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FIFTY-SEVENTH ANNUAL REPORT

OF THE

Department of Health

OF THE

STATE OF NEW JERSEY

1934

MacCrellish & Quigley Co
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1933

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Department of Health of the State of New Jersey

CHARLES I. LAFFERTY, President ..... Atlantic City
MISS MARGARET L. MacNAUGHTON, Vice-President..... Jersey City
MRS. HELEN M. BERRY ..... Millburn
JOHN V. BISHOP ..... Columbus
S. A. COSGROVE, M.D. ..... Jersey City
IRVIN E. DEIBERT, M.D. ..... Camden
J. E. H. GUTHRIE, D.D.S. ..... Newark
J. OLIVER McDONALD, M.D. ..... Trenton
CLYDE POTTS, C.E. ..... Morristown
DR. JAMES E. RUSSELL..... R. F. D. No. 4, Trenton
HOWARD E. WINTER, V.M.D. ..... North Plainfield

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

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

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STATE OF NEW JERSEY,
DEPARTMENT OF HEALTH,
TRENTON, N. J., Aug. 16, 1934.

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, 1934.

CHARLES I. LAFFERTY,
President,
State Department of Health.

STATE OF NEW JERSEY,
DEPARTMENT OF HEALTH,
TRENTON, N. J., Aug. 16, 1934.

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, 1934. The reports of the Bureau Chiefs will give comprehensive accounts of the activities of the ten Bureaus of the Department during the year.

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

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Report of the Director of Health

J. Lynn Mahaffey, M. D.

Evidence that the policies of public health agencies have, in general, been sound and that these policies have been carried out with a fair degree of success is found in the health of residents of New Jersey during the last year.

Communicable diseases for which means of prevention and cure have been perfected have decreased steadily in recent years. In 1933, both diphtheria and tuberculosis reached new low case and death rates in New Jersey, smallpox and malaria had practically disappeared and in only one localized outbreak of disease demanding investigation by the Department was there more than 15 cases. Fewer cases of typhoid fever were reported than in any previous year, but the number of deaths from this disease was slightly greater than in 1932, the previous low year.

Infant mortality was reduced 10 per cent. to a new low rate.

The extent to which the downward trend of these causes of illness and death has gone in 10 years is shown in the following table:

N. J. CASE AND DEATH RATES PER 10,000 AND INFANT MORTALITY RATES PER 1,000

	Diphtheria		*Typhoid Fever*		*Tuberculosis*		*Infant*
	Case Rate	*Death Rate*	*Case Rate*	*Death Rate*	*Case Rate*	*Death Rate*	*Mortality Rate*
1923.....	18.03	1.40	1.83	0.30	16.61	9.01	72
1932.....	3.31	0.23	0.64	0.06	10.72	6.06	50
1933.....	2.39	0.12	0.59	0.09	10.32	5.50	46

Diversity of Work

To create a true mental picture of the amount and kinds of work which the Department performed in the last year is not an easy task. Partly, this is due to the great variety of services which are furnished local boards of health, physicians and the public through the 10 bureaus of the State Department of Health, embracing chemical and bacteriological tests, help in dealing with

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communicable diseases, including venereal diseases, public health nuisances, water supply and sewage disposal problems, the health and welfare of children, milk, food and drug inspection, registration of vital statistics and the examination and licensing of persons engaged in certain professions and trades.

Partly the difficulty lies in the wide differences in time and skill required in making different types of tests, inspections, surveys, or in solving public health problems. Even when reduced to a quantitative, man-hour basis, the picture lacks the third dimension of the experience and judgment of the personnel involved.

However, some idea of the Department's work may be gained from the total number of certain services rendered. During the year which ended June 30, 1934, employees made nearly 13,000 inspections, met with local health officials or citizens in 4,800 conferences dealing with the public health, investigated 405 cases of communicable disease, gave 570 talks and attended 197 meetings to discuss matters of public health importance. The laboratories examined 107,000 specimens or samples, of which number about 12,500 were collected by members of the Department's staff.

Nurses supervised by the Department made 305,000 home visits, gave advice regarding 56,370 children below school age and 133,830 school children. Reports received, tabulated and filed numbered more than 130,000 for births, marriages and deaths and nearly 93,000 for cases of communicable disease.

New Sources of Revenue

An important change in the method of raising funds for public health work resulted with the adoption by the Legislature of some of the recommendations of the Princeton Survey. By this change, certain license fees which had been nominal in most cases were increased so as to cover part or all of the costs of the necessary inspection service. Thus sums totalling about $37,000 were made available for the Department's use from license fees for barbers, milk plants and ice cream factories. This amount increased the receipts of the Department by nine per cent. There

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may be a difference of opinion as to whether or not such a policy is wise, but the fact remains that in 1933 inspectors could be employed to enforce certain laws only by the aid of this added source of revenue.

Court Decisions

Three opinions of the Court of Chancery strengthened the powers of the Department to insure the safety of public water supplies and adequate treatment of sewage. In one case, the owner of a public, potable water supply was ordered to cease violation of the Potable Water Act; in another a municipality was directed to cease pollution of Raritan Bay with inadequately treated sewage, and in the third, a corporation was restrained from employing an unlicensed operator for its sewage plant.

Emergency Relief Personnel

The Department co-operated with the Emergency Relief Administration by giving temporary employment during the winter months to 331 persons. By means of this additional personnel a number of worthwhile projects were carried on, including a child health survey, increased laboratory, office and inspection work and the preparation of useful maps, charts and statistics.

Free Biologicals

Free biologicals for the prevention and treatment of communicable disease have not been furnished by the State of New Jersey in the past. During the legislative session of 1934, the Department joined with the Medical Society of New Jersey in asking for an appropriation to supply diphtheria toxoid and smallpox vaccine for use by physicians under certain conditions. Funds equivalent to about $20,000 a year were granted and the Department authorized to purchase biologicals and distribute them under rules which it should promulgate. The program established near the end of the fiscal year provided, in brief, that the biologicals will be supplied free to any physician who agrees to administer them in accordance with the rules. The rules require him to set apart an hour or period at least twice a month during which he

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will give toxoid treatments or smallpox vaccinations for a maximum fee of one dollar each, and without cost in case he feels that the family of the patient cannot afford to pay. He further agrees to report his use of the biologicals to the State Department of Health upon postpaid forms furnished him. The toxoid is for use on children between the ages of six months and ten years only.

The biologicals are being placed in some fifty or more distributing stations located in hospitals, health department offices or drug stores about the State at points convenient to physicians. The object of the program is to secure the protection of more young children against diphtheria and smallpox and to have such preventive treatments given in doctors' offices rather than in public clinics.

Important Legislative Bills

Two bills which were introduced in the Legislature but not enacted into law would have been helpful to the Department in safeguarding the health of New Jersey citizens. One provided for the regulation of swimming pools and bathing places. A survey conducted by the Department in the summer of 1933 indicated clearly the need for the supervision of such places. The bill, which preserved local powers of regulation but made use of the technical services of the State, had the approval of health officials generally and of many pool owners. Until some such legislation is adopted, most of the 530 or more fresh water public bathing places in the State will have no official supervision.

The other bill would have enabled the Department to pay small pensions to certain needy typhoid carriers who, by reason of their condition, are unable to support themselves and their dependents. The number of such unfortunates is not great and the sum requested was small. Moreover, the interest and sympathetic attitude of most persons, in and out of the Legislature, who knew of the bill, seemed likely to insure its passage. The investment might, in any year, return many times its principal by preventing needless cases and deaths from typhoid.

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District Sewage Disposal

Creation of the Hackensack River Sewerage District set up an organization to deal with the extensive sewage disposal problem of a large number of small municipalities. The Department recorded its approval of this attempt to eliminate a growing cause of complaint and potential danger to the public health in a comprehensive way.

Septic Sore Throat

The one large, localized disease outbreak of the year was a milk-borne epidemic of septic sore throat. The milk which spread the infection from cow to man was, of course, distributed and consumed in the raw state. Proof that milk, even when handled with modern equipment and methods and drawn from tested cows, may cause serious disease unless pasteurized, was contained in the 131 cases and 2 deaths recorded in this outbreak.

Barber License Law

During the first year of the law's existence, some 11,300 barbers and apprentices were registered. To attempt to regulate, on a State-wide scale, the work of this large number of persons rendering personal service is likely to give rise to dissatisfaction and to create serious problems unless the barbers themselves co-operate and assist in carrying out the provisions of the law.

Shellfish Control

A new bureau, created during the year to handle the problems of sanitation at areas where oysters and clams are grown, stored and shucked, was merged, after a few months' existence, with the long-established Bureau of Food and Drugs. Difficulties arising from a conflict between the demands of sanitation and the practices of an old industry have become acute in recent years and need the wholehearted co-operation of all concerned to effect their solution.

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Distillery Wastes

Return of the legally operated distillery has increased the size of such factories making apple brandy until disposal of their wastes has become an acute problem, especially when the plant is located in a rural section with limited sewerage facilities or none at all. Distillery and creamery wastes are among the worst in creating nuisances which demand study and action on the part of the Department.

Cross Connections

Under the provisions of Chapter 13 of the State Sanitary Code, 196 physical connections of the approved type between public potable water supplies and unapproved supplies are now permitted by the State Department of Health. Whether or not this number includes all cross connections in New Jersey is not certain.

Experience in this State and elsewhere has proved how dangerous to the public heath a faulty cross connection may be. Pollution of public water supplies by two such connections in the past caused 158 cases and 25 deaths from typhoid fever in New Jersey.

In view of these facts, local health officials and water superintendents cannot be urged too strongly to be sure that no unapproved cross connections exist within their respective jurisdictions.

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Report of Bureau of Administration

For the Year Ending June 30, 1934

CHARLES J. MERRELL, CHIEF

The terms of Mrs. Helen M. Berry, Miss Margaret L. MacNaughton and Dr. J. E. H. Guthrie expired as members of this Department on May 1, 1934, and they were reappointed by Governor Moore for terms of four years.

The terms of Mr. Charles I. Lafferty and Dr. Howard E. Winter expired on June 30, 1934. They were reappointed by the Governor for terms of four years, but the Senate has not thus far taken action regarding confirmation of said appointments. The last two named members were, therefore, unable to sit with the Department at the reorganization meeting on July 11, 1934. At this time, Dr. S. A. Cosgrove was elected President and Mrs. Berry Vice-President, for the coming year.

Dr. J. O. McDonald, who served as a member of the Department for nearly nineteen years, passed away on March 30, 1934, and the Governor has thus far failed to appoint anyone in his place.

The following resolutions relative to Dr. McDonald were adopted by the Department on May 1, 1934:

WHEREAS, J. Oliver McDonald, M.D., of Trenton, New Jersey, served as a member of the Department of Health of the State of New Jersey from July 1, 1915, to February 1, 1934, as President of the Board from July 1, 1920, to July 1, 1921, and as Acting Chief of the Bureau of Sanitary Shellfish Control from February 1, 1934, to the date of his death on March 30, 1934; and,

WHEREAS, In this service he brought to the Department a broad experience in his chosen profession of medicine, an intimate knowledge of the varied public health aspects of the work of the Department, particularly in reference to child hygiene, and faithful attention to his responsibilities as a public official; and,

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WHEREAS, He exhibited to his confreres on the Board an unfailing courtesy and helpful co-operation in all matters relating to the work of the Department; therefore,

Be It Resolved, That the members of the Board of the State Department of Health feel that the Board and the individual members thereof have sustained a great loss in the death of their associate and desire to express their grief in his passing and their sympathy with his bereaved family; and,

Be It Further Resolved, That these resolutions be spread in full upon the minutes of the Department and a copy of the same sent to Mrs. McDonald and family.

On February 1, 1934, Dr. McDonald was appointed Acting Chief of the new Bureau of Sanitary Shellfish Control, and he continued to serve in this capacity until the time of his death.

Following the death of Dr. McDonald, the Department at its meeting on April 2, 1934, adopted the following resolution:

Resolved:

1. That the Bureau of Sanitary Shellfish Control be constituted a subdivision of the Bureau of Food and Drugs under the direction of the Chief of the latter Bureau;
2. That Mr. Applegate and Captain Parsons be transferred to the Bureau of Food and Drugs and assigned to the subdivision of Sanitary Shellfish Control;
3. That the temporary appointment of Chief of the Bureau of Sanitary Shellfish Control be voided by the death of Dr. J. O. McDonald;
4. That the present committee on Shellfish Control be empowered to assign such other personnel as its discretion indicates from any other Bureau to the subdivision of Sanitary Shellfish Control of the Bureau of Food and Drugs.

Mr. David D. Chandler, member of the Department from July 1, 1920, to July 1, 1932, died on June 30, 1934, and the following resolutions were adopted by the Department on February 6, 1934:

WHEREAS, David D. Chandler, of Newark, New Jersey, served as a member of the Department of Health of the State of New Jersey from July 1, 1920, to July 1, 1932, and as a member of the Board of Examiners of Health Officers and Sanitary Inspectors of the Department for a number of years when the Board was first created and again from March 1, 1932, to the date of his death; and,

WHEREAS, In this service he brought to the Department a broad experience in health administration, an intimate knowledge of the varied public health aspects of the work of the Department, and unusually faithful attention to his responsibilities as a public official, including regular attendance at all stated and special meetings of the Department; and,

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WHEREAS, He exhibited at all times to his fellow members in the Department an unfailing courtesy and a most unselfish and helpful co-operation in all matters relating to the work of the Department; therefore,

Be It Resolved, That the members of the Department of Health of the State of New Jersey feel that the Department and the individual members thereof have sustained a great loss in the death of their associate and desire to express their grief in his passing and their sympathy with his breaved family; and,

Be It Further Resolved, That these resolutions be spread in full upon the minutes of the Department and a copy of the same sent to Mrs. Chandler.

APPROPRIATIONS

An appropriation of $411,392.52 was granted by the Legislature to the Department for the year ending June 30, 1934. An appropriation of $420,579 was granted for the year ending June 30, 1935. This is an increase of $9,186.48 in the regular appropriation from the preceding year. In addition to this, milk plant license fees amounting to $12,280 will be available for the enforcement of the milk laws, and $17,600 from barber license fees will be available for the enforcement of the barber law. Fees received from ice cream licenses issued in accordance with the provisions of Chapter 437 of the Laws of 1933 will also be available for the enforcement of the ice cream laws.

At the sessions of the Legislature during the past year, a law was passed, Chapter 127, authorizing the Department to purchase and distribute diphtheria toxoid and/or toxin anti-toxin and smallpox vaccine. The sum of $10,000 was appropriated for this purpose for the year ending June 30, 1934. A later law, Chapter 240, granting an additional appropriation of $20,000 for the year ending June 30, 1935, provides that the unexpended balance from the appropriation of $10,000 granted for the year ending June 30, 1934 shall be made available for the year ending June 30, 1935.

Under a plan of co-operation worked out with the State Medical Society, these biologicals will be furnished free of cost to physicians who agree to set aside a health hour in which they will inoculate and vaccinate young children in accordance with the regulations of the Medical Society and with the rules and regulations adopted by the State Department of Health.

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A financial statement showing expenses by Bureaus of this Department for the year ending June 30, 1934, will be found at the close of the Report of this Bureau.

Enlarged Quarters

During the year an additional room has been built in connection with the laboratories of the Department on the fourth floor which will meet a need which has existed for a long time, in furnishing additional facilities for the keeping of rabbits and guinea pigs used in the work of the Bacteriological Laboratory.

The Bureau of Vital Statistics has been provided with vaults in the basement of the State House which are well lighted and ventilated and which will provide ample space in place of the overcrowded, poorly lighted and ventilated vaults used by this Bureau for many years. Additional vault space has also been furnished for other Bureaus of the Department.

The action of the State House Commission in furnishing these additional quarters which have been needed for a long time is much appreciated.

Board of Examiners and Examinations

There were no special examinations conducted by the Board of Examiners of Health Officers and Inspectors during the past year, but the regular examinations were held on the last Friday of July, October, January and April as usual.

On November 14, 1933, Mr. Frank Yates, Assistant Chief of the Bureau of Food and Drugs of the Department, was appointed a member of the Board of Examiners in place of Mr. A. I. Goehrig, who died on April 22, 1933.

James J. Hagen, Jersey City; Patrick J. Monaghan, Newark; Edwin H. Coward, M.D., Pleasantville, together with Wallace T. Eakins and Frank Yates, of the staff of the Department, were reappointed on March 6, 1934, as members of the Board of Examiners for the coming year. The Board reorganized by the election of Mr. Monaghan as President and Mr. Eakins as Secretary for one year.

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During the year there were filed with the Department 148 applications for examination as health officer or as inspector of the various classes. Licenses were issued to those receiving a general average of 70% or more as follows: Health Officer, 11; Sanitary Inspector of the First Class, 9; Sanitary Inspector of the Third Class, 4; Plumbing Inspector, 12; Milk Inspector, 4; Veterinary Meat Inspector, 1.

The usual examinations for sewage and water plant operators were conducted by the Bureau of Engineering of the Department during the year. Information in reference to these examinations will be found in the Report of the Bureau of Engineering.

Animal Experimentation

An application was received from Hoffman-LaRoche, Inc., of Nutley, New Jersey, for a permit to conduct animal experiments in their research laboratories in Nutley. A special committee of the Department which was appointed to investigate said application submitted report at the meeting of the Department on November 14, 1933, and in accordance with the recommendation of the committee, the following permit was issued on said date:

To all to whom these presents come, greeting:

The Hoffman-LaRoche, Inc., Nutley, N. J., having presented to this Department a petition to carry on within the State of New Jersey, scientific experiments or investigations as provided in Chapter 160 of the Laws of 1915, entitled: "An act for the prevention of cruelty to animals, approved March eleventh, one thousand eight hundred and eighty," wherein it is set forth that it is desired to conduct experiments on animals, including cats and dogs, such experiments to be conducted in the laboratories of Hoffman-LaRoche, Inc., Nutley, New Jersey.

This is to certify that the Department of Health of the State of New Jersey, by virtue of the power conferred upon it by Chapter 160 of the Laws of 1915, aforesaid, hereby authorizes the said Hoffman-LaRoche, Inc., to carry on scientific demonstrations, experiments and investigations, as above indicated in the laboratories of the Hoffman-LaRoche, Inc., at Nutley, in the county of Essex and State of New Jersey.

Dated, Trenton, N. J., this fourteenth day of November, 1933.

A letter was received from Dr. Frederick M. Allen of New York City, making application for a permit to conduct experiments on rats and other small animals on his premises at 167

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Upper Mountain Avenue, Montclair, New Jersey. Dr. Allen stated that he had no intention of carrying on experiments on dogs. The following permit granting authorization to Dr. Allen to conduct experiments as requested was issued by the Department on May 1, 1934:

To all to whom these presents come, greeting:

Dr. Frederick M. Allen, of New York City, having presented to this Department a petition for authority to carry on within the State of New Jersey scientific experiments or investigations, as provided in Chapter 160 of the Laws of 1915, entitled "An act to amend an act entitled 'An act for the prevention of cruelty to animals,' approved March eleventh, one thousand eight hundred and eighty," wherein it is set forth that it is desired to establish and conduct laboratories for research work concerning disease and its treatment and scientific problems directly or indirectly connected therewith, such research work and investigation to include animal experimentation on rats and other small animals only.

This is to certify that the Department of Health of the State of New Jersey, by virtue of the power conferred upon it by Chapter 160 of the Laws of 1915, aforesaid, hereby authorizes the said Dr. Frederick M. Allen, of New York City, to carry on scientific experiments and investigations as above indicated, upon the premises known as 167 Upper Mountain Avenue, Montclair, in the county of Essex and State of New Jersey.

Dated: Trenton, New Jersey, this first day of May, 1934.

THE DEPARTMENT OF HEALTH OF THE STATE OF NEW JERSEY.

By:

CHARLES I. LAFFERTY, *President,*
J. LYNN MAHAFFEY, M.D., *Director.*

CEMETERIES

Application of the Church of the Madonna, Fort Lee, New Jersey, for reversal of the decision of the local officials of Leonia Borough in refusing to grant consent to said church to extend its cemetery in the Borough of Leonia, was submitted to the Department and a public hearing regarding said application was given by a special committee of the Department at Leonia on October 19, 1933. Report was made by the committee at the meeting of the Department on November 14, 1933, and in accordance with the recommendation of the committee, the action of the borough officials of Leonia in refusing to grant consent for the extension

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of said cemetery was reversed, and a permit was issued for the extension of the cemetery of said church as requested.

Appeal was made to the Department by the Maplewood Cemetery Company of Freehold for reversal of the decision of the local officials of Freehold Township in refusing to grant consent to said cemetery company to extend its cemetery in said township. A special committee of the Department gave a public hearing regarding said application at Freehold on April 25, 1934. Report was submitted by the committee to the Department at its meeting on May 1, 1934, and the following preamble and resolution was adopted:

WHEREAS, Application has been made to the Department of Health of the State of New Jersey by the Maplewood Cemetery Company of Freehold, New Jersey, for reversal of the decision of the local officials of Freehold Township in refusing to grant consent to said cemetery company to extend its cemetery in said township, and,

WHEREAS, A public hearing was given by a special committee of this Department at Freehold, New Jersey, on April 25, 1934, at which time full opportunity was given to all present to speak for or against the extension of the cemetery and it was shown that the cemetery is owned by local people and the extension is desired to meet local needs, and

WHEREAS, At said hearing the owners of a nearby farm were the only objectors to the extension of the cemetery and no other objections have been received at the office of the Department, and

WHEREAS, Investigation by representatives of this Department shows that there is no objection from a sanitary standpoint to the extension of said cemetery and as there are already two cemeteries located in close proximity to the farm in question it does not appear that the value of the property will be further depreciated by the extension of the Maplewood Cemetery, therefore,

Be It Resolved, That the application of the Maplewood Cemetery Company for reversal of the decision of the township officials of Freehold Township in refusing to grant consent to said cemetery company to extend its cemetery in said township be granted and that the Maplewood Cemetery Company is hereby permitted to extend its cemetery in Freehold Township.

TUBERCULOSIS ASSOCIATION AND HOSPITAL

At a meeting of the Department on November 14, 1933, the Gloucester County Health Association, Inc., was recognized by the Department as a duly constituted health society engaged in the relief and prevention of tuberculosis, in accordance with the provisions of Chapter 65 of the Laws of 1932.

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A letter was received from John T. Rowland, architect, making application on behalf of the Board of Chosen Freeholders of Hudson County for approval of the site for the new County Tuberculosis Hospital to be located at Medical Centre in Jersey City. A special committee of the Department gave a hearing concerning said application at the Hudson County Court House, Jersey City, on June 26, 1934, and report will be presented by said committee at the regular meeting of the Department in July.

Annual Conferences

The Twenty-fourth Annual Conference of State and Local Health Officials called by the Director of Health in accordance with provisions of the law, was held on February 16, 1934, in the State House, Trenton.

The Director of Health, J. Lynn Mahaffey, M.D., in calling the conference to order, extended a cordial welcome to representatives of the various local boards of health and their friends gathered at the conference.

The first paper of the afternoon session consisted of "A Summary of the Recent Investigations of Swimming Pools and Bathing Places in New Jersey." This was given by D. M. Ditmars, H. C. Greenfield and L. W. Klockner, Jr., of the Bureau of Engineering of the State Department of Health.

A paper on the subject of "Supervision of Shellfish Sanitation in New Jersey" was read by Edwin G. Applegate, senior chemist of the Department.

LeRoy A. Wilkes, M.D., Executive Secretary of the Medical Society of New Jersey, read a paper on the subject of "Medical Participation in Public Health Activities."

Following the usual roll-call of delegates by counties, a playlet depicting a regular meeting of a local board of health was presented.

The first paper at the evening session, on the subject of "Some Public Health Problems of Recent Development," was read by G. W. McCoy, M.D., Director of the National Institute of Health.

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Kendall Emerson, M.D., of the National Tuberculosis Association, spoke on the subject of "The Control of Tuberculosis, with Special Emphasis on the Newer Methods of Case Finding."

The annual meeting of the Health Officers' Association of New Jersey was held in the State House on the following morning, February 17, 1934.

In addition to the usual business session at this annual meeting, the following officers were elected for the coming year: President, Dennis J. Sullivan, Jersey City; vice-president, W. W. Brooke, M.D., Bayonne; secretary-treasurer, William C. Blake, Princeton; members of the Executive Committee: R. C. Errickson, Long Branch; William H. MacDonald, Trenton; Amos Field, Jr., Kearny; Edwin Stewart, M.D., Fair Haven; George N. Golding, Verona; H. R. H. Nicholas, Englewood; A. J. Krog, Plainfield. Mr. Errickson was later chosen chairman of the committee.

On November 24 and 25, 1933, the fifty-ninth annual meeting of the New Jersey Health and Sanitary Association was held at the Hotel Madison, Atlantic City, New Jersey.

The first session, on Friday afternoon, November 24, was devoted to a consideration of papers and addresses on the subject of "Public Works Projects in New Jersey."

Following the President's address in the evening, the session was devoted to the consideration of papers on the "Effects of the Depression on Health and Nutrition."

The papers and discussions at both the afternoon and evening sessions proved to be very interesting.

On Saturday morning, November 25, the usual business session of the association was held, following a paper presented by Dr. George T. Palmer, Director of Research of the American Child Health Association, on the subject of "Increasing the Efficiency of the Health Dollar."

At this session James E. Brooks, C.E., Glen Ridge, was elected president of the association for the coming year.

In accordance with the usual practice, a meeting of the Health Officers' Association of New Jersey was held in the hotel following the final session of the New Jersey Health and Sanitary Association on Saturday morning.

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Legislation

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

Senate Bill No. 116, requiring dog owners to submit certificates that dogs have been inoculated against rabies before licenses are granted. This bill was withdrawn.

Senate Bill No. 117, making it a misdemeanor for beauty parlors to substitute cosmetics under the names of trade-marked brands. This bill failed to pass.

Senate Bill No. 134, repealing Chapter 427 of the Laws of 1933, making owner liable for dog bites. This bill passed the Legislature, but was vetoed by the Governor and, therefore, did not become a law.

Senate Bill No. 139, creating two Water Supply Authorities, one for North Jersey, the other for South Jersey, empowering said authorities to develop and construct water supplies, to sell water to municipalities, and to issue bonds. This bill failed to pass.

Senate Bill No. 156, creating an Interstate Sanitation Commission of five members to be named by the Governor to act with New York and Connecticut to purify water adjacent to three States. This bill failed to pass.

Senate Bill No. 157, permitting the State to enter into a sanitation treaty with New York and Connecticut. This bill failed to pass.

Senate Bill No. 158, declaring pneumoconiosis, dust disease, compensable under Workmen's Compensation Act. This bill failed to pass.

Senate Bill No. 162, providing for sterilization of epileptics and mental defectives. This bill failed to pass.

Senate Bill No. 167, transferring from local boards of health to the Alcoholic Beverage Control Department supervision duties over liquor and its containers. This bill failed to pass.

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Senate Bill No. 168, transferring from the State Board of Health to Alcoholic Beverage Control Division duties regarding liquor. This bill failed to pass.

Senate Bill No. 173, permitting municipalities along the Raritan River to build sewer plants in compliance with court order, regardless of debt limits. This bill became a law, Chapter 202.

Senate Bill No. 183, prohibiting persons not licensed as physicians or surgeons from using the title "doctor." This bill failed to pass.

Senate Bill No. 184, making silicosis, dust disease, compensable under Workmen's Compensation Act. This bill failed to pass.

Senate Bill No. 213, regulating the sale of eggs. This bill became a law, Chapter 146.

Senate Bill No. 219, forbidding the issuing of birth certificates revealing illegitimacy. This bill became a law, Chapter 105.

Senate Bill No. 226, providing procedure for prosecutions under Chapters 169 and 255 of the Laws of 1933, acts covering the sale of milk. This bill became a law, Chapter 132.

Senate Bill No. 227, requiring milk brought into New Jersey to be pasteurized and bottled in this State, and requiring adequate pasturage for cows. This bill failed to pass.

Senate Bill No. 271, including cream cheese in the list of milk products regulated by Chapter 131 of the Laws of 1932 and Chapter 243 of the Laws of 1933. This bill failed to pass.

Senate Bill No. 338, appropriating $20,000 to the State Department of Health to buy diphtheria serum and smallpox vaccine. This bill became a law, Chapter 240.

Assembly Bill No. 4, providing tuberculosis examinations for prospective public school teachers. This bill failed to pass.

Assembly Bill No. 5, providing physical examinations for teachers in the discretion of boards of education. This bill failed to pass.

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Assembly Bill No. 6, providing more thorough physical examinations for school pupils. This bill failed to pass.

Assembly Bill No. 19, allowing peace justices in cities governed by municipal managers to perform marriage ceremonies. This bill failed to pass.

Assembly Bill No. 22, providing licenses for beauty shops and operators. This bill failed to pass.

Assembly Bill No. 28, prohibiting charges by clinics supported wholly or partly by public funds. This bill failed to pass.

Assembly Bill No. 161, requiring license for operation of swimming pools and public baths. This bill failed to pass.

Assembly Bill No. 186, providing that municipal boards of health shall receive all fees from dog licenses where boards grant such licenses instead of sharing the fees with the S. P. C. A. This bill failed to pass.

Assembly Bill No. 202, regulating the making of mattresses, bedding and upholstered furniture, and providing for division of bedding in the State Department of Health. This bill failed to pass.

Assembly Bill No. 213, regulating the embalming and transportation of dead human bodies into New Jersey from outside the State. This bill failed to pass.

Assembly Bill No. 255, appropriating $5,000 to be expended through the State Department of Health for the care and support of "typhoid carriers." This bill failed to pass.

Assembly Bill No. 279, creating two Water Supply Authorities, one for North Jersey and the other for South Jersey, and empowering the said authorities to develop and construct water supplies, to sell water to municipalities and to issue bonds. This bill failed to pass.

Assembly Bill No. 301, permitting justices of the peace to solemnize marriages. This bill failed to pass.

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Assembly Bill No. 373, authorizing the State Department of Health to buy and distribute diptheria serum and smallpox vaccine, and appropriating $10,000. This bill became a law, Chapter 127.

Assembly Bill No. 398, regulating sale and distribution of milk in New Jersey or for export from the State. This bill became a law, Chapter 192.

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STATEMENT SHOWING EXPENDITURES BY BUREAUS OF THE DEPARTMENT OF HEALTH OF THE STATE OF NEW JERSEY FOR THE YEAR ENDING JUNE 30, 1934

Bureaus	*Payrolls*	*Traveling Expense*	*Stationery*	*Office Equipment*	*Postage*	*Printing*	*Sundry*	*Auto Maint.*	*Tabulating Machine Maint.*	*Laboratory Supplies*
Administration	$22,269	$2,144	$1,461	$68	.....	$861	$390	.....	.....	.....
Vital Statistics	28,755	38	135	190	.....	1,015	267	.....	$1,068	.....
Local Health Administration	36,723	991	53	.....	.....	411	254	$1,711	168	.....
Food and Drugs	38,382	11,867	103	160	.....	628	113	44	.....	$221
Engineering	45,778	3,616	216	202	.....	81	494	1,475	.....	904
Chemistry	27,030	329	42	.....	.....	198	118	193	.....	1,828
Bacteriology	29,909	54	227	.....	.....	369	273	.....	.....	8,916
Shellfish Control	2,166	152	26	448	.....	49	128	218	.....	.....
Total Thus Far:	$231,012	$19,191	$2,263	$1,068	.....	$3,612	$2,037	$3,641	$1,236	$11,869
Child Hygiene	77,079	18,518	398	424	480	1,072	246	.....	.....	.....
V. D. Control	16,320	2,579	356	156	.....	982	142	.....	.....	.....
Public Health Education	9,801	2,596	706	1,069	663	834	1,502	.....	.....	.....
Total of Columns	$334,212	$42,884	$3,723	$2,717	$1,143	$6,500	$3,927	$3,641	$1,236	$11,869

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STATEMENT SHOWING EXPENDITURES BY BUREAUS OF THE DEPARTMENT OF HEALTH OF THE STATE OF NEW JERSEY FOR THE YEAR ENDING JUNE 30, 1934—Continued

Bureaus	*Laboratory Equipment*	*Boat Maint.*	*Engineering Equipment*	*Clinic Equipment*	*Welfare Station Equipment*	*New Plant Construction*	*Public Health News*	*Barber Inspect. Service*	*Total by Bureaus*
Administration	.....	.....	.....	.....	.....	.....	$1,667	.....	$28,860
Vital Statistics	.....	.....	.....	.....	.....	.....	.....	.....	31,468
Local Health Administration	.....	.....	.....	.....	.....	.....	.....	.....	40,311
Food and Drugs	.....	.....	.....	.....	.....	.....	.....	.....	51,518
Engineering	.....	.....	$814	.....	.....	.....	.....	.....	53,580
Chemistry	$282	$1,804	.....	.....	.....	.....	.....	.....	31,824
Bacteriology	1,460	.....	.....	.....	.....	.....	.....	.....	41,208
Shellfish Control	.....	.....	.....	.....	.....	$11,946	.....	.....	15,133
Total Thus Far:	$1,742	$1,804	$814	.....	.....	$11,946	$1,667	.....	$293,902
Child Hygiene	.....	.....	.....	.....	$201	.....	.....	.....	98,418
V. D. Control	.....	.....	.....	$4,754	.....	.....	.....	.....	25,289
Public Health Education	.....	.....	.....	.....	.....	.....	.....	$4,721	21,892
Total of Columns	$1,742	$1,804	$814	$4,754	$201	$11,946	$1,667	$4,721	$439,501

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Report of the Bureau of Local Health Administration

For the Year Ending June 30, 1934

WILLIAM H. MACDONALD, CHIEF

Eighty-two thousand four hundred nine cases of the thirty-two diseases declared reportable by Chapter I of the State Sanitary Code were recorded in this Bureau of the Department during the calendar year of 1933. Although this is a greater total than has been reported in recent years, it is gratifying that the diseases of which the larger numbers of cases were reported, were those spread chiefly by contact and for which no specific preventive measure is known or can yet be practically applied on a wide scale.

Measles led the list in number of reported cases and chickenpox was second in prevalence as indicated by case reports.

Although parents are inclined to look upon measles as a minor disease, this attitude is gradually changing and this change is being reflected in a larger degree of completeness in reporting of cases. Measles in 1933 was charged with causing a greater number of deaths than any of the 32 reportable diseases except tuberculosis, influenza and pneumonia. Sixty-nine per cent. of the 71 recorded deaths from measles were in children less than five years old.

Whooping cough, although less prevalent than in the past two years, caused forty-three deaths, forty-two of which were in children less than five years of age. The fact is significant that both measles and whooping cough take their greatest toll in deaths from babies and young children. Parents should be urged to take care to keep young children from being exposed to these diseases.

Scarlet fever continued about equal in prevalence with recent years; however, in general the cases were relatively mild and the

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death rate, 1.36 per 100,000, was next to the lowest annual rate from this disease recorded in New Jersey.

In diphtheria, new low case and death rates were attained. The number of deaths from this cause in 1933 is less than one-tenth the number of deaths from diphtheria in 1913. The decrease in this disease during recent years can be chiefly ascribed to the widespread use of toxin-antitoxin and toxoid as a preventive. To hold the advantage gained and to reduce further this disease, stressing the use of toxoid must continue. The fact that in 1933, over thirty per cent. of the reported cases and seventy per cent. of the recorded deaths from diphtheria were in children below five years of age, point clearly to the need of stressing the use of toxoid among children long before they reach school age. It is in this preschool age period that the greatest good can be accomplished by this preventive measure.

For the third consecutive year poliomyelitis showed a marked increase in prevalence during the summer and early fall months. Of the 234 cases reported, 217 cases were recorded during the months of July, August, September and October. The distribution of the cases in 1933 closely resembled the distribution in 1931, over ninety-five per cent. of the cases occurring in the counties north of Mercer and Ocean.

Tuberculosis also dropped to new low levels in 1933. Not only was the number of new cases reported to the State Department of Health lower than in previous years, but the number of deaths recorded from this cause was also lower than in any year for which records are available. The reduction in deaths was not restricted to one section, but was recorded in practically all counties.

The typhoid fever record for the year is contradictory. The number of cases reported was relatively low (258); however, the number of deaths recorded (42) was greater than in any of the past three years. The indicated fatality rate was 16.27. Two possible causes may be ascribed for such a situation, a series of unusually virulent cases or incomplete reporting of cases. If the latter is the cause, it may be overcome, to a degree at least, by freer use of laboratory facilities now available as an aid in determining the true character of the disease in cases of continued fever.

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Rabies in Animals—Reports of 283 cases of rabies in animals were received from 97 local boards of health in eighteen counties. These reports were made in accordance with the provisions of a resolution adopted in April, 1932, by the State Department of Health.

Number of Cases of Rabies in Animals Reported by Local Boards of Health, by Counties and by Months, January-December, 1933.

County	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Atlantic ...	0	0	0	0	0	0	0	0	0	0	0	0	0
Bergen	2	2	5	4	3	2	3	2	2	2	2	1	30
Burlington..	0	1	0	0	0	0	0	0	0	0	0	0	1
Camden ...	0	2	0	0	0	1	0	0	0	0	0	0	3
Cape May..	0	0	0	0	0	0	0	1	0	0	0	0	1
Cumberland.	0	0	0	0	0	0	0	0	0	0	0	1	1
Essex	4	6	10	15	7	6	6	3	0	1	3	2	63
Gloucester..	0	0	0	0	0	0	0	0	0	0	0	0	0
Hudson ...	2	0	4	1	7	2	3	1	1	2	2	1	26
Hunterdon..	0	0	0	0	0	1	3	0	0	0	0	0	4
Mercer	4	4	2	1	1	2	2	2	1	0	0	0	19
Middlesex .	2	4	1	4	3	0	2	2	0	3	0	0	21
Monmouth .	0	0	0	0	0	0	1	0	0	0	0	0	1
Morris	3	3	2	7	7	2	3	6	4	6	5	3	51
Ocean	0	0	0	0	0	0	0	0	0	0	0	0	0
Passaic	4	1	0	3	1	1	1	1	5	1	1	2	21
Salem	0	0	0	0	0	0	0	0	0	0	1	0	1
Somerset ..	0	2	1	0	0	0	0	2	0	0	0	1	6
Sussex	0	1	0	1	0	0	0	0	0	0	0	0	2
Union	0	2	1	1	3	3	1	1	6	3	1	3	25
Warren	1	0	1	1	1	0	2	1	0	0	0	0	7
Total ...	22	28	27	38	33	20	27	22	19	18	15	14	283

All but two of the animals reported as rabid were dogs.

In annual reports received from local boards of health for the year 1933 it is stated that the number of persons who, to the knowledge of these boards, received Pasteur treatments for the prevention of rabies during the year was 449. The amount of money reported by these boards as having been expended from public funds for these treatments during this period was $5,528.19.

Chapter 66 of the Laws of 1930 requires that physicians and others report to local boards of health, the names and addresses of persons bitten by dogs, irrespective of whether the animals are suspected to have rabies. While individual reports of all cases of dog bite are not made to the State Department of Health, the total of such cases as given in annual reports from local boards of health for 1933 reached the sum of 8,091.

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Investigation of Outbreaks—Field investigation of cases of communicable diseases in an effort to determine the source of infection and to secure facts upon which to base measures to prevent further spread of infection, is a fundamental health department activity. The importance of careful history taking in such cases cannot be over-stressed. Unfortunately in many of the smaller municipalities of the State little or no effort is made to carry out such investigations, nor to record such facts as are collected.

District health officers in the Bureau endeavor to conduct such investigations in certain diseases, and whenever practical do so in company with some representative of the local board of health. Special investigations of this kind are also made by other employees in the Bureau.

During the fiscal year ending June 30, 1934, such detailed field investigations were made by the Bureau of 405 cases in 140 municipalities. These were divided by diseases as follows: Typhoid fever, 137; poliomyelitis, 40; undulant fever, 20; dysentery, 12; septic sore throat, 141; trichinosis, 17, and other diseases, 38.

Typhoid Fever—Investigation of several cases of typhoid fever in Pennsauken Township, Camden County, showed the cases to be among persons who had attended a celebration of the opening of a roadside restaurant in that community on September 21.

Subsequent investigation revealed that cases occurring at about the same time in other communities had also been in attendance. Finally a total of 14 cases in five municipalities was found to have attended this function or to have eaten some of the food served. A platter of food served each guest had on it chicken salad, rolls, pickles and pickled beets. No doubt the infection was transmitted through some of these articles of food, and probably by means of the chicken salad. Repeated examination of discharges from persons found to have taken part in preparing the meal, did not reveal a carrier.

Five cases of typhoid fever, two in New Jersey and three in New York State, were found to have occurred in a group of 24 persons who attended a family dinner party at Teaneck, Bergen County, on September 16.

Turkey salad was the chief article served at the supper. The turkey was prepared for the salad at the home on the day preced-

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ing the dinner. One of the persons who assisted in preparing the meat for salad, but who took no part in handling the salad or other food stuffs on the day of the dinner was found to be harboring typhoid bacilli.

Amoebic Dysentery—The discovery of an unusual number of cases of amoebic dysentery in Chicago during the summer and fall of 1933, caused considerable concern in all parts of the country, inasmuch as persons from all sections had visited the city to attend the Chicago World's Fair. It was assumed that some of these visitors doubtless had been exposed to infection in Chicago and would become ill after returning home. This assumption proved correct. In the fall of 1933, cases of amoebic dysentery in this group were recognized in New Jersey. As these cases came to light information about them was secured by employees in the Bureau or by means of special history forms from local boards of health. During the year thirty-one cases of amoebic dysentery were reported, of which twenty-four had visited in Chicago shortly prior to onset. Two others who had not visited Chicago had been in close contact with visitors to that city. Three of the remaining reported cases were considered as cases of long standing with a recurrent attack during the year.

The ages of the patients ranged from eight to sixty-one years. Only two were less than twenty years old. Ten were females, twenty-one were males.

Among the large number of residents of New Jersey who visited Chicago during the summer of 1933, it is most probable others were infected, some of whom likely became ill, without having the true nature of the illness determined.

Undulant Fever—During the calendar year of 1933, twenty-eight cases of undulant fever were reported. Histories were obtained of these cases by employees in the Bureau or by special inquiry of local boards of health.

Judging from the information gathered, two of the patients were probably infected outside New Jersey. Raw milk was used regularly by 17 of the patients apparently infected in the State. Three used both raw and pasteurized milk regularly; three used pasteurized milk regularly. Data on the use of milk by three patients are not complete.

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Septic Sore Throat.—The local board of health of Flemington, Hunterdon County, requested aid in January, 1934, in determining whether any common source of infection existed for cases of a severe throat affection with which many residents of the community had recently suffered. Although septic sore throat is not a reportable disease, physicians in the town responded willingly to a personal request for a list of patients recently treated by them for the prevailing disease. Investigation of the cases so reported revealed that although later cases were distributed among users of different milk supplies, the earlier cases in the outbreak had been consumers of milk produced and supplied by one local dealer.

It was concluded that the infection causing the outbreak had been transmitted by this supply and that contact with earlier cases had resulted in a number of secondary cases not among regular users of this milk. The outbreak included 131 listed cases of which two were fatal. Sixty-one of the cases were in males, 70 in females. Fourteen per cent. of the cases were in children less than 10 years of age.

The milk at fault was distributed raw by a producer who took considerable pride in maintaining good equipment and cleanly conditions at his dairy. The examination of cows in the herd for infected udders, however, had been less carefully done and such an examination after the investigation of the cases was under way, revealed that six of the sixteen milking cows each had streptococcus mastitis.

It was also found that a worker on the premises who took part in handling milk was taken ill with sore throat about four days before the first group of cases among users of the milk occurred.

Cows with infected udders were promptly removed from the milking herd and pasteurized milk substituted for raw milk pending the installation of permanent pasteurizing equipment at the dealer's establishment.

Malaria—Nine cases of malaria were reported during the year. From information collected about theses cases it is clear that at least seven were infected outside of New Jersey. One of the other cases was probably of long standing. The place of infection of the ninth reported case was not definitely established.

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Other Diseases—Several cases of trichinosis were investigated although no wide spread outbreak was discovered.

A case of leprosy was discovered in an Asiatic reported to have been in this country about five years.

One case of tularemia was reported from Bergen County in a person who gave no history of contact with New Jersey rabbits but who gave a history of cleaning the carcass of a rabbit purchased from a local market, but imported from the Middle West.

For the second consecutive year no case of smallpox was reported in the State. This fact, however, does not mean that vaccination is so generally practiced in New Jersey that this disease will not spread should the infection be introduced under conditions favorable for its dissemination.

Communicable Diseases on Dairy Premises—Seventeen cases of scarlet fever, three cases of diphtheria and two cases of typhoid fever were reported on twenty-two premises upon which milk was being produced for sale. In view of preventive measures established, or local action taken, the sale of milk was not prohibited by this Department at any of these premises. In one instance the sale of milk was prohibited by local health officials. In a few instances, although the Department was willing to permit milk to be sold under restrictions agreed to by the dairyman, the firm receiving the milk was unwilling to accept it under any condition while the case was on the premises. This somewhat arbitrary stand has resulted in considerable embarrassment to the producer in some instances, and is not conducive to discovery and prompt notification of cases of these diseases on dairy farms.

As a result of examination of discharges from dairy farm workers, two persons were found to be eliminating paratyphoid "B" organisms. One returned to his home outside of New Jersey. From the second there has since been secured a series of specimens of body discharges and a specimen of gall duct secretion, all of which were found negative from these organisms.

Assistance in Diagnosis—It is the policy to urge that local boards of health, through local personnel, establish a diagnosis when it appears necessary in cases suspected of being communicable diseases and in which a definite diagnosis is in doubt.

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In response to special requests, however, diagnostic aid was furnished through this Bureau during the year in 57 instances. The disease suspected in these cases included smallpox, scarlet fever, typhoid fever, measles and others.

Typhoid Carriers—During the year the names of two persons were removed from the list of known carriers of typhoid bacilli; one because of death and one following a series of negative specimens after removal of an infected gall bladder. Four were added to the list of carriers and several persons suspected of being chronic carriers are under observation.

Earning a living is an acute problem with a number of persons so unfortunate as to be carriers of the organisms of typhoid or paratyphoid fever. A considerable proportion of carriers discovered are workers in some business involving the handling of milk or other food for public consumption. As a means to protect the public health they are legally prohibited from continuing in business of this character. To secure gainful occupation in some other line and at a place where their services will be acceptable, is so difficult that some are reduced to actual need. In such extreme cases it seems justifiable that the State should furnish some financial aid for support. A bill to this end was sponsored by the Department and introduced at the last session of the Legislature. Although the bill was not finally acted upon, it was not considered with disfavor in the House of Assembly where it was introduced. There is ample justification for bringing this situation again to the attention of the Legislature.

Free Biologicals—A new State policy was established by the Legislature of 1933-34 in enacting Chapter 127 of the Laws of 1934 entitled, "An act authorizing the State Department of Health to purchase and distribute diphtheria toxoid and toxin-antitoxin and smallpox vaccine and appropriating moneys therefor."

Many states, including several adjacent to New Jersey, have for years followed the policy of supplying some biological products without charge. In this State, however, no preventive biological has previously been furnished free through the State Health Department.

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Early in the year the State Medical Society of New Jersey, through its Public Health Committee, advocated a plan to secure immunization particularly of young children. It proposed that if children apply at the office of physicians at special periods selected by the physicians, diphtheria and smallpox immunizations would be given at a maximum charge of one dollar per treatment or without charge if the physician decided the family was unable to pay a fee. This plan further anticipated that health departments would furnish free diphtheria toxoid and smallpox vaccine to such physicians and that the physicians would report the names and other essential information about the children so treated.

The Bureau co-operated in arranging in a number of counties joint meetings of representatives of local boards of health in the county and representatives of the County Medical Society at which the proposal of the physicians could be presented. In the main these meetings and the work following them did not result in the general adoption of the plan. Many boards of health asserted appropriations for their use were so limited they could not furnish materials as requested.

At the meeting of the State Department of Health on January 9, 1934, the President of the State Medical Society outlined the plan and requested that the Department appeal for emergency funds to enable it to supply the necessary biologicals. The Department followed the suggestion. No money for the purpose, however, was set aside from the State emergency funds. Later a bill was passed by the Legislature which became a law on May 2, 1934, and which legally empowered the Department to distribute free, diphtheria and smallpox preventive biologicals under Rules to be adopted by the Department and set aside $10,000 for carrying the provisions of the act into effect. Subsequently, in June, another law was enacted appropriating an additional $20,000 to continue the project into the fiscal year beginning July 1, 1934.

At the meeting of the Department on June 5, 1934, Rules for the free distribution of biologicals were adopted as provided in the act. These Rules adopted were in substantial accord with the plan proposed by the State Medical Society and read as follows:

1. The biologicals may be procured without charge by any physician licensed to practice medicine in New Jersey at any distributing station arranged for by

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the Director of Health, provided such physician agrees to the following conditions

(a) The physician shall fix an hour or special period to be at least twice in each month at which times he will administer diphtheria immunization treatments to all children between the ages of six months and ten years, who come during such special hours, and will vaccinate against smallpox all who apply for such vaccination during the special hours, at a maximum charge of one dollar per injection or vaccination and without charge in the case of any one who, in the opinion of said physician, is unable to pay for such services.

(b) Notification shall be given the Director of Health of New Jersey of the time and place of such special hours fixed by the physician and of any change in such hours; the stated hours selected, together with the name and address of the physician, and the purpose of such special hours may be made publicly known by the State Department of Health or any local health department or other health agency.

(c) Promptly after completing smallpox vaccination or administering a course of diphtheria immunizing injections with material furnished by the State, the physician shall forward to the State Department of Health, at Trenton, or elsewhere if so requested by the Director of Health, a report on a form furnished by the Department, showing the name, age, sex, color and place of residence of the person treated, together with the date or dates of treatment, the kind of material used and whether the service was performed for a fee or without charge. In the case of smallpox vaccination such report shall also state whether the vaccination was successful.

2. Biologicals furnished any physician shall be for his use upon residents of New Jersey during the special periods selected by him in accordance with Rule 1 (a) and in conformity with the provisions of said Rule.

3. Diphtheria immunizing material and smallpox vaccine furnished shall be kept in a refrigerator in which the temperature shall be between 32° and 50° F.

4. Biologicals furnished shall be utilized with due care to prevent unnecessary wastage.

5. A receipt on a form furnished by the State Department of Health shall be signed and left with the distributing agency at the time any biologicals are obtained.

6. The State Department of Health and any officer or agent thereof, shall not be responsible for any accident nor ill effects which may be ascribed to the use of biologicals furnished.

7. Failure on the part of a physician to comply with any of the Rules set forth above, or proof that a physician is not rendering service to those unable to pay as set forth in Rule 1 (a), or is unjust in determining ability to pay for such services, will be deemed sufficient cause to debar such physician from receiving free biologicals from the State.

Bids for the biologicals were arranged for and received by the State Purchasing Agent, who directed that materials for distribution to counties north of Burlington and Ocean be purchased from

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the E. R. Squibb and Sons Company, and that materials be purchased from the National Drug Company for distribution in the southern counties.

The plan adopted for distributing the material involved setting up a limited number of distributing agencies in each county from which any physician could secure the biologicals who agreed to set aside special periods as contemplated in the Rules and to use the materials in accordance with the provisions thereof.

A system for reporting the use of the materials by physicians was also set up and a plan of checking in the Bureau on distribution and use of materials furnished was placed into operation. Original reports from physicians naming children receiving preventive treatments with State biologicals, were to be returned to local boards of health as part of local records.

In establishing distributing stations, first choice was made of offices of local boards of health; then hospitals, other public buildings and private business places were considered in the order named. Nineteen stations in twelve counties had been established and stocked by June 30, 1934.

Eating Establishments—The inspection of eating establishments, particularly in rural districts, was carried out during the year to the limit of the Bureau's facilities. Local boards of health were urged to make such inspections. In areas to which district health officers are assigned, they carried on inspections at roadside eating places, such inspections being made when practical in company with some local health official. Nearly 400 eating places were inspected by employees in the Bureau and reinspection was made at many of these places. Violations of the State Sanitary Code were directed to the attention of local boards of health. Violations of the Sanitary Act and other laws pertaining to the sale and exposure of foods were directed to the attention of the operators of the food stands by the State Department. Several local boards of health made a real effort to secure compliance with the Sanitary Code when violations were drawn to their attention. The response from local boards of health in a number of townships, however, was not effective.

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It seems likely, judging from experience in this work during the summer of 1933, that the State Department will have to assume greater responsibility for inspecting roadside refreshment stands in many rural districts if existing fundamental health regulations are to be enforced in such places. The experience of the year has also shown that although in many establishments the equipment is limited, persons in charge are willing and anxious to accept reasonable recommendations for the use of such equipment to the best advantage from the sanitary standpoint. A very large proportion of roadside eating places is closed during the winter. This makes it impractical to carry on inspection of these places except during the summer months.

Summer Camps—Chapter X of the State Sanitary Code provides that any person prior to establishing a camp to be occupied by five or more persons, for three or more days, shall notify the local board of health of the municipality in which the camp is to be located. This chapter also requires that after such notification, a representative of the local health board shall inspect the camp. In the main these regulations have not been effective for the purposes sought and relatively few boards of health in the rural sections make camp inspections.

In areas to which district health officers are assigned at least one inspection each year is made of organized camps of which the Bureau has knowledge. In other sections camp inspections are made by employees in the Bureau when and if it is possible to arrange to do so. In the Bureau files 96 camps are listed. New ones are being established each year. In view of the fact that these places are operated only for a short time each summer, an adequate inspection of all cannot be made by the present Bureau employees without neglecting special work which arises almost daily and which must be considered more in the nature of an emergency.

Special Investigations—Complaints reaching the Department regarding conditions coming within the general classification of nuisances are referred to this Bureau. There also reached the Bureau from citizens and representatives of local health departments many questions regarding private water supplies and private

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sewage collection and disposal systems. While investigations cannot be made by the Bureau of all such matters which arise, the number of such investigations made last year by employees in the Bureau, either in company with local health officials or independently, was over 400.

Public Health Course—Rutgers University in co-operation with the Department continued the summer course for health officials during the past summer. Owing to reduced appropriations to the University for summer school purposes, the course was carried on a self-sustaining basis from funds paid by students. Nine students attended the first-year course and two completed the second-year course and received Certificates in Public Health from the University.

Other Work—In addition to activities mentioned, other work performed and services rendered by employees in the Bureau last year included the following:

Number of conferences with local health officials on questions pertaining to public health work	2,648
Number of conferences with other public officials, physicians and citizens on matters related to public health	2,122
Number of meetings of local boards of health attended	35
Number of other meetings relating to health matters attended	162
Number of lectures given in summer course for health officials	53
Number other talks or lectures given and papers read	35
Number of municipalities in which assistance was rendered in giving or reading Schick or Dick tests	21
Number of municipalities in which assistance was rendered in giving toxin-antitoxin or toxoid	8
Number State institutions in which investigation of cases of communicable diseases was made	4
Number of specimens collected from humans, either by employees in the Bureau or with their aid, to be examined for pathogenic bacteria	904
Number other specimens and samples collected for laboratory examination	186

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REPORTED CASES OF ANTHRAX IN NEW JERSEY

For the Calendar Year 1933 by Age Groups and Months.

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

REPORTED CASES AND DEATHS FROM ANTHRAX IN NEW JERSEY

For the Calendar Year 1933 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	0	0	0	0	0	0
15 to 19 years	0	0	0	0	0	0
20 to 24 years	0	0	0	0	0	0
25 to 34 years	2	0	0	0	2	0
35 to 44 years	3	1	0	0	3	1
45 to 54 years	0	0	0	0	0	0
55 to 64 years	0	0	0	0	0	0
65 years and over	0	0	0	0	0	0
Age not stated	0	0	0	0	0	0
Total	5	1	0	0	5	1

REPORTED CASES OF CHICKENPOX IN NEW JERSEY

For the Calendar Year 1933 by Age Groups and Months.

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	351	49	36	44	60	48	37	20	10	0	1	20	26
1 year	480	58	52	67	71	59	49	22	21	5	6	34	36
2 years	671	110	62	85	104	92	76	29	13	4	9	29	58
3 years	773	107	71	115	99	101	82	43	16	5	17	43	74
4 years	940	158	83	139	130	127	84	27	10	14	19	61	88
Under 5 years	3215	482	304	450	464	427	328	141	70	28	52	187	282
5 to 9 years	8680	1297	1048	1332	1082	1148	828	165	24	40	262	612	842
10 to 14 years	1050	180	126	142	134	115	103	20	5	4	28	85	108
15 to 19 years	155	28	15	19	18	11	4	3	1	1	7	16	32
20 to 24 years	51	8	7	3	7	8	6	3	0	0	0	2	7
25 to 34 years	85	15	11	21	8	9	7	2	0	1	0	5	6
35 to 44 years	30	2	4	8	1	4	1	1	1	0	4	1	3
45 to 54 years	6	1	0	1	3	1	0	0	0	0	0	0	0
55 to 64 years	4	0	0	1	0	1	0	0	0	0	0	0	2
65 years and over	0	0	0	0	0	0	0	0	0	0	0	0	0
Age not stated	27	6	3	2	2	3	0	0	0	0	1	3	7
Total	13303	2019	1518	1979	1719	1727	1277	335	101	74	354	911	1289

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REPORTED CASES AND DEATHS FROM CHICKENPOX IN NEW JERSEY

For the Calendar Year 1933 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	180	2	171	1	351	3
1 year	237	0	243	0	480	0
2 years	342	1	329	1	671	2
3 years	392	1	381	0	773	1
4 years	493	0	447	0	940	0
Under 5 years	1644	4	1571	2	3215	6
5 to 9 years	4432	1	4248	0	8680	1
10 to 14 years	537	0	513	0	1050	0
15 to 19 years	82	0	73	1	155	1
20 to 24 years	19	0	32	0	51	0
25 to 34 years	51	0	34	0	85	0
35 to 44 years	21	0	9	0	30	0
45 to 54 years	4	0	2	0	6	0
55 to 64 years	1	0	3	0	4	0
65 years and over	0	0	0	0	0	0
Age not stated	12	0	15	0	27	0
Total	6803	5	6500	3	13303	8

REPORTED CASES OF DIPHTHERIA IN NEW JERSEY

For the Calendar Year 1933 by Age Groups and Months.

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	19	0	2	3	0	3	2	1	1	1	2	1	3
1 year	46	8	6	4	1	3	3	5	3	1	4	4	4
2 years	87	15	7	6	7	6	4	4	0	8	6	13	11
3 years	88	7	6	9	5	8	5	9	3	6	7	11	12
4 years	76	8	10	6	5	5	5	7	3	2	6	12	7
Under 5 years	316	38	31	28	18	25	19	26	10	18	25	41	37
5 to 9 years	389	48	23	31	34	48	38	21	8	22	28	49	39
10 to 14 years	109	13	6	15	11	8	6	9	1	6	7	12	15
15 to 19 years	58	6	5	8	3	3	7	4	2	2	6	7	5
20 to 24 years	45	3	5	4	6	3	7	2	3	1	4	5	2
25 to 34 years	62	9	6	8	7	5	5	4	1	1	7	2	7
35 to 44 years	31	5	1	3	2	4	3	4	3	0	1	1	4
45 to 54 years	11	2	2	2	0	1	1	1	0	0	1	0	1
55 to 64 years	4	0	1	1	0	0	0	0	1	0	0	0	1
65 years and over	5	0	1	0	1	1	0	0	1	1	0	0	0
Age not stated	5	0	0	0	1	0	1	0	1	0	0	2	0
Total	1035	124	81	100	83	98	87	71	31	51	79	119	111

REPORTED CASES AND DEATHS FROM DIPHTHERIA IN NEW JERSEY

For the Calendar Year 1933 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	13	2	6	2	19	4
1 year	26	8	20	3	46	11
2 years	54	5	33	1	87	6
3 years	45	5	43	7	88	12
4 years	43	1	33	3	76	4
Under 5 years	181	21	135	16	316	37
5 to 9 years	210	2	179	8	389	10
10 to 14 years	58	3	51	0	109	3
15 to 19 years	28	0	30	0	58	0
20 to 24 years	11	0	34	0	45	0
25 to 34 years	17	0	45	0	62	0
35 to 44 years	4	0	27	0	31	0
45 to 54 years	3	0	8	0	11	0
55 to 64 years	0	0	4	1	4	1
65 years and over	2	1	3	0	5	1
Age not stated	3	0	2	0	5	0
Total	517	27	518	25	1035	52

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REPORTED CASES OF DYSENTERY IN NEW JERSEY

For the Calendar Year 1933 by Age Groups and Months.

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	0	0	0	0	0	0	0	0	0	0	0	0	0
1 year	0	0	0	0	0	0	0	0	0	0	0	0	0
2 years	2	0	0	0	0	0	0	0	1	1	0	0	0
3 years	0	0	0	0	0	0	0	0	0	0	0	0	0
4 years	1	0	0	0	0	0	0	0	0	1	0	0	0
Under 5 years	3	0	0	0	0	0	0	0	1	2	0	0	0
5 to 9 years	5	0	0	0	0	0	0	0	1	3	0	1	0
10 to 14 years	0	0	0	0	0	0	0	0	0	0	0	0	0
15 to 19 years	0	0	0	0	0	0	0	0	0	0	0	0	0
20 to 24 years	2	0	0	0	0	0	0	0	1	0	0	1	0
25 to 34 years	3	0	0	0	0	0	0	0	0	0	0	1	2
35 to 44 years	7	0	0	0	0	0	0	0	1	0	0	4	2
45 to 54 years	6	0	1	0	0	0	1	0	0	1	0	1	2
55 to 64 years	1	0	0	0	0	0	0	0	0	1	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	27	0	1	0	0	0	1	0	4	7	0	8	6

REPORTED CASES AND DEATHS FROM DYSENTERY IN NEW JERSEY

For the Calendar Year 1933 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	0	1	0	1	0	2
1 year	0	0	0	0	0	0
2 years	0	0	2	0	2	0
3 years	0	0	0	1	0	1
4 years	1	0	0	0	1	0
Under 5 years	1	1	2	2	3	3
5 to 9 years	5	0	0	0	5	0
10 to 14 years	0	0	0	0	0	0
15 to 19 years	0	0	0	0	0	0
20 to 24 years	2	0	0	0	2	0
25 to 34 years	2	0	1	0	3	0
35 to 44 years	6	0	1	1	7	1
45 to 54 years	3	2	3	0	6	2
55 to 64 years	1	1	0	0	1	1
65 years and over	0	0	0	2	0	2
Age not stated	0	0	0	0	0	0
Total	20	4	7	5	27	9

REPORTED CASES OF EPIDEMIC CEREBROSPINAL MENINGITIS IN NEW JERSEY

For the Calendar Year 1933 by Age Groups and Months.

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	12	1	2	0	1	1	0	1	1	1	0	0	4
1 year	7	0	1	1	1	2	1	0	1	0	0	0	0
2 years	3	0	0	0	1	0	1	0	1	0	0	0	0
3 years	1	1	0	0	0	0	0	0	0	0	0	0	0
4 years	2	0	0	0	0	0	1	0	0	0	1	0	0
Under 5 years	25	2	3	1	3	3	3	1	3	1	1	0	4
5 to 9 years	17	0	2	5	2	1	1	2	0	2	1	0	1
10 to 14 years	13	1	3	2	2	0	0	0	0	0	1	4	0
15 to 19 years	5	1	1	0	0	1	0	1	1	0	0	0	0
20 to 24 years	3	0	1	0	0	1	0	0	0	0	0	1	0
25 to 34 years	5	2	0	0	1	0	1	1	0	0	0	0	0
35 to 44 years	3	0	2	0	0	0	0	0	0	0	0	0	1
45 to 54 years	4	2	0	0	1	0	0	0	0	0	0	0	1
55 to 64 years	1	0	0	0	0	0	0	0	0	0	1	0	0
65 years and over	0	0	0	0	0	0	0	0	0	0	0	0	0
Age not stated	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	76	8	12	8	9	6	5	5	4	3	4	5	7

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REPORTED CASES AND DEATHS FROM EPIDEMIC CEREBROSPINAL MENINGITIS IN NEW JERSEY

For the Calendar Year 1933 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	8	4	4	3	12	7
1 year	5	1	2	2	7	3
2 years	1	0	2	1	3	1
3 years	0	0	1	1	1	1
4 years	1	1	1	0	2	1
Under 5 years	15	6	10	7	25	13
5 to 9 years	10	1	7	2	17	3
10 to 14 years	7	2	6	0	13	2
15 to 19 years	4	2	1	0	5	2
20 to 24 years	1	1	2	0	3	1
25 to 34 years	4	1	1	0	5	1
35 to 44 years	2	1	1	0	3	1
45 to 54 years	1	0	3	0	4	0
55 to 64 years	1	0	0	0	1	0
65 years and over	0	0	0	0	0	0
Age not stated	0	0	0	0	0	0
Total	45	14	31	9	76	23

REPORTED CASES OF GERMAN MEASLES IN NEW JERSEY

For the Calendar Year 1933 by Age Groups and Months.

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	34	3	7	11	3	2	2	0	0	3	2	1	0
1 year	48	6	4	7	1	7	5	5	3	2	4	2	2
2 years	43	5	4	10	4	9	6	1	2	0	1	1	0
3 years	42	5	6	6	5	8	6	1	0	1	2	0	2
4 years	30	0	7	6	5	4	1	0	4	2	1	0	0
Under 5 years	197	19	28	40	18	30	20	7	9	8	10	4	4
5 to 9 years	257	12	34	60	48	45	33	6	3	4	2	4	6
10 to 14 years	70	5	10	5	16	8	13	1	2	4	0	1	5
15 to 19 years	13	1	2	1	1	4	1	0	2	0	0	1	0
20 to 24 years	7	1	1	1	1	1	0	0	0	0	1	0	1
25 to 34 years	11	1	1	3	2	1	1	0	0	0	1	0	1
35 to 44 years	2	0	2	0	0	0	0	0	0	0	0	0	0
45 to 54 years	1	0	0	0	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	1	0	0	1	0	0	0	0	0	0	0	0	0
Total	559	39	78	111	86	89	68	14	16	16	14	10	18

REPORTED CASES AND DEATHS FROM GERMAN MEASLES IN NEW JERSEY

For the Calendar Year 1933 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	16	0	18	0	34	0
1 year	27	0	21	0	48	0
2 years	22	0	21	0	43	0
3 years	25	0	17	0	42	0
4 years	18	0	12	0	30	0
Under 5 years	108	0	89	0	197	0
5 to 9 years	126	0	131	0	257	0
10 to 14 years	39	0	31	0	70	0
15 to 19 years	5	0	8	0	13	0
20 to 24 years	3	0	4	0	7	0
25 to 34 years	3	0	8	0	11	0
35 to 44 years	0	0	2	0	2	0
45 to 54 years	0	0	1	0	1	0
55 to 64 years	0	0	0	0	0	0
65 years and over	0	0	0	0	0	0
Age not stated	0	0	1	0	1	0
Total	284	0	275	0	559	0

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REPORTED CASES OF INFLUENZA IN NEW JERSEY

For the Calendar Year 1933 by Age Groups and Months.

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	33	18	9	3	2	0	0	0	0	0	0	1	0
1 year	59	29	21	1	2	0	0	0	0	0	0	2	4
2 years	72	42	22	2	1	0	0	0	0	0	0	0	5
3 years	75	50	15	0	4	0	0	0	0	0	2	1	3
4 years	61	42	14	1	0	0	0	0	0	0	0	1	3
Under 5 years	300	181	81	7	9	0	0	0	0	0	2	5	15
5 to 9 years	232	141	40	9	8	0	0	0	0	4	6	10	14
10 to 14 years	132	94	22	3	2	0	0	1	1	2	1	2	4
15 to 19 years	126	76	27	3	4	2	0	0	1	2	1	3	7
20 to 24 years	207	144	35	6	5	0	1	2	0	4	2	3	5
25 to 34 years	436	298	74	18	7	2	2	2	1	3	5	8	16
35 to 44 years	455	319	66	18	6	3	1	1	0	6	12	12	11
45 to 54 years	251	147	45	22	5	4	0	0	0	1	6	10	11
55 to 64 years	147	85	22	11	7	0	1	1	1	1	2	10	6
65 years and over	130	67	25	8	4	1	2	0	1	1	4	8	9
Age not stated	3	2	1	0	0	0	0	0	0	0	0	0	0
Total	2419	1554	438	105	57	12	7	7	5	24	41	71	98

REPORTED CASES AND DEATHS FROM INFLUENZA IN NEW JERSEY

For the Calendar Year 1933 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	20	19	13	18	33	37
1 year	25	5	34	9	59	14
2 years	36	3	36	3	72	6
3 years	43	2	32	3	75	5
4 years	36	0	25	0	61	0
Under 5 years	160	29	140	33	300	62
5 to 9 years	109	10	123	4	232	14
10 to 14 years	72	2	60	4	132	6
15 to 19 years	63	6	63	3	126	9
20 to 24 years	80	8	127	10	207	18
25 to 34 years	195	21	241	21	436	42
35 to 44 years	219	26	236	32	455	58
45 to 54 years	125	47	126	35	251	82
55 to 64 years	73	36	74	32	147	68
65 years and over	59	57	71	98	130	155
Age not stated	0	0	3	0	3	0
Total	1155	242	1264	272	2419	514

REPORTED CASES OF LETHARGIC ENCEPHALITIS IN NEW JERSEY

For the Calendar Year 1933 by Age Groups and Months.

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	0	0	0	0	0	0	0	0	0	0	0	0	0
1 year	4	0	0	0	1	0	0	0	1	0	2	0	0
2 years	1	0	0	1	0	0	0	0	0	0	0	0	0
3 years	2	0	0	0	0	0	0	0	1	0	1	0	0
4 years	2	0	0	0	0	0	0	1	1	0	0	0	0
Under 5 years	9	0	0	1	1	0	0	1	3	0	3	0	0
5 to 9 years	7	1	0	1	0	1	1	0	0	1	0	2	0
10 to 14 years	5	0	0	0	0	1	0	1	0	2	0	0	1
15 to 19 years	4	0	0	1	0	0	0	0	1	1	0	1	0
20 to 24 years	3	1	1	0	0	0	0	0	0	0	1	0	0
25 to 34 years	6	0	1	0	0	0	0	0	1	1	2	1	0
35 to 44 years	2	0	0	0	0	0	0	0	2	0	0	0	0
45 to 54 years	8	0	0	0	3	0	2	1	1	1	0	0	0
55 to 64 years	2	0	0	1	0	0	0	0	0	0	1	0	0
65 years and over	2	0	0	0	1	0	0	0	0	0	0	1	0
Age not stated	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	48	2	2	4	5	2	3	3	8	6	7	5	1

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REPORTED CASES AND DEATHS FROM LETHARGIC ENCEPHALITIS IN NEW JERSEY

For the Calendar Year 1933 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	0	1	0	0	0	1
1 year	3	2	1	1	4	3
2 years	1	0	0	1	1	1
3 years	1	0	1	0	2	0
4 years	2	0	0	0	2	0
Under 5 years	7	3	2	2	9	5
5 to 9 years	3	0	4	0	7	0
10 to 14 years	4	1	1	0	5	1
15 to 19 years	1	1	3	2	4	3
20 to 24 years	0	0	3	1	3	1
25 to 34 years	3	4	3	2	6	6
35 to 44 years	1	2	1	3	2	5
45 to 54 years	4	6	4	5	8	11
55 to 64 years	1	0	1	2	2	2
65 years and over	1	1	1	1	2	2
Age not stated	0	0	0	0	0	0
Total	25	18	23	18	48	36

REPORTED CASES OF MEASLES IN NEW JERSEY

For the Calendar Year 1933 by Age Groups and Months.

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	564	38	56	118	141	90	54	22	10	10	7	5	13
1 year	1422	69	164	285	387	263	136	59	17	7	6	9	20
2 years	2200	83	266	579	526	381	234	69	14	9	7	10	22
3 years	2085	106	150	438	589	448	228	75	11	3	6	8	23
4 years	2812	148	329	640	756	550	274	58	11	4	5	12	25
Under 5 years	9083	444	965	2060	2399	1732	926	283	63	33	31	44	103
5 to 9 years	18864	979	2290	4733	4780	3577	1781	387	23	19	27	68	200
10 to 14 years	2205	122	268	511	498	432	249	76	3	3	2	15	26
15 to 19 years	182	14	26	33	48	37	15	4	2	0	0	0	3
20 to 24 years	86	12	3	24	17	19	6	1	0	0	0	2	2
25 to 34 years	71	5	0	23	11	21	5	3	1	1	0	1	0
35 to 44 years	29	1	5	6	4	9	2	1	0	1	0	0	0
45 to 54 years	12	0	0	1	8	1	1	0	0	0	0	0	1
55 to 64 years	5	1	1	1	2	0	0	0	0	0	0	0	0
65 years and over	7	0	1	0	2	3	1	0	0	0	0	0	0
Age unknown	89	37	11	18	7	10	3	1	0	0	0	1	1
Total	30633	1615	3570	7410	7776	5841	2989	756	92	57	60	131	336

REPORTED CASES AND DEATHS FROM MEASLES IN NEW JERSEY

For the Calendar Year 1933 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	273	8	291	7	564	15
1 year	718	7	704	9	1422	16
2 years	1095	8	1105	4	2200	12
3 years	1025	1	1060	4	2085	5
4 years	1374	1	1438	0	2812	1
Under 5 years	4485	25	4598	24	9083	49
5 to 9 years	9641	10	9223	9	18864	19
10 to 14 years	1126	0	1079	0	2205	0
15 to 19 years	87	0	95	0	182	0
20 to 24 years	27	0	59	1	86	1
25 to 34 years	29	0	42	0	71	0
35 to 44 years	11	0	18	0	29	0
45 to 54 years	4	0	8	1	12	1
55 to 64 years	3	0	2	0	5	0
65 years and over	4	1	3	0	7	1
Age not stated	41	0	48	0	89	0
Total	15458	36	15175	35	30633	71

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REPORTED CASES OF MUMPS IN NEW JERSEY

For the Calendar Year 1933 by Age Groups and Months.

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	24	3	2	5	6	6	0	1	1	0	0	0	0
1 year	101	14	8	15	20	23	9	5	3	0	1	0	3
2 years	198	10	14	49	36	37	29	8	3	2	0	6	4
3 years	259	22	28	42	46	43	33	13	9	4	1	6	12
4 years	376	40	39	74	56	64	39	20	6	6	5	16	11
Under 5 years	958	89	91	185	164	173	110	47	22	12	7	28	30
5 to 9 years	4807	634	719	974	767	771	511	125	33	23	46	111	93
10 to 14 years	1699	236	261	403	300	232	126	35	10	20	13	36	27
15 to 19 years	261	28	43	71	44	39	17	6	4	3	2	1	3
20 to 24 years	142	19	18	27	37	24	11	4	0	1	0	1	0
25 to 34 years	221	20	36	53	42	31	13	14	5	0	1	1	5
35 to 44 years	117	16	13	24	30	21	7	4	1	0	0	1	0
45 to 54 years	41	5	4	4	14	6	5	2	0	0	0	0	1
55 to 64 years	13	2	1	1	5	2	1	0	0	1	0	0	0
65 years and over	4	1	0	1	2	0	0	0	0	0	0	0	0
Age not stated	18	3	3	2	7	2	1	0	0	0	0	0	0
Total	8281	1053	1189	1745	1412	1301	802	237	75	60	69	179	159

REPORTED CASES AND DEATHS FROM MUMPS IN NEW JERSEY

For the Calendar Year 1933 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	17	2	7	1	24	3
1 year	63	0	38	0	101	0
2 years	118	0	80	0	198	0
3 years	141	0	118	0	259	0
4 years	193	0	183	0	376	0
Under 5 years	532	2	426	1	958	3
5 to 9 years	2552	0	2255	1	4807	1
10 to 14 years	887	0	812	0	1699	0
15 to 19 years	133	0	128	0	261	0
20 to 24 years	51	0	91	0	142	0
25 to 34 years	71	0	150	1	221	1
35 to 44 years	51	0	66	0	117	0
45 to 54 years	19	0	22	0	41	0
55 to 64 years	8	0	5	0	13	0
65 years and over	2	0	2	0	4	0
Age not stated	10	0	8	0	18	0
Total	4316	2	3965	3	8281	5

REPORTED CASES OF PARA-TYPHOID FEVER IN NEW JERSEY

For the Calendar Year 1933 by Age Groups and Months.

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

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

For the Calendar Year 1933 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	1	0	0	0	1	0
4 years	0	0	0	0	0	0
Under 5 years	1	0	0	0	1	0
5 to 9 years	1	0	0	0	1	0
10 to 14 years	0	0	0	0	0	0
15 to 19 years	0	0	0	0	0	0
20 to 24 years	0	0	0	0	0	0
25 to 34 years	0	0	1	1	1	1
35 to 44 years	2	0	0	0	2	0
45 to 54 years	0	0	0	0	0	0
55 to 64 years	0	0	0	0	0	0
65 years and over	0	0	0	0	0	0
Age not stated	0	0	0	0	0	0
Total	4	0	1	1	5	1

REPORTED CASES OF PNEUMONIA IN NEW JERSEY

For the Calendar Year 1933 by Age Groups and Months.

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	468	104	66	65	42	18	19	5	16	19	24	45	45
1 year	354	81	38	44	31	24	22	4	13	8	17	45	27
2 years	278	44	39	32	27	16	19	3	7	2	23	37	29
3 years	224	51	30	21	17	24	8	8	4	1	14	29	17
4 years	166	41	16	17	18	5	11	1	2	6	18	17	14
Under 5 years	1490	321	189	179	135	87	79	21	42	36	96	173	132
5 to 9 years	704	103	69	84	65	57	27	14	7	13	61	145	59
10 to 14 years	247	39	14	27	23	21	13	6	7	7	18	39	33
15 to 19 years	200	28	27	23	17	15	9	4	7	4	11	26	29
20 to 24 years	202	43	24	20	20	16	9	3	6	5	17	20	19
25 to 34 years	473	117	47	46	28	32	19	12	21	19	33	51	48
35 to 44 years	540	141	46	71	38	30	25	14	10	18	27	61	59
45 to 54 years	502	92	50	72	39	28	30	16	14	24	25	39	73
55 to 64 years	427	78	42	55	35	24	19	16	13	13	29	48	55
65 years and over	714	158	71	81	49	53	25	26	22	26	32	83	88
Age not stated	17	7	2	0	0	1	1	0	0	0	0	2	4
Total	5516	1127	581	658	449	364	256	132	149	165	349	687	599

REPORTED CASES AND DEATHS FROM PNEUMONIA IN NEW JERSEY

For the Calendar Year 1933 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	273	258	195	193	468	451
1 year	193	75	161	61	354	136
2 years	158	33	120	26	278	59
3 years	119	18	105	17	224	35
4 years	103	8	63	10	166	18
Under 5 years	846	392	644	307	1490	699
5 to 9 years	378	30	326	36	704	66
10 to 14 years	130	21	117	18	247	39
15 to 19 years	131	36	69	23	200	59
20 to 24 years	113	32	89	29	202	61
25 to 34 years	228	93	245	83	473	176
35 to 44 years	325	180	215	108	540	288
45 to 54 years	313	241	189	145	502	386
55 to 64 years	251	247	176	168	427	415
65 years and over	317	380	397	416	714	796
Age not stated	12	0	5	0	17	0
Total	3044	1652	2472	1333	5516	2985

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REPORTED CASES OF ANTERIOR POLIOMYELITIS IN NEW JERSEY

For the Calendar Year 1933 by Age Groups and Months.

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	4	0	0	0	0	1	0	0	1	2	0	0	0
1 year	16	0	0	0	0	0	0	4	3	7	2	0	0
2 years	19	0	0	0	0	0	1	1	6	10	1	0	0
3 years	20	0	0	0	0	1	0	1	6	10	2	0	0
4 years	17	1	0	0	0	0	0	2	4	7	2	1	0
Under 5 years	76	1	0	0	0	2	1	8	20	36	7	1	0
5 to 9 years	84	0	1	0	0	1	0	3	23	32	21	2	1
10 to 14 years	39	0	0	0	1	2	0	1	11	17	7	0	0
15 to 19 years	23	1	0	0	0	0	0	2	3	13	3	1	0
20 to 24 years	5	0	0	0	0	0	0	1	2	2	0	0	0
25 to 34 years	4	0	0	0	0	0	0	0	2	1	1	0	0
35 to 44 years	2	0	0	0	0	1	0	0	0	0	0	0	1
45 to 54 years	0	0	0	0	0	0	0	0	0	0	0	0	0
55 to 64 years	1	0	0	0	0	0	0	0	0	1	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	234	2	1	0	1	6	1	15	61	102	39	4	2

REPORTED CASES AND DEATHS FROM ANTERIOR POLIOMYELITIS IN NEW JERSEY

For the Calendar Year 1933 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	2	0	2	1	4	1
1 year	13	1	3	0	16	1
2 years	11	0	8	0	19	0
3 years	13	0	7	0	20	0
4 years	11	3	6	0	17	3
Under 5 years	50	4	26	1	76	5
5 to 9 years	52	4	32	1	84	5
10 to 14 years	24	1	15	2	39	3
15 to 19 years	16	3	7	1	23	4
20 to 24 years	1	1	4	1	5	2
25 to 34 years	3	0	1	1	4	1
35 to 44 years	1	1	1	2	2	3
45 to 54 years	0	1	0	0	0	1
55 to 64 years	1	0	0	0	1	0
65 years and over	0	0	0	0	0	0
Age not stated	0	0	0	0	0	0
Total	148	15	86	9	234	24

REPORTED CASES OF SCARLET FEVER IN NEW JERSEY

For the Calendar Year 1933 by Age Groups and Months.

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	32	5	4	6	6	1	0	2	0	0	1	3	4
1 year	135	20	22	22	26	11	6	1	1	3	3	8	12
2 years	362	54	58	64	50	41	15	11	8	5	14	20	22
3 years	537	79	68	91	82	60	21	18	5	10	27	30	46
4 years	627	95	84	114	112	62	28	17	12	7	28	36	32
Under 5 years	1693	253	236	297	276	175	70	49	26	25	73	97	116
5 to 9 years	4110	566	622	715	540	555	207	91	43	81	175	247	268
10 to 14 years	1642	236	245	331	245	196	94	26	12	27	46	97	87
15 to 19 years	445	79	87	80	50	45	12	13	5	8	15	20	31
20 to 24 years	219	33	38	40	37	18	6	4	3	6	9	12	13
25 to 34 years	317	44	51	57	44	24	13	12	3	8	6	24	31
35 to 44 years	144	21	18	26	15	12	5	5	2	2	7	11	20
45 to 54 years	32	4	4	6	5	2	1	1	1	2	0	3	3
55 to 64 years	9	2	2	1	1	1	0	0	0	0	0	1	1
65 years and over	1	0	0	1	0	0	0	0	0	0	0	0	0
Age not stated	26	3	4	8	5	1	1	0	1	1	0	1	1
Total	8638	1241	1307	1562	1218	1029	409	201	96	160	331	513	571

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REPORTED CASES AND DEATHS FROM SCARLET FEVER IN NEW JERSEY

For the Calendar Year 1933 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	19	2	13	0	32	2
1 year	73	1	62	3	135	4
2 years	205	1	157	3	362	4
3 years	295	5	242	3	537	8
4 years	319	3	308	4	627	7
Under 5 years	911	12	782	13	1693	25
5 to 9 years	2075	11	2035	6	4110	17
10 to 14 years	810	4	832	3	1642	7
15 to 19 years	201	0	244	1	445	1
20 to 24 years	73	0	146	1	219	1
25 to 34 years	104	1	213	3	317	4
35 to 44 years	55	2	89	1	144	3
45 to 54 years	13	0	19	0	32	0
55 to 64 years	4	1	5	0	9	1
65 years and over	0	0	1	0	1	0
Age not stated	12	0	14	0	26	0
Total	4258	31	4380	28	8638	59

REPORTED CASES OF TETANUS IN NEW JERSEY

For the Calendar Year 1933 by Age Groups and Months.

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	0	0	0	0	0	0	0	0	0	0	0	0	0
1 year	0	0	0	0	0	0	0	0	0	0	0	0	0
2 years	0	0	0	0	0	0	0	0	0	0	0	0	0
3 years	0	0	0	0	0	0	0	0	0	0	0	0	0
4 years	0	0	0	0	0	0	0	0	0	0	0	0	0
Under 5 years	0	0	0	0	0	0	0	0	0	0	0	0	0
5 to 9 years	0	0	0	0	0	0	0	0	0	0	0	0	0
10 to 14 years	6	0	0	0	0	1	0	2	0	3	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	1	0	0	0	0	0	0	0
25 to 34 years	0	0	0	0	0	0	0	0	0	0	0	0	0
35 to 44 years	3	1	1	0	0	0	0	0	0	0	1	0	0
45 to 54 years	0	0	0	0	0	0	0	0	0	0	0	0	0
55 to 64 years	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	12	1	1	0	0	2	0	2	1	4	1	0	0

REPORTED CASES AND DEATHS FROM TETANUS IN NEW JERSEY

For the Calendar Year 1933 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	1	0	1	0	2
4 years	0	0	0	0	0	0
Under 5 years	0	1	0	1	0	2
5 to 9 years	0	2	0	1	0	3
10 to 14 years	6	5	0	0	6	5
15 to 19 years	1	0	1	0	2	0
20 to 24 years	1	1	0	0	1	1
25 to 34 years	0	0	0	1	0	1
35 to 44 years	3	1	0	0	3	1
45 to 54 years	0	0	0	0	0	0
55 to 64 years	0	0	0	0	0	0
65 years and over	0	0	0	0	0	0
Age not stated	0	0	0	0	0	0
Total	11	10	1	3	12	13

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REPORTED CASES OF TRACHOMA IN NEW JERSEY

For the Calendar Year 1933 by Age Groups and Months.

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	0	0	0	0	0	0	0	0	0	0	0	0	0
1 year	0	0	0	0	0	0	0	0	0	0	0	0	0
2 years	0	0	0	0	0	0	0	0	0	0	0	0	0
3 years	0	0	0	0	0	0	0	0	0	0	0	0	0
4 years	0	0	0	0	0	0	0	0	0	0	0	0	0
Under 5 years	0	0	0	0	0	0	0	0	0	0	0	0	0
5 to 9 years	12	0	6	6	0	0	0	0	0	0	0	0	0
10 to 14 years	22	0	13	5	0	2	1	0	0	0	1	0	0
15 to 19 years	2	0	0	0	0	2	0	0	0	0	0	0	0
20 to 24 years	2	1	0	0	1	0	0	0	0	0	0	0	0
25 to 34 years	1	0	0	1	0	0	0	0	0	0	0	0	0
35 to 44 years	3	0	1	1	0	0	0	0	0	0	0	1	0
45 to 54 years	1	0	0	0	0	1	0	0	0	0	0	0	0
55 to 64 years	1	0	0	0	0	0	1	0	0	0	0	0	0
65 years and over	0	0	0	0	0	0	0	0	0	0	0	0	0
Age not stated	1	0	0	0	0	0	1	0	0	0	0	0	0
Total	45	1	20	13	1	5	3	0	0	0	1	1	0

REPORTED CASES AND DEATHS FROM TRACHOMA IN NEW JERSEY

For the Calendar Year 1933 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	12	0	0	0	12	0
10 to 14 years	17	0	5	0	22	0
15 to 19 years	1	0	1	0	2	0
20 to 24 years	2	0	0	0	2	0
25 to 34 years	1	0	0	0	1	0
35 to 44 years	2	0	1	0	3	0
45 to 54 years	0	0	1	0	1	0
55 to 64 years	1	0	0	0	1	0
65 years and over	0	0	0	0	0	0
Age not stated	1	0	0	0	1	0
Total	37	0	8	0	45	0

REPORTED CASES OF TRICHINOSIS IN NEW JERSEY

For the Calendar Year 1933 by Age Groups and Months.

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	0	0	0	0	0	0	0	0	0	0	0	0	0
1 year	0	0	0	0	0	0	0	0	0	0	0	0	0
2 years	4	0	0	0	0	0	3	0	0	0	0	0	1
3 years	1	0	0	0	0	0	1	0	0	0	0	0	0
4 years	1	0	0	0	0	0	1	0	0	0	0	0	0
Under 5 years	6	0	0	0	0	0	5	0	0	0	0	0	1
5 to 9 years	6	0	0	0	0	0	2	0	0	0	0	0	4
10 to 14 years	6	0	0	0	0	0	5	0	0	0	0	0	1
15 to 19 years	4	0	0	0	0	1	2	0	0	0	0	0	1
20 to 24 years	1	0	0	0	0	0	1	0	0	0	0	0	0
25 to 34 years	10	0	3	1	0	0	5	0	0	0	0	1	0
35 to 44 years	14	0	0	2	1	0	8	0	0	0	0	0	3
45 to 54 years	2	0	0	0	0	0	0	0	0	1	0	1	0
55 to 64 years	0	0	0	0	0	0	0	0	0	0	0	0	0
65 years and over	0	0	0	0	0	0	0	0	0	0	0	0	0
Age not stated	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	49	0	3	3	1	1	28	0	0	1	0	2	10

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REPORTED CASES AND DEATHS FROM TRICHINOSIS IN NEW JERSEY

For the Calendar Year 1933 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	3	0	1	0	4	0
3 years	0	0	1	0	1	0
4 years	1	0	0	0	1	0
Under 5 years	4	0	2	0	6	0
5 to 9 years	2	0	4	0	6	0
10 to 14 years	3	0	3	0	6	0
15 to 19 years	3	0	1	1	4	1
20 to 24 years	1	0	0	0	1	0
25 to 34 years	4	0	6	0	10	0
35 to 44 years	10	1	4	0	14	1
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	27	1	22	1	49	2

REPORTED CASES OF TUBERCULOSIS IN NEW JERSEY

For the Calendar Year 1933 by Age Groups and Months.

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	30	1	1	4	5	1	4	4	6	2	1	1	0
1 year	23	1	1	5	3	0	3	2	1	3	0	0	4
2 years	15	0	1	1	4	4	2	0	0	0	0	1	2
3 years	10	1	0	0	3	1	1	2	1	0	0	1	0
4 years	12	1	0	1	1	2	1	2	0	0	1	0	3
Under 5 years	90	4	3	11	16	8	11	10	8	5	2	3	9
5 to 9 years	152	9	10	17	10	7	15	26	21	6	8	11	12
10 to 14 years	204	22	15	25	9	19	21	15	17	19	12	17	13
15 to 19 years	333	39	27	18	29	24	34	31	19	32	25	30	25
20 to 24 years	613	62	51	69	50	48	64	51	58	50	38	34	38
25 to 34 years	1056	92	91	95	105	90	99	94	73	83	88	71	75
35 to 44 years	847	94	74	73	78	66	81	79	73	45	69	59	56
45 to 54 years	602	55	52	54	54	44	73	35	52	43	42	53	45
55 to 64 years	386	38	32	41	23	33	46	34	24	32	25	36	22
65 years and over	167	17	12	15	12	10	24	11	14	18	13	11	10
Age not stated	11	2	0	1	1	1	2	0	0	0	0	3	1
Total	4461	434	367	419	387	350	470	386	359	333	322	328	306

REPORTED CASES AND DEATHS FROM TUBERCULOSIS IN NEW JERSEY

For the Calendar Year 1933 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	20	8	10	12	30	20
1 year	13	6	10	13	23	19
2 years	5	7	10	3	15	10
3 years	6	4	4	4	10	8
4 years	6	0	6	6	12	6
Under 5 years	50	25	40	38	90	63
5 to 9 years	79	11	73	21	152	32
10 to 14 years	88	8	116	19	204	27
15 to 19 years	123	57	210	76	333	133
20 to 24 years	252	115	361	133	613	248
25 to 34 years	522	257	534	275	1056	532
35 to 44 years	536	281	311	163	847	444
45 to 54 years	449	312	153	119	602	431
55 to 64 years	283	224	103	82	386	306
65 years and over	114	100	53	60	167	160
Age not stated	5	0	6	0	11	0
Total	2501	1390	1960	986	4461	2376

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REPORTED CASES OF TYPHOID FEVER IN NEW JERSEY

For the Calendar Year 1933 by Age Groups and Months.

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	1	0	0	0	0	1	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	0	0	0	0	1	0	1	0	0	0	0	0
3 years	4	0	0	0	0	0	1	0	0	3	0	0	0
4 years	7	0	1	0	1	1	0	1	1	1	0	1	0
Under 5 years	14	0	1	0	1	3	1	2	1	4	0	1	0
5 to 9 years	23	2	1	1	0	3	1	3	3	4	4	0	1
10 to 14 years	41	0	0	1	1	2	3	12	9	6	5	2	0
15 to 19 years	33	2	1	5	1	1	2	3	5	5	7	1	0
20 to 24 years	30	0	2	1	1	4	2	7	2	3	3	3	2
25 to 34 years	53	0	4	4	4	8	4	6	2	1	8	7	5
35 to 44 years	32	1	1	2	1	3	3	4	4	2	3	3	5
45 to 54 years	26	1	1	0	0	2	5	4	2	2	3	3	3
55 to 64 years	4	0	0	0	0	0	0	1	2	1	0	0	0
65 years and over	1	0	0	0	0	0	0	0	0	1	0	0	0
Age not stated	1	0	0	0	0	0	0	0	0	0	0	0	1
Total	258	6	11	14	9	26	21	42	30	29	33	20	17

REPORTED CASES AND DEATHS FROM TYPHOID FEVER IN NEW JERSEY

For the Calendar Year 1933 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	0	0	0	0	0	0
2 years	1	0	1	0	2	0
3 years	2	0	2	0	4	0
4 years	3	0	4	0	7	0
Under 5 years	7	1	7	0	14	1
5 to 9 years	12	1	11	1	23	2
10 to 14 years	26	1	15	1	41	2
15 to 19 years	20	2	13	1	33	3
20 to 24 years	17	5	13	1	30	6
25 to 34 years	36	9	17	4	53	13
35 to 44 years	19	6	13	3	32	9
45 to 54 years	18	4	8	0	26	4
55 to 64 years	3	1	1	0	4	1
65 years and over	0	0	1	1	1	1
Age not stated	1	0	0	0	1	0
Total	159	30	99	12	258	42

REPORTED CASES OF UNDULANT FEVER IN NEW JERSEY

For the Calendar Year 1933 by Age Groups and Months.

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	0	0	0	0	0	0	0	0	0	0	0	0	0
1 year	0	0	0	0	0	0	0	0	0	0	0	0	0
2 years	0	0	0	0	0	0	0	0	0	0	0	0	0
3 years	0	0	0	0	0	0	0	0	0	0	0	0	0
4 years	0	0	0	0	0	0	0	0	0	0	0	0	0
Under 5 years	0	0	0	0	0	0	0	0	0	0	0	0	0
5 to 9 years	2	0	2	0	0	0	0	0	0	0	0	0	0
10 to 14 years	1	0	1	0	0	0	0	0	0	0	0	0	0
15 to 19 years	2	0	1	1	0	0	0	0	0	0	0	0	0
20 to 24 years	3	0	1	0	0	0	2	0	0	0	0	0	0
25 to 34 years	8	0	2	0	0	1	1	1	1	0	0	0	2
35 to 44 years	7	2	0	1	1	0	1	0	0	0	0	1	1
45 to 54 years	2	0	0	0	0	1	0	0	1	0	0	0	0
55 to 64 years	0	0	0	0	0	0	0	0	0	0	0	0	0
65 years and over	3	1	0	0	0	0	0	0	0	0	0	1	1
Age not stated	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	28	3	7	2	1	2	4	1	2	0	0	2	4

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REPORTED CASES AND DEATHS FROM UNDULANT FEVER IN NEW JERSEY

For the Calendar Year 1933 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	2	0	2	0
10 to 14 years	1	0	0	0	1	0
15 to 19 years	1	0	1	0	2	0
20 to 24 years	3	0	0	0	3	0
25 to 34 years	5	0	3	1	8	1
35 to 44 years	4	0	3	0	7	0
45 to 54 years	1	0	1	0	2	0
55 to 64 years	0	0	0	1	0	1
65 years and over	2	0	1	0	3	0
Age not stated	0	0	0	0	0	0
Total	17	0	11	2	28	2

REPORTED CASES OF WHOOPING COUGH IN NEW JERSEY

For the Calendar Year 1933 by Age Groups and Months.

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Under 1 year	440	28	21	25	29	54	45	48	47	48	31	32	32
1 year	566	39	28	33	53	53	63	70	58	40	50	38	41
2 years	720	38	43	63	55	71	73	90	80	56	38	54	59
3 years	782	43	55	70	57	83	65	99	76	60	58	60	56
4 years	794	38	46	70	55	91	95	101	74	61	50	58	55
Under 5 years	3302	186	193	261	249	352	341	408	335	265	227	242	243
5 to 9 years	2846	179	245	373	221	329	318	252	151	136	207	213	222
10 to 14 years	224	15	17	31	14	33	22	17	10	12	15	24	14
15 to 19 years	18	1	0	3	0	1	1	2	3	1	3	3	0
20 to 24 years	12	0	1	3	0	0	1	1	0	0	4	2	0
25 to 34 years	29	3	3	2	1	1	2	6	0	4	1	1	5
35 to 44 years	10	1	1	2	1	1	2	1	0	0	0	1	0
45 to 54 years	2	0	0	0	0	0	0	0	0	0	1	1	0
55 to 64 years	1	0	1	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	12	2	2	1	0	2	1	1	1	0	1	0	1
Total	6456	387	463	676	486	719	688	688	500	418	459	487	485

REPORTED CASES AND DEATHS FROM WHOOPING COUGH IN NEW JERSEY

For the Calendar Year 1933 by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	229	9	211	16	440	25
1 year	280	5	286	5	566	10
2 years	336	0	384	2	720	2
3 years	374	1	408	2	782	3
4 years	390	1	404	1	794	2
Under 5 years	1609	16	1693	26	3302	42
5 to 9 years	1379	1	1467	0	2846	1
10 to 14 years	108	0	116	0	224	0
15 to 19 years	6	0	12	0	18	0
20 to 24 years	4	0	8	0	12	0
25 to 34 years	7	0	22	0	29	0
35 to 44 years	2	0	8	0	10	0
45 to 54 years	1	0	1	0	2	0
55 to 64 years	0	0	1	0	1	0
65 years and over	0	0	0	0	0	0
Age not stated	6	0	6	0	12	0
Total	3122	17	3334	26	6456	43

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REPORTED CASES AND DEATHS FROM CHICKENPOX AND DIPHTHERIA BY COUNTIES FOR 1933

COUNTIES	CHICKENPOX			DIPHTHERIA				
	Cases	Cases per 1000 Pop.	Deaths	Cases	Cases per 1000 Pop.	Deaths	Deaths per 1000 Pop.	Percent Fatality
Atlantic	226	1.64	0	7	0.05	0	...	...
Bergen	1915	4.62	0	64	0.15	4	0.01	6.25
Burlington	163	1.67	0	6	0.06	0	...	...
Camden	442	1.62	2	111	0.41	5	0.02	4.50
Cape May	70	2.14	0	0	...	0	...	...
Cumberland	65	0.89	1	14	0.19	1	0.01	7.14
Essex	4691	5.26	2	79	0.09	3	0.003	3.79
Gloucester	141	1.81	0	2	0.02	2	0.02	100.00
Hudson	1168	1.64	2	433	0.61	19	0.02	4.38
Hunterdon	24	0.68	0	3	0.08	0	...	...
Mercer	290	1.48	0	21	0.10	0	...	...
Middlesex	300	1.31	0	35	0.15	0	...	...
Monmouth	762	4.74	0	4	0.02	1	0.006	25.00
Morris	454	3.80	0	14	0.11	1	0.01	7.14
Ocean	40	1.09	1	1	0.02	0	...	...
Passaic	824	2.61	0	173	0.54	13	0.04	7.51
Salem	15	0.40	0	8	0.21	1	0.02	12.50
Somerset	247	3.50	0	11	0.15	1	0.01	9.09
Sussex	123	4.27	0	0	...	0	...	...
Union	1332	3.93	0	44	0.13	1	0.003	2.27
Warren	11	0.21	0	5	0.10	0	...	...
State	13303	3.07	8	1035	0.24	52	0.01	5.02

REPORTED CASES AND DEATHS FROM DYSENTERY, LEPROSY, OPTHALMIA NEONATORUM AND PARATYPHOID FEVER BY COUNTIES FOR 1933

COUNTIES	DYSENTERY		LEPROSY		OPHTHALMIA NEONATORUM		PARATYPHOID FEVER	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Atlantic	2	0	0	0	0	0	1	1
Bergen	0	0	0	0	0	0	1	0
Burlington	0	1	0	0	0	0	1	0
Camden	1	1	0	0	1	0	0	0
Cape May	0	0	0	0	0	0	0	0
Cumberland	0	0	0	0	0	0	0	0
Essex	11	1	1	0	15	0	1	0
Gloucester	0	1	0	0	0	0	0	0
Hudson	11	2	0	0	4	0	1	0
Hunterdon	0	0	0	0	1	0	0	0
Mercer	0	1	0	0	1	0	0	0
Middlesex	0	0	0	0	0	0	0	0
Monmouth	0	0	0	0	0	0	0	0
Morris	1	1	0	0	1	0	0	0
Ocean	0	0	0	0	0	0	0	0
Passaic	0	0	0	0	0	0	0	0
Salem	0	1	0	0	0	0	0	0
Somerset	0	0	0	0	2	0	0	0
Sussex	0	0	0	0	1	0	0	0
Union	1 0	0	0	0	0	0	0	0
Warren	0	0	0	0	0	0	0	0
State	27	9	1	0	26	0	5	1

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REPORTED CASES AND DEATHS FROM INFLUENZA AND PNEUMONIA BY COUNTIES FOR 1933

COUNTIES	INFLUENZA				PNEUMONIA			
	Cases	Cases per 1000 Pop.	Deaths	Deaths per 1000 Pop.	Cases	Cases per 1000 Pop.	Deaths	Deaths per 1000 Pop.
Atlantic	51	0.37	19	0.13	67	0.48	106	0.77
Bergen	128	0.31	38	0.09	594	1.43	239	0.57
Burlington	17	0.17	12	0.12	37	0.38	56	0.57
Camden	62	0.23	44	0.16	275	1.01	192	0.70
Cape May	46	1.41	2	0.06	20	0.61	29	0.88
Cumberland	10	0.13	14	0.19	27	0.37	36	0.49
Essex	958	1.07	65	0.07	2813	3.15	605	0.68
Gloucester	10	0.13	10	0.13	44	0.56	45	0.57
Hudson	591	0.83	58	0.08	408	0.57	541	0.76
Hunterdon	1	0.03	8	0.22	9	0.25	32	0.90
Mercer	147	0.75	19	0.09	218	1.11	141	0.72
Middlesex	4	0.01	26	0.11	88	0.38	151	0.66
Monmouth	72	0.45	24	0.15	192	1.19	104	0.64
Morris	25	0.21	14	0.11	225	1.88	95	0.79
Ocean	9	0.24	5	0.13	3	0.08	27	0.74
Passaic	180	0.57	58	0.18	177	0.56	221	0.70
Salem	2	0.05	10	0.27	4	0.11	29	0.78
Somerset	10	0.14	6	0.08	37	0.52	56	0.79
Sussex	53	1.84	9	0.31	66	2.29	29	1.01
Union	43	0.12	62	0.18	210	0.62	213	0.63
Warren	0	....	11	0.21	2	0.04	38	0.75
State	2419	0.56	514	0.12	5516	1.27	2985	0.69

REPORTED CASES AND DEATHS FROM MALARIA AND EPIDEMIC CEREBROSPINAL MENINGITIS BY COUNTIES FOR 1933

COUNTIES	MALARIA			EPIDEMIC CEREBROSPINAL MENINGITIS				
	Cases	Cases per 1000 Pop.	Deaths	Cases	Cases per 1000 Pop.	Deaths	Deaths per 1000 Pop.	Percent Fatality
Atlantic	2	0.01	0	0	....	0	....	....
Bergen	0	....	0	11	0.02	1	0.002	9.09
Burlington	0	....	0	0	....	0	....	....
Camden	0	....	0	2	0.007	0	....	....
Cape May	0	....	0	0	....	0	....	....
Cumberland	0	....	0	0	....	0	....	....
Essex	4	0.004	0	21	0.02	4	0.004	19.04
Gloucester	1	0.01	1	2	0.02	2	0.02	100.00
Hudson	1	0.001	0	16	0.02	5	0.007	31.25
Hunterdon	0	....	0	0	....	0	....	....
Mercer	1	0.005	0	1	0.005	1	0.005	100.00
Middlesex	0	....	0	6	0.02	2	0.01	33.33
Monmouth	0	....	0	3	0.02	1	0.006	33.33
Morris	0	....	0	2	0.01	1	0.01	50.00
Ocean	0	....	0	0	....	0	....	....
Passaic	0	....	0	8	0.02	3	0.01	37.50
Salem	0	....	0	0	....	0	....	....
Somerset	0	....	0	1	0.01	0	....	....
Sussex	0	....	0	0	....	0	....	....
Union	0	....	0	2	0.006	3	0.01	*
Warren	0	....	0	1	0.02	0	....	....
State	9	0.002	1	76	0.01	23	0.005	30.26

* More deaths than cases reported.

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REPORTED CASES AND DEATHS FROM MEASLES AND GERMAN MEASLES BY COUNTIES FOR 1933

COUNTIES	MEASLES					GERMAN MEASLES		
	Cases	Cases per 1000 Pop.	Deaths	Deaths per 1000 Pop.	Percent Fatality	Cases	Cases per 1000 Pop.	Deaths
Atlantic	116	0.84	2	0.01	1.72	12	0.08	0
Bergen	3352	8.10	5	0.01	0.15	94	0.22	0
Burlington	53	0.54	0	....	....	2	0.02	0
Camden	435	1.60	0	....	....	9	0.03	0
Cape May	74	2.26	0	....	....	6	0.18	0
Cumberland	19	0.26	1	0.01	5.26	4	0.05	0
Essex	14021	15.73	31	0.03	0.22	292	0.32	0
Gloucester	63	0.81	0	....	....	1	0.01	0
Hudson	2245	3.16	8	0.01	0.35	6	0.01	0
Hunterdon	256	7.25	0	....	....	0	....	0
Mercer	949	4.84	4	0.02	0.42	7	0.03	0
Middlesex	753	3.30	4	0.01	0.53	15	0.06	0
Monmouth	178	1.11	0	....	....	17	0.10	0
Morris	1401	11.75	4	0.03	0.28	13	0.11	0
Ocean	88	2.41	0	....	....	0	....	0
Passaic	462	1.46	1	0.003	0.21	8	0.02	0
Salem	19	0.51	0	....	....	0	....	0
Somerset	422	5.98	1	0.01	0.23	10	0.14	0
Sussex	316	10.99	5	0.17	1.58	0	....	0
Union	5055	14.93	4	0.01	0.08	63	0.18	0
Warren	356	7.02	1	0.02	0.28	0	....	0
State	30633	7.08	71	0.01	0.23	559	0.13	0

REPORTED CASES AND DEATHS FROM ACUTE ANTERIOR POLIOMYELITIS AND SCARLET FEVER BY COUNTIES FOR 1933

COUNTIES	ACUTE ANTERIOR POLIOMYELITIS				SCARLET FEVER			
	Cases	Cases per 1000 Pop.	Deaths	Deaths per 1000 Pop.	Cases	Cases per 1000 Pop.	Deaths	Deaths per 1000 Pop.
Atlantic	3	0.02	0	....	168	1.22	1	0.007
Bergen	40	0.09	6	0.01	875	2.11	8	0.02
Burlington	0	....	0	....	197	2.02	0	....
Camden	3	0.01	0	....	710	2.61	6	0.02
Cape May	0	....	0	....	47	1.44	0	....
Cumberland	1	0.01	0	....	159	2.19	0	....
Essex	81	0.09	8	0.01	1801	2.02	12	0.01
Gloucester	0	....	0	....	284	3.64	5	0.06
Hudson	25	0.03	1	0.001	994	1.40	5	0.007
Hunterdon	4	0.11	0	....	72	2.04	1	0.03
Mercer	4	0.02	2	0.01	793	4.05	4	0.02
Middlesex	8	0.03	0	....	329	1.44	1	0.004
Monmouth	14	0.08	3	0.02	316	1.96	1	0.006
Morris	6	0.05	0	....	243	2.03	3	0.02
Ocean	0	....	0	....	44	1.20	0	....
Passaic	17	0.05	2	0.006	569	1.80	5	0.01
Salem	0	....	0	....	58	1.57	0	....
Somerset	9	0.12	1	0.01	130	1.84	1	0.01
Sussex	1	0.03	0	....	75	2.61	0	....
Union	18	0.05	1	0.003	619	1.83	3	0.01
Warren	0	....	0	....	155	3.06	3	0.06
State	234	0.05	24	0.005	8638	2.00	59	0.01

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REPORTED CASES AND DEATHS FROM RABIES, TRACHOMA AND TRICHINOSIS BY COUNTIES FOR 1933

COUNTIES	RABIES		TRACHOMA		TRICHINOSIS	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Atlantic	0	0	0	0	27	1
Bergen	0	0	0	0	1	0
Burlington	0	0	3	0	0	0
Camden	0	0	3	0	0	0
Cape May	0	0	0	0	0	0
Cumberland	0	0	0	0	0	0
Essex	0	0	4	0	0	0
Gloucester	0	0	0	0	0	0
Hudson	0	0	3	0	2	0
Hunterdon	0	0	0	0	0	0
Mercer	0	0	28	0	0	0
Middlesex	0	0	1	0	12	0
Monmouth	0	0	0	0	1	0
Morris	0	0	0	0	0	0
Ocean	0	0	0	0	0	0
Passaic	0	0	1	0	3	1
Salem	0	0	0	0	0	0
Somerset	0	0	0	0	2	0
Sussex	0	0	0	0	0	0
Union	0	0	2	0	1	0
Warren	0	0	0	0	0	0
State	0	0	45	0	49	2

REPORTED CASES AND DEATHS FROM SMALLPOX AND TUBERCULOSIS BY COUNTIES FOR 1933

COUNTIES	SMALLPOX				TUBERCULOSIS				
	Cases	Cases Per 1000 Pop.	Deaths	Deaths Per 1000 Pop.	Cases	Cases Per 1000 Pop.	Deaths	Deaths Per 1000 Pop.	Per Cent Fatality
Atlantic	0	.....	0	.....	145	1.05	95	0.69	65.51
Bergen	0	.....	0	.....	296	0.71	199	0.48	67.23
Burlington	0	.....	0	.....	94	0.96	49	0.50	52.12
Camden	0	.....	0	.....	396	1.45	158	0.58	39.90
Cape May	0	.....	0	.....	15	0.46	13	0.39	86.66
Cumberland	0	.....	0	.....	50	0.69	29	0.40	58.00
Essex	0	.....	0	.....	1187	1.33	613	0.68	51.64
Gloucester	0	.....	0	.....	41	0.52	30	0.38	73.17
Hudson	0	.....	0	.....	709	1.00	382	0.53	53.88
Hunterdon	0	.....	0	.....	26	0.73	12	0.34	46.15
Mercer	0	.....	0	.....	249	1.27	127	0.65	51.00
Middlesex	0	.....	0	.....	190	0.83	102	0.44	53.68
Monmouth	0	.....	0	.....	149	0.92	85	0.53	57.04
Morris	0	.....	0	.....	138	1.15	57	0.48	41.30
Ocean	0	.....	0	.....	33	0.90	27	0.74	81.82
Passaic	0	.....	0	.....	320	1.01	165	0.52	51.56
Salem	0	.....	0	.....	36	0.97	20	0.54	55.55
Somerset	0	.....	0	.....	58	0.82	27	0.38	46.55
Sussex	0	.....	0	.....	11	0.38	8	0.28	72.72
Union	0	.....	0	.....	277	0.82	153	0.45	55.23
Warren	0	.....	0	.....	41	0.81	25	0.49	60.97
State	0	.....	0	.....	4461	1.03	2376	0.55	53.26

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REPORTED CASES AND DEATHS FROM TYPHOID FEVER AND WHOOPING COUGH BY COUNTIES FOR 1933

COUNTIES	TYPHOID FEVER				WHOOPING COUGH			
	Cases	Cases per 1000 Pop.	Deaths	Deaths per 1000 Pop.	Cases	Cases per 1000 Pop.	Deaths	Deaths per 1000 Pop.
Atlantic	23	0.16	3	0.02	6	0.04	0	....
Bergen	7	0.01	1	0.002	1004	2.42	0	....
Burlington	13	0.13	4	0.04	112	1.15	2	0.02
Camden	37	0.13	4	0.01	23	0.08	2	0.007
Cape May	1	0.03	0	....	10	0.30	0	....
Cumberland	13	0.18	2	0.02	3	0.04	1	0.01
Essex	43	0.05	6	0.006	3230	3.62	12	0.01
Gloucester	6	0.07	2	0.02	12	0.15	0	....
Hudson	10	0.01	1	0.001	181	0.25	7	0.01
Hunterdon	1	0.03	0	....	15	0.42	0	....
Mercer	21	0.10	4	0.02	317	1.62	8	0.04
Middlesex	9	0.04	1	0.004	100	0.44	3	0.01
Monmouth	15	0.09	3	0.02	218	1.35	0	....
Morris	10	0.08	2	0.01	270	2.26	1	0.01
Ocean	1	0.02	1	0.02	5	0.13	0	....
Passaic	19	0.06	0	....	302	0.95	2	0.006
Salem	5	0.13	2	0.05	0	....	0	....
Somerset	10	0.14	4	0.05	15	0.21	1	0.01
Sussex	0	....	0	....	56	1.94	4	0.14
Union	14	0.04	2	0.006	572	1.69	0	....
Warren	0	....	0	....	5	0.10	0	....
State	258	0.06	42	0.01	6456	1.49	43	0.01

REPORTED CASES AND DEATHS FROM MUMPS, LETHARGIC ENCEPHALITIS, UNDULANT FEVER, TETANUS AND TULAREMIA BY COUNTIES FOR 1933

COUNTIES	MUMPS		LETH. ENCEPHALITIS		UNDULANT FEVER		TETANUS		TULAREMIA	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Atlantic	12	0	1	1	0	0	0	0	0	0
Bergen	1944	1	0	2	2	0	1	0	1	0
Burlington	13	0	0	1	0	0	0	0	0	0
Camden	130	0	6	3	0	0	0	3	0	0
Cape May	50	0	1	1	1	0	0	0	0	0
Cumberland	3	0	1	2	0	0	0	1	0	0
Essex	3302	2	13	7	5	0	9	3	0	0
Gloucester	9	0	0	1	1	0	0	0	0	0
Hudson	157	0	5	6	1	0	0	0	0	0
Hunterdon	28	0	0	0	0	0	0	0	0	0
Mercer	68	0	3	2	2	0	0	0	0	0
Middlesex	100	0	2	1	0	0	1	1	0	0
Monmouth	1200	0	7	2	6	0	1	1	0	0
Morris	104	0	0	0	3	0	0	1	0	0
Ocean	4	0	0	0	1	0	0	0	0	0
Passaic	228	1	1	1	1	1	0	1	0	0
Salem	3	0	0	0	1	0	0	2	0	0
Somerset	84	0	0	0	3	1	0	0	0	0
Sussex	310	0	0	0	0	0	0	0	0	0
Union	531	1	8	5	1	0	0	0	0	0
Warren	1	0	0	1	0	0	0	0	0	0
State	8281	5	48	36	28	2	12	13	1	0

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REPORTED CASES AND DEATHS FROM MISCELLANEOUS DISEASES FOR THE YEAR 1933

DISEASES	MALE		FEMALE		TOTAL	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Anthrax	5	1	0	0	5	1
Malaria	7	1	2	0	9	1
Ophthalmia Neonatorum	11	0	15	0	26	0
Rabies	0	0	0	0	0	0
Smallpox	0	0	0	0	0	0
Tularemia	0	0	1	0	1	0
Typhus Fever	1	0	0	0	1	0

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Report of the Bureau of Engineering

For the Year Ending June 30, 1934

H. P. CROFT, Chief Engineer

In this report there follows a summary of the work accomplished during the past fiscal year. The summary includes:

1. The number of water and sewage projects examined, with engineers' estimates of costs.

2. The number of inspections made during the fiscal year.

3. Samples of water examined from private supplies, with amounts received for such examinations.

4. Samples of water examined from school premises.

5. Waters used on interstate carriers.

6. Federal aid to municipalities.

7. Civil works service employees.

8. Court decisions relative to water supplies, sewage disposal and the licensing of sewage plant operators.

9. Creation of the Hackensack River Sewerage District.

10. Bathing pool legislation.

11. Stream sampling stations.

12. Establishment of factories on watersheds.

13. The disposal of sewage from North Jersey municipalities.

14. Pollutions of the waters of the Raritan River.

15. Chemical precipitation for sewage treatment, with policy and the rules and regulations relating thereto, adopted by the department.

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16. Sewage Works Association.

17. Corrected table of physical connections between approved public water supplies and unapproved private water supplies.

18. Issuance of licenses to operate water purification and/or treatment plants and sewage treatment plants.

19. Table upon public potable water supplies.
    (a) Municipal supplies.
    (b) State institutional supplies.
    (c) County institutional supplies.
    (d) Abandoned municipal supplies.

20. Table upon municipal sewage treatment plants.

NUMBER OF WATER AND SEWAGE PROJECTS EXAMINED FROM JULY 1, 1933, TO JUNE 30, 1934

	Number of Projects	*Number of Applying Municipalities, Commissions or Companies*	*Number of Plans*	*Engineers' Estimates of Cost*
Character of Projects				
Sewage:				
Trunk, sub-trunk, relief and intercepting sewers, sewer extensions and sewage pumping stations	25	18	101	$1,030,633.35
Alterations and additions to sewage treatment works	13	12	70	533,750.00
Sewer systems, partial and complete, new	5	5	62	505,780.00
Sewage treatment works, new	4	4	55	584,238.00
Water:				
New systems and supplies	7	7	36	243,961.00
Alterations, improvements and additions to water works	31	29	50	445,772.22
Totals	85	75	374	$3,344,134.57
Total of engineers' estimates of costs for the fiscal year ending June 30, 1933				$1,315,251.00

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Inspections

The following inspections have been made during the year:

Water:

Special water inspections, including complaints and conferences	358
Swimming pools and bathing beaches	357

Sewage:

Special sewage and trade waste inspections, including construction work	260
Complaints and conferences	48

One hundred and thirteen certificates were issued to railroad, vessel and airway companies for the use of water upon interstate carriers. Seventy-seven man-working days were spent in the collection of samples from stream sampling stations; twenty-seven man-working days were spent in attending court trials and serving court papers; fifty-three man-working days were spent in attending water and sewage works conventions; eight man-working days were spent in collecting surf samples along the North Jersey coast; seventeen man-working days were spent in inspecting sewage outfalls along the North Jersey coast, and fifty-one man-working days were spent in stream survey work.

The following man-working days were spent in the investigation of water purification and/or treatment plants at:

Delhi, N. Y. (relative to ozone treatment of water)	8

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

Glassboro	5
Haddon Heights	8
Hammonton	8
Little Falls	29½
Moorestown	7½
Pitman	3
Princeton	15
West Wildwood	6

Sanitary surveys were made on the Assunpink Creek requiring four man-working days; on the Morris Canal, requiring twenty-six man-working days; and on the Rockaway River, requiring six man-working days.

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

Assunpink Creek
Caldwell Brook
Delaware River
Hackensack River
Hereford Inlet
Lake Parsippany
Lakes Bay
Maurice River
Metedeconk River
Millstone River
Molly Ann Brook
Morris Canal
Newton Lake
Park Avenue Lake (Palisades Park)
Pascack Brook
Passaic River
Rahway River
Rancocas Creek
Raritan River
Rockaway River
Salt Brook
Shark River
Shrewsbury River

Stream pollutions investigated	107
Notices issued to cease stream pollutions	107
Reinspections of stream pollutions made	118
Cases of stream pollutions found to be abated	13
Cases referred to Attorney General for prosecution	35
Notices issued upon municipalities or sewer companies to cease the discharge of raw or insufficiently treated sewage into waters of the State and/or to alter, add to or improve sewage treatment works	6
Notices issued to corporations to cease the discharge of trade wastes into waters of the State	3
Notices issued to operators of sewage treatment plants to comply with requirements of the department	1
Notices issued upon municipalities and sewer companies to employ licensed operators at sewage treatment plants	1
Notices issued upon municipalities and water companies to improve water supplies	10
Notices issued to distributors of potable water to cease the supplying of water to the public unless source of supply is approved	2
Cases referred to Attorney General for prosecution of municipalities or companies for failure to improve water supplies	6
Cases referred to Attorney General for prosecution of municipalities or companies for failure to cease pollution and to improve sewage treatment works	7
Cases referred to Attorney General for failure of companies to obtain the required permit to locate factories on watersheds	1
Cases referred to Attorney General for failure of municipalities to employ licensed sewage treatment plant operators	1

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Private Supplies

Forty-nine samples of water from private sources of supply have been examined in the laboratory and payment to the amount of $470 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.

School Supplies

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

Interstate Carriers

During the fiscal year one hundred and thirteen certificates were issued upon thirty-eight public and five private water supply systems for nine railroad lines, forty-two vessel companies and three airway lines.

Federal Aid to Municipalities

The department, through its Bureau of Engineering, circularized the municipalities in the State advising as to the availability of funds, through Federal Aid, for water and sewage work, and setting out in all probability that such funds would not be available after June 1st. It further informed the municipalities that when projects have been held up the department would be glad to co-operate in any way possible in securing such funds. A questionnaire was prepared and mailed to all municipalities in the State owning or operating water and sewage treatment works with reference to the obtaining of funds from the Federal Government for the improvement of or the construction of new works.

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Civil Works

The bureau employed, for a short period, eleven persons to give aid to the unemployed, in a program initiated by the Federal Government through State co-operation. These employees included eight engineers and three clerk stenographers. Work was begun by them upon the watersheds of the State in an endeavor to cleanse these sheds of minor pollutions. The work begun was not carried to completion as the employees were released from service before this could be accomplished.

Court Decisions

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

Department of Health *vs.* Harry Read (Owner of a public potable water supply system at Long Valley, New Jersey). Case instituted under the provisions of Chapter 41 of the P. L. of 1899, as supplemented by Chapter 253 of the P. L. of 1909, under an order of the department to improve the quality of the water distributed or sold to consumers for potable purposes. The Final Decree in this cause is:

In Chancery of New Jersey.

Between	
State of New Jersey, Ex Rel. Department of Health of the State of New Jersey, *Complainant,*	On Bill, &c.
and	
Harry Read, *Defendant.*	

Final Decree

This cause coming on to be heard in the presence of Robert Peacock, Esq., 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 third day of April, A. D. 1934, 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 Harry Read command-

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ing the said defendant on and after the fifth day of June, A. D. 1934, to absolutely and immediately desist and refrain from anywise violating the provisions of 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;

And it is further ordered, adjudged and decreed that the said defendant pay to the complainant its costs in this suit to be taxed.

LUTHER A. CAMPBELL,
C.

Respectfully advised,
WM. J. BACKES,
A. M.

A True Copy,
FERD GARRETSON,
Clerk.

Department of Health *vs.* Borough of Keyport. The municipality was ordered by the department to cease the pollution of the waters of the Raritan Bay by discharging improperly, insufficiently and inadequately treated sewage therein from its municipal sewage treatment works and to improve said sewage treatment works in order to abate such pollution. The case was instituted under the provisions of Chapter 72 of the P. L. of 1900, its amendments and supplements. The Final Decree in this case is:

IN CHANCERY OF NEW JERSEY.

Between DEPARTMENT OF HEALTH OF THE STATE OF NEW JERSEY, *Complainant,* *and* BOROUGH OF KEYPORT, *Defendant.*	On Bill, &c.

FINAL DECREE

This cause coming on to be heard in the presence of Robert Peacock, Esq., appearing for David T. Wilentz, Attorney General, of counsel with the complainant, and Howard Roberts, Esq., appearing for Messrs. Snyder & Roberts, of counsel with the defendant, and the pleadings, proofs and exhibits 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 thirty-first day of May, A. D. 1934, 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

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forthwith issue out of and under the seal of this court directed to the Borough of Keyport commanding the said defendant that on and after the first day of August, nineteen hundred and thirty-four, said Borough of Keyport absolutely cease its unlawful act of polluting the waters of Raritan Bay by discharging therein improperly, inadequately and insufficiently treated sewage from its sewerage system;

And it is further ordered, adjudged and decreed that from and after the said first day of August, A. D. 1934, the Borough of Keyport, its officers, servants, employees and agents absolutely desist and refrain from permitting and allowing improperly, inadequately and insufficiently treated sewage to flow from its sewerage system into the waters of said Raritan Bay, and further commanding said defendant, Borough of Keyport, on or before the first day of August, A. D. 1934, to make such other disposition of its sewage as shall be approved by the Department of Health of the State of New Jersey.

And it is further ordered, adjudged and decreed that the defendant pay to the complainant its costs in this suit, to be taxed.

LUTHER A. CAMPBELL,
Chancellor.

Respectfully advised,
MAJA LEON BERRY,
Vice Chancellor.

A True Copy,
EDW. WHELAN,
Clerk.

Department of Health *vs.* Rumson Land and Development Company. This company owns and operates a public sewage treatment works at Rumson, New Jersey, and was ordered by the department, under the provisions of Chapter 23 of the P. L. of 1918, to employ the services of a licensed sewage treatment plant operator to comply with the act. The Final Decree in this case 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* RUMSON LAND AND DEVELOPMENT CO., a corporation of the State of New Jersey, *Defendant.*	On Bill, &c.

FINAL DECREE

This cause coming on to be heard in the presence of Robert Peacock, Esq., appearing for David T. Wilentz, Attorney General, of counsel with complainant, and the pleadings, proofs and exhibits having been read and considered, and

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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 third day of April, A. D. 1934, 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 Rumson Land and Development Company, a corporation of the State of New Jersey, commanding the said defendant that on and after the fifteenth day of April, A. D. 1934, said Rumson Land and Development Company, a corporation of the State of New Jersey, its officers, servants, employees and agents, to absolutely and immediately desist and refrain from anywise violating the provisions of an act entitled "An act to provide for the examination and licensing of superintendents and operators in charge of water purification or treatment plants and sewage treatment plants under the direction of the Department of Health of the State of New Jersey," approved February ninth, one thousand nine hundred and eighteen.

And it is further ordered, adjudged and decreed that the said defendant pay to the complainant its costs in this suit to be taxed.

LUTHER A. CAMPBELL,
C.

Respectfully advised,
WM. J. BACKES,
A. M.

A True Copy,
FERD GARRETSON,
Clerk.

HACKENSACK RIVER

On September 5, 1933, the Legislature adopted Chapter 373 of the P. L. of 1933, creating the Hackensack River Sewerage District and the Hackensack River Sewerage Authority to manage the district and defining the Authority's powers and duties for the construction and operation of a sewer with ways and means for payment of costs for construction and operation. The district embraces the territory situate and lying within the natural drainage area of the Hackensack River and its tributaries between Newark Bay and the boundary line between the State of New Jersey and the State of New York.

The Authority consists of four members and is constituted a body politic and corporate with perpetual succession under the name of "Hackensack River Sewerage Authority". It is empowered, under the law, to design, finance, construct, acquire and

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operate a system of trunk, intercepting and outlet sewers, pumping and ventilating stations, treatment plants or works and/or other plants and structures as in its judgment will provide the most effectual and advantageous plan or method for relieving the Hackensack River and its tributaries from pollution and for preventing pollution of the same.

Before construction of the district sewer system is begun the plans and specifications shall be submitted to the State Department of Health for approval as a sanitary measure and a permit obtained for proceeding with the work. Final payment upon the construction of a treatment plant shall be retained by the Authority until the plant has been completed and the construction shall receive the approval of the State Department of Health as to its condition and prospective sanitary operation.

The Authority shall submit to the State Department of Health a copy of their report for approval of the proposed district sewer system as a sanitary measure.

The following preamble and resolution, with reference to the work of the Hackensack River Sewerage Authority, was adopted by the Department:

WHEREAS, The State Department of Health has for many years been cognizant of unsatisfactory conditions of sewage disposal in many communities draining into the Hackensack River and its tributaries; and,

WHEREAS, Inspections by the representatives of the Department have repeatedly shown such conditions to be detrimental to public health and the condition of various actual or potential sources of potable waters in that territory; and,

WHEREAS, The Department has repeatedly exhausted all legal means at its disposal to obtain correction of the said unsatisfactory situations in this area; and,

WHEREAS, Its efforts have been in many cases unsuccessful by reason of the economic inability of various local municipalities to carry out its requirements; therefore,

Be It Resolved, That the Department of Health of New Jersey indorses the formation of the Hackensack River Sewerage Authority and strongly indorses the effort of that body to obtain the financing necessary to carry out its projects from Federal sources, feeling sure that neither the individual nor combined financial resources of the several communities concerned are adequate for that purpose; and,

Bt It Further Resolved, That a copy of this resolution be spread in full upon the minutes of the Department and that other copies be sent to the Hackensack River Sewerage Authority, and to any other person or body which said Authority directs.

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Motion was made and carried that the complaints regarding the pollution of the Hackensack River be held in abeyance pending action by the Hackensack River Sewerage Authority.

In a petition of Leonia to release that borough from the requirements of chlorinating the sewage from its north side sewage treatment works until such time as all other communities discharging sewage into Overpeck Creek shall use chlorine at their sewage treatment works, it was resolved by the department that said department is of the opinion that the granting of such permission petitioned for by the borough is a matter that should first have the approval of the Hackensack River Sewerage Commission, and if such permission is granted by that commission then the department will acquiesce with the commission in the allowance of the discontinuance of the chlorination of the sewage effluent discharged into Overpeck Creek, a tributary of the Hackensack River, Leonia being the only borough now treating sewage by chlorination of those municipalities owning and controlling sewage treatment works within the area over which the Hackensack River Sewerage Commission has jurisdiction.

Bathing Pool Legislation and a Summary of Investigations

The department renewed its attempt to obtain legislation for the sanitary protection of the bathing public and to provide a uniform design for the construction of pools in New Jersey. A bill similar to the one presented in 1933 was drafted, presented to the Legislature of 1934 and again failed of passage.

Inspections were made at practically all of the pools in the State by the department's representatives and samples of pool water collected for analyses to determine the sanitary quality of the water in the pools.

Stream Sampling Stations

The work begun in August, 1932, in collecting samples of water from the various streams in the State, where the department had set up sampling stations, the location of such sampling stations being governed by sewage and trade waste treatment

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plants, water supply intakes and existing and proposed recreational centers upon the said streams, has been continued during the year. Collections have been carried out under a routine schedule as formerly, these being so rotated that samples from every collection point are taken under all of the seasonal variations.

The purpose of the work has led, and will lead, to the protection of the public potable water supplies, recreational centers, bathing beaches, protection of fish life and waters used for agricultural irrigation, stock watering and other uses, as well as to the prevention of pollution of the streams.

Establishment of Factories on Watersheds

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

Oakland (Louis A. Deacon & Company), apple brandy factory, Oakland well field.

In addition to the above, distilleries have been established in several instances without first obtaining a permit, presumably through ignorance of the law.

Distillery wastes, commonly known as "spent cider," are heavily loaded with organic matter and have a very harmful effect on the streams into which they are discharged, unless the amount of diluting water in the stream is many times as great as the volume of wastes discharged. They have a great avidity (demand) for the oxygen dissolved in the water and either use it up to such a degree that fish cannot live in the water or even worse, use the oxygen up completely thereby producing foul odors and completely ruining the stream for other uses, such as water supply for man or beast and recreational purposes.

The treatment of these wastes is a difficult problem to solve. This department is strongly advising their exclusion from small upland streams and disposal by broadcasting them onto the land where conditions are favorable as a temporary measure until an approved method of de-hydrating the wastes has been perfected. Present indications are that by the installation of suitable ap-

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paratus the wastes can be put in condition to market economically as a fertilizer base.

The following is a list of distilleries either actually established or proposed:

Distilled Liquors Corporation	Flemington, N. J.
Lord Stirling Distillery	Kings Station, N. J.
Read Applejack Distillery	Blairstown, N. J.
Smith's Distillery	Roxburg, N. J.
Burnt Mills Distillery	Burnt Mills, N. J.
Albert Kellerman & Sons	Hampton, N. J.
Glen Gardner Distilling Corporation	Changewater, N. J.

The Disposal of Sewage from North Jersey Seashore Municipalities

For several years past the department has endeavored to improve the sewage treatment works in municipalities along the North Jersey coast, so as to make such water safe for bathing purposes. The majority of the municipalities have complied with the requirements of the department and are protecting their own, as well as adjoining beaches along the Atlantic Ocean. Court proceedings had to be resorted to in several cases to carry out the orders of the department for the improvement of sewage treatment works in a few of the municipalities. Investigations have been made at the North Jersey seashore sewage treatment works, samples of the effluent to be discharged into the ocean collected, sea outfalls tested, surf samples collected at all of the bathing beaches along the coast from Long Branch to Point Pleasant and recommendations made where necessary for the improvement of such sewage treatment works as a sanitary measure of protection for these beaches.

Pollutions of the Waters of the Raritan River

Stipulations of Agreement entered into between the department and municipalities in the Raritan River Valley to abate pollutions of the Raritan River by the discharge therein from municipal sewer lines and plants, of raw and partially treated sewage, through the Court of Chancery, having expired on April 1, 1934,

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it was on motion voted that the cases be moved in the courts against the municipalities.

Chemical Precipitation for Sewage Treatment

Instructions were issued in September, 1933, to the Bureau of Engineering to prepare rules and regulations relating to the method of chemical precipitation for sewage treatment.

At a meeting of the department held on April 2, 1934, a policy was adopted upon the Chemical Precipitation Method of Sewage Treatment, which shall be considered as a degree of treatment intermediate between what are commonly known as sedimentation and sedimentation and oxidation.

At a meeting of the department held on April 2, 1934, rules and regulations were adopted for the preparation and submission of designs for sewage treatment works containing chemical precipitation devices, which follow:

POLICY

The method of sewage treatment, chemical precipitation, shall be considered as a degree of treatment intermediate between what are commonly known as sedimentation, and, sedimentation and oxidation.

At sewage treatment works which will discharge their effluents into intra-state waters later used for public potable purposes, the method of chemical precipitation shall be supplemented by methods of oxidation and chlorination; at sewage treatment works which will discharge their effluents into certain areas of interstate and intra-state waters, the method of chemical precipitation shall be supplemented by method (s) of oxidation and/or chlorination.

Sewage treatment works using the method of chemical precipitation, or, using the method of chemical precipitation along with other methods of treatment, shall be approved only when the applicant (owner, and in case of a municipality or other governmental authority, the elective official or authorized body) by formal action advises the Department of Health of the State of New Jersey, that the proposed works will be under skilled technical

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supervision at all times and that the works will be adequately manned twenty-four hours per day.

These rules and regulations established on April 3, 1934, for the design of sewage treatment works containing chemical precipitation devices are minimum rules and regulations and are subject to changes and additions.

RULES AND REGULATIONS

The rules and regulations for the preparation and submission of designs for sewer systems and sewage treatment works adopted by the Department of Health of the State of New Jersey on August 11, 1925, (subdivision "d" item 4, page 13, requiring circulation of sludge in separate sludge digestion tanks was waived, January 9, 1934), shall be considered a part of these rules and regulations.

Details of construction not provided for in the rules and regulations of 1925, or hereinafter, will be considered separately.

Bar screens, either mechanically or manually cleaned, shall be provided.

Coagulants, in a liquid condition, shall be applied to the sewage proportionately to its flow.

A chamber or tank for the rapid and thorough mixing of the sewage and coagulant (s) shall be provided. The detention period shall be not less than one minute based on average flow. A means for thorough mixing consisting of power driven paddles, propellers or diffused air shall be provided. A by-pass line that will permit the complete cleaning of the tank shall be provided; this line is to be equipped with a valve that can be sealed in a closed position.

Two or more flocculation tanks providing a combined detention period of not less than twenty (20) minutes shall be provided. Diffused air or paddles shall provide continuous agitation of the full content of the tanks. Independent controls for each tank shall be provided; provision shall also be made for complete cleaning and drainage of each tank.

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Sedimentation shall be provided by two or more tanks having a combined detention period of not less than two (2) hours, based on average flow. Mechanical means for sludge removal shall be provided in one-story tanks. Short-circuiting shall be prevented by proper baffling. Independent control of mechanical equipment for each tank shall be provided.

Mechanical strainers or filters as an adjunct to chemical precipitation tanks shall not be considered as a substitute for a method of oxidation referred to in "policy".

(a) Adequate automatic control of pumps shall be provided.

(b) An auxiliary source of power for the electrically driven mechanism shall be provided.

(c) Devices must be installed to give warning of break-down of mechanical equipment.

(d) The automatic control of apparatus feeding chemicals for precipitation shall include equipment to provide variation in chemical dosage with variation in sewage flow.

(e) Detailed information, including capacity, construction and operation, upon the proposed equipment shall be submitted.

Where it is desired to manufacture the coagulant, such as ferric chloride, at the plant, the equipment used shall be an entirely separate unit. Facilities shall be provided for the production of a chemical solution of a fixed strength.

The rate of 150,000 gallons per acre per day (Sand Filters, Rules and Regulations of 1925) is increased to 400,000 gallons.

Sewage Works Association

The New Jersey Sewage Works Association and the Bureau co-operating, held on March 22 and 23, 1934, at Trenton, New Jersey, its annual conference. Papers with information valuable to the engineering profession in the construction and operation of sewage plants were read and discussed before the meeting. About three hundred persons were in attendance, embracing consulting and civil engineers, chemists, representatives from the engineering journals and manufacturers of sewage plant equipment, along with the operators of plants in this and other states.

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Physical Connections

The following corrected table contains a list of the physical connections existing between public potable water supplies and unapproved sources of water supply.

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PHYSICAL CONNECTIONS BETWEEN APPROVED PUBLIC POTABLE WATER SUPPLIES AND UNAPPROVED PRIVATE WATER SUPPLIES

NAME OF MUNICIPALITY	NAME OF COMPANY	PUBLIC POTABLE WATER SUPPLY	UNAPPROVED WATER SUPPLY	NUMBER AND SIZE OF CONNECTION
Arlington	Du Pont Viscoloid Co., Inc.	Kearny Water Department (North Jersey District Water Supply Commission)	Drilled wells	1—4" 6—6"
Avenel	Steel Equipment Corporation	Middlesex Water Company	Artesian well	2—6"
Bayonne	American Radiator Company	Bayonne Water Department (North Jersey District Water Supply Commission)	Rain water from reservoir	1—4"
Bayonne	The Babcock and Wilcox Co.	Bayonne Water Department (North Jersey District Water Supply Commission)	Salt water system	2—6"
Bayonne	Enid Holding Company (formerly Schwarzenbach-Huber Company)	Bayonne Water Department (North Jersey District Water Supply Commission)	Cistern	1—6"
Belleville	Eastwood-Nealley Corporation (formerly Eastwood Corp.) (original permit issued to Eastwood Wire Corporation)	Belleville Water Department (Newark Water Supply)	Passaic River	1—6"
Bloomfield	The Clark Thread Company	Bloomfield Water Department (Newark Water Supply)	Third River	1—10"
Bloomfield	Consolidated Safety Pin Company	Bloomfield Water Department (Newark Water Supply)	Tony's Brook	1—6"
Bloomfield	General Electric Co.	Bloomfield Water Department (Newark Water Supply)	Open reservoir—factory fire pump cistern	1—6"
Bloomfield	Thomas Oakes & Co., Inc.	Bloomfield Water Department (Newark Water Supply)	Third River	1—4" 1—6"
Bloomfield	Westinghouse Lamp Co.	Bloomfield Water Department (Newark Water Supply)	Artesian well	1—6"
Bogota	Continental Paper Co.	Hackensack Water Company	Hackensack River	1—6"
Bogota	Federal Paper Board Company, Inc.	Hackensack Water Company	Hackensack River	1—6"
Bridgeton	Martin Dyeing and Finishing Company	Bridgeton Water Department	East Lake	1—8"
Burlington	Burlington Silk Mills, Inc.	Burlington Water Department	Spring water reservoir	1—6"
Burlington	U. S. Cast Iron Pipe and Foundry Company	Burlington Water Department	Delaware River	1—6"
Butler	American Hard Rubber Company	Butler Water Department	Pequannock River	1—8"
Butler	Pequanoc Rubber Company	Butler Water Department	Pequannock River	2—6"
Camden	Armstrong Cork Company	Camden Water Department	Delaware River and artesian well	1—2½" 1—3"
Camden	Campbell Soup Company	Camden Water Department	Delaware River	1—6"
Carlstadt	Franco-American Chemical Works	Hackensack Water Company	Artesian well	1—6"
Carlton Hill (East Rutherford)	Standard Bleachery and Printing Company	Hackensack Water Company	Passaic River and artesian well	1—6"
Carteret	Foster Wheeler Corporation	Middlesex Water Company (Perth Amboy)	Private wells	1—6"
Clifton	Clifton Paper Board Company, Inc. (formerly Clifton Paper Mills)	Passaic Valley Water Commission	Passaic river	1—6"
Clifton	Dundee Textile Company	Passaic Valley Water Commission	Dundee Canal	1—6"

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Clifton	Eureka Printing Company	Passaic Valley Water Commission	Weasel Brook	1—6"
Clifton	Givaudan-Delawanna, Inc.	Clifton Water Department (Passaic Valley Water Commission)	Well	1—6"
Clifton	Haberland Manufacturing Company	Jersey City Water Department	Reservoir fed by springs	1—6"
Clifton	Stanlaw Corp. (formerly Henry Doherty Silk Co.) (original issued to Textile Buildings Co.)	Passaic Valley Water Commission	Private supply and cistern	1—6"
East Newark	The Clark Thread Company	New Jersey Suburban Water Company (Passaic Valley Water Commission)	Reservoir filled from city main	1—10"
East Newark	Stewart Hartshorn Company	East Newark Water Department (New Jersey Suburban Water Company—Passaic Valley Water Commission)	Fire protection and hot well	1—6"
East Orange	Crocker Wheeler Electric Manufacturing Company	East Orange Water Department	Well	1—6" 1—8"
East Orange	General Electric Company	East Orange Water Department	Open reservoir, factory fire pump cistern (process water)	1—6"
East Orange	The A. P. Smith Manufacturing Company	East Orange Water Department	Deep well	1—6" 1—8"
Edgewater	Aluminum Company of America (formerly The U. S. Aluminum Company)	Hackensack Water Company	Hudson River	2—8" 1—6"
Edgewater	The Barrett Company	Hackensack Water Company	Hudson River	1—8"
Edgewater	Spencer Kellogg & Sons, Inc.	Hackensack Water Company	Hudson River	1—10"
Fairview	Bellman Brook Bleachery Company	Hackensack Water Company	Overpeck Creek and Wolf Creek	1—8"
Garfield	Garfield Worsted Mills	Garfield Water Department	Garfield Worsted Mills, general service water	1—6"
Garfield	Samuel Hird & Sons, Inc.	Garfield Water Department	Passaic River	1—6"
Garwood	Knickerbocker Ice Company	Plainfield-Union Water Company	Driven well	1—2"
Garwood	Sonoco Product Company (formerly The Aeolian Company original permit issued to Votey Organ Company)	Plainfield-Union Water Company	Driven well	1—8"
Gloucester	Armstrong Cork Company	Gloucester City Water Department	Delaware River	1—8"
Gloucester	The Hinde & Dauch Paper Company	Gloucester City Water Department	Delaware River	1—6"
Gloucester	The Lang Company	Gloucester City Water Department	Delaware River	1—4"
Hackensack	Harper Terminal, Inc. (formerly Harper Brothers, Inc.; original permit issued to Wm. Campbell Wall Paper Company)	Hackensack Water Company	Reservoir filled from brook	2—6"
Harrison	Hyatt Roller Bearing Company	Harrison Water Department (New Jersey Suburban Water Company—Passaic Valley Water Commission)	Deep wells	1—6" 1—8"
Harrison	R. C. A. Radiotron Company, Inc. (formerly General Electric Company, Incandescent Lamp Department)	Harrison Water Department (New Jersey Suburban Water Company—Passaic Valley Water Commission)	Plant fire reservoir	2—8"
Harrison	Stewart Hartshorn Company	Harrison Water Department (New Jersey Suburban Water Company—Passaic Valley Water Commission)	Fire protection and hot well	1—6"
Hightstown	Hightstown Rug Company	Hightstown Water Department	Rocky Creek	1—6"
Hoboken	United Drydocks, Inc. (Fletcher Plant)	Hoboken Water Department (Jersey City Water Department)	Hudson River	1—6" 1—8"
Hohokus	Hohokus Bleachery	Hohokus Water Department	Hohokus Creek	1—8"
Jersey City	Colgate-Palmolive-Peet Company	Jersey City Water Department	Hudson River	2—8"

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PHYSICAL CONNECTIONS BETWEEN APPROVED PUBLIC POTABLE WATER SUPPLIES AND UNAPPROVED PRIVATE WATER SUPPLIES—Continued

NAME OF MUNICIPALITY	NAME OF COMPANY	PUBLIC POTABLE WATER SUPPLY	UNAPPROVED WATER SUPPLY	NUMBER AND SIZE OF CONNECTION
Jersey City	Consolidated Laundries Corporation	Jersey City Water Department	Cistern	1—6"
Jersey City	P. Lorillard Company	Jersey City Water Department	Rain water and make-up water from city main	1—8"
Jersey City	The Riegel Sack Company	Jersey City Water Department	Cistern	1—6"
Jersey City	Peter J. Schweitzer, Inc.	Jersey City Water Department	Cistern	1—6"
Jersey City	U. S. Rubber Company (formerly Eureka Fire Hose Manufacturing Company)	Jersey City Water Department	Cistern	1—8"
Jersey City	Wilson & Bennett Manufacturing Company (formerly The Clark Thread Company)	Jersey City Water Department	Reservoir	1—6" 1—8"
Kearny	Congoleum-Nairn, Inc.	Kearny Water Department (North Jersey District Water Supply Commission)	Plant system from Passaic River	2—8" 1—6"
Kearny	The Linen Thread Company, Inc. (formerly Barbour Flax Spinning Company)	Kearny Water Department (North Jersey District Water Supply Commission)	Passaic River and three wells in north yard	2—6"
Kearny	Koppers Gas and Coke Company (formerly Seaboard By-Product Coke Company)	Kearny Water Department (North Jersey District Water Supply Commission)	Plant service water, Hackensack River	2—8"
Kearny	Swift and Company	Kearny Water Department (North Jersey District Water Supply Commission)	Well	1—8"
Kearny	Western Electric Company (formerly Ford Motor Company)	Kearny Water Department (North Jersey District Water Supply Commission)	Passaic River	2—12" 1—8"
Keyport	Whitall Tatum Company	Keyport Water Department	Gravity tank filled with deep well	1—6"
Linden	The Simmons Company	Elizabethtown Water Company, Cons.	Private well	1—6"
Linden	Volupte, Inc. (formerly Superior Products Corp.)	Elizabethtown Water Company, Cons.	Elevated gravity tank (city water)	1—4"
Little Falls	The Beattie Manufacturing Company	New Jersey Water Service Company (Passaic Valley Water Commission)	Passaic River	1—6"
Little Falls	Little Falls Laundry Company	New Jersey Water Service Company (Passaic Valley Water Commission)	Raceway	1—6"
Lodi	Millbank Bleachery		Pond and wells	1—6"
Maurer	American Smelting and Refining Company	Perth Amboy Water Department	Staten Island Sound and plant reservoir	1—4" 1—6"
Milltown	Michelin Tire Company	Milltown Water Department	Laurence Brook	1—6"
Millville	The Millville Manufacturing Company	The Millville Water Company	Maurice River	2—10" 1—6"
Millville	Whitall Tatum Company	The Millville Water Company	Maurice River	2—6"
Montclair	T. A. Adams	Montclair Water Department (North Jersey District Water Supply Commission)	Private artesian wells	1—¾"
Montclair	Jarvie Commonweal Fund (formerly Estate of James N. Jarvie)	Montclair Water Department (North Jersey District Water Supply Commission)	Artesian well	2—1¼"
Newark	Celluloid Corp.	Newark Water Department	Artesian well	1—8"
Newark	L. E. Waterman Company	Newark Water Department	Well	1—4"
Newton	Associated Dyeing and Printing Company, Inc. (formerly Sussex Print Works)	Newton Water Department	Suction reservoir supplied by rain water	1—8"

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North Bergen	Gatti-Reilly Corp. (formerly U. S. Rubber Company)	Hackensack Water Company	City water cistern	1—8″ 1—6″
Orange	Orange Dairy Company, Inc.	Orange Water Department	Private well	1—2″
Orange	Thomas A. Edison, Inc.	Orange Water Department	Deep rock wells, T. A. Edison plant	1—6″ 1—8″
Passaic	The Acheson Harden Company	Passaic Valley Water Commission	Cistern, city water and well water	1—6″
Passaic	Campbell Morrell and Company, Inc.	Passaic Valley Water Commission	Passaic River	1—6″
Passaic	Dundee Water Power and Land Company (New Jersey General Security Company, Lessee)	Passaic Valley Water Commission	Dundee Canal	1—6″
Passaic	Andrew McLean Company	Passaic Valley Water Commission	Canal	1—6″
Passaic	Manhattan Print Works	Passaic Valley Water Commission	Dundee Canal	1—6″
Passaic	The Manhattan Rubber Manufacturing Division of Raybestos-Manhattan, Inc. (formerly The Manhattan Rubber Manufacturing Company)	Passaic Valley Water Commission	Wells	1—6″
Passaic	The Okonite Company	Passaic Valley Water Commission	Canal	1—6″
Passaic	The Pantasote Leather Company	Passaic Valley Water Commission	Weasel Brook	1—6″
Passaic	Passaic Print Works	Passaic Valley Water Commission	Artesian well water	1—6″
Passaic	Robins Conveying Belt Company	Passaic Valley Water Commission	Concrete reservoir	1—6″
Passaic	U. S. Rubber Company (formerly N. Y. Belting & Packing Co.)	Passaic Valley Water Commission	Dundee Canal	2—6″ 1—8″
Paterson	Associated Dyeing and Printing Company, Inc.	Passaic Valley Water Commission	Passaic River	1—8″
Paterson	Doherty and Wadsworth Company	Passaic Valley Water Commission	Artesian well	1—6″
Paterson	Dolphin Jute Mills	Passaic Valley Water Commission	Raceway fed from Passaic River	2—6″
Paterson	Eastwood Realty Company (formerly estate of Benjamin Eastwood)	Passaic Valley Water Commission	Cistern—roof drains and well water	1—6″
Paterson	Estate of John Dunlop	Passaic Valley Water Commission	City water to two underground cisterns	1—6″
Paterson	Hall Mills (Vaughn S. Hall)	Passaic Valley Water Commission	Artesian well and rain water	1—6″
Paterson	John Hand and Sons, Inc.	Passaic Valley Water Commission	Reservoir	1—6″
Paterson	The Madison Avenue Realty Company	Passaic Valley Water Commission	Cistern	1—8″
Paterson	The Manhattan Shirt Company	Passaic Valley Water Commission	Passaic River	2—6″
Paterson	Morrison Machine Company	Passaic Valley Water Commission	Open reservoir	1—6″
Paterson	National Silk Dyeing Company	Passaic Valley Water Commission	Passaic River	1—8″
Paterson	Public Service Electric and Gas Company	Passaic Valley Water Commission	Deep wells	1—8″
Paterson	Estate of S. B. Thomson, Mrs. Rose Harris, Receiver (formerly The Hamilton Trust Company of Paterson)	Passaic Valley Water Commission	Cistern	1—6″
Paterson	United Piece Dye Works	Passaic Valley Water Commission	Passaic River	2—4″ 1—6″ 1—8″
Paterson	The Linen Thread Company, Inc. (formerly Barbour Flax Spinning Company)	Passaic Valley Water Commission	Upper race, Passaic River	1—6″
Paterson	Marie Walder	Passaic Valley Water Commission	City water cistern	1—6″
Paterson	Wright Aeronautical Corporation	Passaic Valley Water Commission	Open reservoir and well	1—6″
Perth Amboy	Chesebrough Manufacturing Company, Cons.	Perth Amboy Water Department	Raritan River	1—4″ 1—6″
Perth Amboy	General Cable Corporation (formerly Standard Underground Cable Company)	Perth Amboy Water Department	Well and salt water	2—4″ 1—6″ 1—8″

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PHYSICAL CONNECTIONS BETWEEN APPROVED PUBLIC POTABLE WATER SUPPLIES AND UNAPPROVED PRIVATE WATER SUPPLIES—Continued

NAME OF MUNICIPALITY	NAME OF COMPANY	PUBLIC POTABLE WATER SUPPLY	UNAPPROVED WATER SUPPLY	NUMBER AND SIZE OF CONNECTION
Perth Amboy	Raritan Copper Works	Perth Amboy Water Department	Wells	1—6″
				1—8″
Phillipsburg	The Standard Silk Company	Peoples Water Company	Wells and cistern	2—6″
Plainfield	International Motor Company	Plainfield-Union Water Company	Private sprinkler system	2—6″
Rahway	Merck and Company, Inc.	Rahway Water Department	Wells	1—4″
				2—6″
Raritan	Raritan Mills (formerly Raritan Woolen Mills and Somerset Manufacturing Company)	Somerville Water Company	Raritan River	2—8″
Ridgefield	Lowe Paper Company	Hackensack Water Company	Deep wells	2—6″
Riegelsville	Riegel Paper Corporation (formerly Warren Manufacturing Company)	Riegel Paper Corporation supply	Musconetcong River	1—8″
Riverside	The Riverside Metal Company (formerly The Keystone Watch Case Corporation)	The Delaware River Water Company	Rancocas Creek	1—6″
				1—8″
Rockaway	Liondale Bleach Dye & Print Works, Inc.	Rockaway Water Department	Rockaway River	1—6″
Roselle	The Watson Stillman Company	Plainfield-Union Water Company	Wells	1—6″
Rutherford	Becton, Dickinson and Company	Hackensack Water Company	Deep well	1—6″
South Bound Brook	The Rubberoid Company	Bound Brook Water Company	Delaware and Raritan Canal	1—8″
South River	South River Spinning Company, Inc.	South River Water Department	Pond	1—8″
Trenton	The Acme Rubber Manufacturing Company	Trenton Water Department	Pond Run Creek	1—2″
				1—6″
Trenton	American Steel and Wire Company	Trenton Water Department	Assunpink Creek and Delaware and Raritan Canal	1—6″
				1—12″
Trenton	Crescent Insulated Wire and Cable Company	Trenton Water Department	Assunpink Creek	1—6″
Trenton	Murray Rubber Company	Trenton Water Department	Assunpink Creek	1—6″
Trenton	Panelyte Corporation	Trenton Water Department	Assunpink Creek	1—6″
Trenton	Princeton Worsted Mills, Inc.	Trenton Water Department	Delaware River and Sanhican Creek	1—6″
Trenton	Public Seating Company (formerly New Jersey Seating Company; original permit issued to New Jersey School Furniture Company)	Trenton Water Department	Cistern	1—6″
Trenton	Public Service Electric and Gas Company	Trenton Water Department	Delaware and Raritan Canal	1—6″
Trenton	John A. Roebling's Sons Company	Trenton Water Department	Delaware and Raritan Canal	1—12″
				1—8″
				2—14″
Trenton	Joseph Stokes Rubber Company	Trenton Water Department	Assunpink Creek	1—6″
Union City	Union Warehouse Corporation (formerly The Schwarzenbach-Huber Company)	Hackensack Water Company	City water cistern	2—6″
				1—8″
West Orange	T. A. Edison, Inc.	Commonwealth Water Company	Artesian wells	3—6″
Wharton	Gotham Silk Hosiery Company, Inc.	Wharton Water Department	Rockaway River	1—8″

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The Issuance of Licenses to Operate Water Purification and/or Treatment Plants and Sewage Treatment Plants

During the year ending June 30, 1934, examinations for licenses to operate water purification and/or treatment plants and sewage treatment plants were conducted on October 26, 1933, and April 20, 1934, in accordance with the provisions of Chapter 23, P. L. of 1918.

The number of applicants for examinations, the number admitted to the examinations, the number of applicants examined and the number of licenses issued for each grade and class to operate sewage treatment plants and water purification and/or treatment plants, respectively, are presented in the following tabluation:

Sewage	*No. of Applicants*	*No. of Applicants Accepted*	*No. of Applicants Examined*	*No. of Licenses Issued*
Grade A	17	15	13	9
" B	3	3	3	3
" C, Division 1	4	3	2	0
" C, Division 2	2	2	2	1
" C, Division 3	0	0	0	0
" D, Division 1	10	7	7	3
" D, Division 2	9	7	7	5
" D, Division 3	1	1	1	1
" E	2	2	1	1
" F	6	4	3	0
" G	1	1	1	1
" S	13	12	10	7
Total	68	57	50	31
Water:				
First Class	9	8	8	6
Second Class	1	1	1	0
Third Class	4	4	3	2
Fourth Class	22	22	20	12
Total	36	35	32	20
Combined Total	104	92	82	51

Percentage of number of applicants that were accepted for the examinations 88.46%

Percentage of number of applicants examined that were issued licenses 62.2%

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Two "Prior-to" licenses were issued to operate water purification and/or treatment plants in accordance with the provision contained in Section 2 of Chapter 23, P. L. of 1918.

Two permits to operate additional treatment plants under authority of licenses held were issued in accordance with the provisions of Section 11 of the Rules and Regulations governing the issuance of licenses.

The department, through proceedings instituted by the Attorney General, obtained an injunction in the Court of Chancery against a corporation of the State restraining the violation of the licensing act, Chapter 23, P. L. of 1918.

Experience in the administration of the licensing act under the Rules and Regulations which were adopted on July 12, 1932, had shown that certain alternatives and changes in the qualifications required for admission of applicants to the examinations were essential. The definition of "Training" was changed to include "acceptable credit" attained by the applicant instead of completion of the course or mere attendance at a school. The definition of "Experience" was supplemented by "or, equivalent in the opinion of the State Department of Health" because some applicants lacking the required number of years of actual operating experience to be admitted to the examination for the grade or class of license desired offered experience in such closely allied work to augment actual operating experience that their qualifications were unquestionable. The revisions to that section of the Rules and Regulations relating to qualifications required for admission of applicants to the examinations for licenses were adopted by resolution of the New Jersey State Department of Health at a meeting held on March 6, 1934. Said resolution and revisions are as follows:

RESOLUTION

WHEREAS, The Department of Health of the State of New Jersey deems it necessary to make certain changes in the qualifications required for admission of applicants to examinations for licenses to operate water purification and/or treatment plants and sewage treatment plants, as contained in the Rules and Regulations governing the said examinations for licenses, which Rules and Regulations were amended and adopted by the Department of Health on July 12, 1932; therefore,

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Be It Resolved, By the Department of Health of the State of New Jersey, at the meeting held on the sixth day of March, A. D., one thousand nine hundred and thirty-four, that the following revisions to the qualifications required for admission of applicants to examinations for licenses to operate water purification and/or treatment plants and sewage treatment plants be and are herewith adopted by the Department of Health of the State of New Jersey:

Qualifications Required for Admission of Applicants to Examinations for Licenses to Operate Water Purification and/or Treatment Plants

Definitions:

1. TRAINING shall be interpreted as acceptable credit for an operators' short course or vocational school course, specializing in water purification and/or treatment; or, equivalent in the opinion of the State Department of Health,

2. EXPERIENCE shall be interpreted as the time actually engaged as a licensed operator in charge of a water purification and/or treatment plant or engaged as an assistant at a plant requiring the classification of license desired; or, equivalent in the opinion of the State Department of Health.

Qualifications Required for Admission of Applicants to Examinations for Licenses to Operate Sewage Treatment Plants

Definitions:

1. TRAINING shall be interpreted as acceptable credit for an operators' short course or vocational school course, specializing in sewage treatment; or, equivalent in the opinion of the State Department of Health.

2. EXPERIENCE shall be interpreted as the time actually engaged as a licensed operator in charge of a sewage treatment plant or engaged as an assistant at a plant requiring the classification of license desired; or, equivalent in the opinion of the State Department of Health.

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DESCRIPTIVE DATA OF PUBLIC

OWNER AND MUNICIPALITIES SUPPLIED	SOURCE OF SUPPLY	Other Sources Available for Emergency
Allendale (Municipality)	2 driven wells, 450′-500′ deep	
Allenhurst (Municipality)	3 driven wells, 550′ deep	
Allentown (Municipality)	Indian Run Spring Pond; Tributary to Doctor's Creek	
Asbury Park (Municipality) (Neptune Twp., part)	3 wells, 1132′-10″ casing, 8″ strainer	1 repaired well, 1000′ deep
Association of Property Owners (Gillette Section of Passaic Twp.)	1 driven well, 410′ deep	
Atlantic City (Municipality)	13 artesian wells, 100′-675′ deep; impounding reservoir on Absecon Creek	
Atlantic County Water Co. of New Jersey (Absecon) (Linwood) (Northfield) (Pleasantville) (Somers Point)	2 driven wells at Somers Point, 118′ deep; 2 driven wells at Pleasantville, 125′ deep; Bargaintown Pond at Pleasantville	
Atlantic Highlands (Municipality) (Middletown Twp., part)	2 driven wells, 130′-593′ deep	
Avalon (Municipality)	1 driven well, 925′ deep	2 driven wells, 950′ deep
Avon (Municipality)	2 driven wells, 510′ deep	1 driven well, 1150′ deep
Barnegat City (Municipality)	1 driven well, 510′ deep	
Barnegat Water Co. (Barnegat Section of Union Twp.)	2 driven wells, 150′-152′ deep	
Bartley, A. H. (Mount Olive Twp., Bartley Section, part)	Spring	
Bassett Park Association (Bassett Park Section of Mine Hill Twp.)	1 driven well, 102′ deep	
Beach Haven (Municipality)	3 driven wells, 575′-615′ deep	
Beaver Brook Water Co. (Lebanon)	Buys water from Clinton Water & Water Supply Co.	
Belmar (Municipality) (South Belmar) (Wall Twp., West Belmar Section)	10 driven wells, 655′ deep	
Berlin (Municipality) (Berlin Twp.., part)	4 driven wells, 76′-366′ deep	
Bernards Water Company (Bernardsville) (Bernards Twp., Basking Ridge Section)	Passaic River	
Blackwood Water Company (Gloucester Twp., Blackwood Section)	1 driven well, 399′ deep	Nos. 1 and 2 wells, 85′ deep
Blair Water Company (Blairstown, Town)	2 driven wells, 300′ deep	
Bloomsbury (Municipality)	Mountain springs	Musconetcong River
Bogota Water Company (Bogota)	1 driven well 180′ deep	
Boonton (Municipality) (Boonton Twp., part)	Stony Brook in Brook Valley 2 driven wells, 38′-43′ deep	
Bordentown (Municipality) (Bordentown Twp., part) (Sells water to White Horse Water Company)	17 wells; 15 springs; 37 catch-basins and manholes on lines	
Bound Brook Water Co. (Bound Brook) (Bridgewater Twp., part) (Middlesex Boro, part) (South Bound Brook)	East and west branches of Middle Brook at Chimney Rock	20 driven wells, 125′-150′ deep
Branchville (Municipality)	Dry Brook, which is spring over-flows	Spring Brook Pond
Bridgeton (Municipality)	West branch of Cohansey River; also buys water from Fairbranks-Morse Water Supply Co.	

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WATER SUPPLIES IN NEW JERSEY

TREATMENT	Population, 1930 Permanent	Population Supplied Estimated	1932 Consumption in Thousand Gals. Per Day	Hardness	Alkalinity	PREVIOUS NAMES OF SUPPLIES
	1,730	1,730	70	150	86	
Filtration (pressure) and lime treatment for iron removal	573	573*	178	98	75	
Coagulation, sedimentation, rapid sand filtration and chlorination	706	706	24	34	10	
Aeration, sedimentation, pressure filtration	14,981	12,000*	1,325	56	30	
	10,625	7,575*				
	2,149	350	....	162	159	Gillette Water Co. Mutual Realty Co.
Chlorination	66,198	66,198*	12,336	16	1	
Surface supply; prolonged storage and chlorination	2,158	2,158*	660	10	2	
	1,514	1,514*				
	2,804	2,804*				
	11,580	11,580*				
	2,073	2,073*				
Aeration and pressure filtration for iron removal	2,000	2,000*				
Chlorination for emergency, two older wells	9,209	50*	185	75	58	
No treatment required for the 2 wells in use. Pressure filtration for emergency well	343	343*	175	45	88	
	1,220	1,220*	138	88	80	
	144	75*	2	39	99	
	144	69*	48	21	28	
	1,037	500*				
	1,235	150		14	6	
	1,422	250		31	34	
	715	715*	206	18	8	
	550	550				
	3,491	3,491*	563	82	76	
	886	886*				
	3,540	150*				
	1,955	1,955	142	43	29	
	1,537	1,200				
Slow sand filters and chlorination	1,336	1,336	366	34	18	
	2,293	670				
Chlorination			104	51	76	
	5,820	1,450				
Chlorination	1,416	800	58	14	200	
Coagulation, rapid sand filtration and chlorination	639	639	63	47	0	
	7,341	5,041	96	200	144	
Prolonged storage and chlorination for surface supply	6,866	6,866	827	34	17	United Water Supply Company
	623	100				
	4,405	4,405	694	26	27	
	818	75				
Coagulation, sedimentation, pressure filters, hydrated lime, chlorination and ammoniation	7,372	7,372		82	34	
	3,352	2,000	411			
	3,504	500				
	1,763	1,763				
Chlorination	665	615	120	20	10	
Coagulation, sedimentation, rapid sand filtration and chlorination	15,699	15,699	3,093	27	10	

* Seasonal increase from 2 to 20 times in population.

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DESCRIPTIVE DATA OF PUBLIC

OWNER AND MUNICIPALITIES SUPPLIED	SOURCE OF SUPPLY	Other Sources Available for Emergency
Bridgeport Water Co. (Bridgeport, Logan Twp.)	1 driven well, 41′ deep	2-4″ wells, 40′ deep
Brigantine City (Municipality)	1 driven well, 829′ deep	1 driven well, 785′ deep
Brooklawn (Municipality) (Crescent Park Section of Bellmawr)	2 driven wells, 152′-165′ deep	
Browns Mills Co., The (Pemberton Twp., Browns Mills Section)	1 driven well, 300′ deep	
Buckhorn Springs Water Co. (Belvidere)	Buckhorn Creek; 2 driven wells, 81′-92′ deep	
Burlington (Municipality) (Springside Section of Burlington Twp.) (Burlington Twp., part)	Delaware River	
Butler (Municipality) (Bloomingdale) (Pompton Lakes) (Riverdale) (Wanaque)	Apshawa and Kikeout Brooks	
Califon Water Company (Califon)	3 springs	
Camden (Municipality)	9 driven wells at Morris Station; 8 driven wells at various locations in Camden City; 5 driven wells at Puchach Station	105 wells at Delair Station
Camp Meeting Association of Newark Conference, M. E. (Hanover Twp., Mt. Tabor Section)	1 spring and 2 wells, 20′-24′ deep	
Canfield, Nettie (Mt. Olive Twp., Budd Lake Section)	1 covered spring	
Cape May (Municipality) (South Cape May) (West Cape May) (Lower Twp., part)	13 driven wells, 30′-312′ deep	
Cape May Point (Municipality) (Lower Township)	1 driven well, 610′ deep	
Chatham (Municipality)	6 driven wells, 125′-150′ deep	
Chatham Colony Association (Floral Hill Section of Chatham)	1 driven well, 276′ deep	
Chester Township (Maple Shade Section) (Municipality)	3 driven wells, 110′-129′ deep	
Clayton (Municipality)	1 driven well, 100′ deep	
Clementon (Municipality) (Lindenwold) (Pine Hill)	6 driven wells, 165′-247′ deep	
Cliffwood Beach Co., Inc. (Matawan Twp., Cliffwood Beach Section)	Buys water from Laurence Harbor Heights Company	
Clinton Water & Water Supply Co. (Clinton) (Clinton Twp., Annandale Section) (Sells water to Beaver Brook Water Co., supplying Lebanon)	Beaver Brook; 1 driven well, 1197′ deep	
Clymer Spring Water Co., Riegelsville, Pa. (Pohatcong Twp., Riegelsville Section)	Springs	
Coast and Inland Development Co. (Dover Twp., Normandy Beach Section)	1 driven well, 1038′ deep	
Collingswood (Municipality) (Haddon Twp., part) (Woodlynne)	3 driven wells, 297′-337′ deep	
Colonial Manor Water Co. (West Deptford Twp., Colonial Manor Section)	1 driven well, 140′ deep	
Columbus Water Company (Columbus Section of Mansfield Twp.)	2 driven wells, 220′-225′ deep	1 driven well, 230′ deep

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WATER SUPPLIES IN NEW JERSEY—Continued

TREATMENT	Population, 1930 Permanent	Population Supplied Estimated	1932 Consumption in Thousand Gals. Per Day	Hardness	Alkalinity	PREVIOUS NAMES OF SUPPLIES
	1,860	800	20	50	0	
	357	357*	146	30	30	
	1,753	1,753	155	86	72	
	1,123	100				
	1,929	200*	89	82	86	
Chlorination and ammoniation for surface supply	2,073	2,073*	381	30	16	
Coagulation, sedimentation, rapid sand filtration and chlorination	10,844	10,844	1,134	44	9	
	2,587	250				
	2,587	100				
Chlorination and ammoniation	3,392	3,392	748	14	7	Butler Water Co., Mountain Service Water Co., New Jersey Water Service Co.
	2,543	2,543				
	3,104	3,104				
	1,052	550				
	3,119	2,500				
Chlorination	534	500	23	48	23	
	118,700	105,000	15,249	78	26	
Chlorination	2,516	200*	24	42	23	
	1,235	50*		18	29	
Chlorination	2,637	2,637*	919	37	57	
	6	6*				
	1,048	1,048*				
	1,444	100*				
	104	104*	45	104	308	
	1,444	400*				
	3,869	3,500	332	112	80	
	3,869	369		118	47	
Aeration; coke box, sedimentation and pressure filtration	5,117	4,000	423	48	41	Maple Shade Water Company
Aeration and soda treatment	2,351	1,500	29	22	50	Clayton-Glassboro Water Co.
	2,605	2,605	160	70	68	
	2,523	1,800				
	1,392	800				
	2,496	130*				
Chlorination and ammoniation	932	932	158	113	135	
	1,856	400				
	550	550				
	1,974	550		20	14	Miss Valeria Clymer
	3,970	200*		20	151	Normandy Beach Water Co.
Aeration and chlorination	12,723	12,723	1,230	70	54	
	9,198	6,000				
	2,878	2,878				
	3,956	1,200	36	70	92	
	1,709	500	22	80	82	

* Seasonal increase from 2 to 20 times in population.

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DESCRIPTIVE DATA OF PUBLIC

OWNER AND MUNICIPALITIES SUPPLIED	SOURCE OF SUPPLY	Other Sources Available for Emergency
Commonwealth Water Co. (Summit, part) (Hillside Twp., part) (Irvington) (Livingston Twp.) (Maplewood Twp.) (Millburn Twp.) (New Providence Boro) (Passaic Twp.) (New Providence Twp.) (Springfield Twp., part) (Union Twp., part) (West Orange) (Water sold to Elizabethtown Water Co. Cons.)	Canoe Brook Station; 16 wells, 105′-379′ deep. Canoe Brook, Impounded reservoir. Baltusrol Station; 6 wells, 200′-300′ deep. Infiltration galleries. Short Hills Station; 2 wells, 76′-84′ deep	Millington Wells
Cook, H. A. Estate (Dutch Neck Section of West Windsor Twp.)	3 wells, 30′ deep	
Comp, C. A. (Yardville and Yardville Hts. Sections of Hamilton Twp.)	2 springs at Yardville 2 springs at Yardville Heights	
Corson's Inlet Water Co. (Village of Strathmere on Ludlams Beach, Section of Upper Twp.)	1 driven well, 840′ deep	
Cozy Lake, Inc. (Jefferson Township)	1 driven well, 63′ deep	
Cranbury Water Co. (Cranbury Village)	2 driven wells, 104′-267′ deep	
Crane Co., Arthur D. (Lake Mohawk Section of Sparta Twp.)	3 driven wells, 55′-69′ deep	
Crane Co., Arthur D. (Lake Mohawk Section of Byram Twp.)	1 driven well, 28′ deep	
Cranmer (Pearl E.) (White Horse Section of Hamilton Twp.)	1 driven well, 75′ deep	
Crestmont Realty Co. (Crestmont Park Section of Ewing Twp.)	1 driven well, 165′ deep	
Crosswicks Water Co. (Crosswicks Section of Chesterfield Twp.)	Spring collecting drains	
Delaware River Water Co. (Beverley) (Delanco Twp.) (Edgewater Park Twp.) (Riverside Twp.)	13 driven wells, 75′-80′ deep	
Denville Township (Municipality)	2 driven wells, 147′-150′ deep	
Dover (Municipality)	3 driven wells, 67′-200′ deep; springs	
Dugan, Edward J., and Laura (Sparta)	1 spring (covered)	
E. I. du Pont de Nemours & Co. (Haskell Section of Wanaque)	Shallow wells, 25′-30′ deep	
E. I. du Pont de Nemours & Co. (Deepwater Village and Carney's Point Sections of Upper Penn's Neck Twp.)		
E. I. du Pont de Nemours & Co. (Gibbstown Section of Greenwich Twp.)	1 driven well, 96′ deep	
East Greenwich Twp. (Mt. Royal, Clarksboro and Mickleton Sections)	1 driven well, 206′ deep	
East Orange (Municipality)	12 driven wells, 125′-300′ deep	
Egg Harbor City (Municipality) (Galloway Twp., part)	2 driven wells, 410′-440′ deep	
Eichler, August (East Greenwich Twp.) (Mickleton Section)	1 driven well, 176 deep	

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WATER SUPPLIES IN NEW JERSEY—Continued

TREATMENT	Population, 1930 Permanent	Population Supplied Estimated	1932 Consumption in Thousand Gals. Per Day	Hardness	Alkalinity	PREVIOUS NAMES OF SUPPLIES
Prolonged storage, coagulation, sedimentation, rapid sand filtration and chlorination. Well water and filtered water chlorinated. Baltusrol Station, chlorination; Short Hills Station, chlorination	14,566	14,566				
	17,601	3,500				
	56,733	56,733				
	3,476	3,476	6,423	157	83	
	21,321	21,321				
	8,602	6,602				
	1,918	1,918				
	2,149	1,500				
	1,899	1,899				
	3,725	720				
	16,472	2,700				
	24,327	24,327				
	1,711	125		66	12	
	27,121	450		33	3	
		60		36	8	
	1,657	165*	56	33	68	
	1,254	100*				
Aeration, lime treatment and chlorination	1,278	1,000	34	56	5	
	1,316	250*				
	245	75*				
	2,721	30	3	32	5	
	6,942	150		47	50	
	1,269	510	27	28	5	
	2,864	2,864				
	2,349	2,000				
	1,243	800	444	50	15	
	7,061	5,000				
	2,162	1,500	214	52	49	
Chlorination for springs	10,031	10,000	728	104	109	
	1,316	150		242	182	Dr. T. H. Andress, A. Foulds
	3,119	400	73	36	25	
Chlorination	3,879	450	38	15	81	
		900				
	2,361	550	20	23	44	
	2,031	70	25	46	187	
		200				
		100				
	68,020	68,020	4,711	101	76	
Aeration, sedimentation, pressure filtration and chlorination	3,478	3,478	176	18	5	
	3,416	200				
	2,031	150		62	182	

* Seasonal increase from 2 to 20 times in population.

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DESCRIPTIVE DATA OF PUBLIC

OWNER AND MUNICIPALITIES SUPPLIED	SOURCE OF SUPPLY	Other Sources Available for Emergency
Elizabethtown Water Co., Cons. (Clark Township) (Dunellen) (Elizabeth, part) (Hillside Twp) (Linden) (Union Township)	Hammock Station, 56 driven wells, 100′-500′ deep; Springfield Station, 54 driven wells, 135′-700′ deep; Piscataway Station, 13 driven wells, 125′ deep; Watchung Station, 8 driven wells, 125′-210′ deep; Bridgewater Township, complete filtration plant, junction of Millstone and Raritan Rivers	
Elmer Water Company (Elmer)	1 driven well, 73′ deep	1 old driven well 73′ deep
Essex Fells (Municipality) (Caldwell) (North Caldwell) (West Caldwell) (Verona) (Roseland)	11 driven wells, 36′-295′ deep	
Evans, Charles N. (Lincoln Park, Hill Section)	1 driven well, 49′ deep	
Fairbanks-Morse Co. (Bridgeton)	2 driven wells, 70′-95′ deep	
Fairlawn (Municipality)	5 driven wells, 310′-325′ deep	
Farmingdale (Municipality) (Howell Twp., part)	1 driven well, 480′ deep	
Flemington Water Co. (Flemington) (Raritan Twp., part)	3 driven wells, 209′-405′ deep; 4 springs; South Branch of Raritan River	
Florence Twp. (Municipality)	2 driven wells, 118′-124′ deep	
Florham Park (Municipality) (E. Hanover Twp., part)	2 driven wells, 48′ deep	
Fortesque Water Co. (Fortesque Section of Downe Twp.)	1 driven well, 306′ deep	
Franklin Water Co. (Franklin)	Franklin Pond, fed by Wallkill River and Black Brook	
Freehold (Municipality)	9 driven wells, 200′ deep	
Frenchtown Water Co. (Frenchtown)	1 driven well, 286′ deep	
Garfield (Municipality) (East Paterson) (Saddle River Twp.)	15 driven wells, 350′-400′ deep	
Glassboro (Municipality)	1 driven well, 654′ deep	
Glen Gardner Water Co. (Glen Gardner)	Springs	
Gloucester (Municipality)	5 driven wells, 91′-180′ deep	
Gold Mine Manor Water Co. (Gold Mine Manor, section of Budd Lake)	2 covered springs	
Gravity Water Supply Co. (Far Hills) (Bedminster)	Buys water from Gladstone-Peapack	
Greenwich Twp. (Municipality-Gibbstown Section)	1 driven well, 100′ deep	
Grenloch Water Co. (Grenloch Section of Gloucester Twp.)	2 driven wells, 160′ deep	
Gropp, Andrew (White Horse section of Hamilton Twp.)	1 driven well, 53′ deep	
Hackensack Water Co. (New Milford) (Alpine) (Bergenfield) (Bogota) (Carlstadt) (Cliffside Park) (Closter) (Cresskill) (Demarest) (Dumont) (East Rutherford) (Edgewater)	Hackensack River	

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WATER SUPPLIES IN NEW JERSEY—Continued

TREATMENT	Population, 1930 Permanent	Population Supplied Estimated	1932 Consumption in Thousand Gals. Per Day	Hardness	Alkalinity	PREVIOUS NAMES OF SUPPLIES
Chlorination for all supplies, surface water; chlorination and ammoniation, subsidence, coagulation, activated carbon, sedimentation, rapid sand filtration and post chlorination	1,474	800				Watchung Water Co. (part of present supply)
	5,148	5,094				
	114,589	110,589				
	17,601	14,000	7,902	58	19	
	21,206	19,506				
	16,472	8,572				
	1,219	1,219	121	26	26	
Chlorination	1,115	1,115				
	5,155	5,094				
	1,492	1,492				
	2,911	2,911	1,174	92	69	
	7,161	7,161				
	1,058	1,058				
	1,831	600	1	80	54	
Aeration	15,699			15	2	
Chlorination	5,990	5,500	377	115	37	
	629	629				West Monmouth Water Co.
	3,146	800	18	94	56	
Chlorination for springs and surface	2,729	2,729	344			
Aeration and chlorination	7,824	4,000	177	20	7	
	1,269	1,269	85	126	98	
	1,574	140*		74	90	
Coagulation, rapid sand filtration and chlorination	4,176	4,176	236	55	32	New Jersey Zinc Co.
	6,894	6,894	403	168	84	
Chlorination	1,189	1,189	74	130	110	
Chlorination	29,739	29,739	1,957	109	69	
	4,779	4,779				
	2,424	2,424				
Chlorination	4,799	4,799	163	68	114	Clayton-Glassboro Water Co.
	554	554		20	13	
Aeration, sedimentation, rapid sand filtration and chlorination	13,796	13,796	1,195	84	38	
Chlorination	1,235	60*				
	500	200				
	1,374	150				
Chlorination	2,361	600	46	64	7	
Chlorination	5,820	250	30	69	60	Bateman Mfg. Co., Grenloch Realty Co.
	27,121	60		35	4	
Prechlorination, coagulation, activated carbon, sedimentation, rapid sand filtration, lime and post-chlorination	2,556	2,556	33,005	65	30	
	521	521				
	8,816	8,816				
	7,341	2,300				
	5,425	5,425				
	15,267	15,267				
	2,502	2,502				
	1,924	1,924				
	1,013	1,013				
	5,861	5,861				
	7,080	7,080				
	4,089	4,089				

* Seasonal increase from 2 to 20 times in population.

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DESCRIPTIVE DATA OF PUBLIC

OWNER AND MUNICIPALITIES SUPPLIED	SOURCE OF SUPPLY	Other Sources Available for Emergency
(Emerson)		
(Englewood)		
(Englewood Cliffs)		
(Fairview)		
(Fort Lee)		
(Guttenberg)		
(Hackensack)		
(Harrington Park)		
(Hasbrouck Heights)		
(Haworth		
(Hillsdale)		
(Leonia)		
(Little Ferry)		
(Lodi Township)		
(Lodi Boro)		
(Maywood)		
(Moonachie)		
(North Bergen)		
(Northvale)		
(Norwood)		
(Oradell)		
(Palisades Park)		
(Paramus)		
(Ridgefield)		
(Ridgefield Park)		
(River Edge)		
(Rivervale)		
(Rochelle Park Twp.)		
(Rutherford)		
(Secaucus)		
(Teaneck)		
(Teterboro)		
(Tenafly)		
(Union City)		
(Washington Twp.)		
(Weehawken)		
(Westwood)		
(West New York)		
(Woodcliffe Lake)		
(Wood Ridge)		
Hackettstown (Municipality)	Mine Brook	
(Independence Twp., part)	Mine Hill Brook	
(Washington Twp., part)	Spring	
Haddonfield (Municipality)	4 driven wells, 218'-268' deep	No. 1 well, 8" x 218'
(Tavistock)		
Haledon (Municipality)	Tributary of Passaic River	
(North Haledon)		
(Paterson, part)		
(Wayne Twp., part)		
Hamburg (Municipality)	3 driven wells, 68'-103' deep	
Hamilton Square Water Company	1 driven well, 130' deep	
(Hamilton Twp., Hamilton Square Section)		
Hammonton (Municipality)	3 driven wells, 318'-320' deep	
Harvey Cedars (Municipality)	2 driven wells, 350'-500' deep	
Hanover Water Co. (Wrightstown)	2 driven wells, 140'-341' deep	
Hawthorne (Municipality)	10 driven wells, 350' deep	
(Wyckoff Twp.)		
(Glen Rock, part)		
Helme Company, George W. (Helmetta)	1 dug well 12" x 26' 1 tube well 6" x 36'	Dug well used for emergency
Hendershot, J. Blair (Sparta, part)	Spring	

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WATER SUPPLIES IN NEW JERSEY—Continued

TREATMENT	Population, 1930 Permanent	Population Supplied Estimated	1932 Consumption in Thousand Gals. Per Day	Hardness	Alkalinity	PREVIOUS NAMES OF SUPPLIES
	1,394	1,394				
	17,805	17,805				
	809	809				
	9,067	9,067				
	8,759	8,759				
	6,535	6,535				
	24,568	24,568				
	1,251	1,251				
	5,658	5,658				
	1,042	1,042				
	2,959	2,959				
	5,350	5,350				
	4,155	4,155				
	1,294	650				
	11,549	200				
	3,398	3,398				
	1,465	1,465				
	40,714	40,714				
	1,144	1,144				
	1,358	1,358				
	2,360	2,360				
	7,065	7,065				
	2,649	2,649				
	4,671	4,671				
	10,764	10,764				
	2,210	2,210				
	871	871				
	1,768	400				
	14,915	14,915				
	8,950	8,925				
	16,513	16,513				
	26	26				
	5,669	5,665				
	58,659	58,659				
	402	402				
	14,807	14,807				
	4,861	4,861				
	37,107	37,107				
	871	400				
	5,159	5,159				
Chlorination	3,038	3,038	355	18	13	
	964	150				
	1,007	200				
Aeration for wells 1 and 4	8,857	8,000	673	95	77	
	20	20				
Prolonged storage, prechlorination, coagulation, activated carbon, sedimentation, rapid sand filtration, chlorination and ammoniation	4,812	4,812	739	46	14	
	2,157	2,157				
	138,513	30				
	4,469	25				
Chlorination	1,160	1,160	32	170	226	
	27,121	400	6	26	6	
	6,417	6,417	398	14	11	
	53	53*	6	30	12	
	176	176	6	100	96	Wrightstown Water, Electric Light & Sewer Co.
Chlorination for emergency	11,868	11,868	765	113	68	
	801	601	19	22	8	
	1,316	500		115	180	D. K. Fisher

* Seasonal increase from 2 to 20 times in population.

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DESCRIPTIVE DATA OF PUBLIC

OWNER AND MUNICIPALITIES SUPPLIED	SOURCE OF SUPPLY	Other Sources Available for Emergency
High Bridge (Municipality) (Taylor Wharton Iron & Steel Co.) (Central R. R. of N. J.)	Willoughby Brook	McCatharan spring 2 driven wells, 63'-100' deep
Highlands (Municipality)	3 driven wells, 165'-650' deep	
Hightstown (Municipality)	6 driven wells, 200' deep	
Hoffman, W. A. (Budd Lake Section of Mt. Olive Twp.)	3 wells, 18' deep	
Hopewell (Municipality)	2 driven wells, 248'-251' deep	
Hundermark Hotel Corp. (Town of Fortesque)	1 driven well, 285' deep	
Hulse, Estate of Aaron S. (Budd Lake Section of Mt. Olive Twp.)	1 driven well, 224' deep	
Ideal Beach Water Co. (East Keansburg)	2 driven wells, 160'-165' deep	
Island Heights (Municipality)	2 driven wells, 365' deep	
Jamesburg Water Company (Jamesburg)	5 driven wells, 70'-128' deep	
Jersey City (Municipality) (North Caldwell, part) (Clifton, part) (Hoboken) (Lyndhurst Twp.) (North Arlington Twp.) (Ellis Island, New York Harbor) (Fort Wood, Liberty Island, New York Harbor) (Bayonne, in emergency)	Rockaway River	
Junction Water Company (Hampton)	Rocky Run; 12 springs; 1 driven well, 327' deep	
Keansburg (Municipality)	2 driven wells, 354' deep	
Keyport (Municipality)	3 driven wells, 240'-276' deep	4 driven wells, 240'-276' deep
Kingston Water Co. (Franklin Twp., Kingston Section)	1 driven well, 83' deep	
Lakehurst (Municipality)	1 shallow well, 40' deep	1 driven well, 1020' deep
Lakeside Water Co. (Kirkwood Section of Voorhees Twp.)	Buys water from Laurel Springs Water Co.	
Lakewood Water Co. (Lakewood) (Howell Twp., part)	3 driven wells, 615' deep	4 shallow wells, Metedeconk River sealed by department
Lambertville Water Co. (Lambertville)	Swan Creek	
Laurel Springs Water Co. (Gibbsboro) (Hi Nella) (Laurel Springs) (Lawnside) (Lindenwold) (Magnolia) (Somerdale) (Stratford) (Sells to Lakeside Water Co. for distribution at Kirkwood)	6 driven wells 96'-130' deep	
Laurence Harbor Heights Co. (Madison Twp., Laurence Harbor and Morgan Beach Sections) (Supplys water to Cliffwood Beach Water Co.)	Buys water from Borough of Sayreville	
Lavallette (Municipality)	driven wells, 1136'-1522' deep	
Lawrenceville Water Co. (Lawrence Twp., Lawrenceville Section)	2 driven wells, 110'-230' deep	

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WATER SUPPLIES IN NEW JERSEY—Continued

TREATMENT	Population, 1930 Permanent	Population Supplied Estimated	1932 Consumption in Thousand Gals. Per Day	Hardness	Alkalinity	PREVIOUS NAMES OF SUPPLIES
Chlorination and ammoniation	1,860	1,860	116	28	14	
Aeration and slow sand filtration for iron removal	1,877	1,877*	252	72	36	
Lime treatment and pressure filtration for CO_2 and iron removal	3,012	3,012	270	36	23	
	1,235	50*				
	1,467	1,467	65	119	94	
	1,574	10*		81	89	H. Garrison Supply
	1,235	50*		27	19	
Aeration and slow sand filtration	2,190	300*	39	32	21	
Aeration	453	453	120	15	9	
	2,048	2,048	39	28	2	
Prolonged storage and chlorination	316,715	316,715	54,219	36	38	
	1,492					
	46,857					
	59,261	59,261				
	17,362					
	8,263	8,263				
	88,979					
Chlorination	861	861	113	28	12	
Aeration, lime treatment and pressure filtration for iron removal	2,190	1,890*	559	37	32	Keansburg Water Co.
Aeration and rapid sand filtration	4,940	4,940*	534	16	12	
	5,675	150	17	69	48	Wm. J. Flemer
	947	947*	33	9	30	Lakehurst Sewer Co.
	1,405	400				
Chlorination except from deep well	7,869	3,020*	612	8	20	
Prolonged storage, slow sand filtration, chlorination and ammoniation	4,660	4,660	300	47	19	
Chlorination	622	600				
	160	100				
	1,343	1,343				
	1,379	1,100				
	2,523	2,200				
	1,522	1,522	419	76	48	
	1,151	1,151				
	958	958				
	2,566	200*	59	30	9	
	287	287*	67	23	176	
	6,293	1,500	32	31	28	

* Seasonal increase from 2 to 20 times in population.

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DESCRIPTIVE DATA OF PUBLIC

OWNER AND MUNICIPALITIES SUPPLIED	SOURCE OF SUPPLY	Other Sources Available for Emergency
Lodi (Municipality)	5 driven wells, 304'-332' deep	
Long Valley Water Co. (Washington Twp., Long Valley Section)	Spring fields and underdrains	
Lopatcong Water Co. (Phillipsburg, part) (Harmony Twp.) (Lopatcong Twp.)	Merrill Brook	
Lumberton Light, Water and Sewerage Co. (Lumberton Twp.)	1 driven well, 404' deep	
Madison (Municipality)	11 driven wells, 86'-160' deep	
Mahwah Water Co. (Hohokus Twp., Mahwah Section)	7 driven wells, 36'-655' deep	
Manasquan (Municipality) (Brielle) (Wall Twp., part)	6 driven wells, 50'-150' deep	
Mantua Water Co. (Mantua Twp.)	2 driven wells, 204'-205' deep	
Manville (Municipality)	7 driven wells, 110'-125' deep	
Margate City (Municipality) (Longport)	3 driven wells, 815' deep	
Marlton Water Co. (Marlton)	2 driven wells, 212'-237' deep	
Matawan (Municipality)	3 driven wells, 200'-325' deep	
Mays Landing (Municipality, Hamilton Twp., Atlantic County)	1 driven well, 215' deep	2 driven wells, 211'-243' deep
Mays Landing Water Power Co. (Mays Landing Section of Hamilton Twp., Atlantic County)	2 driven wells, 176' deep	Lake Lenape
McGalliard, Edward T. (White Horse Section of Hamilton Twp.)	1 driven well, 170' deep	
McGalliard, W. V. (White Horse Section of Hamilton Twp.)	2 driven wells, 175'-225' deep	
Medford Water Co. (Medford Twp.)	1 driven well, 538' deep	Rancocas Creek
Mendham (Municipality) (Mendham Twp., part)	4 springs; Indian Brook, tributary to North Branch of Raritan River	
Merchantville-Pennsauken Water Commission (Merchantville) (Pensauken Twp., part) (Delaware Twp., part) (Camden, part)	13 driven wells, 75'-227' deep	3 wells
Middlesex Water Co. (Woodbridge Twp.) (Carteret) (Clark Twp.) (Metuchen) (Raritan Twp.) (South Plainfield) (Sells water to Plainfield Union Water Co.) (Buys water from city of Perth Amboy)	17 driven wells, 300' deep at Park Ave., Plainfield; 11 driven wells, 300' deep at South Plainfield; Robinson's Branch of Rahway River at Rahway	
Millville (Municipality)	9 driven wells, 106' deep	
Millville Water Co. (Millville)	5 driven wells, 135'-400' deep	2 driven wells
Mine Springs Water Co. (Milford)	1 driven well, 96' deep; 1 circular well, 20' deep	

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WATER SUPPLIES IN NEW JERSEY—Continued

TREATMENT	Population, 1930 Permanent	Population Supplied Estimated	1932 Consumption in Thousand Gals. Per Day	Hardness	Alkalinity	PREVIOUS NAMES OF SUPPLIES
	11,549	11,000	587	121	99	Fidelity Land Co., Beach Haven Terrace Water Co., Brant Beach, Beach Haven North Co.
Chlorination	1,615	550	14	18	11	German Valley Water Co.
Chlorination	19,255	755	603	33	15	
	1,311	100				
	1,269	150				
	905	600	21	92	86	
	7,481	7,481	628	140	100	
	3,536	500	80	127	84	Cragmere Water Co.
	2,330	2,320*	337	16	2	
	684	684*				
	3,540	40				
Chlorination	2,677	1,000	19	26	153	Job Scott Supply
	5,441	5,441	55	103	42	
	2,913	2,913*	609	73	54	
	1,654	1,100		130	126	
Aeration and slow sand filtration for iron removal	2,264	2,264*	175	10	24	
	3,193	1,000	70	22	20	
Chlorination for emergency supply	3,193	500		44	43	
	27,121	200		19	3	
	27,121	200		11	2	
Chlorination for emergency supply	2,021	1,200	54	177	163	
Slow sand filtration for brook supply	1,278	1,278	85	34	4	
Chlorination and ammoniation for springs and brook	1,003	400				
Aeration and pressure filtration for iron removal	3,592	3,592	986	35	13	Merchantville Water Co.
	16,915	11,415				
	5,734	3,500				
	118,700	1,711				
Chlorination for well supplies; coagulation, sedimentation, rapid sand filtration and chlorination for surface supply	25,266	25,266	5,656	162	111	
	13,339	13,339				
	1,474	400				
	5,748	5,748				
	10,025	3,000				
	5,047	825				
	14,705	7,500	1,362	24	2	Peoples Water Co.
Coagulation, sedimentation, rapid sand filtration and chlorination for surface supply	14,705	7,205	1,669	9	2	
Chlorination	933	933	39	121	100	

* Seasonal increase from 2 to 20 times in population.

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DESCRIPTIVE DATA OF PUBLIC

OWNER AND MUNICIPALITIES SUPPLIED	SOURCE OF SUPPLY	Other Sources Available for Emergency
Monmouth Consolidated Water Co. (Asbury Park, part) (Neptune Twp.) (Bradley Beach) (Deal) (Eatontown) (Fair Haven) (Interlaken) (Little Silver) (Long Branch) (Monmouth Beach) (Middletown Twp.) (Neptune City) (Ocean Grove) (Ocean Twp.) (Oceanport) (Red Bank, part) (Rumson) (Sea Bright) (Shrewsbury Twp.) (West Long Branch)	Yellow and Hop Brooks, impounded at Newman Springs Station; Whale Pond Brook, impounded at West Long Branch Station; Jumping Brook, impounded at Neptune Twp. Station; 2 driven wells, 610'-981' deep; Whitesville Station	19 driven wells, 450'-650' at Ocean Grove
Monroe Township (Municipality, Williamstown Section)	2 driven wells, 102'-114' deep	
Moorestown Twp. (Municipality)	5 driven wells, 250'-493' deep	
Morris and Sussex Water Service Co. (Lake Rogerene Section of Mount Arlington) (Lake Hopatcong, Hopatcong Park Section, Byram Cove)	1 driven well, 100' deep at Lake Rogerene; 1 driven well, 251' deep at Hopatcong Park	
Morristown (Municipality) (Hanover Twp., part) (Harding Twp., part) (Morris Plains) (Mendham Twp., part)	Harmony Brook, impounded; 8 driven wells at Normandy Heights; springs at Jones Woods	1 driven well, 50' deep and 1 shallow well at Sand Spring Station
Mountain Heights Water Co. (Lincoln Park)	1 driven well, 230' deep	
Mountain Lakes (Municipality) (Parsippany-Troy Hills Twp., part)	5 driven wells, 50'-469' deep	Cross connected to Boonton Water Dep't
Mount Holly Water Co. (Mount Holly Twp.) (Hainesport Twp., part) (Lumberton Twp., part)	1 driven well, 380' deep	Rancocas Creek
Mountain View Water Co. (Mountain View)	1 driven well, 214' deep	
National Park (Municipality) (West Deptford Twp., Red Bank Section)	2 driven wells, 100'-120' deep	
Neptunus Water Co. (Cape May Court House Section of Middle Twp.)	1 driven well, 278' deep; 2 shallow wells, 24'-27' deep	
Netcong (Municipality)	2 driven wells, 29'-85' deep	Springs
Newark (Municipality) (Belleville) (Bloomfield) (Elizabeth, part) (Hillside) (sold to and distributed by Elizabethtown Water Co. Cons.) (Nutley) (Packanack Lake) (Wayne Twp.)	Pequannock River (Newark); North Jersey District Water Supply Comm. (Wanaque)	
New Brunswick (Municipality) (Franklin Twp., part) (Highland Park) (Milltown) (North Brunswick Twp.)	Lawrence Brook	

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WATER SUPPLIES IN NEW JERSEY—Continued

TREATMENT	Population, 1930 Permanent	Population Supplied Estimated	1932 Consumption in Thousand Gals. Per Day	Hardness	Alkalinity	PREVIOUS NAMES OF SUPPLIES
Prechlorination, coagulation, activated carbon, sedimentation, pressure filtration and chlorination at West Long Branch and Neptune Twp. stations; Newman Springs station same except gravity filters in place of pressure filters; driven wells aeration, sedimentation and pressure filters for iron removal	14,981	2,900*				Tintern Manor Water Co., Monmouth County Water Co.
	10,625	3,050*				
	3,306	3,306*				
	800	800*				
	1,938	1,938*				
	2,260	2,000*				
	545	500*				
	1,109	1,109*				
	18,399	18,399*	6,898	52	44	
	457	457*				
	9,209	9,209*				
	2,258	2,258*				
	10,625	3,050*				
	2,892	2,892*				
	1,872	1,872*				
	11,622	600*				
	2,073	2,073*				
	899	899*				
	1,052	1,052*				
	1,686	1,686*				
	4,064	1,500	50	37	9	Tice Supply, Monroe Twp. Water Co.
Aeration, sedimentation, rapid sand filtration and lime treatment for iron removal	7,247	7,247	430	87	62	
	306	100*	1	53	44	
	2,000	30*				
		30*				
Prolonged storage and chlorination and ammoniation for main supply Harmony Brook	15,197	15,197	1,718	16	11	Morris Aqueduct Co.
	2,516	1,500				
	1,206	800				
	1,713	1,713				
	1,003	600				
	1,831	400				
Chlorination	2,132	2,132*	147	82	53	Hillcrest Water Co.
	6,631	1,000				
Aeration, sedimentation, rapid sand filtration and chlorination for algae control	6,573	6,000	319	79	77	
	984	400				
	905	250				
	1,828	1,828	192	22	0	
	3,956	25				
	3,430	2,360	44	41	44	Cape May Court House Water Department
	2,097	2,097	92	91	66	
Prolonged storage chlorination and ammoniation	452,000	452,000	42,091	32	19	
	28,000	28,000	1,563			
	38,100	38,100	3,357			
	115,000	115,000	2,398			
			96			
	21,000	21,000	987			
	500	500				
	2,000	2,000				
Aeration, coagulation, sedimentation, rapid sand filtration, chlorination and ammoniation	34,555	34,555	5,419	40	14	
	5,675	800				
	8,691	8,691				
	2,994	2,994				
	3,622	3,000				

* Seasonal increase from 2 to 20 times in population.

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DESCRIPTIVE DATA OF PUBLIC

OWNER AND MUNICIPALITIES SUPPLIED	SOURCE OF SUPPLY	Other Sources Available for Emergency
New Brunswick Water Co. (Raritan Twp.)	1 driven well, 200′ deep	
New Egypt Light, Heat, Power and Water Co. (Plumstead Twp., New Egypt Section)	1 driven well, 285′ deep	
New Jersey Conference Camp Meeting Assoc. (Pitman, part) (Mantua Twp., Pitman Grove Section)	2 driven wells, 183′ deep	
New Jersey Water Co. (Haddon Heights) (Audubon) (Bellmawr) (Barrington) (Camden, part) (Delaware Twp., part) (Haddonfield, part) (Haddon Twp., part) (Mt. Ephraim) (Oaklyn) (Pensauken Twp., part) (Runnemede) (Voorhees Twp., Ashland Terrace Section)	Camden Division, 23 driven wells, 40′-184′ deep; Haddon Heights Division, 1 driven well 405′ at Ashland Terrace; 1 driven well, 318′ at Runnemede; 1 driven well, 264′ at Barrington; 3 driven wells, 202′-271′ at Haddon Heights	4 wells at Camden Station
New Jersey Water Service Co. (East Newark) (Harrison) (Little Falls)	Buys water from Passaic Valley Water Commission	
New Orange Park Water, Heat, Light and Power Co. (Kenilworth, New Orange Park Section)	1 driven well, 275′ deep	
Newton (Municipality)	Morris Lake	
Nicholas, H. R. H. (Mt. Olive Twp., Flanders Section)	Spring	
North Jersey District Water Supply Commission (Bayonne) (Elizabeth, part) (Glen Ridge) (Kearny) (Montclair) (Newark, part) (Passaic Valley Water Commission)	Wanaque River	
Oakland (Municipality)	2 driven wells, 85′-185′ deep	
Ober, Charles C. (Newfield)	1 driven well, 26′ deep	
Ocean City Water Service Co. (Ocean City)	7 driven wells, 809′-840′ deep	
Ocean County Water Co. (Bay Head) (Brick Twp., part) (Mantoloking)	Bay Head District, 4 driven wells 685′-850′ deep; Mantoloking District, 3 driven wells, 700′-1000′ deep	3 driven wells in Mantoloking District about 1000′ deep
Ocean Gate Water Co. (Ocean Gate)	1 driven well, 376′ deep	
Ogdensburg (Municipality)	Spring, brook	
Orange (Municipality) (West Orange, part)	West Branch of Rahway River	3 driven wells and springs
Orchard Terrace Water Co. (Bellmawr)	1 driven well, 226′ deep	
Park Ridge (Municipality) (Montvale) (Woodcliffe Lake) (Rivervale, part)	2 driven wells, 252′-435′ deep	
Parsippany-Troy Hills Twp. (Municipality)	1 driven well, 136′ deep	

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WATER SUPPLIES IN NEW JERSEY—Continued

TREATMENT	Population, 1930 Permanent	Population Supplied Estimated	1932 Consumption in Thousand Gals. Per Day	Hardness	Alkalinity	PREVIOUS NAMES OF SUPPLIES
	10,025	600	10	178	156	Murbeck Realty Co.
Chlorination	1,215	850	28	78	79	
Chlorination	5,411	400	120	81	93	
	2,677	600*				
Haddon Heights Division. All wells except the one at Ashland Terrace are aerated and filtered by means of pressure filters	5,394	5,394	1,338	82	82	Stockton Water Co. (Camden)
	8,904	8,904				
	1,123	800				
	2,252	2,252				
	118,700	12,000				
	5,734	2,200				
	8,857	850				
	9,198	3,100				
	2,319	2,000				
	3,843	3,843				
	16,915	4,700				
	2,436	2,436				
	1,405	200				
	2,686	2,686				
	15,601	15,601				
	5,161	5,161				
	2,243	1,243	15	132	81	
Prolonged storage and chlorination at Morris Lake and High St. balancing reservoir	5,401	5,401	631	39	45	
	1,235	50				
Prolonged storage, chlorination and lime treatment						
	88,979	88,979	9,755	28	14	
	115,000		2,398			
	7,365	7,365	490			
	40,716	40,716	4,617			
	42,017	42,017	3,118			
	452,000		9,475			
			17,358			
	735	700	19	81	59	
	880	150		18	1	
Aeration for three wells for H_2S removal. Chlorination at No. 2 well station	5,525	5,525*	770	41	65	Ocean City Water Co.
Chlorination						Artesian Water Co., Bay Head Water Co.
	429	429*	258	78	90	
	1,172	50				
	37	37*				
	100	100*	10	48	63	Great Eastern Building Corp., New Jersey Coast Water Co.
Coagulation, pressure filtration and chlorination	1,138	1,138	62	29	19	
Coagulation, pressure filtration and chlorination	35,399	35,399	2,622	100	59	
	24,327					
	1,123	500		100	90	A. Z. Schultz
Chlorination for well No. 2, 435' deep	2,229	2,229	184	71	83	
	1,243	400				
	871	300				
	871	75				
	6,631	3,000	54	88	89	

* Seasonal increase from 2 to 20 times in population.

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DESCRIPTIVE DATA OF PUBLIC

OWNER AND MUNICIPALITIES SUPPLIED	SOURCE OF SUPPLY	Other Sources Available for Emergency
Passaic Valley Water Commission (Clifton) (Passaic) (Paterson, part) (Prospect Park)	Passaic River. Buys water from North Jersey District Water Supply Commission	
Paulsboro (Municipality)	2 driven wells, 98'-105' deep	
Peapack-Gladstone (Municipality) (Bedminister Twp., part) (Far Hills, sells to Gravity Water Supply Co.)	Emmons Pond	
Pemberton (Municipality) (Pemberton Twp., part)	North Branch of Rancocas Creek	
Pennington (Municipality)	3 driven wells, 156'-657' deep; 1 spring	
Pennsgrove Water Supply Company (Pedrickstown, Oldman Twp.) (Pennsgrove) (Upper Penn's Neck Twp., part)	3 driven wells, 141'-162' deep	
Peoples Water Co. (Phillipsburg) (Lopatcong Twp., part) (Pohatcong Twp., part)	Infiltration chamber for springs	
Perth Amboy (Municipality) (East Brunswick Twp.) (Sayreville, part) (Woodbridge Twp., part) (Sells water to Piscataway Twp.) (Sells water to Middlesex Water Co.) (Sells water to South Amboy in emergency)	113 driven wells, 65'-300' deep	
Pine Cliff Lake Realty Co. (West Milford Twp.)	Notch Brook	
Pine Crest Improvement Association (Outlook Park Section of Budd Lake)	5 springs, covered	
Pitman (Municipality)	1 driven well, 514' deep	12 driven wells, 514' deep
Plainfield-Union Water Co. (Plainfield) (Clark Twp., part) (Cranford Twp.) (Elizabeth, part) (Fanwood) (Garwood) (Kenilworth) (Linden, part) (Mountainside, part) (North Plainfield) (Piscataway Twp., part) (Roselle) (Roselle Park) (Scotch Plains Twp.) (South Plainfield, part) (Watchung) (Westfield)	16 driven wells, 250'-500' deep at Netherwood; 2 driven wells, 300' deep at South Plainfield	
Plausha Park Land Co. (Montville Twp., Towaco Section)	1 driven well, 200' deep	
Point Pleasant Beach (Municipality) (Point Pleasant)	7 driven wells, 148'-152' deep	
Pottersville Water Co. (Bedminster Twp., Pottersville Section, part) (Tewksbury Twp., part)	Cold Brook, tributary of Black River	
Princeton Bank & Trust Co. (West Windsor Twp., Berrien City and Princeton Gardens Sections)	1 driven well, 198' deep	

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WATER SUPPLIES IN NEW JERSEY—Continued

TREATMENT	Population, 1930 Permanent	Population Supplied Estimated	1932 Consumption in Thousand Gals. Per Day	Hardness	Alkalinity	PREVIOUS NAMES OF SUPPLIES
Coagulation, sedimentation, rapid sand filtration and chlorination	46,875	40,000				Montclair Water Co., Passaic Consolidated Water Co.
	62,959	62,959				
	138,513	30,000				
	5,909	5,909				
	7,121	7,121	600	32	9	
Chlorination	1,273	1,273	116	30	8	Bedminster Water Co.
	1,374	750				
	560	500				
Chlorination	783	783	72	12	16	
	1,929	500				
Chlorination	1,335	1,335	62	100	84	Pennington Spring Water Co.
Aeration, lime sedimentation and rapid sand filtration	1,431	800	324	66	59	
	5,895	5,895				
	3,879	50				
Chlorination						
	19,255	18,500	1,414	122	96	
	1,269	100				
	1,974	150				
Aeration, pressure filtration and lime treatment	43,516	43,516	4,665	55	22	
	2,711	700				
	8,658	4,000				
	25,266	20,000				
	5,865					
	8,476					
Chlorination	1,901	400	20	53	21	
Chlorination	1,235	100*		35	29	
	5,411	5,000	227	12	214	Pitman Water Co.
Chlorination						
	34,422	30,400	4,985	206	138	
	1,474	250				
	11,126	11,126				
	114,589	2,000				
	1,681	1,681				
	3,344	3,344				
	2,243	1,000				
	21,206	1,700				
	965	965				
	9,760	9,760				
	5,865	2,000				
	13,021	11,521				
	8,969	8,969				
	4,186	4,000				
	5,047	3,747				
	906	906				
	15,801	15,801				
	2,467	200*	1	232	86	
	1,844	1,844*	554	32	30	
	2,058	2,058*				
Chlorination	1,374	200		29	21	
	1,119	50	171			
	1,711	200		37	51	Estate of A. L. Berrien

* Seasonal increase from 2 to 20 times in population.

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DESCRIPTIVE DATA OF PUBLIC

OWNER AND MUNICIPALITIES SUPPLIED	SOURCE OF SUPPLY	Other Sources Available for Emergency
Princeton Water Co. (Princeton) (Princeton Twp.)	Stony Brook Station, 5 driven wells, 300′-450′ deep; Harrison Street station, 3 driven wells, 300′-500′ deep; 3 wells at Stony Brook Station in reserve	
Property Owners Cooperative Assoc. of Middlesex County, Inc. (Helmetta, Jamesburg Park Section)	1 driven well, 224′ deep	
Prospect Point Water Co. (Prospect Point Section of Lake Hopatcong in Jefferson Twp.)	1 driven well, 369′ deep	
Rahway (Municipality)	Rahway River	
Ramsey (Municipality)	3 driven wells, 202′-419′ deep	
Red Bank (Municipality) (Fair Haven, part)	3 driven wells, 320′-710′ deep	
Reid, Arthur (Mt. Olive Twp., Outlook Park, Budd Lake Section)	2 springs	
Ridgewood (Municipality) (Glenn Rock) (Hohokus) (Midland Park)	9 driven wells, 201′-298′ deep	
Remington, John C., Jr. (Fortescue Section of Downe Twp.)	1 driven well, 300′ deep	
Riddle, Frank (Hampton)	1 driven well, 64.5′ deep	
Riegel Paper Corporation (Hughesville Plant) (Hughesville Mill) (Holland Twp.)	Brook	
Riegel Paper Corporation (Milford) (Milford Mill) (Milford)	7 dug wells, 40′ deep	
Riegel Paper Corporation (Warren Glenn, Pohatcong Twp.)	1 dug well, 22′ deep	
Ringwood Company, The (The Awosting Section of West Milford Twp.)	2 driven wells, 136′-365′ deep	
(Lake Erskine Manor Section of Ringwood Borough)	3 driven wells, 164′-505′ deep	
Riverton-Palmyra Water Co. (Riverton) (Cinnaminson Twp., part) (Palmyra)	6 driven wells and infiltration drains	
Rockaway (Municipality)	1 driven well, 50′ deep	1 driven well, 65′ deep
Roebling's Sons Co., John A. (Florence Twp., Roebling Section)	1 driven well, 196′ deep	Delaware River
Salem (Municipality) (Quinton Twp.)	34 driven wells, 135′-250′ deep and Laurel Lake	
Sayreville (Municipality)	Buys water from South Amboy	
Sea Girt (Municipality)	2 driven wells, 160′ deep	1 driven well, 760′ deep
Sea Isle City (Municipality)	4 driven wells, 856′-875′ deep	
Seaside Heights (Municipality) (Sunset Island, west of Seaside Heights)	1 driven well, 460′ deep	
Seaside Park (Municipality)	2 driven wells, 525′-530′ deep	1 driven well, 230′ deep
Sewell Water Co. (Sewell)	2 driven wells, 80′ deep	
Ship Bottom-Beach Arlington (Municipality)	2 driven wells, 300′-590′ deep	
Short Hills Water Co. (Merged with Commonwealth Water Company)		

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WATER SUPPLIES IN NEW JERSEY—Continued

TREATMENT	Population, 1930 Permanent	Population Supplied Estimated	1932 Consumption in Thousand Gals. Per Day	Hardness	Alkalinity	PREVIOUS NAMES OF SUPPLIES
Chlorination (part)	6,992	6,992	995	80	54	
	2,738	1,200				
	801	200		22	8	
	1,254	150*	2	38	37	Home Colony, Inc.
Coagulation, sedimentation, rapid sand filtration, chlorination and ammoniation	16,011	16,011	3,056	55	11	
	3,258	3,258	177	114	63	
Aeration, pressure filtration and chlorination and ammoniation for algae control	11,622	11,022*	752	115	107	
	2,260	260				
	1,235	50*		78	27	
Chlorination; 5 wells at Wortendyke Station and 1 well at East Glen Ave. Station	12,188	12,188	1,353	102	56	Bergen Water Co.
	4,369	4,369				
	925	925				
	3,638	3,638				
	1,574	10		74	90	Blew, D. H. Supply
	861	75		78	27	
Chlorination	994			72	34	
Chlorination				125	68	Warren Mfg. Corp.
Chlorination	1,974			133	68	
	1,901	250		46	0	
	1,038	200		73	69	
	2,483	2,483	691	65	16	
	2,277	1,000				
	4,968	4,968				
	3,132	3,123	153	58	31	
Rapid sand filtration and chlorination for emergency supply	7,824	3,500	274	72	57	
	8,074	8,074	1,012	71	53	
Wells: chlorination. Surface: pre-chlorination, coagulation, aeration, sedimentation, rapid sand filtration and chlorination	1,166	500				
	8,658					
	386	386*	132	52	40	
	850	850*	241	36	81	
Chlorination	399	399*	80	9	26	Peninsula Water Co.
	20	20*				
Aeration and rapid sand filtration	571	571*	50	9	116	
Chlorination	2,677	650	12	88	64	
	277	277*	31	27	19	Beach Arlington Water Co.

* Seasonal increase from 2 to 20 times in population.

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DESCRIPTIVE DATA OF PUBLIC

OWNER AND MUNICIPALITIES SUPPLIED	SOURCE OF SUPPLY	Other Sources Available for Emergency
Smith Machine Co., H. B. (Smithville Section of Easthampton Twp.)	2 driven wells, 112'-175' deep	
Somerville Water Co. (Raritan) (Somerville)	Raritan River	
South Amboy (Municipality) (Sayreville, Morgan Heights Section) (Buys water from Perth Amboy in emergency)	3 driven wells, 50'-55' deep, springs	
South Jersey Water Supply Company (Mullica Hill)	2 driven wells, 260'-265' deep	
South Orange (Municipality)	10 driven wells, 274'-380' deep	
South River (Municipality) (East Brunswick Twp., part)	1 driven well, 193' deep; 900' collecting drains, 18' deep	
Spring Lake (Municipality) (Spring Lake Heights)	6 driven wells, 700'-710' deep; 5 shallow wells, 100'-158' deep	
Spring Water Company (Chester)	Spring	
Stanhope (Municipality)	2 driven wells, 80'-90' deep	
State Board of Commerce and Navigation (Lacey Twp., Forked River Section)	1 driven well, 42.5' deep	
Stewartsville Water Co. (Stewartsville)	1 driven well, 250' deep	
Stockton (Municipality)	2 driven wells, 160' deep	
Stone Harbor (Municipality)	2 driven wells, 890' deep	
Stonwald Park Assoc. (Mt. Olive Twp., Budd Lake Section)	1 shallow well, 22' deep	
Surf City Water Co. (Surf City)	1 driven well, 564' deep	
Sussex (Municipality)	Lake Rutherford	
Swackhamer, B. B. (Long Valley Section of Washington Twp.)	Springs	
Swedesboro (Municipality)	1 driven well	3 driven wells
Thieme, Margaret (Princeton Twp.)	1 driven well, 170' deep	
Toms River Water Co. (Dover Twp., Toms River Section) (South Toms River) (Berkeley Twp., part)	5 driven wells, 43'-62' deep	
Trenton (Municipality) (Ewing Twp., part) (Hamilton Twp., part) (Lawrence Twp., part)	Delaware River	
Tuckerton Railroad Co. (Whitings Section of Manchester Twp.)	1 driven well, 148' deep	
Tuckerton Water Co. (Tuckerton)	1 driven well, 190' deep	
Union Beach (Municipality) (Raritan Twp., part)	2 driven wells, 300' deep	
Ventnor (Municipality)	7 driven wells, 800'-825' deep	
Vincetown Water Co. (Vincentown section of Mt. Holly Twp.)	1 driven well, 150' deep	Rancocas Creek, South Branch
Vineland (Municipality) (Landis Twp., part)	2 driven wells, 150' deep	1 driven well, 136' deep, 1 driven well, Kimble Glass Co.
Waldwick (Municipality) (Hohokus, Northern Section) (Saddle River, part)	3 driven wells, 275'-300' deep	
Wallington (Municipality)	6 driven wells, 275'-500' deep	
Washington Water Co. (Washington)	Roaring Rock Brook	
Weinberg, Regina H. (Pennsville) (Lower Penns Neck Twp.)	1 driven well, 35' deep	
Wenonah (Municipality)	8 driven wells, 210'-276' deep	
West Jersey Water Service, Inc. (Budd Lake Section of Mt. Olive Twp.)	1 driven well, 341' deep	

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WATER SUPPLIES IN NEW JERSEY—Continued

TREATMENT	Population, 1930 Permanent	Population Supplied Estimated	1932 Consumption in Thousand Gals. Per Day	Hardness	Alkalinity	PREVIOUS NAMES OF SUPPLIES
Aeration, sedimentation and rapid sand filtration	503	400	...	56	52	
Coagulation, sedimentation, rapid sand filtration and chlorination	4,751	4,751	1,870	60	19	
	8,255	8,255				
Chlorination	8,476	3,000	822	34	8	
	8,658	1,500				
	1,827	1,000	68	52	261	Harrison Heights Improvement Co.
	13,630	13,630	1,133	41	76	
Lime to increase pH	10,759	10,759	297	24	10	
	2,711	100				
	1,745	1,745*	380	68	70	
	1,221	1,221				
	1,453	50	25	32	21	
	1,089	1,089	82	47	32	
	692					
Chlorination						
	556	556	25	104	39	
	363	363*	99	22	19	
	1,235	100*		55	32	Oppenheim Supply
	76	76*	10	34	18	
Chlorination	1,415	1,415	362	17	15	
	1,615	250		40	14	M. T. Welsh
Chlorination for emergency supply	2,123	2,123	93	74	79	Woolwich Water Co.
Chlorination	2,738	40		120	100	
Lime						
	3,970	2,400*	326	46	22	
	405	405				
	811	150				
Coagulation, sedimentation, rapid sand filtration and chlorination	123,356	123,356	15,516	44	13	
	6,942	3,500				
	27,121	8,000				
	6,293	1,000				
	1,009	25		16	2	
Lime and pressure filtration	1,429	1,429*	99	16	8	
Aeration, lime, sedimentation and pressure filtration	1,893	1,893*	69	12	28	
	1,568	500				
Chlorination for emergency supply	6,573	700	17	80	64	
Aeration	7,556	7,556	966	30	4	
	14,047	3,000				
	1,728	1,728	88	100	81	
	3,536	150				
	657	50				
Chlorination	9,063	9,063	332	171	129	
Chlorination	4,410	4,410	355	19	11	
	2,933	80	8	114	20	
	1,245	1,245	93	36	128	
Chlorination	1,235	50*	6	39	32	

* Seasonal increase from 2 to 20 times in population.

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DESCRIPTIVE DATA OF PUBLIC

OWNER AND MUNICIPALITIES SUPPLIED	SOURCE OF SUPPLY	Other Sources Available for Emergency
Westville (Municipality) (Deptford Twp., part) (West Deptford Twp., part)	1 driven well, 112' deep	3 driven wells, 112'-117' deep
Wharton (Municipality)	Rockaway River above Stevens Brook	
Whippany Water Co. (Hanover Twp.)	Buys water from Morristown	
White Horse Water Company (White Horse Section of Hamilton Twp.)	Buys water from Bordentown	
Wildwood (Municipality) (North Wildwood) (West Wildwood) (Wildwood Crest) (Middle Twp., part)	32 driven wells, 50'-1000' deep	Wells at Wildwood and North Wildwood
Winters, Albert (Hohokus Twp., Mahwah Section)	Spring	Mahwah Water Co. supply
Wood, Mining Co., Alan (Oxford)	McKinley springs	
Woodbine Light, Power and Water Co. (Woodbine)		
Woodbury (Municipality) (Woodbury Heights) (Deptford Twp., part)	10 driven wells, 287'-293' deep	
Woodstown (Municipality)	1 driven well, 711' deep	6 old wells located along creek

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WATER SUPPLIES IN NEW JERSEY—Continued

TREATMENT	Population, 1930 Permanent	Population Supplied Estimated	1932 Consumption in Thousand Gals. Per Day	Hardness	Alkalinity	PREVIOUS NAMES OF SUPPLIES
	3,462	3,462	148	59	75	Westville Newbold Water Co.
	4,507	2,000				
	3,956	600				
Coagulation, chlorination and pressure filtration	3,683	3,683	94	42	20	
	2,516	1,000		20	162	
	27,121	250				
Chlorination (part)	5,366	5,330*	1,626	62	46	Wildwood Water Co.
	2,049	2,049*				
	178	178*				
	738	738*				
	3,430	40				
	3,536	100		123	71	
Chlorination						Reploge Steel Co., Oxford Steel and Iron Co., Warren Foundry & Pipe Corp.
	2,164	2,164	92	26	3	Woodbine Land & Improvement Co.
Aeration, chlorination and ammoniation	8,172	8,172	639	24	142	
	997	997				
	4,507	50				
	1,832	1,832	83	12	198	

* Seasonal increase from 2 to 20 times in population.

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STATE INSTITUTION WATER SUPPLIES IN NEW JERSEY

LOCATION	NAME OF INSTITUTION	SOURCE OF SUPPLY	TREATMENT
Annandale	State Reformatory for Men	Spring	
Clinton	State Reformatory for Women	1 driven well, 65′ deep	
Glen Gardner	New Jersey Hospital for Tuberculous Diseases	Rocky Run Brook	Chlorination
Greystone Park	State Hospital	Springs, tributary to Whippany River	Chlorination
Jamesburg	State Home for Boys	2 driven wells, 500′ deep	Aeration and sand filtration (pressure) iron removal
Kearny	State Home for Soldiers	1 driven well, 600′ deep; purchases water from Passaic Valley Water Commission	
Leesburg	State Prison Farm	1 driven well, 34′ deep	
New Lisbon	State Colony for Feeble-Minded Males	2 driven wells, 90′ deep	
Skillman	State Village for Epileptics	Rock Brook, 2 driven wells, 150′-475′ deep	Rapid sand filtration (gravity) and chlorine disinfection
Trenton	State Home for Girls	1 driven well, 255′ deep and Trenton City supply	
Trenton	State Hospital	9 driven wells (5 in use) 250′-588′ deep and Trenton City supply	
Trenton	State School for the Deaf	2 driven wells, 125′-360′ deep	
Vineland	Home for Feeble-Minded Women	3 driven wells, 135′ deep	
Vineland	Home for Soldiers	1 driven well, 124′ deep	
Vineland	The Training School	3 driven wells, 110′-130′ deep	
Woodbine	Home for Feeble-Minded Males	2 driven wells, 186′ deep	

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COUNTY INSTITUTION WATE R SUPPLIES IN NEW JERSEY

LOCATION	NAME OF INSTITUTION	SOURCE OF SUPPLY	TREATMENT
Allenwood	Monmouth County Tuberculosis Hospital	1 driven well, 100′ deep	
Branchville	Sussex County Almshouse	Springs	
Bridgeton	Cumberland County Almshouse	1 driven well, 100′ deep	
Bridgeton	Cumberland County Hospital for the Insane	1 driven well	
Cape May Court House	Cape May County Almshouse	1 driven well	
Cedar Grove	Essex County Hospital for the Insane	Driven wells	
Clarksboro	Gloucester County Almshouse	Spring	
Egg Harbor City	Atlantic County Detention House	1 driven well, 24′ deep	
Grenloch	Camden County Institutions	4 driven wells, 115′ deep	Aeration
Morris Plains	Morris County Almshouse	1 driven well	
Morris Plains	Shonghum Sanatorium of Morris County	1 driven well	
New Lisbon	Burlington County Hospital for the Insane	2 driven wells	
Northfield	Atlantic County Institutions	3 driven wells, 150′-350′ deep	
Oxford	Warren County Almshouse	Spring	Chlorination
Scotch Plains	Bonnie Burn Sanatorium of Union County	2 driven wells	
Woodstown	Salem County Almshouse	1 dug well, 14′ deep, 1 spring	

WATER SUPPLIES ABANDONED AS SOU RCES FOR PUBLIC POTABLE PURPOSES

July 1, 1932, t o June 30, 1934

LOCATION	OWNER	SOURCE OF SUPPLY	TREATMENT	DATE APPROVED	STRUCK FROM LIST OF PUBLIC POTABLE WATER SUPPLIES
Hamilton Township (White Horse Section)	Thomas J. Parent	1 driven well, 84′ deep		4-5-32	11-1-32
Hohokus Township (Mahwah Section)	John Winter	1 driven well		....	2-7-33
Jefferson Township (Lake Hopatcong Section)	Kenneth and Emma Brown (formerly Emma B. Wheeler)	Spring		5-18-26	2-7-33
North Brunswick Township	Municipality	1 driven well, 103′ deep		9-14-26	7-12-32
Milford	Riegel Paper Corporation	Delaware River	Rapid sand filtration (gravity) and chlorination	4-7-25	9-12-33
Parsippany-Troy Hills Township	Parsippany Water Company	1 driven well, 282′ deep		6-7-27 9-18-28	5-1-34 ....

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The following table lists the municipal sewage treatment plants operating at the end of the fiscal year, June 30, 1934:

MUNICIPAL SEWAGE TREATMENT PLANTS IN NEW JERSEY

LOCATION	OWNERSHIP, MUNICIPALITY OR COMPANY	COUNTY IN WHICH PLANT IS LOCATED	MUNICIPALITIES OR LOCATIONS SERVED	Permanent Population, 1930 Census	Estimated Population Served
Allenhurst	Borough	Monmouth	Allenhurst	573*	573*
Asbury Park	City	Monmouth	Asbury Park	14,981*	14,981*
Atlantic City	City	Atlantic	Chelsea Heights Section	66,198*	758*
Atlantic City (City Island Plant)	Atlantic City Sewerage Company	Atlantic	Morris Ave. to Georgia Ave.	66,198*	48,680*
Atlantic City (Raleigh Ave. Plant)	Atlantic City Sewerage Company	Atlantic	Albany Ave. to Jackson Ave.	66,198*	4,858*
Atlantic City (Texas Ave. Plant)	Atlantic City Sewerage Company	Atlantic	Georgia Ave. to Albany Ave.	66,198*	760*
Atlantic Highlands	Borough	Monmouth	Atlantic Highlands	2,000*	2 000*
Audubon	Borough	Camden	Audubon	8,904	8,904
Avalon	Borough	Cape May	Avalon	343*	343*
Avon	Borough	Monmouth	Avon	1,220*	1,220*

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Barrington	Borough	Camden	Barrington	2,252	2,252
Bay Head	Borough	Ocean	Bay Head	429*	429*
Beach Haven	Borough	Ocean	Beach Haven	715*	715*
Belmar	Borough	Monmouth	Belmar	3,491*	3,491*
			South Belmar	886*	886*
Bergenfield	Boroughs of Bergenfield and Dumont	Bergen	Bergenfield	8,816	8,816
			Dumont	5,861	5,861
Bernardsville	Borough	Somerset	Bernardsville	3,336	3,336
Beverly	City	Burlington	Beverly	2,864	2,864
Bogota	Borough	Bergen	Bogota	7,341	7,341
Boonton	Jersey City	Morris	Boonton	6,866	6,866
			Dover	10,031	10,031
			Rockaway (Part)	3,132	....
			Wharton (not connected)	3,683	....
			Hibernia (not connected)	1,395	....
Bordentown	City	Burlington	Bordentown	4,405	4,405
Bradley Beach (Ocean Park Ave. Plant) (District No. 1)	Borough	Monmouth	Bradley Beach	3,306*	2,006*
Bradley Beach (Evergreen Ave. Plant) (District No. 2)	Borough	Monmouth	Bradley Beach	3,306*	1,000*

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MUNICIPAL SEWAGE TREATMENT PLANTS IN NEW JERSEY—Continued

LOCATION	Date of Approval of Plans for Orlginal Plant	Plant Placed in Operation	Reconstruction of Plant	UNITS OF TREATMENT PLANT	SEWAGE FLOW IN GALLONS PER DAY	EFFLUENT DISCHARGED INTO	PLANT FOR THE PREVENTION OF
Allenhurst	12-5-07	1908	1930	Sedimentation tanks, chlorinator and chlorine contact tank	**350,000 summer **42,000 winter	Atlantic Ocean	Pollutions of bathing or recreational waters and nuisances
Asbury Park	2-27-05	1905	....	Sedimentation tanks	**2,600,000 April, 1932	Atlantic Ocean	Pollutions of bathing or recreational waters and nuisances
Atlantic City	12-2-24	1925	....	Fine mechanical screens and chlorinator	4,000,000	Beach Thoroughfare	Pollution of shellfish area
Atlantic City (City Island Plant)	5-29-14 Amended 8-27-14	1921	....	Grit chamber and sedimentation tank	**9,743,000 March, 1932	Beach Thoroughfare	Pollution of shellfish area
Atlantic City (Raleigh Ave. Plant)	10-19-09	1911	1928	Fine mechanical screens and chlorinator	375,000	Inside Thoroughfare	Pollution of shellfish area
Atlantic City (Texas Ave. Plant)	4-20-20	1921	1928	Fine mechanical screens and chlorinator	2,500,000	Beach Thoroughfare	Pollution of shellfish area
Atlantic Highlands	7-5-27	1928	....	Sedimentation tanks, chlorinator and glass-covered sludge drying beds	600,000	Sandy Hook Bay	Pollution of shellfish area
Audubon	4-2-12	1914	1930	Modified Imhoff tanks, dosing tanks, sprinkling filters and chlorinator, final sedimentation tanks (and chlorine contact combined), sludge digestion tank and glass-covered sludge drying beds	1,200,000	South Branch of Newton Creek	Pollutions of bathing or recreational waters and nuisances
Avalon	8-11-14	1916	....	Sedimentation tank, chlorinator and chlorine contact tank	.....	Townsend's Inlet	Pollutions of bathing or recreational waters and nuisances
Avon	6-1-09	1909	1928 1929	Sedimentation tank, chlorinator and chlorine contact tank	400,000	Atlantic Ocean	Pollutions of bathing or recreational waters and nuisances

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Barrington	4-2-29	1930	....	Grit chamber, preliminary sedimentation tanks, aeration tanks, final sedimentation tanks (with mechanical sludge removal), rapid sand filters, chlorinator, chlorine contact tank, sludge digestion tanks and glass-covered sludge drying beds	600,000	Beaver Brook, tributary of Little Timber Creek	Pollutions of bathing or recreational waters and nuisances
Bay Head	5-2-16	1917	....	Imhoff tanks, sprinkling filters, final sedimentation tanks and sludge drying beds	.....	Barnegat Bay	Pollutions of shellfish area
Beach Haven	1-30-12	1913	1931	Sedimentation tanks, chlorinator and chlorine contact tank	700,000	Atlantic Ocean	Pollutions of bathing or recreational waters and nuisances
Belmar	1-13-09 Revised 4-19-10	1911	....	Sedimentation tanks, chlorinator and chlorine contact tank	800,000	Atlantic Ocean	Pollutions of bathing or recreational waters and nuisances
Bergenfield	6-3-24	1925	1929	Sedimentation tanks, sprinkling filters, chlorinator, chemical dry feed apparatus, final settling tank (and chlorine contact combined), intermittent sand filters, sludge digestion tanks and glass-covered sludge drying beds	2,500,000	Tributary to Hackensack River	Pollutions of bathing or recreational waters and nuisances
Bernardsville	12-6-32	1933	....	Fine and coarse bar screens, sedimentation tanks, sludge removal, aeration tanks, primary sedimentation tanks, chlorine contact tank, sludge digestion tanks and glass covered sludge beds	250,000	Mine Brook, North Branch Raritan River	Pollutions of bathing or recreational waters and nuisances
Beverly	8-10-09 Amended 8-20-12	1913	....	Sedimentation tanks and sludge drying bed	35,000	Delaware River	Pollutions of bathing or recreational waters and nuisances
Bogota	1-21-13	1914	1930	Imhoff tanks, chlorinator and glass-covered sludge drying beds	1,150,000	Hackensack River	Pollutions of bathing or recreational waters and nuisances
Boonton	1-2-23	1928	....	Sedimentation tanks, contact beds, intermittent sand filters, chlorinator, chlorine contact tank, sludge digestion tanks and glass-covered sludge drying beds	2,000,000	Rockaway River	Pollution of potable waters
Bordentown	7-20-09	1911	....	Sedimentation tanks, primary and secondary contact tanks, final sedimentation tanks, intermittent sand filters (not in use) and sludge drying beds	350,000	Black Creek, tributary to Delaware River	Pollution of potable waters
Bradley Beach (Ocean Park Ave. Plant) (District No. 1)	2-9-09	1911	1930	Sedimentation tanks, chlorinator and chlorine contact tank	665,000	Atlantic Ocean	Pollutions of bathing or recreational waters and nuisances
Bradley Beach (Evergreen Ave. Plant) (District No. 2)	4-11-11	1911	....	Sedimentation tanks, chlorinator and chlorine contact tank	335,000	Atlantic Ocean	Pollutions of bathing or recreational waters and nuisances

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MUNICIPAL SEWAGE TREATMENT PLANTS IN NEW JERSEY—Continued

LOCATION	OWNERSHIP, MUNICIPALITY OR COMPANY	COUNTY IN WHICH PLANT IS LOCATED	MUNICIPALITIES OR LOCATIONS SERVED	Permanent Population, 1930 Census	Population Served
Bridgeton	City	Cumberland	Bridgeton	15,698	15,698
Brigantine City	City	Atlantic	Brigantine City	357*	357*
Brooklawn	Borough	Camden	Brooklawn	1,753	1,753
Burlington	City	Burlington	Burlington	10,844	10,844
Butler	Borough	Morris	Butler Bloomingdale	3,392 2,543	3,392 part
Caldwell	Borough	Essex	Caldwell North Caldwell West Caldwell	5,144 1,492 2,911	5,144 part part
Camden	City	Camden	Fairview section of Camden	118,700	(all of Fairview)
Camden	City	Camden	Northern section of Camden Pensauken Township	118,700 16,915	(all of northern part section)
Cape May Point	Borough	Cape May	Cape May Point	104*	part
Carlstadt	Borough	Bergen	Carlstadt	5,425	5,425

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Chatham	Joint Municipalities of Chatham-Madison	Morris	Chatham Madison	3,869 7,481	3,869 7,481
Chester Township	Township	Burlington	Maple Shade section of Chester Township	5,117	2,210
Cliffside Park	Borough	Bergen	Cliffside Park	15,267	part
Collingswood	Borough	Camden	Collingswood	12,723	12,723
Deal	Borough	Monmouth	Deal	800*	.....
Delaware Township	Township	Camden	Erlton Section of Delaware Township	5,734	.....
Delaware Township	Township	Camden	Colwick Section of Delaware Township	5,734	.....
East Rutherford	Borough	Bergen	East Rutherford	7,080	.....
Egg Harbor	City	Atlantic	Egg Haror City	3,478	part
Englewood	Englewood Sewerage Company	Bergen	Englewood	17,805	17,805
Englewood Cliffs	Borough	Bergen	Englewood Cliffs	809	809
Essex Fells	Borough	Essex	Essex Fells	1,115	1,115

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MUNICIPAL SEWAGE TREATMENT PLANTS IN NEW JERSEY—Continued

LOCATION	Date of Approval of Plans for Original Plant	Plant Placed in Operation	Reconstruction of Plant	UNITS OF TREATMENT PLANT	SEWAGE FLOW IN GALLONS PER DAY	EFFLUENT DISCHARGED INTO	PLANT FOR THE PREVENTION OF
Bridgeton	6-25-10	1911	1929	Imhoff tanks, sprinkling filter, final settling tank, chlorinator, chlorine contact tank and glass-covered sludge drying beds	1,500,000	Cohansey River	Pollution of shellfish area
Brigantine City	2-1-27	1927	....	Fine screens and chlorinator	600,000	Beach Thoroughfare near Absecon Inlet	Pollutions of bathing or recreational waters and nuisances
Brooklawn	2-4-19	1919	....	Tidal detention tank	.....	Big Timber Creek, tributary to Delaware River	Pollutions of bathing or recreational waters and nuisances
Burlington	3-18-01	1902	1932	Imhoff tanks, chlorinator, chlorine contact tank and glass-covered sludge drying beds	2,200,000	Drainage ditch, tributary to Delaware River	Pollution of potable waters
Butler	9-16-19	1924	....	Sedimentation tanks, intermittent sand filters, chlorinator, chlorine contact tank and sludge drying beds	247,500	Pequannock River	Pollution of potable waters
Caldwell	7-16-12	1915	1928	Sedimentation tanks, sprinkling filters, chlorinator, intermittent sand filters, final sedimentation tank (and chlorine contact combined) and sludge drying beds	1,000,000	Tributary to Passaic River	Pollution of potable waters
Camden	5-28-18 Amended 9-17-18	1918	....	Sedimentation tanks and sludge drying beds	227,000	Newton Creek, Delaware River	Pollutions of bathing or recreational waters and nuisances
Camden	1-18-28	1929	....	Grit chamber, Imhoff tanks and glass-covered sludge drying beds	2,500,000	Delaware River	Pollutions of bathing or recreational waters and nuisances
Cape May Point	....	1890	....	Sedimentation tanks and broad irrigation	.....	Overflow to Cold Spring Harbor	Pollutions of bathing or recreational waters and nuisances
Carlstadt	3-12-08	1910	....	Sedimentation tanks	284,000	Berry's Creek	Pollutions of bathing or recreational waters and nuisances

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Chatham	8-16-10 Amended 10-31-11	1911	1930	Imhoff tanks, aeration tanks, final sedimentation tanks (with mechanical sludge removal), chlorinator, chlorine contact tank, intermittent sand filters, sludge digestion tank and sludge drying beds	2,000,000	Passaic River	Pollution of potable waters
Chester Township	3-2-26	1927	....	Imhoff tanks, sprinkling filter, chlorinator, final settling tanks (and chlorine contact combined), and sludge drying beds	1,000,000	North Branch Pensauken Creek, Delaware River	Pollutions of bathing or recreational waters and nuisances
Cliffside Park	6-27-11	1914	....	Sedimentation tank	.....	Hudson River	Pollutions of bathing or recreational waters and nuisances
Collingswood	5-14-00	1901	1930	Preliminary sedimentation tanks (with mechanical sludge removal), aeration tanks—final sedimentation tanks (with mechanical sludge removal), chlorinator, chlorine contact tank, sludge digestion tanks and glass-covered sludge drying beds	2,000,000	Newton Lake, Delaware River	Pollutions of bathing or recreational waters and nuisances
Deal	4-13-09	1909	1930	Sedimentation tanks, chlorinator, chlorine contact tank and sludge digestion tank	1,500,000	Atlantic Ocean	Pollutions of bathing or recreational waters and nuisances
Delaware Township	1-10-28	1929	....	Imhoff tank, sprinkling filter, final sedimentation tanks and glass-covered sludge drying beds	200,000	Cooper River, Delaware River	Pollutions of bathing or recreational waters and nuisances
Delaware Township	10-6-25	1926	....	Imhoff tank, sprinkling filter, final sedimentation tank and sludge drying beds	150,000	Pensauken Creek, Delaware River	Pollutions of bathing or recreational waters and nuisances
East Rutherford	3-12-08	1911	....	Sedimentation tanks	.....	Berry's Creek, Hackensack River	Pollutions of bathing or recreational waters and nuisances
Egg Harbor	7-6-20	1922	....	Imhoff tanks, intermittent sand filters and sludge drying beds	262,000	Landing Creek, tributary of Mullica River	Pollution of shellfish area
Englewood	4-4-11	1912	....	Sedimentation tank and sludge drying bed	*900,000 (1931)	Overpeck Creek, Hackensack River	Pollutions of bathing or recreational waters and nuisances
Englewood Cliffs	4-4-26	1927	....	Imhoff tanks and glass-covered sludge drying beds	216,000	Hudson River	Pollutions of bathing or recreational waters and nuisances
Essex Fells	....	1894	1905	Modified chemical precipitation	.....	Caldwell Brook, Passaic River	Pollution of potable waters

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MUNICIPAL SEWAGE TREATMENT PLANTS IN NEW JERSEY—Continued

LOCATION	OWNERSHIP, MUNICIPALITY OR COMPANY	COUNTY IN WHICH PLANT IS LOCATED	MUNICIPALITIES OR LOCATIONS SERVED	Permanent Population, 1950 Census	Estimated Population Served
Fairview	Borough	Bergen	Fairview	9,067	part
Far Hills	Borough	Somerset	Far Hills	560	part
Flemington	Borough	Hunterdon	Flemington	2,729	2,729
Franklin	New Jersey Zinc Co.	Sussex	Franklin	4,176	part
Freehold	Borough	Monmouth	Freehold	6,894	6,894
Glassboro	Borough	Gloucester	Glassboro	4,799	4,799
Gloucester Township	Township	Camden	Blackwood section of Gloucester Township	5,820	630
Hackensack (Northern Plant) (Southern Plant)	City	Bergen	Hackensack	24,568	24,568
Haddonfield (Grove St. Plant)	Borough	Camden	Haddonfield	8,857	part
Haddonfield (Cuthbert Rd. Plant)	Borough	Camden	Haddonfield, part Westmont, Haddon Township	8,857 1,010	part part
Haddon Heights	Borough	Camden	Haddon Heights	5,394	5,394

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Haddon Township	Township	Camden	Bettlewood Section of Haddon Township	9,198	part
Haddon Township	Township	Camden	West Collingswood Section of Haddon Township	9,198	part
Haddon Township	Township	Camden	Westmont Section of Haddon Township	9,198	part
Haddon Township	Township	Camden	West Westmont section of Haddon Township	9,198	part
Hammonton	Town	Atlantic	Hammonton	7,656	7,656
Hasbrouck Heights	Borough	Bergen	Hasbrouck Heights	5,658	5,658
Helmetta	George W. Helme Co.	Middlesex	Helmetta	801	801
Highlands	Borough	Monmouth	Highlands	1,877*	1,877*
Hightstown	Borough	Mercer	Hightstown	3,012	3,012
Hohokus Township	American Land and Building Company	Bergen	Mahwah Section of Hohokus Township	3,536	561
Island Heights (Plant No. 1)	Borough	Ocean	Island Heights	453*	part
Island Heights (Plant No. 2)	Borough	Ocean	Island Heights	453*	part
Keansburg	Borough	Monmouth	Keansburg	2,190*	2,190*
Kearny	Town	Hudson	Kearny	40,716	40,716
Keyport	Borough	Monmouth	Keyport	4,940*	4,940*
Lakehurst	Lakehurst Sewer Co.	Ocean	Lakehurst	947*	part

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MUNICIPAL SEWAGE TREATMENT PLANTS IN NEW JERSEY—Continued

LOCATION	Date of Approval of Plans for Original Plant	Plant Placed in Operation	Reconstruction of Plant	UNITS OF TREATMENT PLANT	SEWAGE FLOW IN GALLONS PER DAY	EFFLUENT DISCHARGED INTO	PLANT FOR THE PREVENTION OF
Fairview	6-11-12	1915	1916	Imhoff tanks, dosing tanks, contact beds and glass-covered sludge drying beds	1,300,000	Bellman's Creek, Hackensack River	Pollutions of bathing or recreational waters and nuisances
Far Hills	7-2-29	1932	....	Septic tank, chlorinator and chlorine contact tank	30,000	Mine Brook, North Branch of Raritan River	Pollution of potable waters
Flemington	....	1898	....	Sedimentation tank and intermittent sand filters	.....	South Branch Raritan River	Pollution of potable waters
Franklin	10-2-23	1924	....	Septic tanks and chlorination	62,000	Tributary to Wallkill River	Pollutions of bathing or recreational waters and nuisances
Freehold	....	1892	1930	Sedimentation tanks (with mechanical sludge removal), sprinkling filters, chlorinator, final sedimentation tank (and chlorine contact combined), sludge digestion tank and sludge drying beds	600,000	Tributary to Manasquan River	Pollutions of bathing or recreational waters and nuisances
Glassboro	4-7-25	1926	....	Imhoff tanks, sprinkling filters, chlorinator, final sedimentation tank (and chlorine contact combined) and sludge drying beds	400,000	Chestnut Branch Mantua Creek, Delaware River	Pollutions of bathing or recreational waters and nuisances
Gloucester Township	5-7-29	1930	....	Imhoff tanks, chlorinator, dosing tank, sprinkling filters, final sedimentation tank and sludge drying beds	200,000	Big Timber Creek, tributary to Delaware River	Pollutions of bathing or recreational waters and nuisances
Hackensack (Northern Plant) (Southern Plant)	6-20-22 Amended 6-5-23	....	....	Flotation basins, Imhoff tanks and sludge drying beds	.....	Hackensack River	Pollutions of bathing or recreational waters and nuisances
Haddonfield Borough (Grove St. Plant)	2-1-01	1903	1921 1929	Chlorinator (pre) Imhoff tank, sprinkling filter, final sedimentation tank, and glass-covered sludge drying beds	1,000,000	Cooper River, Delaware River	Pollutions of bathing or recreational waters and nuisances
Haddonfield Borough (Cuthbert Rd. Plant)	5-3-19	1921	....	Chlorinator (pre) Imhoff tanks, sprinkling filter, final sedimentation tanks and glass-covered sludge drying beds	372,000	Newton Creek, Delaware River	Pollutions of bathing or recreational waters and nuisances
Haddon Heights	6-7-10	1911	1922 1929	Modified Imhoff tanks, sprinkling filter (glass-covered), chlorinator, final sedimentation tank (and chlorine contact combined), sludge digestion tank and glass-covered sludge drying beds	425,000	Kings Run, Newton Creek	Pollutions of bathing or recreational waters and nuisances

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Haddon Township	6-6-22	1925	....	Sedimentation tank, sprinkling filters, final sedimentation tanks, sludge digestion tank and sludge drying beds	46,100	Newton Lake, Newton Creek, Delaware River	Pollutions of bathing or recreational waters and nuisances
Haddon Township	7-7-22	1923	....	Imhoff tank and sludge drying beds	69,000	Newton Creek	Pollutions of bathing or recreational waters and nuisances
Haddon Township	5-3-19	1921	....	Imhoff tank, sprinkling filter, final sedimentation tanks and sludge drying beds	170,000	Tributary to Cooper River, Delaware River	Pollutions of bathing or recreational waters and nuisances
Haddon Township	6-3-24	1925	....	Sedimentation tanks and sludge drying beds	215,000	Cooper River, Delaware River	Pollutions of bathing or recreational waters and nuisances
Hammonton	4-8-13 Amended 7-1-13	1914	....	Imhoff tank, sprinkling filter, final sedimentation tank and sludge drying beds	300,000	Hammonton Creek, Mullica River	Pollution of shellfish area
Hasbrouck Heights	6-3-24	1926	....	Sedimentation tanks, chlorinator and chlorine contact tank	*404,500 (1923)	Riser Ditch, Hackensack River	Pollutions of bathing or recreational waters and nuisances
Helmetta	2-25-13	1914	....	Sedimentation tanks, primary contact beds and sludge drying beds	25,000	South River	Pollutions of bathing or recreational waters and nuisances
Highlands	6-5-28	1928	....	Sedimentation tanks, chlorinator, chlorine contact tank and glass-covered sludge drying beds	1,200,000	Atlantic Ocean	Pollution of shellfish area
Hightstown	8-8-11	1913	....	Sedimentation tank, intermittent sand filters and sludge drying beds	.....	Rocky Brook, Millstone River	Pollutions of bathing or recreational waters and nuisances
Hohokus Township	12-7-15	1916	....	Sedimentation tank and chlorinator	.....	Ramapo River	Pollutions of bathing or recreational waters and nuisances
Island Heights (Plant No. 1)	....	1899	....	Basket screen, sand filters, chlorinator and chlorine contact tank	.....	Tributary to Toms River	Pollutions of bathing or recreational waters and nuisances
Island Heights (Plant No. 2)	6-29-16	1918	....	Sedimentation tanks, intermittent sand filters and sludge drying beds	.....	Toms River	Pollutions of bathing or recreational waters and nuisances
Keansburg	10-30-23 Amended 7-1-24	1924	....	Fine mechanical screens and chlorinator	2,000,000	Raritan Bay	Pollution of shellfish area
Kearny	10-2-23 Amended 2-5-24	1924	....	Mechanical screens	2,000,000	Hackensack River	Pollutions of bathing or recreational waters and nuisances
Keyport	1-25-10	1912	....	Sedimentatiou tanks, hypochlorite of lime equipment and contact tank	*450,000 (6-10-30)	Raritan Bay	Pollution of shellfish area
Lakehurst	4-20-03	1904	....	Sedimentation tanks and intermittent sand filters	.....	West Branch Toms River	Pollutions of bathing or recreational waters and nuisances

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MUNICIPAL SEWAGE TREATMENT PLANTS IN NEW JERSEY—Continued

LOCATION	OWNERSHIP, MUNICIPALITY OR COMPANY	COUNTY IN WHICH PLANT IS LOCATED	MUNICIPALITIES OR LOCATIONS SERVED	Permanent Population, 1930 Census	Estimated Population Served
Lakewood Township	Lakewood Water Co.	Ocean	Lakewood Township	7,869*	part
Lavallette	Borough	Ocean	Lavallette	287*	287*
Leonia (South Side Plant)	Borough	Bergen	Southern Section of Leonia	5,350	part
Leonia (North Side Plant)	Borough	Bergen	Northern Section of Leonia	5,350	part
Little Falls	Township	Passaic	Little Falls Township	5,161	5,161
Little Ferry	Borough	Bergen	Little Ferry	4,151	4,151
Lodi Township	Township	Bergen	Lodi Township	1,294	1,294
Long Branch	Long Branch Sewer Co.	Monmouth	Long Branch	18,399*	part
Long Branch	City	Monmouth	Northern Section of Long Branch	18,399*	part
Long Branch	City	Atlantic	Branchport Section of Long Branch	18,399*	part

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Longport (14th St. Plant)	Borough	Atlantic	Southern Section of Longport	228*	part
Longport	Borough	Atlantic	Longport	228*	part
Lyndhurst	Township	Bergen	Lyndhurst	17,362	17,362
Manasquan	Borough	Monmouth	Manasquan	2,320*	2,320
Mantua	Job Scott Estates	Gloucester	Section of Mantua Township	2,677	part
Matawan	Borough	Monmouth	Matawan	2,264	2,264
Maywood	Borough	Bergen	Maywood	3,398	3,398
			North Hackensack Section	....	part
Medford Township	Medford Sewer Co.	Burlington	Medford	2,021	part
Merchantville	Merchantville-Pensauken Township Joint Sewer Commission	Camden	Merchantville	3,592	3,592
			Pensauken Township	16,915	part
			Section of Delaware Township	5,734	.....
Metuchen	Borough	Middlesex	Metuchen	5,748	5,748
Middlesex	Joint Meeting of Plainfield, North Plainfield and Dunellen	Middlesex	Plainfield (Union)	34,422	34,422
			North Plainfield (Somerset)	9,760	9,760
			Dunellen (Middlesex)	5,148	5,148
			Fanwood (Union County)	1,681	part
Millville	City	Cumberland	Millville	14,705	14,705
Moorestown	Township	Burlington	Moorestown	7,247	7,247

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MUNICIPAL SEWAGE TREATMENT PLANTS IN NEW JERSEY—Continued

LOCATION	Date of Approval of Plans for Original Plant	Plant Placed in Operation	Reconstruction of Plant	UNITS OF TREATMENT PLANT	SEWAGE FLOW IN GALLONS PER DAY	EFFLUENT DISCHARGED INTO	PLANT FOR THE PREVENTION OF
Lakewood Township	11-10-08	1909	1929	Sedimentation tanks (with mechanical sludge removal), sludge digestion tank, intermittent sand filters, chlorinator, chlorine contact tank and sludge drying beds	*1,000,000 winter 450,000 summer 2,500,000 (Design)	Metedeconk River	Pollutions of bathing or recreational waters and nuisances
Lavallette	9-18-28	1929	....	Sedimentation tank, chlorinator and chlorine contact tank	868,000	Atlantic Ocean	Pollutions of bathing or recreational waters and nuisances
Leonia (South Side Plant)	6-6-13	1914	1925	Grit chamber, sedimentation tanks (single story and Imhoff) and sludge drying beds.	.....	Overpeck Creek	Pollutions of bathing or recreational waters and nuisances
Leonia (North Side Plant)	7-31-23	1924	1929	Grit chamber, sedimentation tank, chlorinator and chlorine contact tank	200,000	Overpeck Creek	Pollutions of bathing or recreational waters and nuisances
Little Falls	....	1902	1932	Sedimentation tanks (with mechanical sludge removal), sprinkling filters, chlorinator, final sedimentation (and chlorine contact combined), intermittent sand filters, sludge digestion tank and glass-covered sludge beds	580,000	Peckman River	Pollutions of bathing or recreational waters and nuisances
Little Ferry	5-6-24	1926	....	Sedimentation tanks and sludge drying beds	381,000	Hackensack River	Pollutions of bathing or recreational waters and nuisances
Lodi Township	4-2-29	1930	....	Sedimentation tanks	100,000	Hackensack River	Pollutions of bathing or recreational waters and nuisances
Long Branch	....	Prior to 1902	1932	Sedimentation tanks (with mechanical sludge removal), chlorinator (pre and post) and sludge digestion tank	2,237,000	Atlantic Ocean	Pollutions of bathing or recreational waters and nuisances
Long Branch	9-13-21	1922	....	Sedimentation tank and chlorinator	.....	Manahassett Creek, tributary to Shrewsbury River	Pollution of shellfish area
Long Branch	....	1923	....	Sedimentation tanks and chlorinator	.....	Branchport Creek, tributary to Shrewsbury River	Pollution of shellfish area

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Longport (14th St. Plant)	5-14-12	1913	....	Imhoff tanks and hypochlorite of lime equipment	.....	Risley's Channel	Pollution of shellfish area
Longport	4-5-27	1928	....	Basket screens, sedimentation tanks, sludge digestion tanks, chlorinator, chlorine contact tank and sludge drying beds	500,000	Risley's Channel	Pollution of shellfish area
Lyndhurst	4-18-16	1919	1923	Imhoff tanks and sludge drying beds	300,000	Kingsland Creek, Hackensack River	Pollutions of bathing or recreational waters and nuisances
Manasquan	10-3-04	1905	1928 1931	Sedimentation tanks, chlorinator and chlorine contact tank	525,000	Atlantic Ocean	Pollutions of bathing or recreational waters and nuisances
Mantua	7-7-25	1926	....	Sedimentation tank, sprinkling filter, chlorinator (not in use), final sedimentation tank (and chlorine contact combined) and sludge drying bed	30,000	Mantua Creek	Pollutions of bathing or recreational waters and nuisances
Matawan	9-12-22	1924	....	Imhoff tank, chlorinator, chlorine contact tank and glass-covered sludge drying beds	*150,000 (1922)	Matawan Creek	Pollutions of bathing or recreational waters and nuisances
Maywood	2-23-15	1917	1931 1932	Imhoff tanks and glass-covered sludge drying beds	1,472,000	Hackensack River	Pollutions of bathing or recreational waters and nuisances
Medford Township	....	About 1905	1911	Sedimentation tanks and intermittent sand filters	.....	Haynes' Creek, tributary South Branch Rancocas Creek	Pollution of potable waters
Merchantville	4-30-06	1909	1924	Grit chamber, sedimentation tanks (with mechanical sludge removal), sludge digestion tank and sludge drying beds	806,000	Cooper River	Pollutions of bathing or recreational waters and nuisances
Metuchen	4-2-22 Amended 7-7-25 10-6-25	1926	....	Bar screens, Imhoff tanks, intermittent sand filters and sludge drying beds	140,000	Dismal Swamp Brook, Bound Brook, Raritan River	Pollutions of bathing or recreational waters and nuisances
Middlesex	11-12-12 Amended 9-29-14	1916	....	Grit chamber, fine screens, sedimentation tanks, chlorinator, sprinkling filters, final sedimentation tank, sludge digestion tank and sludge drying beds	3,500,000	Green Brook, tributary Raritan River	Pollutions of bathing or recreational waters and nuisances
Millville	9-8-08	1909	1924	Sedimentation tanks, chlorinator (pre and post) and chlorine contact tank	1,000,000	Maurice River	Pollution of shellfish area
Moorestown	6-10-01	1904	1929	Imhoff tanks, sprinkling filter, chlorinator, final sedimentation tanks (and chlorine contact combined), sludge digestion tank and glass-covered sludge drying beds	1,000,000	North Branch of the Pensauken Creek, Delaware River	Pollutions of bathing or recreational waters and nuisances

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MUNICIPAL SEWAGE TREATMENT PLANTS IN NEW JERSEY—Continued

LOCATION	OWNERSHIP, MUNICIPALITY OR COMPANY	COUNTY IN WHICH PLANT IS LOCATED	MUNICIPALITIES OR LOCATIONS SERVED	Permanent Population, 1930 Census	Estimated Population Served
Morristown	Town	Morris	Morristown	15,197	15,197
Mount Ephraim	Borough	Camden	Mount Ephraim	2,319	2,319
Neptune City	Borough	Monmouth	Neptune City	2,258*	2,258
Neptune Township	Township	Monmouth	Neptune Township	10,625*	part
Newton (Clinton St. Plant)	Town	Sussex	Newton	5,401	part
Newton (Sparta St. Plant)	Town	Sussex	Newton	5,401	part
North Arlington	Borough	Bergen	North Arlington	8,263	part
North Bergen (Northern District)	Township	Hudson	North Bergen	40,714	part
North Bergen (Central District)	Township	Hudson	North Bergen	40,714	part

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North Brunswick Township	Township	Middlesex	North Brunswick Township	3,622	part
North Wildwood	City	Cape May	North Wildwood	2,049*	2,049
Oaklyn	Borough	Camden	Oaklyn	3,483	3,483
Ocean City	Ocean City Sewer Service Company	Cape May	Ocean City	5,525*	part
Ocean Grove	Ocean Grove Camp Meeting Assoc.	Monmouth	Ocean Grove Section of Neptune Township	10,625	3,050*
Ocean Township	Borough of Interlaken, Township of Ocean	Monmouth	Borough of Interlaken Township of Ocean	545* 2,892*	545* 1,000*
Oradell	Borough	Bergen	Oradell	2,360	2,360
Palisades Park	Borough	Bergen	Palisades Park	7,065	7,065
Palmyra	Borough	Burlington	Palmyra	4,968	4,968
Paulsboro	Borough	Gloucester	Paulsboro	7,121	7,121
Pemberton	Borough	Burlington	Pemberton	783	part
Perth Amboy ***	City	Middlesex	Perth Amboy	43,516	43,516
Phillipsburg	Town	Warren	Phillipsurg	19,255	19,255

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MUNICIPAL SEWAGE TREATMENT PLANTS IN NEW JERSEY—Continued

LOCATION	Date of Approval of Plans for Original Plant	Plant Placed in Operation	Reconstruction of Plant	UNITS OF TREATMENT PLANT	SEWAGE FLOW IN GALLONS PER DAY	EFFLUENT DISCHARGED INTO	PLANT FOR THE PREVENTION OF
Morristown	4-1-07	1910	1931	Preliminary sedimentation tanks (with mechanical sludge removal), aeration tanks, final sedimentation tanks (with mechanical sludge removal), chlorinator, chlorine contact tanks, sludge digestion tanks and sludge drying beds	2,000,000	Whippany River	Pollutions of bathing or recreational waters and nuisances
Mount Ephraim	9-13-27 Revised 11-1-27	1929	....	Sedimentation tanks (with mechanical sludge removal), sprinkling filter, chlorinator, final sedimentation tank (and chlorine contact combined), sludge digestion tanks and glass-covered sludge drying beds	500,000	Little Timber Creek, Delaware River	Pollutions of bathing or recreational waters and nuisances
Neptune City	12-7-26	1927	....	Sedimentation tanks and chlorinator and chlorine contact tank	310,000	Atlantic Ocean	Pollutions of bathing or recreational waters and nuisances
Neptune Township	7-9-12	1913	1924 1929	Sedimentation tanks and chlorinator	1,164,000	Atlantic Ocean	Pollutions of bathing or recreational waters and nuisances
Newton (Clinton St. Plant)	6-5-05	1906	1931	Grit chamber, sedimentation tanks, sprinkling filters, final sedimentation tanks (with mechanical sludge removal), sludge digestion tanks and glass-covered sludge drying beds	500,000	Paulin's Kill	Pollutions of bathing or recreational waters and nuisances
Newton (Sparta St. Plant)	6-5-05	1906	....	Grit chamber, sedimentation tank, intermittent sand filter and sludge drying beds (one glass-covered)	300,000	Paulin's Kill	Pollutions of bathing or recreational waters and nuisances
North Arlington	7-31-17	1919	....	Imhoff tank and sludge drying bed	204,000	Kingsland Creek, Hackensack River	Pollutions of bathing or recreational waters and nuisances
North Bergen (Northern District)	2-19-24	1927	....	Sedimentation tanks and glass-covered sludge drying beds	1,000,000	Bellman's Creek, Hackensack River	Pollutions of bathing or recreational waters and nuisances
North Bergen (Central District)	9-14-26	1927	....	Sedimentation tanks and glass-covered sludge drying beds	810,000	Cromakill Creek, Hackensack River	Pollutions of bathing or recreational waters and nuisances

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North Brunswick Township	10-6-25	1927	....	Preliminary sedimentation tanks and Imhoff tank (in series), sprinkling filters, final sedimentation tank (Imhoff) and glass-covered sludge drying beds	250,000	Mile Run, Raritan River	Pollutions of bathing or recreational waters and nuisances
North Wildwood	9-13-27	1929	....	Sedimentation tanks, chlorinator, chlorine contact tank and glass-covered sludge drying beds	2,110,000	Hereford Inlet	Pollution of shellfish area
Oaklyn	6-12-15	1915	....	Imhoff tank, sprinkling filter, chlorinator, final sedimentation tank (and chlorine contact combined) and sludge drying beds	168,000	Peter's Creek, Newton Creek, Delaware River	Pollutions of bathing or recreational waters and nuisances
Ocean City	3-14-11 Amended 4-25-11	1912	1931	Sedimentation tanks (with mechanical sludge removal), chlorinator (pre and post), chlorine contact tank, sludge digestion tanks and glass-covered sludge drying beds	2,600,000	Great Egg Harbor Bay	Pollution of shellfish area
Ocean Grove	2-2-09	1910	1925 1930	Sedimentation tanks, chlorinator and chlorine contact tank	.....	Atlantic Ocean	Pollutions of bathing or recreational waters and nuisances
Ocean Township	9-24-06	1907	1926 1930	Sedimentation tanks	400,000	Atlantic Ocean	Pollutions of bathing or recreational waters and nuisances
Oradell	7-18-04	1905	1929	Sedimentation tanks (with mechanical sludge removal), sludge digestion tanks and glass-covered sludge drying beds	650,000	Hackensack River	Pollutions of bathing or recreational waters and nuisances
Palisades Park	1-13-14 Amended 5-11-15	1917	....	Grit chamber, Imhoff tanks and sludge drying beds	.....	Overpeck Creek, Hackensack River	Pollutions of bathing or recreational waters and nuisances
Palmyra	5-13-19 Amended 2-7-22	1922	....	Sedimentation tank, sludge digestion tanks and sludge drying beds	423,000	Delaware River	Pollutions of bathing or recreational waters and nuisances
Paulsboro	2-19-18	1922	....	Imhoff tanks and sludge drying beds	480,000	Mantua Creek	Pollutions of bathing or recreational waters and nuisances
Pemberton	....	1895	....	Broad irrigation	.....	.....	.....
Perth Amboy	12-5-33	1934	....	Coarse bar screens, chemical equipment, floculating channel, sedimentation tanks, chlorine contact tanks, chlorination, sludge conditioner, sludge filter and sludge carrying equipment	10,000,000	Raritan River	Pollution of bathing or recreational waters and nuisances
Phillipsburg	4-12-19	1920	....	Fine mechanical screens, sedimentation tanks (chemical precipitation) and sludge drying beds	.....	Delaware River	Pollution of potable waters

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MUNICIPAL SEWAGE TREATMENT PLANTS IN NEW JERSEY—Continued

LOCATION	OWNERSHIP, MUNICIPALITY OR COMPANY	COUNTY IN WHICH PLANT IS LOCATED	MUNICIPALITIES OR LOCATIONS SERVED	Permanent Population, 1930 Census	Estimated Population Served
Pitman, Plant No. 1	Borough	Gloucester	West Side of Pitman	5,411	part
Pitman, Plant No. 2	Borough	Gloucester	East Side of Pitman	5,411	part
Pleasantville	City	Atlantic	Pleasantville	11,580	11,580
Point Pleasant Beach	Borough	Ocean	Point Pleasant Beach	1,844*	1,844
Princeton	Borough	Mercer	Princeton	6,992	6,992
			Princeton Township	1,895	part
			Princeton University	....	911
Raritan Township	Township	Middlesex	Clara Barton Section of Raritan Township	10,025	part
Red Bank	Borough	Monmouth	Red Bank	11,622*	11,622
Ridgefield	Borough	Bergen	Ridgefield	4,671	4,671
Ridgefield Park (East Side Plant)	Village	Bergen	Ridgefield Park	10,764	part
Ridgefield Park (West Side Plant)	Village	Bergen	Ridgefield Park	10,764	part
Riverside	Borough	Bergen	Riverside	2,210	2,210

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Riverside	Township	Burlington	Riverside	7,061	part
Roebling	John A. Roebling Sons Co.	Burlington	Roebling Section of Florence Township	7,824	3,030
Rumson	Rumson Land and Development Company	Monmouth	Rumson	2,073*	part
Rutherford	Borough	Bergen	East Side of Rutherford	14,915	14,915
Sea Girt	Borough	Monmouth	Sea Girt	386*	386
Sea Isle City	City	Cape May	Sea Isle City	850*	850
Seaside Heights	Borough	Ocean	Seaside Heights	399*	399
Seaside Park	Borough	Ocean	Seaside Park	571*	571
Secaucus (Front St. Plant)	Town	Hudson	Secaucus	8,950	part
Secaucus (Golden Ave. Plant)	Town	Hudson	Secaucus	8,950	part
South Bound Brook	Borough	Somerset	South Bound Brook	1,763	1,763
Spring Lake (Pennsylvania Ave.)	Borough	Monmouth	Spring Lake	1,145*	part
Spring Lake (Pitney Ave.)	Borough	Monmouth	Spring Lake	1,745*	part
Stone Harbor	Borough	Cape May	Stone Harbor	363*	part
Teaneck Township (Plant No. 1, Pomander Walk)	Township	Bergen	Western Section of Teaneck Township	16,513	part
Teaneck Township (Plant No. 2, Glenwood Park)	Township	Bergen	Eastern Section of Teaneck Township	16,513	part

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MUNICIPAL SEWAGE TREATMENT PLANTS IN NEW JERSEY—Continued

LOCATION	Date of Approval of Plans for Original Plant	Plant Placed in Operation	Reconstruction of Plant	UNITS OF TREATMENT PLANT	SEWAGE FLOW IN GALLONS PER DAY	EFFLUENT DISCHARGED INTO	PLANT FOR THE PREVENTION OF
Pitman (Plant No. 1)	12-21-15	1917	1928	Imhoff tank, sprinkling filter, final sedimentation tanks and sludge drying beds	300,000	Chestnut Branch, Mantua Creek	Pollutions of bathing or recreational waters and nuisances
Pitman (Plant No. 2)	12-21-15	1918	....	Imhoff tank, sprinkling filter, final sedimentation tanks and sludge drying beds	140,000	Mantua Creek	Pollutions of bathing or recreational waters and nuisances
Pleasantville	5-15-17	1921	....	Mechanical screens	612,000	Beach Thoroughfare	Pollution of shellfish area
Point Pleasant Beach	8-25-08	1908	1928	Sedimentation tank, chlorinator and chlorine contact tank	1,500,000	Atlantic Ocean	Pollutions of bathing or recreational waters and nuisances
Princeton	....	1895	1932	Sedimentation tanks, sprinkling filters, chlorinator (pre and post) final sedimentation (and chlorine contact combined), sludge digestion tanks and glass-covered sludge drying beds	2,000,000	Millstone River	Pollution of potable waters
Raritan Township	4-2-29	1929	....	Chlorinator (pre) screen and grit chamber, Imhoff tank and sludge drying beds	750,000	Tributary of Raritan River	Pollution of potable waters
Red Bank	1-27-02	1902	1929	Mechanical bar screens, grit chamber, sedimentation tanks (with mechanical sludge removal), chlorinator, chlorine contact tank, sludge digestion tank and glass-covered sludge drying beds	1,600,000	Shrewsbury River	Pollution of shellfish area
Ridgefield	12-6-21	1922	1931	Grit chambers, Imhoff tank and glass-covered sludge drying beds	*2,343,000	Overpeck Creek, Hackensack River	Pollutions of bathing or recreational waters and nuisances
Ridgefield Park (East Side Plant)	10-13-14 Amended 3-7-16	1922	....	Grit chamber, Imhoff tanks and sludge drying beds	830,000	Overpeck Creek, Hackensack River	Pollutions of bathing or recreational waters and nuisances
Ridgefield Park (West Side Plant)	10-13-14 Amended 10-7-16	1922	....	Grit chambers, Imhoff tanks and sludge drying beds	.....	Hackensack River	Pollutions of bathing or recreational waters and nuisances
Riverside	4-9-15	1915	1929	Grit chamber, Imhoff tanks and glass-covered sludge drying beds	365,000	Hackensack River	Pollutions of bathing or recreational waters and nuisances

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Riverside	7-11-07	1908	....	Primary sedimentation tanks, contact bed, final sedimentation tank and sludge drying bed	*300,000 (Actual)	Delaware River	Pollutions of bathing or recreational waters and nuisances
Roebling	1-12-09 Amended 9-21-09	1910	1921	Imhoff tanks, sprinkling filters and sludge drying beds	*300,000 (Actual)	Delaware River	Pollution of potable waters
Rumson	7-11-11	1912	....	Sedimentation tank and hypochlorite disinfection		Shrewsbury River	Pollution of shellfish area
Rutherford	9-9-24 Amended 8-11-25	1925	....	Sedimentation tanks and sludge drying beds	.....	Tributary to Berry's Creek, Hackensack River	Pollutions of bathing or recreational waters and nuisances
Sea Girt	4-19-10	1910	....	Sedimentation tanks	.....	Atlantic Ocean	Pollutions of bathing or recreational waters and nuisances
Sea Isle City	11-14-11	1915	....	Sedimentation tanks, chlorinator and chlorine contact tank	.....	Ludlam's Thoroughfare	Pollution of shellfish area
Seaside Heights	5-10-28	1928	....	Sedimentation tanks and chlorinator	375,000	Atlantic Ocean	Pollutions of bathing or recreational waters and nuisances
Seaside Park	2-23-15	1916	....	Imhoff tank, chlorinator, chlorine contact tank and sludge drying bed	.....	Barnegat Bay	Pollution of shellfish area
Secaucus (Front St. Plant)	4-29-12	1913	....	Grit chamber and sedimentation tank	.....	Hackensack River	Pollutions of bathing or recreational waters and nuisances
Secaucus (Golden Ave. Plant)	6-3-13	1920	....	Grit chamber and sedimentation tank	.....	Mill Creek, tributary Hackensack River	Pollutions of bathing or recreational waters and nuisances
South Bound Brook	8-6-12 Amended 10-5-15	1916	....	Sedimentation tanks and sludge drying bed	.....	Raritan River	Pollution of potable waters
Spring Lake (Pennsylvania Ave.)	3-9-09	1909	1931	Sedimentation tanks (with mechanical sludge removal), grit chamber, chlorinator (pre and post), sludge digestion tanks and chlorine contact tank	1,040,000	Atlantic Ocean	Pollutions of bathing or recreational waters and nuisances
Spring Lake (Pitney Ave.)	12-8-08	1909	....	Sedimentation tank and chlorinator	.....	Atlantic Ocean	Pollutions of bathing or recreational waters and nuisances
Stone Harbor	12-8-08 Amended 2-2-09	1910	1930	Sedimentation tanks, chlorinator and glass-covered sludge drying beds	1,200,000	Great Channel	Pollution of shellfish area
Teaneck Township (Plant No. 1, Pomander Walk)	5-18-20	1921	1926	Grit chamber, Imhoff tank and glass-covered sludge drying beds	700,000	Hackensack River	Pollutions of bathing or recreational waters and nuisances
Teaneck Township (Plant No. 2, Glenwood Park)	5-18-20	1922	1926	Grit chamber, Imhoff tank and glass-covered sludge drying beds	217,000	Teaneck Creek, Hackensack River	Pollutions of bathing or recreational waters and nuisances

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MUNICIPAL SEWAGE TREATMENT PLANTS IN NEW JERSEY—Continued

LOCATION	OWNERSHIP, MUNICIPALITY OR COMPANY	COUNTY IN WHICH PLANT IS LOCATED	MUNICIPALITIES OR LOCATIONS SERVED	Permanent Population, 1930 Census	Estimated Population Served
Teaneck Township (Plant No. 3, West Englewood Section)	Township	Bergen	West Englewood Section	16,513	part
Teaneck Township (Plant No. 4, Vandalinda Tract)	Township	Bergen	Vandalinda Section	16,513	part
Tenafly	Borough	Bergen	Tenafly	5,669	5,669
Toms River	Dover Township	Ocean	Toms River	1,800*	part
Totowa	Borough	Passaic	Totowa	4,600	4,600
Trenton	City	Mercer	Trenton	123,356	123,356
			Hamilton Township	27,121	part
			Lawrence Township	6,293	part
			Ewing Township	6,942	part
Ventnor	City	Atlantic	Ventnor	6,674*	6,674
			Margate City	2,913	2,913
Verona	Borough	Essex	Verona	7,161	7,161
Vineland	Borough	Cumberland	Vineland	7,556	part

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Wanaque	E. I. du Pont de Nemours & Company	Passaic	Haskell Section of Borough of Wanaque	3,119	845
Washington	Borough	Warren	Washington	4,410	4,410
Wayne Township	Packanack Lake, Inc.	Passaic	Packanack Lake Section of Wayne Township	4,469	862
Wayne Township	Broadway Construction Company	Passaic	Wayne Township	4,469	part
Wenonah (Mantua Ave. Plant)	Greene Estate	Gloucester	Mantua Avenue Section of Wenonah	1,245	part
Wenonah (Princeton Ave. Plant)	Greene Estate	Gloucester	Princeton Ave. Section of Wenonah	1,245	part
West Milford Township	City of Newark	Passaic	Macopin Section of West Milford Township	1,901	part
West Paterson	Borough	Passaic	West Paterson	3,101	3,101
West Wildwood	Borough	Cape May	West Wildwood	178*	178
Westwood	Borough	Bergen	Westwood	4,861	4,861
Wildwood	City	Cape May	Wildwood	5,330*	5,330
Wildwood Crest	Borough	Cape May	Wildwood Crest	738*	738
Woodbridge Township	Township	Middlesex	Home Garden Section	25,266	part
Woodbridge Township	Township	Middlesex	Coddington Avenue Section	25,266	part

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MUNICIPAL SEWAGE TREATMENT PLANTS IN NEW JERSEY—Continued

LOCATION	Date of Approval of Plans for Original Plant	Plant Placed in Operation	Reconstruction of Plant	UNITS OF TREATMENT PLANT	SEWAGE FLOW IN GALLONS PER DAY	EFFLUENT DISCHARGED INTO	PLANT FOR THE PREVENTION OF
Teaneck Township (Plant No. 3, West Englewood Section)	5-18-20	1922	1926	Grit chamber, Imhoff tanks and glass-covered sludge drying beds	700,000	Hackensack River	Pollutions of bathing or recreational waters and nuisances
Teaneck Township (Plant No. 4, Vandalinda Tract)	10-7-24 Amended 1-6-25	1925	1928	Grit chambers, Imhoff tanks and glass-covered sludge drying beds	2,200,000	Overpeck Creek, Hackensack River	Pollutions of bathing or recreational waters and nuisances
Tenafly	9-14-26	1927	1932 1933	Mechanical fine screens, aeration tanks, final sedimentation tanks, intermittent sand filters, chlorinator, chlorine contact tank, reaeration tank, sludge conditioning tank and glass-covered sludge drying beds	750,000	Tenakill Creek, Hackensack River	Pollutions of bathing or recreational waters and nuisances
Toms River	6-20-16	1922	....	Imhoff tanks and chlorinator	*194,000	Toms River	Pollutions of bathing or recreational waters and nuisances
Totowa	7-5-27	1929	....	Grit chamber, Imhoff tanks, glass-covered sprinkling filters, chlorinator (pre and post), final sedimentation tanks (and chlorine contact combined) and glass-covered sludge drying beds	400,000	Passaic River	Pollutions of bathing or recreational waters and nuisances
Trenton	10-7-24	1926	....	Mechanical bar screens, grit chamber, Imhoff tanks and sludge drying beds	25,000,000	Delaware River	Pollution of potable waters
Ventnor	7-5-10 Amended 2-24-14 9-3-29	1911	1933	Sedimentation tanks, separate sludge digestion tanks, chlorinator, chlorine contact tank and sludge drying beds	3,500,000	Beach Thoroughfare	Pollution of shellfish area
Verona	7-21-14	1917	1924	Sedimentation tanks, contact beds, intermittent sand filters and sludge drying beds	1,200,000	Peckman River, Tributary to Passaic River	Pollutions of bathing or recreational waters and nuisances
Vineland	7-12-00	1901	1922	Sedimentation and broad irrigation	.....	.....	.....

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Wanaque	4-18-16	1916	1918	Sedimentation tanks, intermittent sand filters and sludge drying beds	.....	Tributary to Pompton River	Pollutions of bathing or recreational waters and nuisances
Washington	3-9-09	1911	1929	Preliminary sedimentation tanks (single story and Imhoff), sprinkling filter, intermittent sand filters (not in use), chlorinators and glass-covered sludge drying beds	395,000	Shabbecong Creek, Pohatcong Creek	Pollutions of bathing or recreational waters and nuisances
Wayne Township	4-2-29	1929	....	Imhoff tanks, sprinkling filters, chlorinator, final sedimentation tank (and chlorine contact combined) and sludge drying beds	300,000	Big Ditch, Tributary of Pompton River	Pollutions of bathing or recreational waters and nuisances
Wayne Township	....	....	....	Sedimentation tank, sprinkling filter and chlorinator	.....	Tributary to Pompton River	Pollutions of bathing or recreational waters and nuisances
Wenonah (Mantua Ave. Plant)	....	Prior to 1904	1913	Sedimentation tanks and intermittent sand filters	.....	Mantua Creek	Pollutions of bathing or recreational waters and nuisances
Wenonah (Princeton Ave. Plant)	....	Prior to 1904	1913	Sedimentation tanks and intermittent sand filters	.....	Mantua Creek	Pollutions of bathing or recreational waters and nuisances
West Milford Township	7-29-13	1914	....	Imhoff tanks and intermittent sand filters	.....	Pequannock River	Pollution of potable waters
West Paterson	6-4-29	1929	....	Grit chamber, Imhoff tanks, glass-covered sprinkling filters, chlorinator (pre and post), final sedimentation tanks (and chlorine contact combined) and glass-covered sludge drying beds	400,000	Passaic River	Pollutions of bathing or recreational waters and nuisances
West Wildwood	12-6-21	1922	....	Sedimentation tanks, chlorinator and chlorine contact tank	45,000	Post Creek, Tributary to Grassy Sound	Pollution of shellfish area
Westwood	1-7-26	1926	....	Grit chamber, sedimentation tanks, intermittent sand filters and sludge drying beds	1,329,000	Hackensack River	Pollutions of bathing or recreational waters and nuisances
Wildwood	12-21-15	1916	....	Modified Imhoff tanks, chlorinator, chlorine contact tank, sludge digestion tank and glass-covered sludge drying beds	5,000,000	Sunset Lake, (Post Creek) Tributary to Grassy Sound	Pollution of shellfish area
Wildwood Crest	11-16-11 Amended 2-6-12	1913	1928	Sedimentation tanks, chlorinator, chlorine contact tank and glass-covered sludge drying beds	560,000	Sunset Lake	Pollution of shellfish area
Woodbridge Township	10-6-25	1926	....	Sedimentation tank	.....	Mud Creek, Herd Creek, Woodbridge Creek	Pollutions of bathing or recreational waters and nuisances
Woodbridge Township	10-24-11	1912	....	Sedimentation tank	.....	Woodbridge Creek	Pollutions of bathing or recreational waters and nuisances

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MUNICIPAL SEWAGE TREATMENT PLANTS IN NEW JERSEY—Continued

LOCATION	OWNERSHIP, MUNICIPALITY OR COMPANY	COUNTY IN WHICH PLANT IS LOCATED	MUNICIPALITIES OR LOCATIONS SERVED	Permanent Population, 1930 Census	Estimated Population Served
Woodbridge Township	Township	Middlesex	Avenal Section	25,266	part
Woodbridge Township	Township	Middlesex	Edgars Section	25,266	part
Woodbridge Township	Township	Middlesex	Fords Section	25,266	part
Woodbridge Township	Township	Middlesex	Railway Avenue Section	25,266	part
Woodbridge Township	Township	Middlesex	Port Reading Section	25,266	part
Woodbridge Township	Township	Middlesex	Pleasant Avenue Section	25,266	part
Woodbridge Township	Township	Middlesex	Wedgewood Avenue Section	25,266	part
Woodbridge Township	Township	Middlesex	Crampton Avenue Section	25,266	part
Woodbridge Township	Township	Middlesex	Woodbridge Avenue Section	25,266	part
Woodbridge Township	Township	Middlesex	Frazer Section	25,266	part
Woodbridge Township	Township	Middlesex	Woodbridge Boulevard and Central Avenue Section	25,266	part
Woodbridge Township	Township	Middlesex	Hope Lawn Section	25,266	part

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Woodbridge Township	Township	Middlesex	Keasby Heights Section	25,266	part
Woodbury (Plant No. 1)	City	Gloucester	Woodbury	8,172	part
Woodbury (Plant No. 2)	City	Gloucester	Woodbury	8,172	part
Woodbury Heights	Borough	Gloucester	Woodbury Heights	997	part
Woodlynne	Borough	Camden	Woodlynne	2,878	2,878
Woodridge	Borough	Bergen	Woodridge	5,159	5,159
Woodstown	Woodstown Sewer Company	Salem	Woodstown	1,832	part
Wrightstown	Hanover Water Company	Burlington	Wrightstown	176	part

* Seasonal increase from 2 to 20 times in population.
** Sewage flow arriving at plant for treatment; other figures represent the design flow.
*** Under construction.

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MUNICIPAL SEWAGE TREATMENT PLANTS IN NEW JERSEY—Continued

LOCATION	Date of Approval of Plans for Original Plant	Plant Placed in Operation	Reconstruction of Plant	UNITS OF TREATMENT PLANT	SEWAGE FLOW IN GALLONS PER DAY	EFFLUENT DISCHARGED INTO	PLANT FOR THE PREVENTION OF
Woodbridge Township	10-7-19	1920	....	Sedimentation tank	.....	Woodbridge Creek	Pollutions of bathing or recreational waters and nuisances
Woodbridge Township	10-17-11	1912	....	Sedimentation tank	.....	Stone Mill Brook, Woodbridge Creek	Pollutions of bathing or recreational waters and nuisances
Woodbridge Township	7-31-17	1921	....	Sedimentation tank	.....	Slingtail Creek, Crow's Mill Creek, Raritan River	Pollutions of bathing or recreational waters and nuisances
Woodbridge Township	3-2-26	1926	....	Sedimentation tank	.....	Stone Mill Brook, Woodbridge Creek	Pollutions of bathing or recreational waters and nuisances
Woodbridge Township	11-18-13	1914	....	Sedimentation tank	.....	Smith Creek, Arthur Kill, Staten Island Sound	Pollutions of bathing or recreational waters and nuisances
Woodbridge Township	....	....	....	Sedimentation tank	.....	Old Creek, Woodbridge Creek	Pollutions of bathing or recreational waters and nuisances
Woodbridge Township	7-31-17	1918	....	Sedimentation tank	.....	Stone Mill Brook, Woodbridge Creek	Pollutions of bathing or recreational waters and nuisances
Woodbridge Township	3-2-26	1926	....	Sedimentation tank	.....	Old Creek, Woodbridge Creek	Pollutions of bathing or recreational waters and nuisances
Woodbridge Township	11-18-13	1914	....	Sedimentation tank	.....	Cove Creek, Woodbridge Creek	Pollutions of bathing or recreational waters and nuisances
Woodbridge Township	....	....	....	Sedimentation tank	.....	Tributary to Raritan Lake, Raritan River	Pollutions of bathing or recreational waters and nuisances
Woodbridge Township	5-4-26	1926	....	Sedimentation tank	.....	Woodbridge Creek	Pollutions of bathing or recreational waters and nuisances
Woodbridge Township	10-2-23	1924	....	Sedimentation tank	.....	Tributary to Raritan Lake, Raritan River	Pollutions of bathing or recreational waters and nuisances

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Woodbridge Township	7-3-28	1928	....	Sedimentation tank	.....	Raritan Lake, Raritan River	Pollutions of bathing or recreational waters and nuisances
Woodbury (Plant No. 1)	6-10-01	1903	....	Tidal detention basin	.....	Woodbury Creek	Pollutions of bathing or recreational waters and nuisances
Woodbury (Plant No. 2)	9-13-21	1922	....	Imhoff tanks	350,000	Woodbury Creek	Pollutions of bathing or recreational waters and nuisances
Woodbury Heights	6-21-21	1921	....	Imhoff tanks, sprinkling filters and sludge drying beds	90,000	Woodbury Creek	Pollutions of bathing or recreational waters and nuisances
Woodlynne	3-6-23	1924	....	Imhoff tanks and glass-covered sludge drying beds	120,000	Newton Creek	Pollutions of bathing or recreational waters and nuisances
Woodridge	9-9-24	1925	....	Chlorinator (pre), screens (bar), Imhoff tank and sludge drying beds	250,000	Berry's Creek, Hackensack River	Pollutions of bathing or recreational waters and nuisances
Woodstown	12-18-05	1906	....	Sedimentation tank and intermittent sand filter	48,000	Salem Creek	Pollutions of bathing or recreational waters and nuisances
Wrightstown	4-2-18	1918	....	Sedimentation tanks, intermittent sand filters and sludge drying bed	.....	Crosswick's Creek, Delaware River	Pollutions of bathing or recreational waters and nuisances

* Seasonal increase from 2 to 20 times in population.
** Sewage flow arriving at plant for treatment; other figures represent the design flow.
*** Under construction.

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Report of the Bureau of Food and Drugs

For the Year Ending June 30, 1934

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. The Food and Drug Act of this State passed in 1907 is in harmony with the provisions of the Federal Food and Drug Act, and this law has been amended by the passage of several acts, such as the Sanitary Act, the Non-Alcoholic Beverage Act, the Act prohibiting the use of Sulphites in Meats, the Act governing the manufacture and distribution of Ice Cream, and the Act governing the production, handling and distribution of Milk, Cream and Milk Products. In addition to these acts, the Legislature has passed special laws governing the distribution and sale of Oleomargarine, the "Filled" Milk Act, the Methyl Alcohol Act, the Cold Storage Act, the Slaughter-house Act, and the Egg-Breaking Act.

In the spring of 1934 this Bureau was charged with the enforcement of the laws of this State and of the regulations adopted by this Department governing the sale and distribution of shellfish.

Chapter 131 of the Laws of 1932, the act which fixed detailed requirements governing the production, handling and distribution of milk and cream, was amended by the Legislature of 1933. The most important change brought about by this amendment was to require that a permit be secured from the Department of Health of this State for each milk plant, at which milk was collected or assembled from a dairy or dairies, and from which milk plant it was intended to distribute milk, cream or milk products in this State. This change in the law was made necessary because

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of the fact that Chapter 131 of the Laws of 1932 had been considered to be unconstitutional, in that permits were required to be obtained from this Department to import milk or cream only. Certain minor corrections in the milk law of 1932 were also passed by the Legislature in this amendment, although the fundamental requirements governing the production, handling, and distribution of milk were not materially changed. The act fixed an annual fee of $25 for each permit granted under this act, and also provided that the Department of Health of this State be authorized to utilize the money collected for these permits in the enforcement of this law.

During the months of July, August and September of 1933 the agents of this Department made 541 inspections of dairy farms located in the States of Pennsylvania, New York, Delaware and Maryland. In certain cases where the requirements governing the production of milk were being violated, hearings before the Milk Committee of this Department were held and permits were revoked by the Department. During the course of the winter, most of the work of inspection was confined to the milk plants and dairy farms of this State. Where several requirements governing the production of milk were being violated, letters of advice and warning were sent to the dairymen. In these cases reinspections were made after a reasonable time had elapsed, and where little or no progress in bringing the conditions on the farms, or the methods used in the production of milk, up to the requirements, drastic action was taken by notifying the persons or firms operating the milk plants to which the milk was delivered to discontinue the receipt of milk, until the milk was produced in conformity with the requirements of the law. In those cases where violations of the law were found upon reinspection of the premises from which milk was distributed directly to the consumers, notices were sent directly to the dairymen notifying them to discontinue the sale of milk until such time as the milk was produced in conformity with the requirements of law, and copies of such notices were sent to the local boards of health of those municipalities in which milk was distributed.

During the months of April, May and June of 1934 our agents were again sent into other states to make inspections of milk

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plants and dairy farms supplying milk to this State. It has been necessary to take drastic action in the case of several of these milk supplies located in other States by the revocation of permits or by notification to the operators of the milk plants to discontinue the receipt of milk from certain dairymen.

Throughout this year the Bureau has co-operated with the Milk Control Board of this State by furnishing that board definite information regarding action taken by this Department. At the meeting held on May 1st, the following resolution was adopted by the State Board of Health:

"WHEREAS, The milk control law gives the Milk Control Board the right to license supplies of milk being sold in New Jersey and it is uneconomic for the State Department of Health to inspect supplies that will not be approved by the Milk Control Board; therefore,

Be It Resolved, That the State Department of Health grant no more milk permits without first securing the approval of the Milk Control Board."

The most outstanding conclusion to be drawn from this work is the fact that operators of milk plants and dairymen have co-operated most heartily in making those changes in their milk plants or on their dairy farms necessary to conform to the requirements of this law. With very few exceptions, a marked improvement has been noticed in the conditions under which milk is produced over those conditions which existed a few years ago.

During the year 571 permits at $25 each were issued for the operation of 571 milk plants, making a total of $14,275, which amount was submitted to the State Treasurer.

The following table shows the number of inspections which have been made by agents of this Department of milk plants, together with the number of farms supplying milk to them, in each of the States from which milk, cream or milk products are distributed in New Jersey.

State	*No. of Milk Plants*	*No. of Dairies*
Pennsylvania	34	1658
New York	33	1114
Maryland	9	331
Delaware	6	157
	82	3260

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This act also provided that inspections of dairy farms and milk plants were to be made by representatives of the local boards of health of those municipalities of this State in which the milk was distributed. Arrangements were made with those boards of health of this State maintaining dairy farm inspection for the submission to this Department of copies of the reports of inspections of dairies and milk plants made by their agents. This co-operative arrangement has prevented much of the duplication which would be likely to exist and has also furnished a vast amount of information to this Department. By means of this co-operative work, it has been possible for this Department to secure accurate, detailed information regarding every supply of milk or cream which is distributed in this State.

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

State	*No. of Milk Plants*	*No. of Dairies*
New York	75	5029
Pennsylvania	26	2549
Wisconsin	6	1519
Indiana	3	639
	110	9736

This Bureau gratefully acknowledges the receipt of these detailed reports of inspections of dairies and milk plants and desires to point out that the success in the enforcement of this work is due to the combined efforts of these agencies.

Physical Examination of Dairy Cows—Under the provisions of Chapter 243 of the Laws of 1933, physical examinations of dairy animals used in the production of milk intended for sale in this State are required to be made by veterinarians licensed in the states in which the herds are located, and reports of these examinations are to be filed at the milk plants to which the milk is delivered, or on the dairy farms in case the milk is distributed directly to the consumers. These reports are being checked by the agents of this Department as inspections are made of the milk plants and requests are made of the operators of the milk plants to ascertain

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the final disposition of those animals which are found to be unfit for the production of milk as a result of this physical examination.

Physical Examination of Employees of Milk Plants—As pointed out in the report of this Bureau for the fiscal year ending June 30, 1933, this Department had not been in a position to make laboratory examinations of bodily discharges from milk plant employees, because of the inadequate facilities of the laboratory of this Department. With the completion of our new laboratories, the enforcement of this section of the law was undertaken, and the Milk Committee of this Department decided to require the submission of specimens of feces and urine from those persons who were engaged in the handling of milk in milk plants, to the laboratory of this Department or to a private laboratory approved to make such examinations. The co-operation of the persons in charge of milk plants was solicited to make this physical examination of employees a thorough one. The employees of a large number of milk plants of this State have submitted to this examination and it is hoped within the next few months to complete this work in all milk plants in the State of New Jersey.

Collection of Milk, Cream and Milk Products—During the year 4,115 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.

Sediment Tests—Sediment tests have been made of milk as delivered by dairymen to the consumers or to the milk receiving station. The dirt contained in a pint sample of milk is collected on a cotton disc by filtering the milk through the disc. In those cases in which an undue amount of dirt appears on the disc, the dairyman is advised of the findings and of the necessity for producing clean milk. The disc with the dirt is also mailed to the dairyman. Good results have been obtained by sending the dirty discs to the dairymen, as the sight of the dirt removed from milk produced on their premises causes interest and the desire on the part of most dairymen to avoid similar humiliation in the future.

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New Legislation—During the present year the Legislature passed an act, which provides that on and after January 1, 1935, no person, firm, association or corporation shall ship, import, export, offer for sale, resale or distribution to consumers or for manufacture as ice cream within the State of New Jersey, milk and/or cream unless such milk and/or cream is produced by cows which have successfully passed an official tuberculin test made under the individual accredited herd plan or modified accredited area plan. This Department was granted authority to make and promulgate such orders and regulations as may be necessary for the proper enforcement of the provisions of this act. Conferences are now being held between officials of this Bureau and of the Bureau of Animal Industry of the Department of Agriculture of this State, for the purpose of agreeing upon proper regulations for the enforcement of this act.

Ice Cream Factory Inspection—The Association of Ice Cream Manufacturers of Pennsylvania and New Jersey had a bill introduced in the Legislature, which had for its purpose the licensing of establishments in which ice cream, sherbets, or ices were prepared for distribution in this State, and also the establishment of higher standards for ice cream. The Legislature of this State passed an act known as Chapter 271 of the Laws of 1933, in June of 1933. In this act a fee for licenses was fixed at $25 for each ice cream establishment in which a quantity not in excess of 100,000 gallons annually was prepared for distribution in this State, and a fee of $50 for those establishments in which a quantity in excess of 100,000 gallons annually was prepared. The standard for ice cream was changed from a minimum fat content of 8 per cent. milk fat in the case of plain ice cream to a minimum fat content of 10 per cent. In case fruit or nuts were used in the preparation of ice cream, the minimum fat content was changed from 6 per cent. milk fat to 8 per cent. milk fat. The act defined ice cream, frozen custard, sherbet, ice and imitation ice cream.

A large number of protests were received by this Department from those manufacturers of ice cream making less than 10,000 gallons annually, because of the excessively high fee fixed by the act for licenses to conduct small establishments in comparison with

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the fee fixed for the large establishments. As a result of these protests, the Department requested representatives of the two associations of ice cream manufacturers, the Association of Ice Cream Manufacturers of Pennsylvania and New Jersey, and the New Jersey Retail Ice Cream and Candy Manufacturers Association, Inc., to consider the advisability of changing the fees for licenses to a more reasonable basis. These associations agreed to this suggestion and an amendment was introduced into the Legislature and passed in December, 1933. This amendment fixed the fees from a minimum of $5 to a maximum of $100 annually.

During the year 422 licenses have been issued, the fees for which amounted to $5,150, which was paid into the State Treasury. The amendment passed in December, 1933, also authorized this Department to utilize the funds collected as fees for licenses in the enforcement of the act. In the spring of 1934 the Department employed one agent to enforce the provisions of this act. During the year 905 inspections have been made of the establishments at which ice cream is manufactured for distribution in New Jersey and 758 samples have been collected for examination. Of this number of samples 125 have been found to differ from the standard fixed in the act.

Non-Alcoholic Beverage and Bottled Water Plant Inspection—During the year 297 inspections were made of beverage and water bottling plants in this State and 96 samples of non-alcoholic beverages and bottled water were collected. Emphasis has been placed upon the necessity of cleaning bottles and utensils thoroughly. Close examination has been made of the syrups used in preparing non-alcoholic beverages and action has been taken to require the proper labeling of beverages prepared from imitation flavorings to provide that the beverages be labeled with the words "artificial" or "imitation" in letters of the same size type as the name of the product imitated.

In the case of the water bottling plants, samples of water have been taken from filled bottles and also from the pipe lines in the bottling rooms. In several cases the water was found to show evidences of contamination and notices have been forwarded to the operators of these establishments, ordering them to discontinue

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the sale of such polluted water until such time as the water is free from contamination.

Slaughter-House Inspection—During the year 41 inspections have been made of slaughter-houses. These establishments were found to be operated in substantial compliance with the laws of this State.

Canning Factory Inspection—During the canning season inspections have been made of all of the canning factories operating in New Jersey, for the purpose of ascertaining the conditions under which foods were being packed. As in past years, particular attention was given to the sorting of the raw material to prevent the packing of decomposed foods. The reports of these inspections prove that the canning factories of this State were being operated in general conformity with the laws governing this industry. Representative samples of the canned foods were collected and were examined in the laboratory of this Department. No cases of adulteration or misbranding of these products were found.

Alcoholic Beverages—The repeal of the Eighteenth Amendment, effective in December, 1933, resulted in the resumption of the legal sale of alcoholic beverages in this State. Under the Food and Drug Act of this State, the term "drug" shall include all medicines and preparations recognized in the United States Pharmacopoeia or National Formulary for internal or external use, and any substance or mixture of substances intended to be used internally or externally for the cure, mitigation, or prevention of disease of man or animal. The term "food" is also defined in this act as every article used for food or drink by man or animal, and every ingredient of such article, and all confectionery and condiments.

Whiskey or brandy sold under labels indicating that the products were intended for medicinal use were regarded as "drugs" and other alcoholic beverages were regarded as "food" under these definitions.

It seemed necessary that an investigation be made of the alcoholic beverages which were prepared or distributed within this State. Inspections were made of the establishments at which

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alcoholic beverages were bottled, and detailed information was secured at these bottling establishments regarding the ingredients which were used in the different beverages. Copies of the labels used on the containers of such beverages were also secured. Representative samples of the beverages were collected and in certain instances violations of the Food and Drug Act were discovered. Prosecutions were authorized by the Department of Health of this State and several penalties have been collected.

Sanitary Shellfish Control—At the beginning of the year the shellfish activities of the Department were in charge of a special committee of the Board headed by J. Oliver McDonald, M.D. The Board subsequently established a separate Bureau of Sanitary Shellfish Control with Dr. McDonald as Chief. Unfortunately, he passed away shortly after assuming direction of the Bureau, which was thereupon attached to the Bureau of Food and Drugs, W. W. Scofield, Chief, as a subdivision.

Certain areas closed to the taking of shellfish in the vicinity of Wildwood were patrolled during July and August to prevent summer visitors and baymen securing shellfish which might be potentially dangerous to health.

Early in October a field laboratory was established at Bivalve, New Jersey, and sanitary surveys and bacteriological examinations of shellfish and the waters of Maurice River were conducted for a period of one month. This investigation was co-operated in by the U. S. Department of Agriculture, U. S. Public Health Service and this Bureau. The report of the assistant bacteriologist of the U. S. Department of Agriculture states that collectively many minor sources of pollution from Millville to Northwest Reach at the mouth of the river are responsible for the questionable sanitary condition of the waters used in the floating operations. The report further states that while under certain climatic conditions, or at certain stages of tidal flow the instance of fecal B. coli in the waters at the floating areas may not be excessive, the demonstration of frequently recurring pollution of these areas casts suspicion on the waters of Maurice River as to their suitability for shellfish production.

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A resolution of the Board was passed on October 3, 1933, stating "that on and after July 1, 1934, shellfish shall not be floated or stored in water of less purity than that in which they are grown, and under no circumstances from waters determined to be contaminated by the State Department of Health." Investigations have been carried on to determine the sanitary quality of waters from which shellfish are taken and the waters used for floating or wet storage of shellfish prior to shipment. It was necessary to order closed to the wet storage of oysters two creeks along the Atlantic coast for such time as weather conditions rendered bacterial scores obtained from these shellfish in excess of the permitted standards. Subsequent studies of questionable areas have been presented to the Board for consideration and the establishment of policies for the future conduct of such storage operations.

During the year the western portion of Raritan Bay was reopened for the gathering of shellfish, and areas in the Shrewsbury River and adjacent to Ocean City reopened for a limited time during cold weather.

In March a special allotment of $15,000 was secured from the State House Commission and construction was started on three experimental plants for the wet storage of shellfish in sterilized water. Two of these plants located on Tuckerton Creek and Absecon Creek were completed, and the third one on Oyster Creek at Leeds Point nearly so. These plants are so designed as to provide water pumped from the creeks at the location of the present floats, which, after sterilization with chlorine, is stored in a large concrete tank, and may then be distributed to each shucking house through pipes which have been laid underground and a connection carried to each existing shipping house. In this connection experiments were carried on in a specially equipped experimental shellfish floating tank at Bivalve, jointly with the oyster investigational laboratory of the New Jersey Agricultural Experiment Station located at that point. It is believed that with the data secured from these experiments and others which have been made by this Department, and from observation of similar plants in Massachusetts and on Long Island, these experimental commercial plants can be operated at a low cost. By treating shell-

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fish by this method the benefits of wet storage or conditioning may be secured without the dangers of contaminating the shellfish by polluted waters. A special investigation was made during June of the waters of Shark River with reference to the possibility of their having caused disease. The investigation disclosed that the waters of Shark River were satisfactory for bathing and shellfish growing purposes and could not be considered responsible for the cases of disease reported in that vicinity.

TABLE 1

Samples of Milk, Cream, Foods, Drugs, Cleansing Solutions, Collected for Analyses and their Classification

	Above Standard	*Below Standard*	*Totals*
Milk and cream	3,982	133	4,115
Foods	1,506	246	1,752
Alcoholic beverages	83	20	103
Drugs	344	56	400
Cleansing solutions	2	...	2
Miscellaneous	20	1	21
	5,937	456	6,393

TABLE 2

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

	Inspections
Dairy farms	8,748
Milk plants	1,195
Ice cream factories	905
Cold storage warehouses	162
Slaughter-houses	41
Non-alcoholic beverage and water bottling plants	297
Canning factories	66
Egg breaking establishments	12
Restaurants	27
Alcoholic beverage establishments	62
Miscellaneous food establishments	3
	11,518

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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 1933-1934

ARTICLE	July 1933	Aug. 1933	Sept. 1933	Oct. 1933	Nov. 1933	Dec. 1933	Jan. 1934	Feb. 1934	March 1934	April 1934	May 1934	June 1934
Eggs, cases	860,407	824,267	680,899	507,657	321,683	115,784	2,494	3,128	75,430	284,435	515,578	621,246
Eggs, broken, lbs	9,080,215	8,510,546	7,755,199	6,881,916	5,876,752	4,945,546	3,629,089	3,203,251	2,719,599	3,411,110	3,973,195	4,611,944
Cheese, lbs.	8,714,463	9,359,324	9,078,287	8,675,978	7,768,175	7,351,666	6,794,152	6,212,944	5,810,576	4,405,059	4,455,882	6,236,919
Butter, lbs	8,867,822	10,615,446	10,064,355	10,844,293	8,587,203	12,289,866	7,119,759	2,884,685	691,812	191,400	324,169	1,642,124
Poultry, lbs.	4,004,060	4,734,429	5,315,389	5,997,568	5,388,541	7,060,128	11,105,768	10,019,381	7,712,265	6,303,993	5,390,278	6,268,632
Fresh meats, lbs.	3,069,872	3,276,555	2,735,029	2,237,618	2,212,815	2,619,596	3,090,616	2,562,590	2,265,384	2,601,457	2,270,509	3,303,742
Fresh fish, lbs.	802,908	857,071	1,054,437	1,677,491	1,651,438	1,374,843	801,534	555,108	429,788	415,895	786,234	1,985,395
Milk and milk products, lbs.	231,096	603,360	356,918	332,372	188,632	203,538	161,756	101,768	77,944	80,228	104,774	177,322
Edible fats & oils, lbs.	3,154,575	2,336,462	853,850	599,426	971,286	473,939	719,785	989,082	765,273	1,107,506	959,951	921,641
Game, lbs.	.....	.....	.....	.....	186	451	258	219	291	291	291	166
Miscellaneous articles, pkgs.	77,706	103,510	252,693	430,754	538,714	475,719	420,058	309,288	254,977	193,125	138,814	100,285

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Report of the Bureau of Bacteriology

For the Year Ending June 30, 1934

J. V. MULCAHY, CHIEF

The period covered in this report of the Bureau of Bacteriology for the year ending June 30, 1934 has been an unusually busy time as shown in the tabulations at the end of this report.

It was commented in last year's report that a decided increase in the number of examinations had been made over those of any preceding year. The continued increasing use of the facilities of the laboratory is reflected in a notable increase during the past year in all phases of the work.

Last year the total number of specimens examined from all kinds of suspected communicable diseases and from various types of food handlers was 73,339, while during this past year 91,158 specimens were examined. This is an increase of 17,810 examinations.

It is indeed fortunate that ample space is now available to carry on this work as it would have been a physical impossibility to handle this volume of work without the additional rooms assigned to this bureau which have been occupied since the first of the past fiscal year.

These three new rooms have been adequately equipped and so conveniently arranged that the increased work can be more satisfactorily handled without the crowded and unfavorable working conditions prevailing in our older cramped quarters. By the rearrangement of rooms it has been possible to assign an additional room for the laboratory assistants charged with the preparation of culture media and the assembling of mailing cases for the collection of specimens. This has taken these workers out of the

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wash room where they formerly worked, allowing additional space in the wash room to those assigned to the cleaning of glassware.

A noteworthy improvement has been made to our animal room this year. Through the co-operation of the State House Commission and with the use of C. W. A. workers, this room has been enlarged, providing more than three times additional space. Before this enlargement the animal room was too small to care properly for the animals and was badly overcrowded. The present room is well lighted, has ample space and is well ventilated, and allows for the proper care of additional animals needed to care for the increased work.

A new floor has been laid and ample shelf and cupboard space has been provided in our storage space under the roof, now making this space very satisfactory and well adapted for storing glassware and laboratory supplies.

Acknowledgment of the appreciation of the department for these improvements was conveyed to the State House Commission in a letter sent by the Director.

The following table shows the number of specimens from various cases of suspected communicable diseases examined during the year, making a total number of 91,158.

TABLE I

Total Number of Specimens Examined During the Fiscal Year Ending June 30, 1934

Diphtheria	9,863
Tuberculosis	9,203
Typhoid fever	3,613
Typhoid bacilli (feces and urine)	7,053
Gonorrhoea	6,143
Syphilis	50,695
Miscellaneous specimens	4,588
Total	91,158

There has been an increased number of examinations made in every type of specimens shown in this table, compared with a similar table in the report of this bureau for last year.

We have made 2,607 more examinations for diphtheria, 1,588 more examinations for tuberculosis, 518 more blood specimens

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for typhoid fever, 3,017 more examinations of feces and urine for typhoid bacilli, 9,135 more examinations of blood specimens for evidence of syphilis, and 594 more miscellaneous examinations.

It will be seen that the largest increase was in the specimens examined for syphilis by means of the Wassermann and Kahn test, and in the specimens of feces and urine examined for typhoid bacilli, both time-consuming examinations.

This additional work has kept the entire force very busy and I wish to express my appreciation for the conscientious and faithful way that they have performed their duties, often requiring considerable overtime to finish their assigned tasks.

TABLE II

Yearly Totals of Animals Examined for Rabies from 1925 to 1934, Inclusive

	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934
Positive	160	202	164	93	106	96	80	177	130	86
Negative	116	145	132	116	115	121	114	123	121	93
Unsatisfactory..	18	25	26	19	22	11	8	27	21	10
Total	294	372	322	228	243	228	202	327	272	189

This tables gives a yearly comparison of examinations made on different animal brains sent to the laboratory for examination for evidence of rabies. This disease has been prevalent for some years in this State, and while the number found to be rabid in this laboratory during the past year is less than either of the past two years, rabies, however, has been unusually prevalent in the northern section of the State, which does not show in this table as many suspected animals are examined in laboratories situated in the northern part of the State.

Reports are received by the department of the occurrence of rabies throughout the State, and these records show that 223 animals, mostly dogs, were found rabid during the year.

Of the specimens of animals' heads, mostly dogs' heads, sent to this laboratory for examination for rabies, a certain number are received in an unsatisfactory condition for examination. Attention has been directed in past reports of this bureau and in

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publications of this department, to the need of careful icing of the specimen when shipping an animal's head for laboratory examination, and cautioning against injury to the brain when the animal is killed.

In most instances these precautions are observed, but it will be seen in Table XIII that nine dogs and one cat were in such an unsatisfactory condition that no examination could be made.

In Table XI is shown miscellaneous examinations made during the year, comprising specimens examined from a number of different kinds of suspected infections. Some of these examinations are always of particular interest because they sometimes reveal the presence of unusual infections.

It will be seen in this table that an examination of a specimen of home-prepared sausage showed the presence of Trichinella spiralis. This pork had been consumed by members of the family who prepared this product, and several of their friends, all of whom were made sick.

It was not until an epidemiological investigation had been made of these cases and a history of eating this pork product had been obtained and the laboratory findings reported, that a correct diagnosis was made on these cases.

This specimen of sausage received showed the presence of numerous encysted larvae, and the ingestion of this insufficiently cooked pork was responsible for twelve cases of trichinosis resulting in two deaths.

The presence of a case of cerebro spinal meningitis at Camp Dix, at that time used as a concentration camp for men going to different C. C. Camps, resulted in a request from the medical officer that this laboratory examine specimens from the men in contact with this case. Special swabs for the collection of these specimens were furnished, and an examination made of these specimens for the presence of meningococci from these contacts.

Much additional work has been done in the laboratory for Federal Government agencies using the laboratory for the examination of specimens from food handlers in the different C. C. Camps in the State, and in the examination of other bacteriological specimens.

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For several months four assistants were assigned to the laboratory to assist with this additional work under a State project for unemployment relief, but this project was discontinued even though the examination of specimens from these camps continued.

The recognition of cases of amoebic dysentery in this State contracted through the ingestion of infected foods or drinks while guests at two hotels in Chicago, resulted in an increased demand in laboratory facilities for the examination of feces specimens for the presence of the causative organisms in suspected cases of this disease.

This Bureau is prepared to assist the physicians of the State in the diagnosis of suspicious cases of amoebic dysentery by the examination of specimens of feces if they can be sent in a fresh condition shortly after passage and kept in a warm condition during transit.

The organism found usually in large numbers in the stools of cases of this disease is the organism Endamoeba Histolytica, and can be detected by microscopic examination of the freshly collected warm specimens.

Two methods for the examination of Endamoeba Histolytica have been used for the identification of this organism. One of these methods is to examine a thin film of freshly collected warm feces on a glass slide covered with a cover glass, and an examination made under the microscope for the actively motile organism. The appearance of the endamoeba in a warm preparation shows the characteristic ameboid motion, constantly changing its shape or moving about by means of distinct pseudopodia. This motion is a striking feature of the vegatative form of this parasite. Another feature that is valuable in the identification of this organism is the presence of ingested blood corpuscles. These organisms are most likely to be found if care is taken to examine grayish or blood-streaked particles of mucous, if present in the feces.

The other microscopic method is the examination of a stained specimen of feces to demonstrate the characteristic structure. With this method the appearance of the nucleus in the vegatative forms and the presence of ingested blood cells serves to differentiate Endamoeba Histolytica from other amoeba.

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A more detailed description of these methods together with methods for the cultivation of this organism is given in an article published in the Public Health News issue of January, 1934.

During the year, 555 specimens have been examined for the presence of amoeba, most of these specimens, however, being received from food handlers in a hotel. The owners of this hotel requested the examination of all food handlers, not only for amoeba but for typhoid carriers and for evidence of syphilitic infection. These specimens were sent in through the physician connected with this hotel.

In Table XII is shown the examinations made for evidence of Undulant fever, and examinations made on milk samples for agglutination tests for B. Abortus infections in the animal.

It will be seen that of the 334 specimens of human blood examined for evidence of Undulant fever 37 of these specimens gave a reaction in a dilution of 1-80 or higher.

Of the 18 specimens of cows' blood showing agglutinins of B. Abortus, 9 of these were found in one herd. These samples were collected from this herd as it was suspected that the milk from this herd was responsible for several cases of Undulant fever. Guinea pig inoculations were made from these specimens of milk, giving an agglutination in dilutions of 1-100 or over. These tests are now under way for the purpose of isolating B. Abortus in these experimental animals found to be affected as the result of the injection of these samples of milk.

Table XV shows the number of mailing cases prepared for shipment to various repositories located in drug stores and offices of local boards of health, and in many instances directly to the physicians of the State. These outfits are distributed for the collection and transmission of specimens from suspected cases of communicable diseases and comply with the postal regulations relating to the transmission of diseased material through the mail.

The assembling of almost 110,000 of these outfits, involving as it does the preparation of sterile swabs, vials and other glassware, has kept those engaged with this phase of the laboratory work very busy.

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This same force, consisting of five laboratory assistants, tubes, bottles and sterilizes all the culture media used by the Bureau of Bacteriology, besides all the culture media used in the examination of water and sewage samples for use in the water laboratory, and for all field work in water and sewage purification work done by the engineering force of this department.

The demand for culture media is growing larger constantly as the number of water and sewage samples increase, and a larger engineering force is put in the field to collect samples in the operation of these purification plants.

We received and filled orders for media totaling over 5,000 liters, requiring several hundred thousand tubes and bottles. This demand has kept our limited number of autoclaves running at capacity most of the time.

During the year, groups from nurses training schools, colleges and other interested groups have visited the laboratory to observe the procedure followed in a public health laboratory.

An assortment of biological products is kept in stock, including smallpox vaccine, Schick test material, diphtheria toxoid and toxin-antitoxin, typhoid and paratyphoid bacterin, scarlet fever toxin for the Dick test, and tetanus anti-toxin. These products are supplied at cost to physicians and health officials doing immunization work in clinics and school groups and a considerable amount is taken by the epidemiologists connected with the Bureau of Local Health Administration when assisting with the immunization of various groups in State institutions, and in cooperation with physicians and health officials throughout the State.

In the tabulations that follow is shown the various examinations made and the number examined in this Bureau during the year, arranged and classified under the name of the disease for which they were examined.

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TABLE III

Specimens Examined for Diphtheria Bacilli, Primary and Secondary, During Fiscal Year Ending June 30, 1934, by Months

MONTH	Primary			Secondary			
	+	—	Uns.	+	—	Uns.	Total
July	4	373	13	28	131	1	550
August	1	249	11	6	121	8	396
September	3	438	16	..	284	..	741
October	9	513	16	5	384	5	932
November	13	332	23	35	216	15	634
December	3	433	9	13	184	3	645
January	1	585	20	5	281	12	904
February	6	479	6	4	142	2	639
March	14	1226	17	16	178	4	1455
April	5	510	11	14	163	2	705
May	20	557	13	4	166	3	763
June	15	1273	22	11	176	2	1499
Total	94	6968	177	141	2426	57	9863

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

TABLE IV

Specimens Examined for Tubercle Bacilli, Primary and Secondary, During Fiscal Year Ending June 30, 1934, by Months

MONTH	Primary			Secondary			
	+	—	Uns.	+	—	Uns.	Total
July	50	282	5	104	245	2	688
August	55	254	4	118	236	3	670
September	43	282	7	78	194	2	606
October	44	298	4	123	276	3	748
November	46	306	1	95	246	4	698
December	46	345	3	97	304	2	797
January	50	322	2	95	335	4	808
February	40	315	7	111	313	1	787
March	53	391	2	96	360	1	903
April	46	359	..	116	394	..	915
May	38	354	..	66	337	2	797
June	60	317	3	101	304	1	786
Total	571	3825	38	1200	3544	25	9203

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TABLE V

Specimens Examined for Typhoid Fever Reaction, Primary and Secondary, During Fiscal Year Ending June 30, 1934, by Months

MONTH	Primary			Secondary			
	+	—	Uns.	+	—	Uns.	Total
July	12	156	9	5	60	4	246
August	6	221	6	3	48	..	284
September	13	237	12	1	46	5	314
October	13	140	5	7	26	2	193
November	9	109	7	5	39	5	174
December	9	152	4	1	141	2	309
January	10	342	12	3	91	1	459
February	1	174	5	2	43	1	226
March	8	321	12	1	56	3	401
April	11	241	6	2	57	4	321
May	9	143	10	4	66	5	237
June	8	210	11	2	211	7	449
Total	109	2446	99	36	884	39	3613

TABLE VI

Specimens of Feces and Urine Examined for Typhoid Bacilli, Primary and Secondary, During Fiscal Year Ending June 30, 1934, by Months

MONTH	Primary			Secondary			
	+	—	Uns.	+	—	Uns.	Total
July	4	267	6	4	194	3	478
August	1	124	2	..	94	..	221
September	..	283	7	2	54	2	348
October	2	283	1	..	65	..	351
November	3	347	..	..	98	..	448
December	3	169	..	4	248	1	425
January	2	896	7	3	221	..	1129
February	1	742	3	1	158	4	909
March	1	729	1	1	124	1	857
April	1	644	..	..	88	..	733
May	..	445	..	..	75	..	520
June	..	439	1	..	194	..	634
Total	18	5368	28	15	1613	11	7053

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TABLE VII

Specimens Examined for Gonococci (pus smears), Primary and Secondary During Fiscal Year Ending June 30, 1934, by Months

MONTH	Primary			Secondary			
	+	—	Uns.	+	—	Uns.	Total
July	109	298	1	21	123	2	554
August	112	312	3	24	121	..	572
September	89	299	3	15	126	1	533
October	113	319	1	28	121	..	582
November	91	405	..	26	130	2	654
December	78	276	2	19	84	1	460
January	99	297	1	20	138	..	555
February	68	232	..	13	89	..	402
March	61	253	1	23	105	..	443
April	68	286	..	14	96	..	464
May	73	281	..	14	98	..	466
June	68	286	1	14	89	..	458
Total	1029	3544	13	231	1320	6	6143

TABLE VIII

Miscellaneous Specimens Examined, Primary and Secondary, During Fiscal Year Ending June 30, 1934, by Months

MONTH	Primary			Secondary			
	+	—	Uns.	+	—	Uns.	Total
July	61	184	5	9	33	..	292
August	58	178	2	5	40	2	285
September	66	186	3	6	36	..	297
October	48	188	3	3	42	..	284
November	55	188	1	10	43	..	297
December	64	145	3	13	48	1	274
January	62	196	2	13	32	..	305
February	73	230	1	11	37	1	353
March	130	376	6	21	47	..	580
April	89	441	2	29	57	..	618
May	71	448	5	11	75	..	610
June	61	284	3	7	38	..	393
Total	838	3044	36	138	528	4	4588

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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, 1934, by Months

MONTH	Primary							Secondary							
	4+	3+	2+	+	±	—	uns.	4+	3+	2+	+	±	—	Uns.	Total
July	110	9	19	19	16	2612	114	28	4	9	10	7	528	27	3512
August	117	9	20	16	21	3259	117	46	4	16	7	16	639	22	4309
September	120	12	29	19	16	2936	70	67	10	30	19	19	815	80	4242
October	138	10	33	9	23	2932	63	66	7	23	13	15	607	27	3966
November	131	14	21	15	20	2942	67	46	6	14	10	14	644	18	3962
December	98	12	16	11	16	2481	120	38	5	14	10	23	705	33	3582
January	128	11	29	21	26	3334	121	67	7	28	18	23	871	40	4724
February	99	12	20	25	25	2726	187	62	3	17	20	26	659	40	3921
March	116	15	28	16	33	3716	81	66	10	13	17	29	793	40	4973
April	105	21	18	14	34	3629	90	50	7	27	7	21	822	24	4869
May	140	12	16	10	19	3304	65	58	8	20	8	30	816	23	4529
June	116	7	24	6	14	2723	94	48	8	22	17	23	976	28	4106
Total	1418	144	273	181	263	36594	1189	642	79	233	156	246	8875	402	50695

TABLE X

Specimens of Blood and Spinal Fluid Examined for Syphilis (Complement Fixation Test), with Cholesterinized Antigen, During Fiscal Year Ending June 30, 1934, by Months

MONTH	Primary							Secondary							
	4+	3+	2+	+	±	—	uns.	4+	3+	2+	+	±	—	Uns.	Total
July	187	18	3	19	12	2546	114	74	6	4	24	29	449	27	3512
August	241	10	2	28	20	3141	117	157	7	8	26	42	488	22	4309
September	239	25	6	29	30	2803	70	207	22	11	41	47	632	80	4242
October	247	19	3	22	16	2838	63	174	16	11	34	28	468	27	3966
November	235	15	2	18	26	2847	67	132	15	3	19	33	532	18	3962
December	163	11	2	23	22	2413	120	112	10	6	34	32	601	33	3582
January	255	10	1	16	17	3250	121	189	8	4	35	29	749	40	4724
February	212	8	1	24	18	2644	187	174	4	2	42	28	587	40	3921
March	237	9	1	34	26	3617	81	174	15	..	34	57	648	40	4973
April	243	12	9	9	21	3527	90	180	21	7	27	34	665	24	4869
May	219	5	2	15	31	3229	65	160	16	6	37	51	670	23	4529
June	210	7	3	18	21	2631	94	160	18	7	37	64	808	28	4106
Total	2688	149	35	255	260	35486	1189	1893	158	69	390	474	7247	402	50695

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TABLE XI

Miscellaneous Specimens Examined, Positive, Negative and Unsatisfactory, During Fiscal Year Ending June 30, 1934

Specimen for	*Positive*	*Negative*	*Unsatisfactory*
Rabies	86	93	10
Amoeba	1	554	..
Bacterial infection (body fluids, blood, feces, milk, pus, sputum, water, urine, etc.)	528	346	8
B. tuberculosis (body fluids, blood, feces pus and urine)	18	132	..
B. typhosus (blood, milk and water)	..	5	..
Para-typhoid fever	4	1,105	6
B. para-typhosus (blood, feces, milk, pork and urine)	12	509	..
Gonococcus infection (urine)	..	1	..
Malarial parasite (blood)	1	24	1
Meningococci	..	57	..
Ophthalmia neonatorum	36	48	2
Pneumococci (pleural fluid and sputum)	3	6	2
Spirochetes	1	..	..
Trichinosis (pork sausage)	1	1	..
Tularemia	..	25	..
Typhus fever (blood reaction for)	1	3	..
Undulant fever	55	312	4
Vincent's angina	197	296	1
Other unusual examinations	32	55	6
Total	976	3,572	40
Grand total			4,588

TABLE XII

Specimens Examined for Evidence of Brucella Infection, During Fiscal Year Ending June 30, 1934

	Positive	*Negative*	*Unsatisfactory*
Undulant fever			
Agglutination test of human blood	37	293	4
Human blood (culture for type of organism)	..	3	..
Urine (culture for type of organism)	..	1	..
B. abortus			
Animal inoculation of cow's milk	..	1	..
Agglutination test of goat's milk	..	2	..
Agglutination test of cow's milk	18	12	..
Total	55	312	4
Grand total			371

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TABLE XIII

Rabies Specimens, Species of Animals, Positive, Negative and Unsatisfactory, Examined During Fiscal Year Ending June 30, 1934

Dogs—Positive, 85; Negative, 82; Unsatisfactory, 9.
Cats—Negative, 5; Unsatisfactory, 1.
Cows—Positive, 1; Negative, 1.
Rats—Negative, 1.
Squirrels—Negative, 4.

TABLE XIV

Municipalities, Arranged by Counties, from Which Rabid Animals Were Received During Fiscal Year Ending June 30, 1934

Atlantic County—Pleasantville, 1.
Camden County—Camden, 2; Grenloch, 1.
Cape May County—Cape May, 1.
Cumberland County—Millville, 1.
Essex County—Livingston, 1; Orange, 1.
Gloucester County—Almonesson, 1; Williamstown, 1.
Hunterdon County—Flemington, 1; Pittstown, 1.
Mercer County—Hightstown, 3; Hopewell, 1; Pennington, 2; Princeton, 2; Titusville, 2; Trenton, 7.
Middlesex County—Dunellen, 1; Highland Park, 1; Metuchen, 1; New Brunswick, 1; Perth Amboy, 1; South River, 1; Woodbridge, 2.
Monmouth County—Freehold, 1; Matawan, 1.
Morris County—Boonton, 1; Dover, 5; Madison, 2; Morris Plains, 1; Morristown, 9; Mountain Lakes, 1; Newfoundland, 2; Whippany, 1.
Passaic County—Passaic, 2.
Salem County—Salem, 1; Woodstown, 2.
Somerset County—Somerville, 1.
Sussex County—Newton, 1.
Union County—Cranford, 1; Hillside, 3; Rahway, 1; Summit, 1; Westfield, 8.
Warren County—Stewartsville, 1; Washington, 1.

TABLE XV

Mailing Cases for the Collection and Transmission of Specimens Supplied to Physicians and Repositories Throughout the State During Fiscal Year Ending June 30, 1934

Diphtheria—Regular mailing cases	12,249	
Serum tubes and swabs	1,566	
Extra swabs	3,331	
		17,146
Tuberculosis mailing cases		12,643
Typhoid fever mailing cases		4,438
Gonorrhoea mailing cases		8,908
Malaria mailing cases		252
Feces and urine mailing cases		9,176
Syphilis mailing cases		56,911
Ophthalmia neonatorum mailing cases		181
Total		109,655

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Report of the Bureau of Chemistry

For the Year Ending June 30, 1934

J. E. Bacon, Chief

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

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

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

There was an increase of 7.5 per cent. in the number of samples analyzed in the water laboratory, making an increase of 69.0 per cent. in the number of samples examined this year over two years ago. The addition of one chemist and one technician to the personnel commencing with the new fiscal year will enable the Bureau to study some chemical problems next year which it has

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been impossible to investigate in the past. For instance, "mottling" of teeth in course of formation is claimed to be produced when the fluorine in drinking water exceeds one to two parts per million. An early study of the fluorine content of the public water supplies of New Jersey is contemplated.

Sixteen thousand, one hundred and fifty-nine samples of food, drugs, water, sewage and miscellaneous preparations have been examined during the past year. The tabulations indicate the variety of products analyzed.

TABLE SHOWING NUMBER AND CHARACTER OF SAMPLES EXAMINED IN THE FOOD AND DRUG LABORATORY DURING THE FISCAL YEAR ENDING JUNE 30, 1934

	Above Standard	*Below Standard*	*Total*
Milk	3,358	123	3,481
Milk, bacteriological	28	...	28
Cream	626	...	626
Sour cream	110	6	116
Ice cream	738	98	836
Ice cream, bacteriological	12	...	12
Sherbet	4	6	10
Ices	2	2	4
Human milk	7	...	7
Cheese	74	9	83
Butter	144	3	147
Soft drinks	22	14	36
Alcoholic beverages	110	25	135
Pork sausage	103	27	130
Hamburg	229	14	243
Tomato products	29	2	31
Olive oil	123	7	130
Relishes	7	7	14
Egg noodles	12	11	23
Frozen custard	8	19	27
Fruits for spray	34	1	35
Gelatin	9	...	9
Canned vegetables	15	...	15
Candies	5	3	8
Molasses	...	7	7
Bread	1	3	4
Miscellaneous	29	...	29
Total foods and miscellaneous	5,839	387	6,226

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	Above Standard	*Below Standard*	*Total*
Camphorated oil	105	3	108
Citrate Magnesia	42	24	66
Castor oil	29	1	30
Chloroform liniment	12	6	18
Hair tonic	4	1	5
Hydrogen peroxide	48	9	57
Lime water	12	3	15
Mineral oil	34	12	46
Spirits camphor	47	1	48
Tincture iodine	86	...	86
Tincture ferric chloride	39	3	42
Spirits nitre	22	33	55
Potassium iodide	5	41	46
Witch hazel	50	17	67
Miscellaneous	22	6	28
Total drugs	557	160	717
Urinalysis	9	...	9
Total food and drugs	6,405	547	6,952

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SAMPLES ANALYZED IN WATER AND SEWAGE LABORATORY FROM JULY 1, 1933, TO JUNE 30, 1934

MONTH	Public Water Supplies	Private Water Supplies						County Institutions	State Institutions	State Park Commission	County Park Commission	School Supplies	Dairy Supplies	Bottled Water Supplies	Roadside Stand Supplies	Bathing Water and Swimming Pool Samples	Water-shed Samples	Sewage Samples	Stream Samples	Trade Waste Samples	Sand Samples	Surf Samples	Special Experimental	Miscellaneous Samples	State Water Policy Commission Supplies	Shellfish Samples	Totals
		Pay Samples	Collected by Local Boards of Health	Collected by Employees	U. S. Government	Camp Supplies	Private Samples																				
1933																											
July	163	7	34	7	.....	45	2	3	18	.....	11	.....	5	28	10	303	64	38	214	.....	.....	.....	22	.....	.....	.....	974
August	253	9	46	6	.....	11	3	3	9	.....	.....	.....	2	.....	4	535	51	90	56	1	.....	153	30	.....	.....	1	1263
September	282	8	17	6	.....	4	2	9	18	.....	7	6	9	3	3	404	64	18	60	14	.....	8	40	9	42	.....	1033
October	297	1	22	5	.....	.....	2	3	17	.....	.....	29	5	11	6	183	30	29	18	13	.....	.....	.....	.....	.....	.....	671
November	109	2	18	1	2	.....	1	6	42	.....	1	97	1	.....	1	1	9	167	80	1	.....	.....	86	19	.....	.....	644
December	245	.....	6	5	.....	.....	2	3	4	.....	.....	83	.....	.....	.....	.....	74	29	3	1	.....	.....	4	.....	.....	.....	459
1934																											
January	206	4	9	2	3	1	.....	5	12	.....	.....	130	3	4	.....	1	22	45	3	1	6	.....	24	12	.....	.....	493
February	100	1	4	.....	.....	.....	.....	5	5	.....	.....	75	1	.....	.....	.....	11	17	2	1	4	.....	56	2	.....	.....	284
March	205	3	6	3	.....	.....	.....	7	12	.....	.....	76	6	.....	.....	.....	74	9	9	5	6	.....	12	.....	.....	.....	433
April	313	.....	14	1	1	.....	.....	4	17	.....	.....	16	4	.....	1	.....	53	81	35	20	5	.....	.....	25	.....	.....	610
May	210	5	25	8	.....	7	.....	3	10	.....	.....	9	2	17	.....	8	75	230	90	7	2	122	.....	12	.....	200	1042
June	402	6	38	11	.....	14	.....	18	17	2	.....	2	1	27	.....	19	102	275	166	.....	.....	.....	.....	.....	.....	201	1301
Totals	2785	46	239	55	6	82	12	69	181	2	19	523	39	90	25	1454	629	1028	736	64	23	283	274	79	42	422	9207

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Report of the Bureau of Child Hygiene

For the Calendar Year 1933

JULIUS LEVY, M.D., CONSULTANT

INFANT MORTALITY

The infant mortality rate for New Jersey for 1933 was 46 per 1,000 live births. This is the lowest rate ever reported in the State of New Jersey and represents a further reduction of approximately 10 per cent. over the rate of last year.

It is particularly interesting to note that since 1929 there has been a continuous reduction in the infant mortality rate, the rate of 1933 being approximately 25 per cent. lower than the rate of 1929. The total number of births has also shown a continuous decrease since 1929; 1933 presenting practically a decrease of 18 per cent. over 1929 in total births. Practically all the reductions in the mortality of the first year have occurred in the period over 1 month—the mortality in the first days and weeks presenting very little variations over a period of some 14 years. One may correlate with this fact that the maternal mortality rate has shown practically a very slight variation for the past 14 years.

These early infant deaths are effected by the same factors that influence maternal mortality and will be reduced to any considerable degree only when we succeed in obtaining for mothers and new-born infants the care that scientific knowledge clearly indicates.

All but two of the 21 counties had infant mortality rates under 60, and two counties had infant mortality rates under 40.

This clearly indicates that not only the infant mortality rate for the State as a whole is exceedingly low but that this has been obtained by a general uniformity of low infant mortality rates in all of the counties.

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Of the 10 larger cities, only one presents an infant mortality rate over 60, while two present infant mortality rates under 40.

The lowest infant mortality rate among cities with a population between 50,000 and 100,000 was found in Irvington with a rate of 30. Atlantic City presented the highest rate with 57.

Health Supervision

In spite of the serious economic depression, the Department was able to maintain health supervision of children in most of the communities in which it had been previously established.

At the present time, 435 communities are carrying on the State Child Hygiene Program under the supervision of this Bureau. There are 144 field nurses of whom 118 are entirely paid by the communities in which they work; 17 partly paid and only 9 entirely paid by the State Department. During the year as the result of very intensive extension work, the salaries of 9 nurses, who had temporarily been taken over by the State Department, were reassumed by the communities in which they had been working. One new community assumed the whole salary of the nurse and 20 communities in some 7 different counties assumed part of the salary of the nurses working in their communities.

The continuous Child Hygiene Program has been maintained along the lines established in previous years with the result that each Child Hygiene nurse supervises in a community the expectant mothers, new-born infants, preschool and school children.

Where the nurse has been in a community for a sufficient period, school authorities have recognized that the children come to school in a much healthier condition and free from many of the defects that interfere with proper school progress.

Our attention has been called by one supervising dentist to his observation that the children entering school in a community where the Child Hygiene nurse has been supervising the care of infants for 5 years, have teeth practically free from caries.

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Emergency Relief

Through very active co-operation with the Emergency Relief Administration, it has been possible to make available to families extra milk and additional foods for all children and so to maintain to a very unexpected degree the general healthfulness and nutrition of the children, especially in those communities where the Child Hygiene nurses have been established. The nurses have not only brought family situations to the attention of the Emergency Relief but through their regular visits in the homes have been able to instruct mothers in the proper purchasing and preparation of foods.

Cooking Classes

In certain counties cooking classes were organized in co-operation with the County Demonstration Agent of the Home Economics Department of the State Agricultural College and the representatives of the County Emergency Relief. In all, 14 classes were held in Atlantic, Bergen and Cape May Counties with the mothers on the Emergency Relief.

Civil Works Survey

During the latter part of 1933, we were asked to prepare plans to assist the Emergency Relief Administration to make available work for women. As a result a Child Health Survey was developed which employed for a period of about four months about 250 persons, of which 100 were nurses and 130 investigators, clerks and stenographers. As a result of this survey information in regard to the status of medical health examinations, dental health examinations, immunization against diphtheria, vaccination against smallpox, has been made available to respective boards of health to enable them to conduct an intensive educational campaign further to develop these child health protective measures.

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Co-operation With Public Health Committee of the State Medical Society

Our nurses have been instructed actively to co-operate with the county medical societies in their present plan to have all children immunized and vaccinated before the age of 2, by physicians in their offices.

Mental Hygiene Conferences

With the ever-increasing interest in mental hygiene, we became convinced that there was an excellent opportunity for this department through the Child Hygiene nurses to carry on an effective educational, preventive mental hygiene campaign.

Studies of many of the neurosis and psychosis, of juvenile delinquencies, of maladjustments of school children, have indicated that many of the difficulties result from the early parent-child relationships and the development or absence of certain habits and attitudes.

The Child Hygiene nurse, through her regular visits to expectant mothers, new-born infants and preschool children, has an opportunity to make clear to parents the importance of their attitudes on the future emotional make-up of the child.

In order to prepare the nurse for this newer type of work, a series of conferences was arranged for the year 1934. It is our plan to have the supervisors obtain intensive instructions in this field and to try to develop this form of mental hygiene work as part of the regular work of the Child Hygiene nurses.

Statistical Summary

Mortality rates are per 1,000 live births.

Infant mortality	46
Under one month	27
Stillbirths	36
Puerperal deaths	5.1

One hundred and forty-four nurses supervised 6,474 expectant mothers, 21,082 babies, 35,288 preschool children and 113,830 school children.

118 nurses were paid by the communities in which they work
17 nurses were paid partly by the community and partly by the State
9 nurses were paid entirely by the State Department of Health.

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Four hundred and thirty-five communities carried on the State Child Hygiene Program under State supervision.

One hundred and forty-four baby keep-well stations were conducted weekly.

Thirteen district supervisors supervised in addition to the Child Hygiene nurses, 380 of the midwives of the State.

One community assumed the salary of the nurse. Salaries or parts of salaries for 9 nurses were temporarily re-assumed by the State Department of Health due to financial conditions in local communities. The communities again assumed the salaries as soon as finances permitted.

There were 56,063 births in 1933, a decrease of 8 per cent. in the number of births over 1932.

Visits made in the homes by the nurses		304,991
To expectant mothers	27,543	
To babies	120,344	
To children of preschool age	100,089	
To school children	57,015	
Visits to Baby Keep-Well Stations		106,080
By babies	78,578	
By preschool children	27,502	
Prenatal Advice (expectant mothers)—		
Supervised prenatal cases		6,474
Address changed before delivery	311	
Pregnancies ended	3,840	
Live births	3,702	
Stillbirths	89	
Miscarriages	49	
Maternal deaths	9	
Attendants at births—		
Doctor or hospital		3,272
Midwife		560
No attendant		8
Infant care—		
Babies supervised		21,082
New cases	10,610	
Preschool care—		
Children supervised (ages 1 to 6)		35,288
New cases	10,304	
Illnesses and defects (not including school child)—		
Detected	9,661	
Corrected	6,319	
Contagious diseases—		
Suspected cases discovered		1,863
Unsanitary conditions discovered		708
Eye smears taken		22
Suspected tuberculosis cases referred		822

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Preschools and babies receiving toxin anti-toxin		3,709
Preschools vaccinated		561
Attendance at Little Mother Leagues		92
Unreported births discovered		8
School children supervised		113,830
Inspections (annual, general, classroom, assisting doctor)		1,121,284
Defects detected	119,659	
Defects corrected	42,356	
Illnesses detected	4,437	
Pupils excluded by principal	15,113	
School children receiving toxin anti-toxin		3,671
Nose and throat cultures taken for diphtheria		279

Midwifery

During the year 1933 there were 433 licensed registered midwives in the State of New Jersey. Three hundred and eighty of these were supervised by the State Department of Health, 45 were under local supervision in Jersey City and 8 were from out of State. This was an increase of four midwives as compared with last year.

Of the 380 licensed supervised midwives, 164 midwives each delivered more than 12 cases a year; 152 delivered less than 12 cases a year and 64 did not deliver any during the year. The last two groups have increased considerably because there has been a decided decrease in the activities of all midwives.

Unlicensed Midwives

In 1933 one unlicensed midwife was referred for prosecution to the State Board of Medical Examiners with evidence of having delivered three cases. Action pending.

Number of Cases Delivered by Midwives

The total births in 1932 was 61,215; in 1933, 56,072, giving a decrease of 5,143. The total births delivered by midwives in 1932 was 6,841 or 11 per cent. whereas in 1933 they delivered 5,135 or 9.1 of the total births.

In some communities midwives delivered a considerable percentage of the total births; for instance:

Carteret	57%	Garfield	39%
South River	48%	Perth Amboy	37%

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In one large industrial city in which is located a large maternity hospital, the percentage of cases delivered by midwives was 7 per cent.

The following, giving total births and those delivered by midwives shows the trend for the past fifteen years, since the organization of the Bureau.

Year	*Total Births*	*Births Delivered by Midwives*	*Percentage of Births Delivered by Midwives*
1918	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

Following shows counties where midwives delivered more than 10 per cent. of the births:

County	*Total Births*	*Births Delivered by Midwives*	*Percentage of Births Delivered by Midwives*
Bergen	4,843	517	10.
Union	4,357	592	13.6
Passaic	4,020	614	15.
Somerset	971	194	20.
Middlesex	2,880	708	24.8

Following shows cities where midwives delivered more than 10 per cent. of the births:

City	*Total Births*	*Births Delivered by Midwives*	*Percentage of Births Delivered by Midwives*
Camden	1,737	197	11.
Newark	6,517	716	11.
West New York	474	63	13.
Belleville	402	58	14.
Clifton	653	98	15.
Bayonne	1,168	195	16.
Passaic	691	118	17.
Long Branch	264	47	17.8
Paterson	1,889	344	18.
Linden	375	76	20.
Cliffside Park	203	42	21.
Hoboken	724	162	22.
Lodi	216	56	26.
Elizabeth	1,611	421	26.
Perth Amboy	526	196	37.
Garfield	451	177	39.
South River	164	79	48.
Carteret	137	78	57.

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Supervision

During the year the nine midwives' county associations continued to hold interesting meetings. There were 95 meetings with an attendance of 1,557. In addition, the tenth annual conference was held in Newark with an attendance of 225.

The subjects of lectures and discussions during the year at the meetings were the Emergency Relief Problems, Proper Care of the Eyes of the New-Born, Nutrition in Relation to Child-Birth and Accidents in Pregnancies.

Because of decreased activities among midwives, it was found possible to make more special investigations of their work. The supervisors attended 43 deliveries and early postpartum cases with midwives.

Prenatal Cases

There was an increase of 15 per cent. of prenatal cases reported by midwives. Midwives under supervision of the Department of Health referred 2,343 or 48 per cent. of the total cases delivered by them for prenatal care.

Abnormal Cases

The supervised midwives reported 369 or 7 per cent. of the total cases delivered by them as abnormal. Of these in 324 instances doctors were called in; in 16 instances patients were sent to the hospitals and in 29 instances no doctor was called; thus, in 92 per cent. of the abnormal cases reported by them, the patients were attended by doctors. The 29 cases where no doctors were called represent precipitate deliveries, twins, lacerations, inverted nipples and difficulty in nursing.

Maternal Mortality

In 1933 the total number of maternal deaths was 286 whereas in 1932 it was 352, making a decrease of 66 deaths. There is a decrease of 5,143 total births. After careful investigation, it was found that midwives were in attendance at sometime during

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pregnancy, labor or lying-in on 11 of the maternal deaths. Thus, they attended 9.1 of the total live births and 3.8 of the maternal deaths.

Special Investigations

Special investigations were made to determine whether or not midwives were responsible for the abnormal conditions in the following 25 cases:

Puerperal death	10	Stillbirth	6
Infant death	5	Ophthalmia neonatorum	2
Sepsis	2		

No evidence was found that would warrant prosecuting the midwives for neglect or incompetence.

During the year 1933 midwives reported five cases of congenital deformities immediately after the birth of the babies to the State Crippled Children Commission.

Emergency Relief

During the year definite arrangements were made by the State Emergency Relief Administration to have licensed, supervised midwives care for patients who desired midwives and who had had midwives at previous deliveries at a fee of $10.00 per case. Details of the plan were worked out through the State Emergency Relief with the County Emergency Relief directors.

It has resulted in many instances in keeping midwives self-supporting whereas they might have been without any work at all and dependant on their families or possibly the Emergency Relief Administration.

There has been splendid co-operation from the Emergency Relief centers and many midwives are grateful for their help.

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Prosecutions

Five cases against midwives were heard by the State Board of Medical Examiners with the following result:

Licenses revoked for practice of criminal abortion	2
Reprimand for failure to call doctor on abnormal case	1
Case pending for practice of medicine without license	1
Case pending for practice of midwifery without license	1

Maternity Homes

During the year 1933 there were 29 applicants for license to conduct maternity homes with the following results:

Number new maternity homes licensed	2
Number maternity homes relicensed	26
Number maternity homes rejected for license	1

It has always been the purpose of the Department to restrict these homes to the care of a small number of cases. Excepting two homes, they have been licensed to care for one to four patients. In the two instances where maternity homes are conducted by well qualified graduate nurses, they have been licensed to care for eleven and fifteen patients.

Licensed maternity homes were conducted as follows:

By graduate nurses	5
By practical nurses	20
By licensed, supervised midwives	3

The total number of cases cared for in the above maternity homes during 1933 was 297. Of these cases none resulted in maternal deaths. There was one infant death and three stillbirths. In each instance, these cases were investigated.

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NEW JERSEY STATE DEPARTMENT HEALTH-BUREAU CHILD HYGIENE

ILLEGITIMATE BIRTHS FOR THE YEAR 1933 BY COUNTY OF BIRTH

County	Illeg. Births	Ages under 16		Ages 16 to 21		Ages 21 to 35		Ages over 35		Age Father Unknown	White	Colored
		Mother	Father	Mother	Father	Mother	Father	Mother	Father			
Atlantic	93	4	...	51	20	33	58	5	9	6	40	53
Bergen	46	2	...	25	5	17	24	2	2	15	29	17
Burlington (1 twins)	56	3	...	30	5	18	32	4	6	12	45	11
Camden (1 twins)	95	5	2	52	20	31	46	6	7	19	53	42
Cape May	10	4	...	6	...	...	4	...	2	4	4	6
Cumberland (1 twins)	46	2	...	26	5	13	14	4	3	23	31	15
Essex (1 twins)	232	14	...	133	4	79	26	5	3	198	126	106
Gloucester	24	3	...	15	7	6	11	...	1	5	13	11
Hudson	151	9	...	77	...	57	5	8	2	144	138	13
Hunterdon	26	...	...	9	3	17	11	1	5	7	23	3
Mercer	120	14	...	72	16	31	43	3	3	58	77	43
Middlesex	38	...	...	22	1	15	17	1	1	19	34	4
Monmouth	56	4	...	35	8	13	17	2	5	26	30	26
Morris	18	3	...	10	3	5	6	...	2	7	13	5
Ocean	13	...	...	11	...	2	6	...	1	6	11	2
Passaic	80	3	...	44	9	31	36	2	5	30	69	11
Salem	42	2	1	24	5	13	29	3	3	4	16	26
Somerset	18	2	...	10	2	6	5	...	1	10	16	2
Sussex	14	1	...	7	2	5	7	1	2	3	14	...
Union	73	2	1	38	4	32	37	1	6	25	45	28
Warren (1 twins)	21	3	...	8	1	7	10	2	2	7	18	3
Totals	1,272	80	4	705	120	433	444	49	71	628	845	427

Of the 1,267 putative fathers, whose addresses were given, 67 were from out of State.
Of the 1,267 mothers, 11 were out of State residents.
Of the 120 born in Mercer County, 33 mothers were non-residents of the county.
Of the 26 born in Hunterdon County, 9 were non-residents of the county.
These two counties are mentioned because there are more non-resident mothers in proportion to births than other counties due to cases at the State Home for Girls at Trenton and the Clinton Farms in Hunterdon County.

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Report of the Bureau of Venereal Disease Control

For the Year Ending June 30, 1934

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

In the annual report for the preceding year attention was directed to the importance of the new law in relation to venereal disease control. It has now been in force for over a year and has justified all the expectations held out for it. Physicians no longer have to be tied down to an outmoded definition of infectiousness, but are free to consider clinical symptoms and other tests in forming diagnoses of the infectiousness of syphilis and gonorrhea. Health officers have very definite assurance that the law is behind them when they designate limits of isolation for sufferers from gonorrhea and syphilis. The physician and the local health executive together bear the brunt of the remedial side of the control of venereal disease and the new law supports them in their efforts. It has, in fact, received commendation from venereal disease control officials in other states.

Some statistics mean little, and others are difficult to interpret as a gauge of efficiency in the control of the venereal diseases. To illustrate, one source of infection may be a prostitute who has infected a dozen men with syphilis, and the next may be a mother who, after acquiring syphilis from her husband, has passed it on to her child. One lecture may be given to a thousand young men in a C.C.C. camp and one may be given to a small audience of elderly ladies. Each case statistically counts for a unit but the units have different values.

The statistics are given, but the reader must be careful in his interpretation. A decrease in reported cases of venereal disease might not mean a decreased prevalence. An increase might mean only increased activity of the Bureau in stimulating physicians to report all their cases.

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Cases Reported

Number of cases of venereal disease reported to the State Department of Health, for the twelve months ending June 30, 1931, 1932, 1933 and 1934:

	1931	1932	1933	1934
Chancroid	57	54	39	79
Gonorrhea	4,175	4,088	3,734	3,272
Syphilis	7,591	7,911	7,007	7,125
Total	11,823	12,053	10,780	10,476

The table below gives the reported cases in New Jersey by county, disease and sex for the calendar year of 1933, together with the yearly rate per thousand:

	Gonorrhea		*Syphilis*		*Chancroid*			*Popu-*	*Rate*
County	*M*	*F*	*M*	*F*	*M*	*F*	*Total*	*lation*	*Per M*
Atlantic	304	41	301	348	0	0	994	137,794	7.214
Bergen	103	45	151	145	0	0	444	413,893	1.073
Burlington	58	14	72	70	2	0	216	97,272	2.221
Camden	100	56	223	184	1	1	565	271,909	2.078
Cape May	24	4	30	12	1	0	71	32,665	2.174
Cumberland	71	16	34	42	1	0	164	72,605	2.259
Essex	1,355	218	1,680	1,763	44	6	5,066	891,038	5.686
Gloucester	11	8	18	11	0	1	49	77,962	.629
Hudson	42	9	40	38	1	0	*130	710,253	.183
Hunterdon	24	6	11	42	0	0	83	35,313	2.350
Mercer	211	58	275	152	2	0	698	195,788	3.565
Middlesex	76	21	111	90	0	0	298	228,022	1.307
Monmouth	68	19	146	111	3	0	347	160,615	2.160
Morris	68	15	41	29	1	0	154	119,243	1.291
Ocean	26	4	26	17	1	0	74	36,530	2.026
Passaic	203	69	167	119	0	0	558	315,750	1.767
Salem	42	6	65	49	0	1	163	36,918	4.415
Somerset	41	10	36	6	0	0	93	70,566	1.318
Sussex	10	2	15	3	1	0	31	28,756	1.078
Union	76	20	92	128	1	0	317	338,518	.936
Warren	4	1	10	9	0	0	24	50,671	.474
Total	2,917	642	3,544	3,368	59	9	10,539	4,322,082	2,438

* Does not include cases from Hudson County Laboratory.

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This is a falling off as compared with the preceding year when 11,110 cases were reported. This cannot, however, be regarded as an accurate picture of the prevalence of venereal disease in New Jersey. So long as the cases of gonorrhea are only about half the number of cases of syphilis, instead of over four times as many, no dependence at all can be placed upon the gonorrhea figure. The syphilis cases are far more apt to be accurate and are practically the same as for the year 1932.

CLINIC PATIENTS AND TREATMENTS FOR FISCAL YEARS 1931, 1932, 1933 AND 1934

Patients	1931	1932	1933	1934
Syphilis	4,153	4,309	4,810	4,663
Gonorrhea	2,242	2,383	2,638	2,381
Total	6,395	6,782	7,448	7,044
Treatments				
Syphilis	108,887	161,231	187,654	202,528
Gonorrhea	27,109	35,841	49,460	41,542
Total	135,996	197,072	237,114	244,070

The proportion of clinic patients to private patients is essentially the same as in the preceding fiscal year. Then out of every hundred 67 patients reported were from the clinics and 33 under the care of private practitioners. For the fiscal year 1934 just completed, out of 1,000 patients 678 attended clinics and 322 were receiving private treatment. It will be extremely interesting to note if the same ratio holds out during the coming year.

ANALYSIS OF SOURCES OF INFECTION

The following table classifies the sources of infection that were reported to the State Department of Health for the fiscal years ending June 30, 1932, 1933 and 1934:

	1932	1933	1934
Professional prostitutes and brothels	40	22	35
Clandestine prostitutes	229	222	245
Husband or wife	185	170	207
Congenital	136	376	344
Miscellaneous	...	7	5
Total	590	797	836

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Action Taken on Suspected Sources of Infection

During the past fiscal year 226 cases of persons reported as being the probable sources of infection have been referred to local health executives for investigation. This is an increase of 21 over the preceding year and five less than for the year ending 1932.

	1932	1933	1934
Under supervised medical treatment	61	59	59
Unable to locate the person named	55	42	51
Examined but found presumably non-infectious	43	34	48
Other acceptable disposition (agreed to take treatment, etc.)	11	23	21
Disposition unknown, or unsatisfactory (evaded supervision by moving, etc.)	7	3	7
Referred to health officials in other states	33	25	24
Handled by police authorities	7	3	3
No response from local health authorities	14	16	13
Total	231	205	226

It is not necessary to refer all suspected sources to the local health executive. In fact this is done only when no other course is possible. It will readily be understood that it is not desirable to report to the health officer a suspected source who is the husband or wife and who is living with the informing patient. This is a matter to be handled by the attending physician. Neither is it desirable to report the mother of a congenital syphilitic to the health officer. Here again the attending physician is the proper one to handle the case.

A case of gonorrhea was reported, contracted from a prostitute in a "tavern". The health officer was interested, and he interested a police official. The "tavern" was investigated. The girl was well known but the proprietor averred she had not been around recently! The tavern had the appearance of being a "hot bed of prostitution". A short time later application was made for renewal of the liquor license, but—the report from the Bureau and the report of the police was presented. The license was revoked.

The spirit of co-operation extended by practically all local health executives in locating suspected sources is most commendable. Of the 226 cases it will be noted that only 13 elicited no response

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from the local authority, 59 were placed under treatment, 21 agreed to take treatment, 48 were negative on the subsequent test. Many of these latter were women suspected of being infected with gonorrhea. The laboratory examination is usually negative in cases of chronic gonorrhea and these are the common sources of infection. Considering the tendency to give fictitious names and addresses to attending physicians, 51 is a comparatively low number of the cases that could not be located.

The Bureau again expresses its sense of obligation to the many health officers who have helped to make this enviable record, and to say again that the Bureau whenever possible is glad to make available the services of an expert investigator.

Changes in Clinics and Co-operating Physicians

During the past fiscal year new clinics have been opened in the North Hudson Hospital in Union City, and a county clinic for Atlantic County in Mays Landing. There are now thirty-five clinics.

Dr. James of Dover is no longer a co-operating physician, but Dr. J. P. Kuhl of Butler and Dr. Charles P. Bailey of Lakewood have been added to the list, so there are now thirty-seven in the State of New Jersey.

Parts of the State, especially in the rural sections, are not in close touch with clinic facilities, nor are there co-operating physicians nearby. To take care of this contingency the Bureau of Venereal Disease Control will supply the necessary drugs to any physician who enters into agreement, temporary or otherwise, to treat an indigent person suffering from gonorrhea or syphilis in an infectious stage, but the fees for treatment must be arranged for locally. The medical consultant of this Bureau is always ready to give free consultant service to physicians who may find such service useful. In any case of a suit being brought against a physician for a practically unavoidable neoarsphenamine or treatment calamity, the medical consultant will be glad to assist the defendant with expert testimony. The 1933 list of treatment facilities included the names of those physicians treating and reporting a minimum of three a year. The list of treatment

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facilities including names of physicians treating private cases was received most favorably last year, upon its appearance in the summer of 1933. In all, three hundred qualified for this list of the more expert venereologists. Such a list should be issued biennially.

Venereal Disease Workers' Conference

The value of occasional conferences of social workers engaged in venereal disease control work in New Jersey clinics is obvious. In December of 1931 the Bureau called such a conference in Elizabeth and for the convenience of social workers it was held in connection with the New Jersey State Conference of Social Workers, thus affording the opportunity to attend both conferences. It was so successful that it was decided to have conferences annually. In 1932 one was held at the State House in Trenton and in 1933 it took the form of a luncheon at the Berkeley-Carteret Hotel in Asbury Park, on Friday, December 8th. Although special invitations are sent to social workers of all venereal disease clinics, other persons are made welcome also and the topic chosen for the discussion is something closely related to the social workers' interest in the venereal diseases. A good attendance is thus easily assured, for the need for much of the work done by social workers is based upon the existence of the venereal diseases.

The question and answer form of discussion is also resorted to. The "link-up" with the State Conference is deemed most important. Usually the conference will be a luncheon at a time affording opportunity for one to attend without missing any other important feature of the State meeting.

Public Health Course

As is customary the chief of the Bureau gave two lectures on the venereal diseases to the senior class of the public health course at Rutgers. The first lecture dealt with the duties of a health officer with reference to handling cases and suspected cases of gonorrhea and syphilis. His second lecture was devoted to the educational side of the control work, and which is a large feature of the Bureau's activities.

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Treatment

The Bureau continues to recommend and supply the most practical drugs for treatment: neoarsphenamine and bismuth subsalicylate. Neoarsphenamine has always been supplied rather than old arsphenamine because it is simpler to give and its advantages outweigh any possible greater efficacy of the older drug which most physicians find impracticable for them to prepare and give, because of the complicated technique. Bismuth subsalicylate in oil has always been favored by this Bureau because it is practically painless, unlike the majority of other bismuth compounds. Many bismuth compounds are advertised as painless, but the physician usually finds this claim to be untrue. We now require all bismuth purchased to be made up to our own formula to contain 0.2 gm. metallic bismuth per c.c. This is the quantity, 0.2 gm. metallic bismuth, which fits the usual weekly administration. Twenty cubic centimeters, containing 4 gm. metallic bismuth in the form of bismuth subsalicylate, furnishes sufficient bismuth for the usual adult for a year of treatment. Mercury has not been supplied for some years, because it is painful and less efficacious than bismuth. Bismuth does all that mercury can do, and quite a bit more. Iodides are advised by the Bureau in all stages of syphilis, but are not supplied because of their bulk and their relative cheapness as compared with the other drugs.

To make an equitable distribution of our limited supplies of drugs is always a problem. The Emergency Relief Commission does not sanction the supplying of drugs or the paying of a physician's fee in a case of venereal disease. Yet there is nothing so important to the health of a community as that an infectious case should be made non-infectious as rapidly as possible. The problem of the indigent, infectious patient on relief was met not by the E. R. A., but by this Bureau, by supplying neoarsphenamine and bismuth subsalicylate to physicians treating such patients. Drugs are supplied to physicians if the physician does not receive for his treatment more than $2.00 per week or per visit. The Bureau does not guarantee the physician's fee, but sometimes the local health department pays the physician in indigent cases.

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The past few years have severely taxed the resources of many of the venereal disease clinics, and they gladly received emergency supplies of neoarsphenamine and bismuth and minor equipment. It is uncertain how long the Bureau may be able to extend this help, for it is in turn governed by budgetary limitations imposed by the Legislature. Nevertheless there must be no uncertainty in the prompt supplying of drugs which will render a sufferer non-infectious when it is in any way possible.

In accordance with our custom we have supplied 282 physicians with neoarsphenamine and bismuth subsalicylate free for reporting the names and addresses of the probable sources of syphilitic infections. From January 1, 1934, to June 30, 1934, supplies were sent to 212 physicians who were treating indigent, infectious patients suffering from gonorrhea or syphilis. These physicians were treating patients for a maximum fee of $2.00 per treatment or per week. The payment of this fee was entirely a matter between the physician and the patient or the local health authorities. No fees to physicians are paid by this Bureau.

C.C.C.

The Federal Government selected Camp Dix as the receiving station to which all C.C.C. applicants in the 2nd Corps Area should be sent for conditioning. These fifty thousand young men are certain to create a venereal disease problem.

There has been the utmost co-operation between the Bureau and Camp Dix in seeking to control venereal disease perils. The Commanding General has been insistent that everyone enrolled into the C.C.C. at Camp Dix hear a lecture on venereal diseases given by the Supervisor of Social Hygiene Education. The lecturer is most successful, being able to speak the same language as his hearers, and questions without end are promptly and emphatically answered. Throughout the speaker's lectures runs his insistent note that anyone believing himself to be infected should go immediately to the best physician available and put himself absolutely under the doctor's orders. At present anyone acquiring a venereal disease while in the service of the C.C.C. is treated until non-infectious, when he is discharged.

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Formerly one acquiring a venereal disease was discharged at the camp where he was stationed, and notice of the action was sent to the Department of Health of the state wherein the man resided.

Under this regulation this Bureau received notice of the discharge of 77 men for having acquired a venereal disease. The information was duly passed on to the local health executive of the community where the man resided with a request to investigate if the man should return home as he usually did. Fifty-three were placed under treatment by the local health officer. Six could not be located; and in 13 cases no reply was received from the local health officer, in most cases due to inability to locate the man. Three men upon second examination were found to be negative, and two had chancroid and were not followed up. This co-operation between the Federal Government and the State Department of Health was certainly whole-hearted and produced real results.

Now the C.C.C. regulation has been changed and if one contracts a venereal disease while stationed in the Second Corps Area he is sent to the hospital at Camp Dix for treatment until non-infectious when he is discharged.

Investigation

The investigational work has been highly successful. Rural and small town health executives are entirely at sea with regard to handling the case of an infected prostitute and are inclined to push it to one side as a police case. The Bureau looks at the matter purely from the health angle and intends to have the offender receive treatment rather than legal punishment. When the perplexed health officer calls on the Bureau for assistance the investigator interviews the girl and when she realizes that health is the prime factor she talks freely, usually involving herself. It is very easy when this step has been reached to persuade her to plead guilty to prostitution, waive a Grand Jury hearing so she may be sent at once on an indeterminate sentence to Clinton Farms, where excellent treatment will be given to her, and in fact, a new world opened to her. Within the last fiscal year five girls have thus been sent to Clinton and all are now under treatment.

So far all the girls have been old enough to be committed to Clinton.

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Educational

The largest number of addresses during the past fiscal year have been given to the C.C.C., and all but three of these were at Camp Dix; 123 lectures covering 35,000 men. The Commanding General has been unstinted in his praise of the lectures, and has asked to have them given to the regular army men as well as in the C.M.T.C. The innovation started two years ago of offering a series of lectures to student nurses has been continued, as there was an openly manifested desire on the part of the hospital authorities for the nurses to obtain the public health point of view of gonorrhea and syphilis, as well as the medical. The parent-teacher associations extended many invitations to have addresses given to them and the men's civic clubs, also in large numbers, asked for more talks on social hygiene. Four new high schools were added to the number having the sex hygiene lectures to girls and boys separately.

The Bureau has distributed free pamphlets on sex education issued by the Federal Government. However, the one for adolescent girls was very inferior and used almost under protest. The representative of the Bureau who gives the lectures to adolescent girls and to mothers prepared a book for girls in their teens called "To Womanhood" giving the Bureau the privilege of using it. It has met with much satisfaction. The first edition of 10,000 has been exhausted and a second edition is now in course of distribution. Two states asked the privilege of using it for their own growing girls.

Teaching sex hygiene in the school has always been a sincerely controversial subject, but whether one believes in it or not one thing is certain: there is a demand that teachers be well-grounded in the elements of sex education, equipped to handle such problems as might be thrust upon them. To that end the Bureau has stimulated and fostered the installation of an extension course in Newark by New York University where those successfully completing the course were allowed two credits toward a degree. A similar course in Camden, accredited by the Temple University of Philadelphia, has the Bureau's endorsement. It is expected that these two courses will be offered each year.

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

1933-34	Men Only		Women Only		Men & Women Together		Students		Totals	
	No. Meet.	Attend-ance.	No. Meet.	Attend-ance.	No. Meet.	Attend-ance.	No. Meet.	Attend-ance.	No. Meet.	Attend-ance.
July	5	1,115	..	..	..	..	..	..	5	1,115
August	7	194	..	..	..	..	..	..	7	194
September ..	2	55	3	360	..	..	..	..	5	415
October	13	2,553	19	715	3	550	9	1,672	44	5,490
November ..	100	19,050	26	1,350	6	550	8	1,835	140	22,785
December ...	2	70	7	260	5	270	25	4,227	39	4,827
January	2	59	30	1,201	9	642	8	1,665	49	3,567
February ...	3	253	18	1,181	..	..	29	2,447	50	3,881
March	12	467	28	1,353	1	75	14	1,645	55	3,540
April	12	9,633	19	883	16	887	4	775	51	12,178
May	5	4,270	11	311	5	270	8	2,780	29	7,631
June	6	742	1	50	..	..	1	12	8	804
Totals ...	169	38,461	162	7,664	45	3,244	106	17,058	482	66,427

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Groups Addressed

During the fiscal year meetings have been held as follows:

Name of Group	*Number of Meetings*	*Attendance*
Civilian Conservation Corps	123	35,000
Parent-Teacher Associations	115	6,930
Children of high school age	102	16,498
Nurses	44	1,643
Rotary Clubs	18	665
Teachers	11	450
Kiwanis Clubs	9	294
Women's Clubs	7	255
Colored Groups	5	230
Mothers	5	199
Y. W. C. A. girls	5	165
National Guard and Regular Army	4	1,650
Film Exhibitions only	4	430
Lions Clubs	4	118
Jewish Women groups	4	111
Study Groups	3	105
American Legion Auxiliary	2	370
Medical Societies	2	170
Junior Order United American Mechanics	2	130
League of Women Voters	2	130
Woman's Auxiliary Medical Societies	2	65
Bergen County Association Social Agencies	2	45
Public Health Course	2	4
Reformatory Inmates	1	600
Clinic Social Workers	1	75
Men and Women Temple University	1	35
Pinear Club	1	30
Truckmen	1	30
Total	482	66,427

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

	Number of Meetings	*Attendance*	*Pamphlets Distributed*
1920	376	72,192	353,873
1921	255	28,912	84,389
1922	232	28,111	120,032
1923	229	30,058	65,668
1924	300	41,629	49,560
1925	334	39,415	45,000
1926	357	38,923	50,000
1927	307	35,095	89,354
1928	308	28,624	38,146
1929	285	28,151	30,589
1930	388	37,954	49,502
1931	421	31,316	52,778
1932	327	25,276	27,279
1933	508	70,356	18,578
1934	482	66,427	24,441
	5,109	602,339	1,099,189

Recommendation

Some classes of patients suffering from gonorrhea or syphilis are no trouble at all to the health official; for example, intelligent men who have the means will place themselves under the care of a physician and follow all instructions implicitly. Those who are confined in penal institutions or State hospitals are required to take treatment. Those who are in touch with clinics are cared for but there are others who because they have neither money nor criminal records are at a disadvantage, e.g. the child of needy parents with congenital syphilis, the indiscreet girl not a professional prostitute, the man or woman without funds, who wants treatment, but owing to removals has not acquired a definite residence in New Jersey. These are the ones who need treatment facilities. The Bureau does not advocate building a new expensive State hospital, but it does believe that State, county, and municipal institutions with an abundance of physicians, nurses and treatment facilities should be opened, in so far as possible, to patients who cannot obtain treatment elsewhere.

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Report of the Bureau of Public Health Education

For the Year Ending June 30, 1934

EDWIN C. LANIGAN, CHIEF

Educational activities of the Department centered in this Bureau during the past fiscal year. They consisted of dissemination of information through the medium of the public press, magazines and exhibits. Again the press of the State was responsive to material furnished by the Bureau and health topics were discussed in the magazine of the New Jersey League of Municipalities and the Journal of the Medical Society.

Resumption of the Public Health News in July of 1933 was due to the appropriation of funds by the Legislature on recommendation of the survey of the State government by Princeton University.

Emphasis was placed during the year by the Bureau upon the Department's activities, its legislative program and subjects pertaining to the public health, urging the public to consult physicians for treatment of maladies.

Public health education was championed by His Excellency, Governor A. Harry Moore in his annual message to the 1934 Legislature. The message contrasted New Jersey's expenditures for custodial care—to correct health and dependency conditions which ought never to have occurred—with important work accomplished by the State Department of Health in maintaining health standards. The Executive message advocated substitution of preventative health programs for institutional care and cure.

More general health education was the antidote prescribed; insisting there should be more and better health work; a more determined attack upon disease, insanitation and unwholesome

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social conditions; invoking aggressive preventative measures to the greatest extent to reduce custodial care.

New Jersey's interest in the Public Works Administration recovery program was emphasized at the meeting of the New Jersey Health and Sanitary Association in Atlantic City, November 24, 1933. Dr. J. Lynn Mahaffey, director, stressed the proposed $40,000,000 municipal sanitation improvement program, prepared by the State Department of Health, for new and additions to existing sewage and water treatment plants in New Jersey. Reaction to the Department's program was favorable, gaining comment of national administration officials for completeness of its data for Federal aid for New Jersey municipalities.

Informational material was distributed by the Bureau in support of the legislative bills for State regulation of public swimming pools and baths, better supervision of the shellfish industry, enforcement of the pure food and drug laws for detection of adulteration and misbranding of beverages legalized by repeal of the Eighteenth Amendment, and proposed pensions for indigent typhoid fever carriers.

The Bureau completed the first year's enforcement of the Barber License Law of 1933. Enrollment of barbers under the law progressed during the year. In the first year of operation 8,536 registered barbers were licensed; 2,081 temporary permits pending examination were granted and 686 apprentices licensed. Examinations were held by the examiners in every county of the State.

Receipts of the Bureau from licensing of barbers for the fiscal year were $64,731.10 and administrative expenses $20,000 fixed by statute. The balance was turned over to the State Treasury.

The statute provides for the appointment of three examiners, according to Chapter 175 of the Laws of 1933. Civil service inspectors served during part of the year.

A sincere effort was made by the Bureau to enforce the rules and regulations of the Department respecting the sanitation of shops subject to the law.

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Report of the Bureau of Vital Statistics

For the Calendar Year 1933

DAVID S. SOUTH, STATE REGISTRAR

The Bureau, which was established in 1878, has the custody of more than seven million records of births, marriages and deaths which date back to 1848. In 1933 more than 11,000 searches were made and copies of the records found issued, for which $6,759 were received and paid to the State Treasurer. Approximately 4,000 of the copies were issued to widows, veterans and veterans' organizations for compensation and other pension purposes; for children to enter school or procure employment; for enlistment in the Army or Navy of the United States, for all of which purposes no charge is made.

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

During the year 1933, the Bureau received, examined, classified, indexed and permanently filed more than 130,000 certificates of births, marriages and deaths, part of which records were for unreported events which occurred in past years. The annual growth of the records requires approximately two hundred cubic feet of storage space.

Persistent efforts to obtain suitable basement storage for the records were successful. The Bureau was assigned seven basement rooms having ample room for the records to be arranged in good order and with allowance for twenty years of growth. Sufficient light and air is available for the three full time vault workers and the many persons who consult the records daily.

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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	1933
Births registered, tabulated and indexed	76,431	68,282	56,072
Marriages registered, tabulated and indexed ..	31,327	28,499	24,453
Deaths registered, tabulated and indexed	40,820	43,190	43,380
Stillbirths registered, tabulated and indexed ..	3,221	2,647	2,073
Total records registered, tabulated and permanently filed	151,799	142,618	125,978
Searches made and certified copies issued for which fees were received	4,664	10,523	7,751
Certified copies issued and searches made in pension and other cases for which no fees were received	4,232	6,938	4,009
Fees returned to State Treasurer for searches and certified copies	$4,051	$9,601	$6,759

CHARTS AND TABLES, 1933

Table 1. Births, marriages and deaths reported, with rates, 1879-1933.

Table 1a. 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: 1933.

Chart 1. Total deaths per 1,000 population for 55 years.

Table 3. Deaths of infants under five years of age and percentage of total deaths, 1904-1933.

Chart 2. Deaths under five years of age per 10,000 population for 55 years.

Table 4. Number of births, stillbirths, deaths under one month, deaths under one year and maternal deaths with rates per 1,000 live births, 1906-1933.

Table 5. Deaths under one year, deaths under one month, stillbirths and maternal deaths per 1,000 live births, by counties.

Table 6. Deaths under one year, deaths under one month, stillbirths and maternal deaths per 1,000 live births in the ten largest cities of New Jersey.

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Table 7. Births, birth rates, deaths under one year and infant mortality rates, by counties.

Chart 3. Deaths from typhoid fever per 10,000 population for 55 years.

Table 8. Comparison between typhoid fever death rates in New Jersey and the United States Registration Area, 1923-1932.

Table 9. Typhoid fever in urban and rural districts.

Table 10. Typhoid fever rates in the counties of New Jersey, 1924, 1933.

Chart 4. Deaths from scarlet fever per 10,000 population for 55 years.

Chart 5. Deaths from diphtheria per 10,000 population for 55 years.

Table 11. Average annual death rates from all causes and from tuberculosis of lungs, per 10,000 inhabitants, by counties for 55 years, with rates for 1933.

Chart 6. Deaths from tuberculosis of lungs per 10,000 population for 55 years.

Table 12. Cancer and other malignant tumors by sex, age periods and organs affected.

Chart 7. Deaths from cancer and other malignant tumors, per 10,000 population for 55 years.

Table 13. Suicide by sex, age periods and means employed.

Table 14. Percentage of the various causes of total deaths and each sex of total.

Table 15. Death rates, total, white and colored, from important causes, per 100,000 total, white and colored population.

Table 16. Deaths (exclusive of stillbirths) by causes and months of death.

Table 17. Deaths (exclusive of stillbirths) from each cause of the Abridged International List, by age, sex, and color.

Table 18. Deaths (exclusive of stillbirths) by causes, by days, weeks and months of the first year of life.

Table 19. Deaths (exclusive of stillbirths) under one year of age, by causes and months of death.

Table 20. Deaths from each cause, Detailed International List, in the counties of New Jersey and selected municipalities of 5,000 or more inhabitants in 1930.

Table 21. Deaths by occupations, age groups and certain selected causes.

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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

Bergen County—
Englewood
Garfield
Hackensack
Rutherford

Burlington County—
Burlington City

Camden County—
Camden City
Gloucester

Cape May County—

Cumberland County—
Bridgeton
Millville

Essex County—
Belleville
Bloomfield
East Orange
Irvington
Montclair
Newark

Essex County (con.)—
Nutley
Orange
South Orange
West Orange

Gloucester County—

Hudson County—
Bayonne
Harrison
Hoboken
Jersey City
Kearny
Union City
West New York

Hunterdon County—

Mercer County—
Trenton

Middlesex County—
New Brunswick
Perth Amboy

Monmouth County—
Asbury Park
Long Branch
Red Bank

Morris County—
Dover
Morristown

Ocean County—

Passaic County—
Clifton
Passaic City
Paterson

Salem County—

Somerset County—

Sussex County—

Union County—
Elizabeth
Linden
Plainfield
Rahway
Summit
Westfield

Warren County—
Phillipsburg

Population—The estimated mid-year population of the State for 1933 was 4,322,082. These figures were obtained by the arithmetical method, using the United States census figures for 1920 and 1930. The estimated population of the counties and incorporated municipalities of the State having 10,000 or more inhabitants in 1930 appears at the foot of the mortality tables for the places.

Births—The number of births for 1933 was 56,072 which was equivalent to a rate of 12.9 per 1,000 population, which was the lowest birth rate recorded. Total births reported decreased more than 5,000 from the number for the previous year. The low

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figure for 1933 is a continuance of the decline in evidence since 1917 when the rate was 24.9.

Marriages—The number of persons married during 1933, per thousand of population, was 11.3. The rate showed a slight improvement over the 1932 figure of 10.7, which rate was the lowest since marriage statistics were first compiled in 1879. The ease and rapidity with which marriage licenses can be secured in certain adjacent States materially affect the New Jersey rate. Economic conditions were also a considerable factor and were undoubtedly partly responsible for the gradual decline which has occurred in the marriage rate during the past ten years. The number of marriages by months follow:

NEW JERSEY, 1933

January	1,444	August	1,977
February	1,602	September	2,941
March	1,097	October	2,504
April	1,761	November	2,385
May	1,516	December	1,953
June	3,106		
July	2,167	Total	24,453

Deaths—The number of deaths for 1933 was 43,380. The death rate, 10.0 for the year, was the lowest rate since the State Department of Health was established fifty-six years ago. The previous low rate was 10.1 for 1932.

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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	Persons married per 1,000 population	Number of deaths	Death rate per 1,000 population
1879	1,020,584	23,116	22.65	7,096	13.91	20,440	20.03
1880	1,130,892	23,680	20.94	7,963	14.08	18,967	16.77
1881	1,160,275	23,484	20.24	8,109	13.98	20,812	17.94
1882	1,189,658	23,108	19.42	8,837	14.86	25,959	21.82
1883	1,209,048	24,430	20.21	9,166	15.16	23,310	19.28
1884	1,248,224	25,263	20.20	8,968	14.37	21,716	17.40
1885	1,278,033	24,077	18.84	8,989	14.07	23,807	18.63
1886	1,310,431	25,497	19.46	12,351	18.85	22,734	17.35
1887	1,342,829	27,340	20.36	15,416	22.96	24,331	18.12
1888	1,375,227	28,074	20.41	16,025	23.31	27,173	19.76
1889	1,407,625	29,099	20.67	15,726	22.34	26,543	18.86
1890	1,441,017	30,103	20.89	15,564	21.60	28,530	19.80
1891	1,478,784	28,882	19.53	15,305	20.70	28,840	19.50
1892	1,511,653	30,627	20.26	16,082	21.28	32,685	21.62
1893	1,538,799	32,285	20.98	17,178	22.33	30,596	19.88
1894	1,578,378	33,662	21.33	16,245	20.58	30,004	19.09
1895	1,672,942	31,742	18.97	15,873	18.98	30,634	18.31
1896	1,718,543	31,207	18.16	18,370	21.38	30,767	17.90
1897	1,764,144	31,595	17.91	18,171	20.60	29,822	16.90
1898	1,810,008	32,515	17.96	13,213	14.59	27,337	15.11
1899	1,855,872	29,419	15.84	13,336	14.37	30,999	16.70
1900	1,883,669	32,270	17.13	14,611	15.51	31,474	16.62
1901	1,925,781	34,812	18.08	16,539	17.18	31,739	16.48
1902	1,967,893	35,116	17.84	18,150	18.45	31,319	15.91
1903	2,016,797	37,242	18.47	19,512	19.35	31,820	15.87
1904	2,058,909	38,751	18.82	18,919	18.38	35,298	17.14
1905	2,144,143	39,689	18.51	20,572	19.19	33,864	15.79
1906	2,196,238	42,677	19.43	21,580	19.65	35,670	16.24
1907	2,248,331	44,651	19.86	23,649	21.04	37,408	16.63
1908	2,300,427	47,405	20.61	26,155	22.74	35,597	15.47
1909	2,352,522	47,508	20.19	20,724	25.27	36,359	15.46
1910	2,537,167	53,942	21.26	27,912	22.00	39,494	15.57
1911	2,615,772	58,133	22.22	25,014	19.13	38,612	14.76
1912	2,694,377	60,073	22.30	26,821	19.91	37,772	14.02
1913	2,772,981	61,432	22.15	27,697	19.98	39,425	14.22
1914	2,851,586	65,403	22.94	28,528	20.01	39,967	14.02
1915	2,877,532	66,476	23.10	27,694	19.25	39,435	13.70
1916	2,948,016	70,211	23.82	31,169	21.15	43,376	14.71
1917	3,014,193	75,309	24.98	30,060	19.94	43,532	14.44
1918	3,080,371	74,549	24.20	23,989	15.58	60,852	19.75
1919	3,146,547	70,935	22.54	29,281	18.61	39,979	12.71
1920	3,187,767	76,431	23.97	31,327	19.65	40,820	12.80
1921	3,251,494	78,172	24.04	27,815	17.10	37,362	11.49
1922	3,315,223	74,479	22.46	27,114	16.35	40,086	12.08
1923	3,378,963	74,611	22.08	28,730	17.00	41,294	12.22
1924	3,442,695	76,530	22.22	27,601	16.03	40,531	11.77
1925	3,506,427	74,193	21.15	27,672	15.78	41,749	11.90
1926	3,570,159	72,386	20.27	28,424	15.92	44,396	12.43
1927	3,633,891	72,799	20.03	28,316	15.58	41,562	11.43
1928	3,697,623	70,076	18.95	29,120	15.75	44,555	12.04
1929	3,761,355	68,297	18.15	30,257	16.08	45,746	12.16
1930	4,062,930	68,282	16.80	28,499	14.02	43,190	10.63
1931	4,149,314	64,078	15.44	26,468	12.75	44,135	10.63
1932	4,235,698	61,215	14.45	22,840	10.78	42,826	10.11
1933	4,322,082	56,072	12.97	24,453	11.31	43,380	10.03

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TABLE 1A.—BIRTHS, MARRIAGES, DEATHS AND DEATHS UNDER ONE YEAR OF AGE BY COUNTIES, CITIES, BOROUGHS AND TOWNSHIPS, 1933
(Births and Deaths Corrected as to Residence)

ATLANTIC COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Absecon City	28	10	24	3
Atlantic City	831	474	983	48
Brigantine City	4	...	1	...
Buena Vista Township	73	21	37	3
Corbin City	1	...	1	...
Egg Harbor City	62	40	48	4
Egg Harbor Township	51	15	53	4
Estelle Manor City	5	4	4	...
Folsom Borough	2	...	6	1
Galloway Township	47	6	44	...
Hamilton Township	50	13	35	2
Hammonton Town	104	61	74	1
Linwood City	16	10	26	3
Longport Borough	4	1	2	...
Margate City	36	7	39	1
Mullica Township	24	1	27	1
Northfield City	35	6	23	1
Pleasantville City	198	63	155	12
Port Republic City	3	2	5	...
Somers Point City	22	12	38	1
Ventnor City	48	49	106	2
Weymouth Township	8	2	6	1
Total	1652	797	1737	88

BERGEN COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Allendale Borough	23	4	19	1
Alpine Borough	12	17	7	...
Bergenfield Borough	144	55	69	5
Bogota Borough	65	40	61	1
Carlstadt Borough	69	30	53	2
Cliffside Park Borough	203	80	115	5
Closter Borough	29	7	37	3
Cresskill Borough	29	13	20	...
Demarest Borough	9	8	11	1
Dumont Borough	78	27	52	3
East Paterson Borough	69	21	38	1
East Rutherford Borough	105	41	71	6
Edgewater Borough	52	33	34	2
Emerson Borough	17	5	12	...
Englewood City	235	182	176	11
Englewood Cliffffs Borough	4	2	6	2
Fair Lawn Borough	128	18	54	7
Fairview Borough	130	67	67	2
Fort Lee Borough	124	96	99	7
Franklin Lakes Borough	5	2	10	...
Garfield City	451	142	211	12
Glen Rock Borough	50	16	48	1
Hackensack City	511	198	268	13
Harrington Park Borough	17	4	10	1
Hasbrouck Heights Borough	66	24	70	2
Haworth Borough	5	5	8	...
Hillsdale Borough	43	19	40	3
Hohokus Borough	14	16	9	...
Hohokus Township	47	22	51	4
Leonia Borough	51	36	57	2
Little Ferry Borough	56	30	32	3
Lodi Borough	216	81	86	15
Lodi Township	18	5	11	...
Lyndhurst Township	247	84	160	13
Maywood Borough	43	18	34	3
Midland Park Borough	76	19	37	2
Montvale Borough	15	4	16	2
Moonachie Borough	14	15	9	2
New Milford Borough	26	11	16	...
North Arlington Borough	156	35	70	5

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BERGEN COUNTY—Continued

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Northvale Borough	19	34	10	1
Norwood Borough	11	15	11	...
Oakland Borough	16	3	9	...
Old Tappan Borough	12	...	6	...
Oradell Borough	18	14	24	...
Palisade Park Borough	89	99	76	5
Paramus Borough	27	5	32	...
Park Ridge Borough	26	12	29	2
Ramsey Borough	33	15	29	...
Ridgefield Borough	48	32	39	2
Ridgefield Park Borough	104	55	117	4
Ridgewood Village	96	91	124	4
River Edge Borough	42	12	27	3
Rivervale Township	8	1	10	2
Rochelle Park Township	35	14	20	...
Rockleigh Borough	...	...	...	...
Rutherford Borough	149	75	186	6
Saddle River Borough	6	2	12	...
Saddle River Township	17	8	11	...
Teaneck Township	241	57	143	6
Tenafly Borough	64	42	67	3
Teterboro Borough	...	1	1	1
Upper Saddle River Borough	1	2	3	...
Waldwick Borough	28	6	19	2
Wallington Borough	118	12	71	7
Washington Township	3	...	4	...
Westwood Borough	55	36	61	4
Woodcliffe Lake Borough	9	1	9	...
Woodridge Borough	88	13	56	1
Wyckoff Township	28	9	23	1
Total	4843	2198	3483	196

BURLINGTON COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Bass River Township	5	1	11	...
Beverly City	48	23	35	2
Bordentown City	53	18	67	7
Bordentown Township	11	2	9	...
Burlington City	164	79	146	9
Burlington Township	16	1	17	...
Chester Township	81	22	33	5
Chesterfield Township	12	2	24	1
Cinnaminson Township	18	10	18	1
Delanco Township	38	10	26	1
Delran Township	32	6	21	1
Eastampton Township	3	1	5	...
Edgewater Park Township	14	2	22	1
Evesham Township	36	5	22	...
Fieldsboro Borough	8	1	9	4
Florence Township	102	30	57	3
Hainesport Township	14	4	16	3
Lumberton Township	13	4	7	...
Mansfield Township	27	5	31	...
Medford Township	32	10	26	1
Moorestown Township	86	30	79	7
Mount Holly Township	99	49	123	5
Mount Laurel Township	29	7	21	5
New Hanover Township	21	5	17	3
North Hanover Township	9	3	6	...
Palmyra Borough	78	15	58	4
Pemberton Borough	14	11	18	...
Pemberton Township	23	14	15	1
Riverside Township	116	48	65	6
Riverton Borough	25	23	44	1
Shamong Township	8	1	6	...
Southampton Township	29	7	31	1
Springfield Township	14	3	18	1
Tabernacle Township	6	...	2	...
Washington Township	5	2	7	...
Westampton Township	6	1	8	...
Willingboro Township	5	1	9	1
Woodland Township	13	...	4	...
Wrightstown Borough	9	4	7	1
Total	1322	460	1140	75

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CAMDEN COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Audubon Borough	88	27	78	2
Barrington Borough	35	6	19	1
Bellmawr Borough	21	2	18	2
Berlin Borough	20	14	20	1
Berlin Township	22	8	21	1
Brooklawn Borough	34	2	15	...
Camden City	1737	783	1342	111
Chesilhurst Borough	1	2	...	...
Clementon Borough	41	12	46	5
Collingswood Borough	118	49	128	3
Delaware Township	57	7	44	4
Gibbsboro Borough	13	5	12	1
Gloucester City	187	61	157	15
Gloucester Township	71	28	67	2
Haddonfield Borough	88	39	115	6
Haddon Heights Borough	46	47	57	1
Haddon Township	64	16	65	1
HiNella Borough	...	...	2	...
Laurel Springs Borough	20	7	20	1
Lawnside Borough	18	9	19	3
Lindenwold Borough	32	16	29	4
Magnolia Borough	18	9	19	...
Merchantville Borough	105	35	80	4
Mount Ephraim Borough	35	24	17	...
Oaklyn Borough	54	11	31	1
Pennsauken Township	177	40	149	14
Pine Hill Borough	18	3	11	1
Pine Valley Borough	...	...	...	...
Runnemede Borough	49	16	32	4
Somerdale Borough	21	9	8	2
Stratford Borough	12	4	21	3
Tavistock Borough	...	...	...	...
Voorhees Township	12	5	9	...
Waterford Township	44	7	24	2
Winslow Township	65	9	47	4
Woodlynne Borough	31	6	31	...
Total	3354	1318	2753	199

CAPE MAY COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Avalon Borough	7	5	7	...
Cape May City	42	21	49	2
Cape May Point Borough	1	2	2	...
Dennis Township	34	7	16	...
Lower Township	23	7	22	1
Middle Township	53	21	61	3
North Cape May Borough	...	...	...	...
North Wildwood City	31	6	30	1
Ocean City	85	42	71	3
Sea Isle City	11	10	11	...
South Cape May Borough	...	1	...	...
Stone Harbor Borough	9	2	7	1
Upper Township	17	15	23	...
West Cape May Borough	11	2	12	...
West Wildwood City	2	...	7	...
Wildwood City	75	65	75	3
Wildwood Crest Borough	8	3	6	...
Woodbine Borough	18	4	14	1
Total	427	213	413	15

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CUMBERLAND COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Bridgeton City	246	120	202	12
Commercial Township	48	12	35	2
Deerfield Township	25	4	18	2
Downe Township	18	3	25	2
Fairfield Township	37	13	26	2
Greenwich Township	14	1	10	...
Hopewell Township	21	2	17	...
Landis Township	159	87	141	5
Lawrence Township	35	2	28	1
Maurice River Township	21	14	28	...
Millville City	241	82	183	9
Shiloh Borough	6	...	7	2
Stow Creek Township	11	1	6	...
Upper Deerfield Township	23	11	21	2
Vineland Borough	120	46	95	3
Total	1025	398	842	42

ESSEX COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Belleville Town	402	116	257	18
Bloomfield Town	580	193	356	12
Caldwell Borough	75	47	84	3
Caldwell Township	10	4	11	...
Cedar Grove Township	24	5	31	3
East Orange City	802	297	718	28
Essex Fells Borough	19	8	14	2
Glen Ridge Borough	57	32	62	3
Irvington Town	759	190	490	23
Livingston Township	49	9	33	2
Maplewood Township	273	77	207	5
Millburn Township	108	43	85	5
Montclair Town	463	218	461	18
Newark City	6517	3495	4958	314
North Caldwell Borough	4	1	9	...
Nutley Town	288	112	165	13
Orange City	545	290	361	27
Roseland Borough	21	2	14	1
South Orange Village	125	62	153	1
Verona Borough	108	31	76	5
West Caldwell Borough	41	9	29	2
West Orange Town	333	110	261	14
Total	11603	5351	8835	499

GLOUCESTER COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Clayton Borough	33	18	41	2
Deptford Township	65	14	42	4
East Greenwich Township	25	14	19	1
Elk Township	24	6	15	3
Franklin Township	38	10	35	2
Glassboro Borough	63	24	46	6
Greenwich Township	47	7	14	1
Harrison Township	16	13	21	1
Logan Township	24	2	21	...
Mantua Township	53	10	30	1
Monroe Township	65	20	62	3
National Park Borough	38	15	27	1
Newfield Borough	16	4	17	1
Paulsboro Borough	121	37	80	8
Pitman Borough	50	19	70	2
South Harrison Township	12	2	4	...
Swedesboro Borough	52	23	27	1
Washington Township	23	10	12	...
Wenonah Borough	16	5	19	1
West Deptford Township	54	11	45	2
Westville Borough	38	15	44	...
Woodbury City	111	41	114	8
Woodbury Heights Borough	14	1	9	...
Woolwich Township	17	...	5	1
Total	1015	321	819	49

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HUDSON COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Bayonne City	1168	473	694	43
East Newark Borough	30	4	27	...
Guttenberg Town	78	44	64	4
Harrison Town	230	114	145	8
Hoboken City	724	767	639	25
Jersey City	4641	2116	3465	221
Kearny Town	572	170	377	28
North Bergen Township	592	189	374	20
Secaucus Borough	116	50	73	6
Union City	674	486	594	37
Weehawken Township	134	100	150	10
West New York Town	474	372	316	19
Total	9433	4885	6918	421

HUNTERDON COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Alexandria Township	17	4	14	2
Bethlehem Township	13	...	9	...
Bloomsbury Borough	8	7	14	...
Califon Borough	7	4	15	1
Clinton Town	21	10	16	3
Clinton Township	23	4	27	3
Delaware Township	16	10	32	2
East Amwell Township	19	4	19	3
Flemington Borough	36	15	41	3
Franklin Township	11	4	15	...
Frenchtown Borough	13	5	27	...
Glen Gardner Borough	9	7	8	1
Hampton Borough	11	14	13	...
High Bridge Borough	13	8	22	...
Holland Township	11	...	8	...
Kingwood Township	13	...	8	2
Lambertville City	61	19	69	2
Lebanon Borough	13	5	3	...
Lebanon Township	10	2	15	...
Milford Borough	11	4	6	...
Raritan Township	26	1	18	...
Readington Township	38	17	44	4
Stockton Borough	4	2	4	...
Tewksbury Township	12	9	17	1
Union Township	13	2	19	2
West Amwell Township	4	1	10	...
Total	433	158	493	29

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MERCER COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
East Windsor Township	16	...	9	2
Ewing Township	177	14	75	8
Hamilton Township	444	81	270	21
Hightstown Borough	56	26	47	3
Hopewell Borough	21	14	23	1
Hopewell Township	49	8	48	2
Lawrence Township	83	15	41	6
Pennington Borough	16	6	23	1
Princeton Borough	109	55	90	6
Princeton Township	41	6	26	1
Trenton City	1769	609	1336	94
Washington Township	17	...	12	1
West Windsor Township	23	7	27	1
Total	2821	841	2027	147

MIDDLESEX COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Carteret Borough	137	75	96	7
Cranbury Township	27	12	27	2
Dunellen Borough	96	41	49	4
East Brunswick Township	37	8	17	3
Helmetta Borough	8	17	7	...
Highland Park Borough	104	35	84	5
Jamesburg Borough	36	14	17	...
Madison Township	46	10	42	3
Metuchen Borough	89	35	49	2
Middlesex Borough	36	6	27	2
Milltown Borough	53	11	25	1
Monroe Township	32	2	20	2
New Brunswick City	472	239	385	20
North Brunswick Township	47	36	24	1
Perth Amboy City	526	275	375	36
Piscataway Township	67	14	60	4
Plainsboro Township	17	5	13	...
Raritan Township	149	17	90	10
Sayreville Borough	110	38	64	5
South Amboy City	102	59	84	8
South Brunswick Township	41	7	36	...
South Plainfield Borough	66	18	44	2
South River Borough	164	51	75	8
Spotswood Borough	15	5	14	1
Woodbridge Township	403	104	235	22
Total	2880	1134	1959	148

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MONMOUTH COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Allenhurst Borough	7	...	9	...
Allentown Borough	9	9	17	1
Asbury Park City	178	166	242	5
Atlantic Township	12	5	14	2
Atlantic Highlands Borough	41	24	29	1
Avon Borough	12	11	14	...
Belmar Borough	51	29	49	4
Bradley Beach Borough	30	25	39	1
Brielle Borough	7	4	16	...
Deal Borough	10	8	10	...
Eatontown Borough	41	22	31	1
Englishtown Borough	11	4	15	1
Fair Haven Borough	25	6	24	2
Farmingdale Borough	16	3	17	3
Freehold Borough	107	57	107	4
Freehold Township	33	...	28	1
Highlands Borough	40	14	39	1
Holmdel Township	15	8	4	1
Howell Township	37	10	35	...
Interlaken Borough	7	3	5	...
Keansburg Borough	50	29	58	2
Keyport Borough	68	51	54	3
Little Silver Borough	16	7	16	1
Long Branch City	264	112	210	7
Manalapan Township	22	8	21	1
Manasquan Borough	35	22	36	...
Marlboro Township	17	13	27	2
Matawan Borough	40	20	36	...
Matawan Township	29	3	21	2
Middletown Township	101	51	135	4
Millstone Township	19	4	11	2
Monmouth Beach Borough	8	...	10	3
Neptune Township	187	42	155	9
Neptune City Borough	41	6	23	4
Ocean Township	57	10	45	...
Oceanport Borough	24	10	17	1
Raritan Township	11	1	19	1
Red Bank Borough	184	100	130	9
Rumson Borough	32	23	30	...
Sea Bright Borough	13	3	18	1
Sea Girt Borough	3	3	9	...
Shrewsbury Borough	13	18	9	...
Shrewsbury Township	15	4	14	2
South Belmar Borough	12	3	7	...
Spring Lake Borough	13	16	21	...
Spring Lake Heights Borough	13	7	10	1
Union Beach Borough	28	10	33	1
Upper Freehold Township	32	2	22	1
Wall Township	56	15	41	..
West Long Branch Borough	33	17	29	1
Total	2125	1018	2011	86

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MORRIS COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Boonton Town	97	42	70	4
Boonton Township	6	1	4	...
Butler Borough	50	23	36	3
Chatham Borough	62	26	59	...
Chatham Township	3	1	9	1
Chester Borough	12	4	15	...
Chester Township	13	...	11	...
Denville Township	48	17	25	3
Dover Town	159	50	134	6
East Hanover Township	10	7	14	1
Florham Park Borough	8	1	14	...
Hanover Township	42	17	35	3
Harding Township	10	6	8	...
Jefferson Township	27	...	22	1
Kinnelon Borough	6	...	3	...
Lincoln Park Borough	20	6	18	2
Madison Borough	151	39	82	10
Mendham Borough	28	9	16	1
Mendham Township	7	6	11	2
Mine Hill Township	11	6	14	1
Montville Township	52	15	18	2
Morris Plains Borough	31	23	27	1
Morristown Town	209	89	210	19
Morris Township	82	11	64	7
Mountain Lakes Borough	17	3	24	1
Mount Arlington Borough	7	...	4	1
Mount Olive Township	17	6	9	...
Netcong Borough	37	19	23	3
Parsippany-Troy Hills Township	37	13	50	2
Passaic Township	32	7	37	3
Pequannock Township	39	9	21	1
Randolph Township	29	6	26	2
Riverdale Borough	15	2	9	2
Rockaway Borough	56	27	54	3
Rockaway Township	47	10	26	1
Roxbury Township	67	10	44	4
Washington Township	20	7	23	3
Wharton Borough	54	29	35	3
Total	1618	547	1304	96

OCEAN COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Barnegat City Borough	3	...	1	...
Bay Head Borough	6	2	5	...
Beach Haven Borough	11	9	13	...
Beachwood Borough	6	1	4	1
Berkeley Township	11	6	8	1
Brick Township	13	5	27	...
Dover Township	69	46	74	6
Eagleswood Township	6	2	8	...
Harvey Cedars Borough	1	...	...	...
Island Beach Borough	...	...	...	...
Island Heights Borough	1	2	4	...
Jackson Township	16	6	29	1
Lacey Township	7	3	11	...
Lakehurst Borough	22	5	20	4
Lakewood Township	96	69	112	12
Lavalette Borough	3	2	4	1
Little Egg Harbor Township	6	2	4	...
Long Beach Township	3	1	3	...
Manchester Township	15	...	8	1
Mantoloking Borough	2	...	1	...
Ocean Township	7	9	8	...
Ocean Gate Borough	2	1	8	...
Pine Beach Borough	5	3	3	1
Plumstead Township	19	10	25	1
Point Pleasant Borough	54	9	30	1
Point Pleasant Beach Borough	8	17	22	1
Seaside Heights Borough	6	2	7	1
Seaside Park Borough	12	3	7	1
Ship Bottom-Beach Arlington Borough	8	...	6	...
South Toms River Borough	5	7	5	...
Stafford Township	18	6	16	2
Surf City Borough	4	1	1	...
Tuckerton Borough	19	6	22	1
Union Township	15	6	23	...
Total	479	241	519	36

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PASSAIC COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Bloomingdale Borough	57	11	39	8
Clifton City	653	139	403	21
Haledon Borough	72	27	36	1
Hawthorne Borough	140	62	105	9
Little Falls Borough	67	21	56	1
North Haledon Borough	31	3	17	...
Passaic City	691	633	570	28
Paterson City	1889	899	1523	91
Pompton Lakes Borough	54	24	39	3
Prospect Park Borough	88	43	45	3
Ringwood Borough	24	4	8	3
Totowa Borough	52	14	43	2
Wanaque Borough	47	13	23	4
Wayne Township	75	35	52	3
West Milford Township	29	13	28	1
West Paterson Borough	51	10	32	2
Total	4020	1951	3019	180

SALEM COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Alloway Township	32	10	21	2
Elmer Borough	16	7	20	...
Elsinboro Township	8	...	5	...
Lower Alloways Creek Township	11	4	7	...
Lower Penns Neck Township	66	9	30	2
Mannington Township	33	3	26	2
Oldmans Township	27	8	20	...
Penns Grove Borough	105	43	63	7
Pilesgrove Township	26	8	14	...
Pittsgrove Township	20	2	17	1
Quinton Township	16	5	13	1
Salem City	122	37	125	13
Upper Penns Neck Township	52	10	27	...
Upper Pittsgrove Township	27	11	19	3
Woodstown Borough	25	15	29	1
Total	586	172	436	32

SOMERSET COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Bedminster Township	10	1	25	3
Bernards Township	30	14	34	2
Bernardsville Borough	58	21	41	3
Bound Brook Borough	118	78	79	5
Branchburg Township	12	2	15	...
Bridgewater Township	60	9	46	2
Far Hills Borough	11	5	4	...
Franklin Township	87	12	56	1
Green Brook Township	15	1	8	2
Hillsborough Township	36	13	20	2
Manville Borough	104	43	39	4
Millstone Borough	5	2	4	...
Montgomery Township	15	3	14	1
North Plainfield Borough	141	75	102	7
Peapack-Gladstone Borough	16	4	21	2
Raritan Town	60	32	41	2
Rocky Hill Borough	3	...	6	...
Somerville Borough	127	54	97	3
South Bound Brook Borough	37	10	30	3
Warren Township	9	8	20	...
Watchung Borough	17	15	13	...
Total	971	402	715	42

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SUSSEX COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Andover Borough	7	3	9	2
Andover Township	6	1	4	...
Branchville Borough	8	3	19	...
Byram Township	5	2	5	1
Frankford Township	23	...	23	...
Franklin Borough	70	16	39	4
Fredon Township	2	...	8	...
Green Township	8	5	4	...
Hamburg Borough	21	8	17	...
Hampton Township	6	10	12	...
Hardyston Township	23	1	15	1
Hopatcong Borough	4	2	6	...
Lafayette Township	18	2	15	1
Montague Township	3	2	10	...
Newton Town	79	19	64	3
Ogdensburg Borough	20	2	8	...
Sandyston Township	6	2	13	1
Sparta Township	20	6	23	1
Stanhope Borough	13	16	12	1
Stillwater Township	14	9	5	...
Sussex Borough	28	10	26	2
Vernon Township	24	5	13	...
Wallpack Township	2	...	2	...
Wantage Township	37	10	30	2
Total	447	134	382	19

UNION COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Clark Township	16	...	6	...
Cranford Township	137	59	105	4
Elizabeth City	1611	752	1114	71
Fanwood Borough	30	5	9	...
Garwood Borough	50	13	38	...
Hillside Township	244	68	144	8
Kenilworth Borough	37	12	20	...
Linden City	375	107	153	28
Mountainside Borough	10	4	13	...
New Providence Borough	23	9	21	2
New Providence Township	11	8	12	...
Plainfield City	507	206	396	15
Rahway City	228	90	200	9
Roselle Borough	162	68	101	4
Roselle Park Borough	118	30	92	9
Scotch Plains Township	86	10	56	4
Springfield Township	56	29	31	...
Summit City	170	79	132	4
Union Township	285	61	133	2
Westfield Town	201	66	151	12
Total	4357	1676	2927	172

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WARREN COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Allamuchy Township	3	...	6	...
Alpha Borough	37	22	11	...
Belvidere Town	21	8	47	1
Blairstown Township	15	3	24	...
Franklin Township	38	3	28	1
Frelinghuysen Township	12	1	9	4
Greenwich Township	16	19	23	1
Hackettstown Town	31	24	45	3
Hardwick Township	10	...	3	...
Harmony Township	23	3	21	2
Hope Township	9	8	9	...
Independence Township	17	9	15	...
Knowlton Township	14	5	8	1
Liberty Township	6	1	6	...
Lopatcong Township	12	...	8	...
Mansfield Township	10	6	21	...
Oxford Township	24	9	32	2
Pahaquarry Township	...	...	4	...
Phillipsburg Town	250	76	216	16
Pohatcong Township	39	8	25	5
Washington Borough	45	27	63	...
Washington Township	11	2	13	1
White Township	18	4	11	...
Total	661	238	648	37
State Total	56072	24453	43380	2608

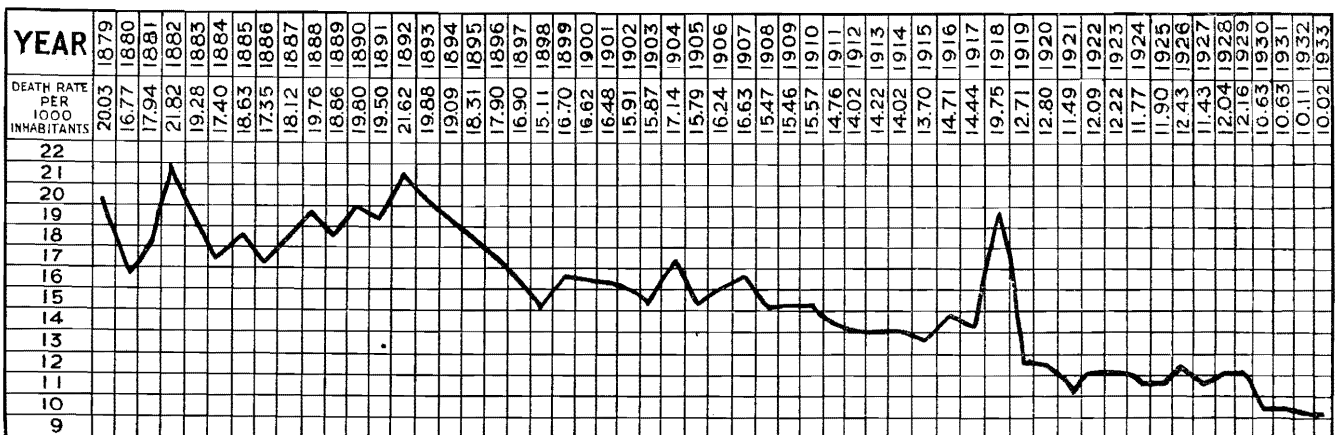
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TABLE 2.—TOTAL DEATHS BY AGE PERIODS SHOWING PERCENTAGE OF TOTAL DEATHS, 1933

	AGE PERIODS																	
	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
Deaths	43,380	2,608	384	217	174	129	3,512	568	1,130	1,921	2,857	4,867	7,182	8,962	8,176	3,638	565	2
Percentage of total	100.0	6.0	0.9	0.5	0.4	0.3	8.1	1.3	2.6	4.4	6.6	11.2	16.6	20.7	18.8	8.4	1.3	..

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CHART 1—TOTAL DEATHS PER 1,000 POPULATION FOR 55 YEARS



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Infant Mortality—The infant mortality rate for 1933 was 46.5 per 1,000 babies born alive. This was the lowest infant mortality rate attained in New Jersey. The previous low rate was 50.4 for 1932. The rate for 1931 was 56.9. 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 76.7. The colored races have shown high mortality rates since vital statistics were first collected and analyzed.

Maternal Mortality—This rate for 1933 was 5.1 and for 1932, 5.7. 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 6.3.

Stillbirths—The number of stillbirths reported for 1933 was 2,073. The number for the previous year was 2,343. The 1933 rate was 36.9 per 1,000 live births. The rate for the colored population was 59.1.

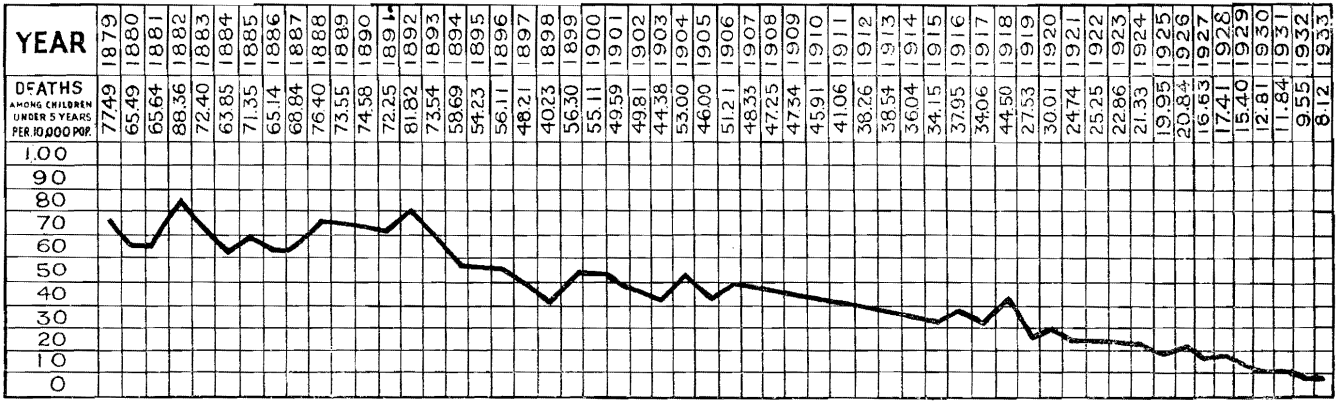
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TABLE 3—NUMBER OF DEATHS AT ALL AGES, UNDER ONE YEAR OF AGE AND UNDER FIVE YEARS OF AGE, AND THEIR PERCENTAGES OF TOTAL DEATHS

CALENDAR YEAR	DEATHS IN NEW JERSEY				
	All Ages	Under one year		Under five years	
		Number	Percentage of Total	Number	Percentage of Total
1904	35,298	7,472	21.2	10,927	31.0
1905	33,864	6,951	20.5	9,864	29.1
1906	35,670	7,773	21.8	11,246	31.5
1907	37,408	7,732	20.7	10,867	29.0
1908	35,597	7,823	22.0	10,869	30.5
1909	36,359	7,658	21.1	11,137	30.6
1910	39,494	8,352	21.1	11,648	29.5
1911	38,612	7,642	19.8	10,740	27.8
1912	37,772	7,457	19.7	10,309	27.3
1913	39,425	7,542	19.1	10,686	27.1
1914	39,967	7,431	18.6	10,278	25.7
1915	39,435	7,077	17.9	9,828	24.9
1916	43,376	7,348	16.9	11,188	25.8
1917	43,532	7,582	17.4	10,267	23.6
1918	60,852	8,372	13.8	13,709	22.5
1919	39,979	6,111	15.3	8,661	21.7
1920	40,820	6,672	16.3	9,569	23.4
1921	37,362	5,773	15.4	8,047	21.5
1922	40,086	5,864	14.6	8,371	20.9
1923	41,294	5,368	13.0	7,727	18.7
1924	40,531	5,359	15.5	7,344	21.3
1925	41,749	5,109	12.3	6,997	16.8
1926	44,396	5,090	11.5	7,442	16.8
1927	41,562	4,464	10.7	6,045	14.5
1928	44,555	4,600	10.3	6,438	14.4
1929	45,746	4,116	9.0	5,795	12.6
1930	43,190	3,870	9.0	5,205	12.1
1931	44,135	3,649	8.3	4,916	11.1
1932	42,826	3,089	7.2	4,049	9.4
1933	43,380	2,608	6.0	3,512	8.1

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CHART 2—DEATHS UNDER 5 YEARS OF AGE PER 10,000 TOTAL POPULATION FOR 55 YEARS



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

Year	Births Reported	Deaths Under 1 Year of Age	Rates per 1,000 Live Births	Deaths Under 1 Month of Age	Rates per 1,000 Live Births	Still-births	Rates per 1,000 Live Births	Maternal Deaths	Rates per 1,000 Live Births
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

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TABLE 5.—DEATHS UNDER ONE YEAR, DEATHS UNDER ONE MONTH, STILLBIRTHS AND MATERNAL MORTALITY PER THOUSAND LIVE BIRTHS—1933

Rates per 1,000 live births

	Deaths Under One Year	*Deaths Under One Month*	*Stillbirths*	*Maternal Deaths*
New Jersey	46	27	36	5.1
Atlantic	53	33	46	4.8
Bergen	40	24	38	5.3
Burlington	56	35	39	5.2
Camden	59	34	38	5.6
Cape May	35	25	39	7.0
Cumberland	40	15	41	9.7
Essex	43	24	35	4.0
Gloucester	48	23	32	7.8
Hudson	44	24	38	3.8
Hunterdon	66	36	23	11.5
Mercer	52	32	44	7.0
Middlesex	51	33	29	3.8
Monmouth	40	25	34	5.1
Morris	59	35	37	7.4
Ocean	75	56	22	4.1
Passaic	44	26	36	6.4
Salem	54	34	56	13.6
Somerset	43	23	27	2.0
Sussex	42	17	33	6.7
Union	39	25	34	4.5
Warren	55	30	42	7.5

TABLE 6.—DEATHS UNDER ONE YEAR, DEATHS UNDER ONE MONTH, STILLBIRTHS AND MATERNAL MORTALITY PER THOUSAND LIVE BIRTHS: NEW JERSEY AND TEN LARGEST CITIES—1933

Rates per 1,000 live births

	Deaths Under One Year	*Deaths Under One Month*	*Stillbirths*	*Maternal Deaths*
New Jersey	46	27	36	5.1
Newark	48	25	41	3.9
Jersey City	47	24	35	4.0
Paterson	48	25	35	6.3
Trenton	53	33	45	7.9
Camden	63	35	40	5.7
Elizabeth	44	26	42	6.2
Bayonne	36	19	47	3.4
East Orange	34	19	33	4.9
Atlantic City	57	43	46	7.2
Passaic City	40	30	56	7.2

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TABLE 7.—BIRTHS, BIRTH RATES, DEATHS UNDER ONE YEAR AND INFANT MORTALITY RATES (EXCLUSIVE OF STILLBIRTHS)—1933

	Births (Exclusive of of Still-births)	*Birthrates per 1,000 Population*	*Deaths Under One Year*	*Infant Mortality Rates*
New Jersey	56,072	12.9	2,608	46
Atlantic County	1,652	11.9	88	53
Atlantic City	831	11.6	48	57
Hammonton	104	12.9	1	9
Pleasantville	198	14.7	12	60
Bergen County	4,843	11.7	196	40
Bergenfield	144	13.7	5	34
Cliffside Park	203	11.0	5	24
Englewood City	235	11.8	11	46
Fairview Borough	130	12.5	2	15
Fort Lee Borough	124	12.7	7	56
Garfield City	451	13.6	12	26
Hackensack City	311	11.6	13	41
Lodi Borough	216	17.1	15	69
North Arlington	156	15.1	5	32
Ridgefield Park	104	9.0	4	30
Ridgewood Village	96	7.0	4	41
Rutherford Borough	149	8.9	6	40
Wallington Borough	118	11.6	7	59
Burlington County	1,322	13.5	75	56
Bordentown City	53	12.0	7	132
Burlington City	164	14.3	9	54
Camden County	3,354	12.3	199	59
Audubon	88	8.6	2	22
Camden City	1,737	14.5	111	63
Collingswood	118	8.4	3	25
Gloucester City	187	13.0	15	80
Haddonfield Borough	88	8.9	6	68
Cape May County	427	13.0	15	35
Cumberland County	1,025	14.1	42	40
Bridgeton	246	15.2	12	48
Millville City	241	16.3	9	37
Vineland	120	15.1	3	25

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	Births (Exclusive of of Still-births)	*Birthrates per 1,000 Population*	*Deaths Under One Year*	*Infant Mortality Rates*
Essex County	11,603	13.0	499	43
Belleville Town	402	13.1	18	44
Bloomfield	580	13.4	12	20
East Orange	802	10.9	28	34
Irvington	759	11.3	23	30
Montclair	463	10.0	18	38
Newark	6,517	14.4	314	48
Nutley	288	11.9	13	45
Orange	545	15.1	27	49
South Orange	125	7.9	1	8
West Orange	333	12.2	14	42
Gloucester County	1,015	13.0	49	48
Woodbury	111	12.4	8	72
Hudson County	9,433	13.2	421	44
Bayonne	1,168	12.5	43	36
Guttenberg	78	11.9	4	51
Harrison	230	14.7	8	34
Hoboken	724	12.2	25	34
Jersey City	4,641	14.3	221	47
Kearny	572	12.6	28	48
Secaucus	116	11.4	6	51
Union City	674	11.4	37	54
West New York	474	12.0	19	40
Hunterdon County	433	12.2	29	66
Lambertville	61	13.5	2	32
Mercer County	2,821	14.4	147	52
Princeton Borough	109	14.8	6	55
Trenton	1,769	14.1	94	53
Middlesex County	2,880	12.6	148	51
Carteret	137	9.7	7	51
Highland Park	104	10.5	5	48
New Brunswick	472	13.4	20	42
Perth Amboy	526	11.9	36	68
Sayreville	110	12.0	5	45
South Amboy	102	11.7	8	78
South River	164	13.5	8	48

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	Births (Exclusive of of Still-births)	*Birthrates per 1,000 Population*	*Deaths Under One Year*	*Infant Mortality Rates*
Monmouth County	2,125	13.2	86	40
Asbury Park	178	11.2	5	28
Long Branch	264	13.2	7	26
Red Bank	184	14.8	9	48
Morris County	1,618	13.5	96	59
Dover	159	15.7	6	37
Madison	151	18.6	10	66
Morristown	209	12.9	19	90
Ocean County	479	13.1	36	75
Passaic County	4,020	12.7	180	44
Clifton	653	12.2	21	32
Hawthorne	140	9.9	9	64
Passaic City	691	10.9	28	40
Paterson	1,889	13.5	91	48
Salem County	586	15.8	32	54
Salem City	122	14.8	13	106
Somerset County	971	13.7	42	43
Bound Brook	118	15.0	5	42
North Plainfield	141	13.2	7	49
Somerville	127	14.5	3	23
Sussex County	447	15.5	19	42
Union County	4,357	12.8	172	39
Elizabeth	1,611	13.3	71	44
Linden	375	14.8	28	74
Plainfield	507	13.8	15	29
Rahway	228	12.9	9	39
Roselle	162	10.5	4	24
Roselle Park	118	11.6	9	76
Summit	170	10.6	4	23
Westfield	201	11.2	12	59
Warren County	661	13.0	37	55
Phillipsburg	250	12.5	16	64

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Typhoid Fever—The death rate for this disease (including paratyphoid) for 1933 was only 0.09 per 10,000 population. That the rate was low was proven by the 1932 rate of 0.37 for the United States Registration Area. The rate for the Registration Area for 1933 was not available. The number of deaths from typhoid fever and other diseases of the international list of causes of death by counties and cities can be obtained by referring to Table 20. Table 22 shows the more important causes by sex, color and age groups.

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

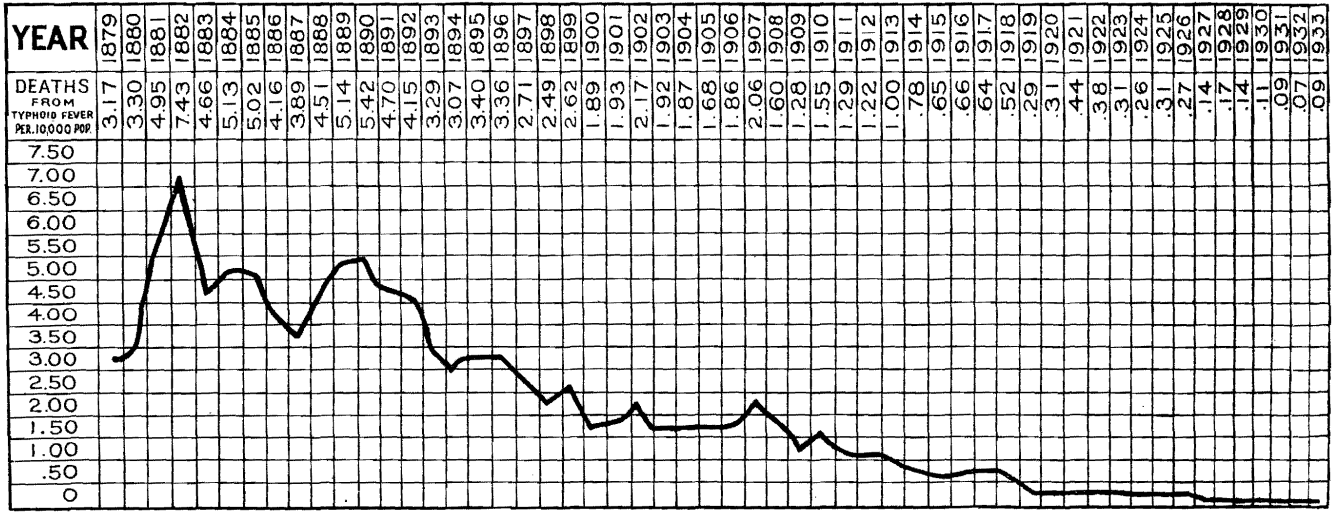
	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932
Registration area of the United States	0.68	0.67	0.80	0.65	0.55	0.49	0.42	0.48	0.44	0.37
New Jersey	0.31	0.26	0.31	0.27	0.14	0.17	0.14	0.11	0.09	0.07

TABLE 9—URBAN AND RURAL DEATHS FROM TYPHOID FEVER—1933

	Estimated population	Deaths from typhoid fever	Rate per 10,000 population
State	4,322,082	42	0.09
Municipalities having 5,000 or more inhabitants in 1930	3,129,798	20	0.06
Remainder of State	1,192,284	22	0.18

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CHART 3—DEATHS FROM TYPHOID FEVER PER 10,000 POPULATION FOR 55 YEARS



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

COUNTIES	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933
Atlantic County	....	0.44	0.97	0.53	0.21	0.10	0.31	0.15	0.22	0.21
Bergen County	0.28	0.23	0.26	0.07	0.18	0.07	....	0.07	....	0.02
Burlington County	0.56	0.44	0.54	0.32	0.31	0.31	0.31	0.10	0.31	0.41
Camden County	0.42	0.36	0.35	0.08	0.47	0.29	0.19	0.07	0.15	0.15
Cape May County	0.51	....	0.51	0.54	....	....	0.33	....	....	....
Cumberland County	0.31	1.07	0.15	....	0.14	0.14	....	0.14	0.13	0.27
Essex County	0.26	0.13	0.16	0.15	0.09	0.13	0.08	0.07	0.05	0.06
Gloucester County	0.37	0.91	0.90	....	0.51	0.33	....	0.27	0.26	0.25
Hudson County	0.19	0.32	0.18	0.09	0.09	0.09	0.07	....	0.02	0.01
Hunterdon County	0.91	0.60	....	0.30	0.30	....	....	....	....	....
Mercer County	0.22	0.39	0.49	0.10	0.15	0.15	0.15	0.15	0.05	0.20
Middlesex County	0.27	0.31	0.41	0.10	0.09	0.19	0.18	0.13	0.13	0.04
Monmouth County	0.36	0.36	0.26	0.26	0.70	0.17	0.33	0.26	0.31	0.18
Morris County	....	0.34	....	0.11	0.22	....	0.08	0.08	....	0.16
Ocean County	0.44	....	0.88	....	....	....	0.29	0.29	....	0.27
Passaic County	0.21	0.24	0.06	0.03	0.10	0.23	....	0.19	0.06	....
Salem County	0.24	0.47	0.23	0.45	0.22	....	0.27	....	....	0.54
Somerset County	0.95	0.94	0.18	0.36	0.35	....	0.45	....	....	0.56
Sussex County	....	0.40	....	....	0.40	0.40	....	....	....	....
Union County	0.21	0.34	0.41	0.12	0.11	0.11	0.09	0.18	....	0.05
Warren County	....	....	....	....	....	....	....	....	....	....
The State	0.26	0.31	0.27	0.14	0.17	0.14	0.11	0.09	0.07	0.09

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

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

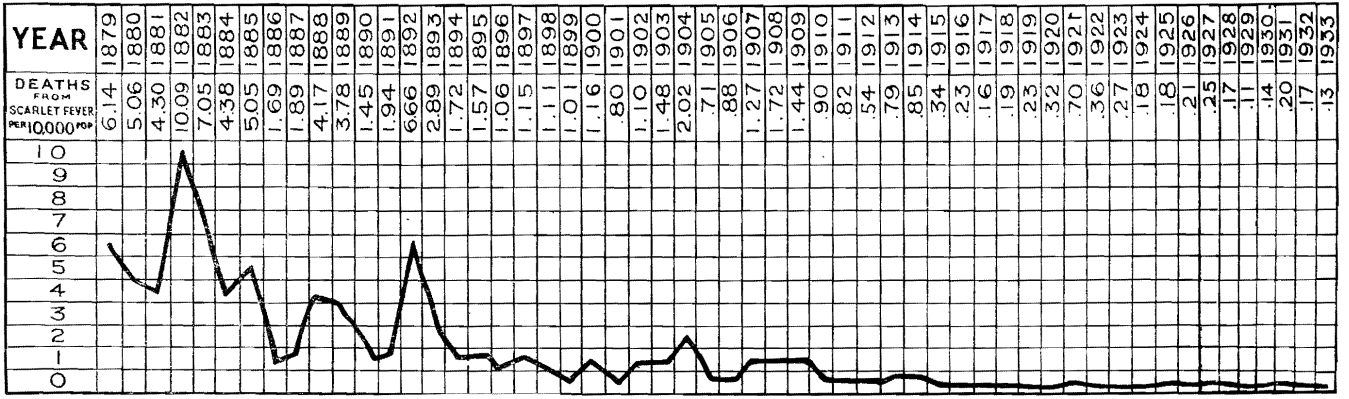
Smallpox—No deaths from smallpox occurred in New Jersey during 1926, 1927, 1928, 1929, 1930, 1931, 1932 and 1933. During the two years previous to 1926 deaths occurred as the disease was prevalent in epidemic form in certain sections of the State.

Measles—This disease was responsible for 71 deaths in 1933. During the preceding year 41 deaths occurred. In 1929 there were only 33 deaths from measles.

Scarlet Fever—The number of deaths from scarlet fever was 59. Very little variation has occurred in the death rate from this disease for the past ten years. The average rate for the period was about one-half the rate which prevailed during the previous decade.

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CHART 4—DEATHS FROM SCARLET FEVER PER 10,000 POPULATION FOR 55 YEARS



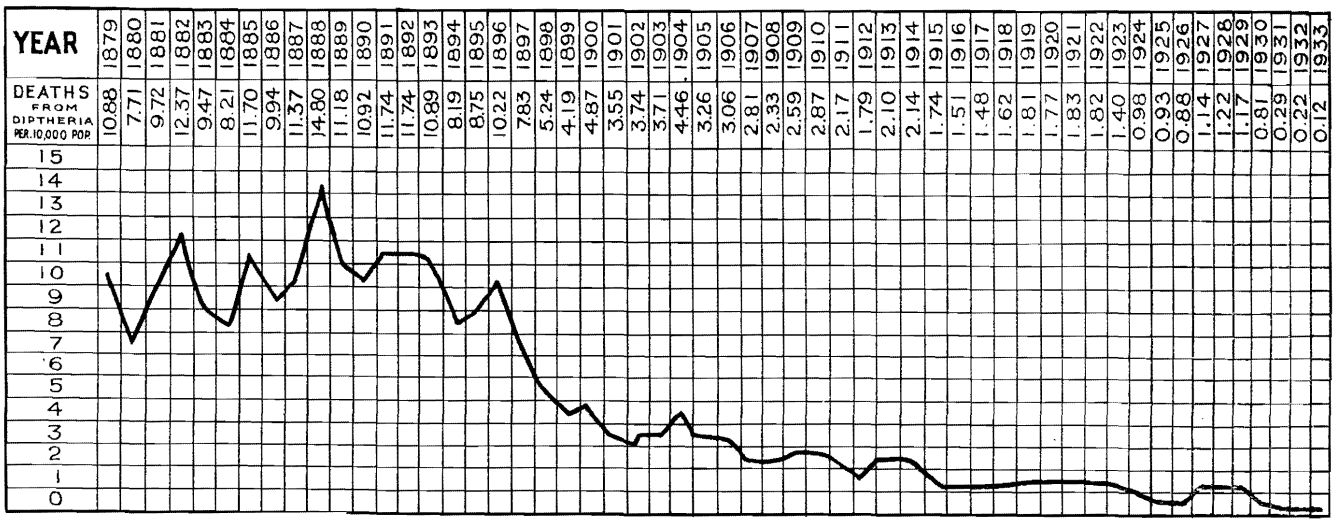
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Whooping Cough—This disease caused 43 deaths during 1933, for 1932 the number was 123 and for 1931, 136.

Diphtheria—During 1933 only 52 persons died from diphtheria and laryngeal croup, equivalent to a rate of 0.12 per 10,000 population, compared with 0.22 for the previous year and 0.29 for 1931. The death rate from diphtheria for 1888 was 14.8 per 10,000 population. During the decade beginning with 1900 the rate declined from 4.8 to 2.5. The following ten-year period showed a decline to 1.8. The rate for 1933 was the lowest recorded.

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CHART 5—DEATHS FROM DIPHTHERIA PER 10,000 POPULATION FOR 55 YEARS



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Tuberculosis—The number of deaths from all forms of tuberculosis during 1933 was 2,376. The number of deaths from tuberculosis of the respiratory system was 2,165. The death rates per 10,000 population were 5.49 and 5.00 respectively. These were the lowest tuberculosis death rates recorded in New Jersey.

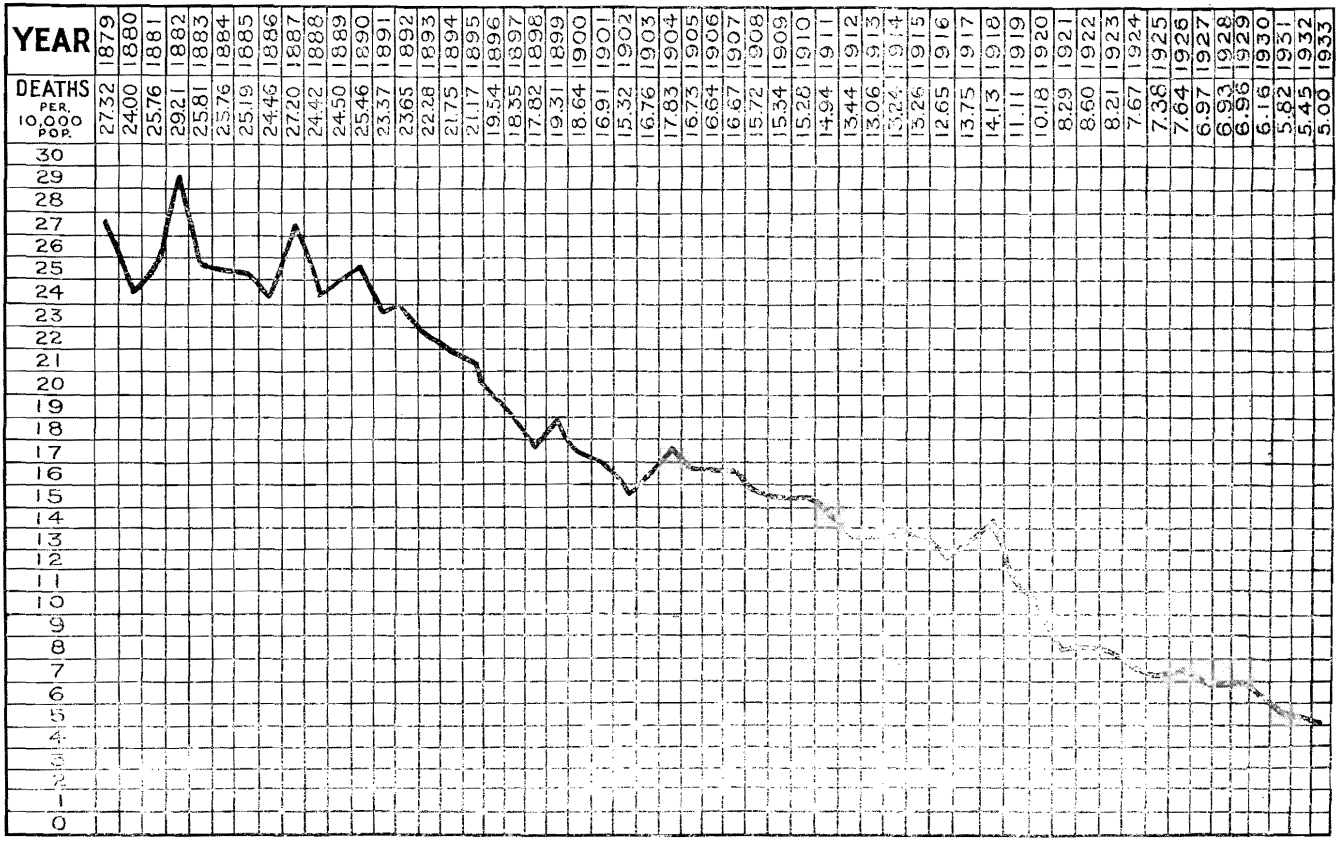
TABLE 11.—AVERAGE ANNUAL DEATH RATES FROM ALL CAUSES AND FROM TUBERCULOSIS OF LUNGS, PER 10,000 POPULATION, FOR 55 YEARS, COMPARED WITH RATES FOR 1933

COUNTIES	Average annual death rates from all causes	Death rates from all causes, 1933	*Average annual death rates from tuberculosis of lungs	*Death rates from tuberculosis of lungs, 1933
Atlantic County	154	126	11.8	6.3
Bergen County	120	84	10.1	4.5
Burlington County	146	117	13.0	4.6
Camden County	156	101	14.5	5.1
Cape May County	142	126	9.6	3.6
Cumberland County	109	115	13.9	3.7
Essex County	148	99	16.1	6.2
Gloucester County	139	105	11.8	3.3
Hudson County	159	97	16.4	4.9
Hunterdon County	142	139	11.6	3.3
Mercer County	150	103	15.7	5.7
Middlesex County	135	85	11.2	4.2
Monmouth County	151	125	12.1	4.7
Morris County	121	109	13.7	4.2
Ocean County	146	142	14.3	7.1
Passaic County	141	95	13.0	4.8
Salem County	136	118	12.8	5.1
Somerset County	132	101	10.7	3.6
Sussex County	126	132	10.9	2.7
Union County	123	86	11.2	4.0
Warren County	140	127	10.8	4.5
The State	145	100	13.9	4.6

* 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.

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CHART 6—DEATHS FROM TUBERCULOSIS OF LUNGS PER 10,000 POPULATION FOR 55 YEARS



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Cancer—The number of deaths from cancer and other malignant growths for 1933 was 5,007 and the death rate was 11.58 per 10,000 population compared with 11.31 for the previous year. The mortality from this disease, with few exceptions, has steadily increased during the fifty-five years recorded in New Jersey.

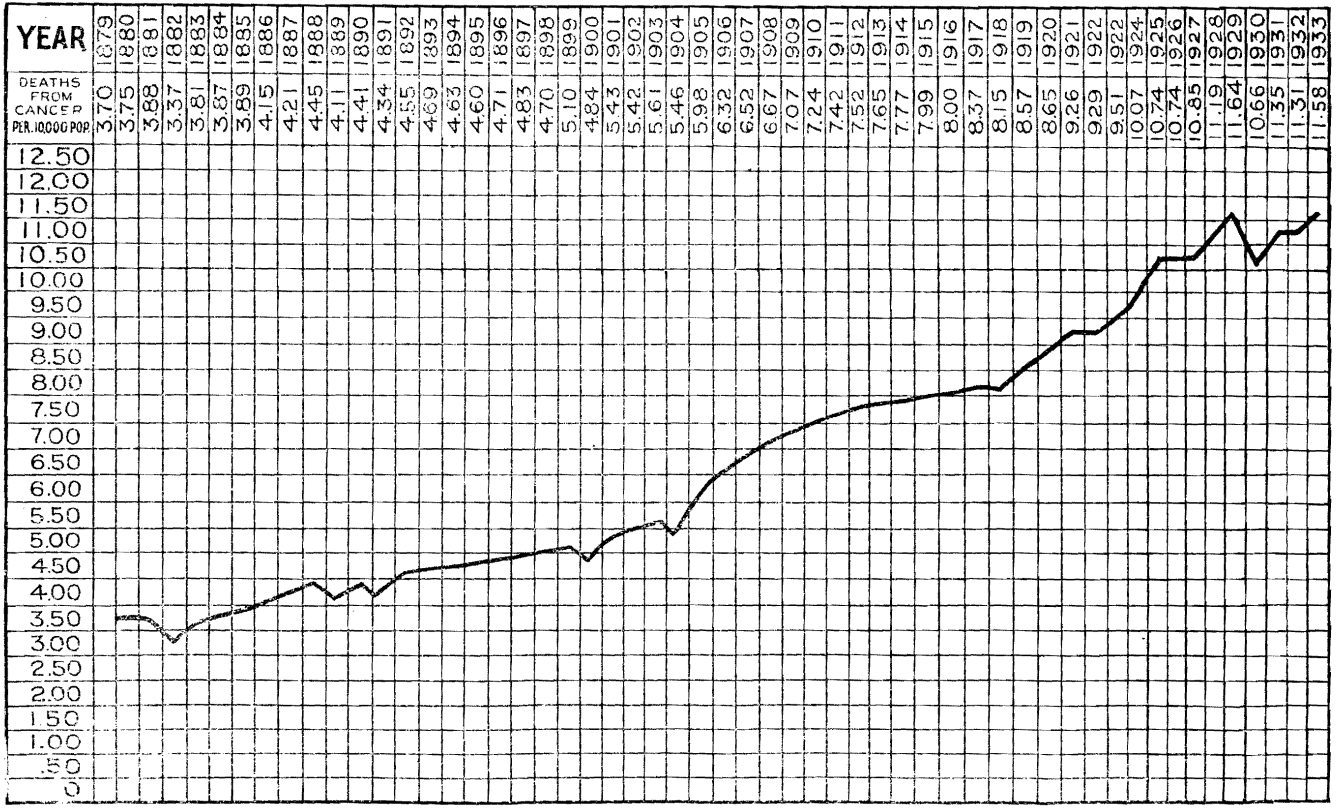
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TABLE 12.—DEATHS FROM CANCER AND OTHER MALIGNANT TUMORS BY ORGAN AFFECTED: NEW JERSEY, 1933

CANCER AND OTHER MALIGNANT TUMORS	AGE PERIODS																				
	Under 1 year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 and over	Total
Buccal Cavity and Pharynx—																					
Male	...	...	...	...	1	...	...	...	...	1	12	18	23	29	28	20	9	4	6	...	151
Female	...	...	...	...	...	1	...	...	...	1	2	2	3	6	2	1	3	1	1	1	24
Total	...	...	...	...	1	1	...	...	...	2	14	20	26	35	30	21	12	5	7	1	175
Digestive Tract and Peritoneum—																					
Male	...	...	3	...	...	1	7	11	26	47	91	155	153	241	192	194	111	59	15	8	1314
Female	...	...	...	...	2	4	6	10	20	50	80	127	138	157	193	194	127	80	29	5	1222
Total	...	...	3	...	2	5	13	21	46	97	171	282	291	398	385	388	238	139	44	13	2536
Respiratory System—																					
Male	...	...	...	...	2	1	1	1	9	9	17	30	35	38	27	13	8	4	1	...	196
Female	...	2	...	...	...	...	2	3	3	3	6	6	...	15	11	5	2	1	...	...	59
Total	...	2	...	...	2	1	3	4	12	12	23	36	35	53	38	18	10	5	1	...	255
Uterus—Female	...	...	...	...	...	1	4	8	24	39	67	81	94	81	71	53	27	9	5	1	565
Other Female Genital Organs—Female	...	...	...	...	...	3	1	...	1	10	18	17	17	9	10	8	4	1	1	1	101
Breast—																					
Male	...	...	...	...	...	...	...	...	...	1	2	...	1	...	...	1	...	...	...	...	5
Female	...	...	...	...	...	...	...	2	28	43	62	74	80	70	51	42	35	24	10	2	523
Total	...	...	...	...	...	...	...	2	28	44	64	74	81	70	51	43	35	24	10	2	528
Male Genitourinary Organs—Male	...	1	2	...	1	2	2	2	5	6	11	23	44	54	68	65	52	32	16	1	387
Skin																					
Male	...	...	...	...	...	...	...	...	1	...	1	2	6	7	7	11	8	3	4	1	51
Female	...	...	...	...	...	...	...	...	1	...	2	...	4	3	2	5	5	5	2	2	31
Total	...	...	...	...	...	...	...	...	2	...	3	2	10	10	9	16	13	8	6	3	82
Other or Unspecified Organs—																					
Male	1	2	1	4	6	4	1	1	2	11	10	16	16	19	19	14	13	5	...	...	145
Female	1	4	1	4	4	3	3	5	9	15	23	11	28	34	33	17	21	13	4	...	233
Total	2	6	2	8	10	7	4	6	11	26	33	27	44	53	52	31	34	18	4	...	378
Total Male	1	3	6	4	10	8	11	15	43	75	144	244	278	388	341	318	201	107	42	10	2248
Total Female	1	6	1	4	6	12	16	28	86	161	260	318	364	375	373	325	224	134	52	12	2758
Total Male and Female	2	9	7	8	16	20	27	43	129	236	404	562	642	763	714	643	425	241	94	22	5007

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CHART 7—DEATHS FROM CANCER PER 10,000 POPULATION FOR 55 YEARS



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Encephalitis Lethargica or Sleeping Sickness — Thirty-six deaths were assigned to this affection for the year 1933. In 1922, which was the first year that the disease was separately classified, there were forty-five deaths, while for 1932, 35 deaths were recorded.

Nephritis—Deaths due to acute and chronic nephritis totaled 3,601, compared with 3,865 for the previous year.

Suicide—Deaths by this means increased considerably during the years 1927 to 1933. Of the various means employed poisonous gas was responsible for the most deaths, with firearms and hanging in second and third places. The number of deaths by suicide for seven years follows:

1927	505	1930	601
1928	565	1931	694
1929	622	1932	740
	1933	709	

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TABLE 13.—DEATHS BY SUICIDE: NEW JERSEY, 1933

MODE OF DEATH	AGE PERIODS																	
	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	Total
Solid or liquid poisons and corrosive substances—																			
Male	...	...	2	1	3	4	2	3	7	7	5	3	2	...	...	...	...	...	39
Female	...	...	2	5	6	3	7	4	...	4	3	1	...	...	...	...	...	...	35
Total	...	...	4	6	9	7	9	7	7	11	8	4	2	...	...	...	...	...	74
Poisonous gas—																			
Male	...	2	4	3	5	13	28	24	31	20	13	13	9	2	3	...	...	...	170
Female	...	...	...	5	4	4	8	9	6	8	7	8	2	3	...	...	...	...	64
Total	...	2	4	8	9	17	36	33	37	28	20	21	11	5	3	...	...	...	234
Hanging or strangulation—																			
Male	...	1	...	5	4	6	16	23	13	19	12	7	9	4	5	...	...	...	124
Female	...	1	1	2	1	...	2	4	2	2	1	2	1	...	...	...	...	...	19
Total	...	2	1	7	5	6	18	27	15	21	13	9	10	4	5	...	...	...	143
Drowning—																			
Male	...	...	...	1	...	5	...	2	1	3	2	2	2	...	...	...	...	...	18
Female	...	...	...	1	...	...	2	1	2	...	...	2	...	...	...	...	...	...	8
Total	...	...	...	2	...	5	2	3	3	3	2	4	2	...	...	...	...	...	26
Firearms—																			
Male	...	...	7	14	10	11	11	16	20	21	12	12	9	6	3	...	...	...	152
Female	...	1	...	2	3	1	2	1	2	1	...	...	...	...	...	...	...	...	13
Total	...	1	7	16	13	12	13	17	22	22	12	12	9	6	3	...	...	...	165
Cutting or piercing instruments—																			
Male	...	...	1	...	3	1	1	2	5	1	3	1	3	2	1	...	...	...	24
Female	...	...	...	...	...	...	1	1	3	...	1	...	1	...	...	...	...	...	7
Total	...	...	1	...	3	1	2	3	8	1	4	1	4	2	1	...	...	...	31

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Jumping from high places—																			
Male	...	...	...	...	2	1	1	2	...	3	1	2	...	...	...	...	...	...	12
Female	...	...	2	2	...	3	1	3	...	2	...	...	...	...	...	...	...	...	13
Total	...	...	2	2	2	4	2	5	...	5	1	2	...	...	...	...	...	...	25
Crushing—																			
Male	...	...	1	...	...	1	...	1	1	1	...	...	...	...	...	...	...	...	5
Female	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
Total	...	...	1	...	...	2	...	1	1	1	...	...	...	...	...	...	...	...	6
Other means—																			
Male	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	2
Female	...	...	...	...	1	...	...	...	...	...	2	...	...	...	...	...	...	...	3
Total	...	...	...	...	1	1	...	...	1	...	2	...	...	...	...	...	...	...	5
Total Male	...	3	15	24	27	43	59	73	79	75	48	40	34	14	12	...	...	...	546
Total Female	...	2	5	17	15	12	23	23	15	17	14	13	4	3	...	...	...	...	163
Total Male and Female	...	5	20	41	42	55	82	96	94	92	62	53	38	17	12	...	...	...	709

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Automobile Fatalities

Deaths due to accidents in which automobiles were involved totaled 1,207 compared with 1,158 for 1932. The figures include 22 deaths due to motorcycle accidents, 21 deaths of bicyclists who were struck by automobiles and 27 accidental deaths due to the inhalation of motor exhaust.

Analyzed the motor fatality data show the death of 623 pedestrians, which number is equivalent to 51 per cent of the total. More than one-fourth of the pedestrians who died were children under fifteen years of age. Seventeen per cent of the drivers and occupants of automobiles who were killed were less than twenty years of age.

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

Motor Vehicle Fatalities by Age Periods, 1933

Age	*Pedestrians Struck by Motor Vehicles*		*Deaths From Other Motor Vehicle Accidents*		*Totals*	
	Residents	*Non-Residents*	*Residents*	*Non-Residents*	*Residents*	*Non-Residents*
Under 5 years ..	49	1	8	3	57	4
5 to 9	68	2	14	0	82	2
10 to 14	27	0	16	3	43	3
15 to 19	15	3	50	8	65	11
20 to 24	14	2	66	15	80	17
25 to 29	11	5	42	19	53	24
30 to 59	229	18	229	50	458	68
60 to 69	95	6	34	5	129	11
70 and over	76	2	20	2	96	4
Totals	584	39	479	105	1,063	144

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MOTOR VEHICLE FATALITIES BY SEX, COLOR AND TYPE OF ACCIDENT, 1933

	Males		*Females*	
	White	*Colored*	*White*	*Colored*
Pedestrians	429	30	153	11
Collision auto and train or engine	14	3	3	0
Collision auto and street car	2	0	0	0
Collision auto with stationary objects	69	5	18	0
Collision auto with another motor vehicle	195	10	85	2
Collision auto with bicycle	18	1	2	0
Motorcycle accident	21	0	1	0
Other accidents	98	9	27	1
Total	846	58	289	14

MOTOR VEHICLE FATALITIES BY MONTHS OF DEATH, 1933

January	87	July	95
February	90	August	124
March	77	September	106
April	76	October	137
May	78	November	120
June	93	December	124
Total	1,207		

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TABLE 14—PERCENTAGE OF THE VARIOUS CAUSES OF TOTAL DEATHS AND EACH SEX OF TOTAL IN NEW JERSEY—1933

Abridged International List Number	CAUSE OF DEATH	Percentage of Total	Males—Percentage of Total	Females—Percentage of Total
1	Typhoid and paratyphoid fever	.1	69	31
2	Typhus fever	..	..	..
3	Smallpox	..	..	..
4	Measles	.2	50	50
5	Scarlet fever	.1	52	48
6	Whooping cough	.1	39	61
7	Diphtheria	.1	51	49
8	Influenza	1.2	47	53
9	Plague	..	..	..
10	Tuberculosis of the respiratory system	5.0	59	41
11	Other forms of tuberculosis	.5	45	55
12	Syphilis	.7	61	39
13	Malaria	..	100	..
14	Other infectious and parasitic diseases	.8	51	49
15	Cancer and other malignant tumors	11.6	44	56
16	Tumors, nonmalignant, or of which the nature is not specified	.5	32	68
17	Chronic rheumatism and gout	.1	32	68
18	Diabetes mellitus	2.8	35	65
19	Alcoholism (acute or chronic)	.2	92	8
20	Other general diseases and chronic poisonings	1.6	44	56
21	Progressive locomotor ataxia and general paralysis of the insane	.4	78	22
22	Cerebral hemorrhage, cerebral embolism and thrombosis	7.9	46	54
23	Other diseases of the nervous system and of the organs of special sense	1.5	56	44
24	Diseases of the heart	25.9	53	47
25	Other diseases of the circulatory system	2.1	59	41
26	Bronchitis	.3	58	42
27	Pneumonias	6.9	55	45
28	Other diseases of the respiratory system (tuberculosis excepted)	.7	61	39
29	Diarrhea and enteritis	.7	58	42
30	Appendicitis	1.2	62	38
31	Diseases of the liver and biliary passages	1.6	51	49
32	Other diseases of the digestive system	2.4	60	40
33	Nephritis	8.3	49	51
34	Other diseases of the genitourinary system	1.3	62	38
35	Puerperal septicemia	.2	..	100
36	Other diseases of pregnancy, childbirth and the puerperal state	.4	..	100
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	.3	65	35
38	Congenital debility and malformations, premature birth and other diseases of early infancy	3.6	57	43
39	Senility	.3	36	64
40	Suicide	1.7	77	23
41	Homicide	.5	69	31
42	Violent and accidental deaths (suicide and homicide excepted)	6.1	71	29
43	Cause of death not specified or ill-defined	.1	77	23
	All causes	100.0	53.2	46.8

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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—1933

Abridged International List Number	CAUSE OF DEATH	Total Deaths per 100,000 Population	White Deaths per 100,000 White Population	Colored Deaths per 100,000 Colored Population
1	Typhoid and paratyphoid fever	0.9	0.8	3.3
2	Typhus fever	...	...	...
3	Smallpox	...	...	...
4	Measles	1.6	1.6	2.3
5	Scarlet fever	1.3	1.4	0.4
6	Whooping cough	0.9	0.8	3.3
7	Diphtheria	1.2	1.2	...
8	Influenza	11.8	11.7	15.6
9	Plague	...	...	...
10	Tuberculosis of the respiratory system	50.0	42.1	204.4
11	Other forms of tuberculosis	4.8	3.8	24.1
12	Syphilis	6.7	4.4	51.5
13	Malaria	0.2	0.2	...
14	Other infectious and parasitic diseases	7.1	6.8	12.7
15	Cancer and other malignant tumors	115.8	117.2	88.5
16	Tumors, nonmalignant, or of which the nature is not specified	4.4	3.9	13.2
17	Chronic rheumatism and gout	1.3	1.4	...
18	Diabetes mellitus	28.0	28.2	25.0
19	Alcoholism (acute or chronic)	2.2	2.0	7.1
20	Other general diseases and chronic poisonings	15.6	15.3	22.2
21	Progressive locomotor ataxia and general paralysis of the insane	4.9	4.1	19.8
22	Cerebral hemorrhage, cerebral embolism and thrombosis	79.7	78.8	97.0
23	Other diseases of the nervous system and of the organs of special sense	15.0	15.0	17.5
24	Diseases of the heart	260.5	257.4	322.3
25	Other diseases of the circulatory system	21.0	20.8	25.0
26	Bronchitis	3.0	2.9	5.2
27	Pneumonias	69.0	64.1	164.2
28	Other diseases of the respiratory system (tuberculosis excepted)	6.8	6.5	11.8
29	Diarrhea and enteritis	7.4	6.8	20.3
30	Appendicitis	12.3	12.4	11.3
31	Diseases of the liver and biliary passages	15.8	15.9	15.1
32	Other diseases of the digestive system	24.9	24.0	41.6
33	Nephritis	83.3	81.5	118.3
34	Other diseases of the genitourinary system	12.4	11.8	23.6
35	Puerperal septicemia	2.6	2.5	4.7
36	Other diseases of pregnancy, childbirth and the puerperal state	4.0	3.8	8.5
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	3.2	3.3	2.3
38	Congenital debility and malformations, premature birth and other diseases of early infancy	35.7	33.4	79.9
39	Senility	3.2	3.2	4.2
40	Suicide	16.4	16.7	9.9
41	Homicide	4.6	3.5	26.0
42	Violent and accidental deaths (suicide and homicide excepted)	61.4	60.4	81.4
43	Cause of death not specified or ill-defined	0.7	0.7	0.9
	All causes	1002.0	973.7	158.6

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TABLE 16.—DEATHS (EXCLUSIVE OF STILLBIRTHS) BY CAUSES AND MONTHS OF DEATH: NEW JERSEY—1933

Abridged International List Number	CAUSE OF DEATH	Total	MONTH OF DEATH											
			January	February	March	April	May	June	July	August	September	October	November	December
1	Typhoid and paratyphoid fever	43	1	....	1	2	6	7	3	2	4	8	6	3
2	Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....
3	Smallpox	....	....	....	....	....	....	....	....	....	....	....	....	....
4	Measles	71	6	7	13	16	13	5	8	....	1	....	....	2
5	Scarlet fever	59	11	7	8	9	11	1	2	2	....	2	2	4
6	Whooping cough	43	3	3	2	2	3	1	3	6	4	7	2	7
7	Diphtheria	52	3	3	3	2	....	4	6	2	4	6	7	12
8	Influenza	514	189	98	49	26	16	8	4	7	11	14	47	45
9	Plague	....	....	....	....	....	....	....	....	....	....	....	....	....
10	Tuberculosis of the respiratory system	2165	180	162	212	186	233	175	182	170	164	164	154	183
11	Other forms of tuberculosis	211	13	18	35	19	21	18	20	13	12	20	6	16
12	Syphilis	200	35	19	23	32	29	17	22	20	25	21	25	22
13	Malaria	1	1	....	....	....	....	....	....	....	....	....	....	....
14	Other infectious and parasitic diseases	310	21	22	34	39	38	17	23	31	28	22	15	20
15	Cancer and other malignant tumors	5007	475	397	445	365	414	386	426	413	425	420	406	435
16	Tumors, nonmalignant, or of which the nature is not specified	191	18	15	20	12	20	14	9	19	20	16	14	14
17	Chronic rheumatism and gout	59	10	5	4	3	2	4	5	7	6	4	3	6
18	Diabetes mellitus	1214	136	90	134	91	101	85	90	89	92	78	98	130
19	Alcoholism (acute or chronic)	98	7	10	8	12	10	5	7	4	4	9	10	12
20	Other general diseases and chronic poisonings	676	57	58	64	73	61	49	70	52	45	46	53	48
21	Progressive locomotor ataxia and general paralysis of the insane	212	30	24	21	21	10	22	15	13	10	18	17	11
22	Cerebral hemorrhage, cerebral embolism and thrombosis	3448	307	329	308	298	296	268	217	259	220	286	308	352
23	Other diseases of the nervous system and of the organs of special sense	657	66	71	78	76	52	44	51	45	27	44	48	55
24	Diseases of the heart	11263	1128	944	1050	995	917	886	807	758	747	871	1027	1133
25	Other diseases of the circulatory system	909	82	73	93	86	70	74	84	59	60	66	67	95
26	Bronchitis	131	17	17	10	9	11	12	8	2	3	17	12	13
27	Pneumonias	2985	540	330	356	265	204	135	113	84	104	179	314	361

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28	Other diseases of the respiratory system (tuberculosis excepted)	296	29	33	30	25	27	23	19	16	21	22	24	27
29	Diarrhea and enteritis	323	25	24	27	15	23	34	24	27	47	33	19	25
30	Appendicitis	535	46	37	56	43	53	42	36	42	52	45	49	34
31	Diseases of the liver and biliary passages	686	70	51	54	69	47	64	47	49	64	60	54	57
32	Other diseases of the digestive system	1077	116	72	100	92	109	78	95	87	81	85	75	87
33	Nephritis	3601	397	312	286	323	334	294	248	261	252	289	304	301
34	Other diseases of the genitourinary system	539	46	34	44	39	49	43	63	50	36	54	45	42
35	Puerperal septicemia	113	13	9	15	10	11	10	10	12	2	4	10	7
36	Other diseases of pregnancy, childbirth and the puerperal state	176	18	15	10	8	25	16	11	14	19	12	13	15
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	141	7	9	12	19	8	13	15	11	12	14	5	16
38	Congenital debility and malformations, premature birth and other diseases of early infancy	1546	125	139	149	130	135	133	124	135	125	111	127	113
39	Senility	142	9	15	12	12	16	10	15	10	10	12	7	14
40	Suicide	709	63	52	63	79	60	59	54	63	65	60	44	47
41	Homicide	199	19	10	18	20	24	22	15	9	19	11	19	13
42	Violent and accidental deaths (suicide and homicide excepted)	2657	224	200	184	192	204	255	213	270	190	250	232	243
43	Cause of death not specified or ill-defined	31	3	5	1	2	1	1	2	1	4	3	5	3
	All causes	43380	4540	3719	4032	3717	3664	3334	3166	3114	3015	3383	3673	4023

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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, 1933

	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
	All causes	43380	2608	384	217	174	129	3512	568	446	684	928	993	1251	1606	2064	2803	3362	3820	4381	4581	4560	3616	2382	1256	565	2
	Both sexes—White	40029	2268	338	197	152	117	3072	521	408	587	787	808	1028	1376	1793	2509	3044	3547	4153	4387	4405	3528	2318	1216	540	2
	Both sexes—Colored	3351	340	46	20	22	12	440	47	38	97	141	185	223	230	271	294	318	273	228	194	155	88	64	40	25	...
	Males—White	21336	1208	175	119	84	69	1745	301	248	331	406	378	542	761	1068	1453	1791	2054	2278	2309	2247	1738	1007	496	178	2
	Males—Colored	1777	193	22	11	11	3	240	27	19	49	65	94	121	135	147	157	174	146	125	102	84	36	31	16	9	...
	Females—White	18693	970	163	78	68	48	1327	220	160	256	381	430	486	612	725	1056	1253	1493	1875	2078	2158	1790	1311	720	362	...
	Females—Colored	1574	147	24	9	11	9	200	20	19	48	76	91	102	95	124	137	144	127	103	92	71	52	33	24	16	...
1	Typhoid and paratyphoid fever—																										
	Total	43	1	....	....	....	....	1	2	2	3	6	10	4	4	5	2	2	1	....	....	1	....	....	....	....	...
	Males—White	24	1	....	....	....	....	1	1	1	2	4	3	1	2	4	2	2	1	....	....	....	....	....	....	....	...
	Males—Colored	6	....	....	....	....	....	....	....	....	....	1	3	2	....	....	....	....	....	....	....	....	....	....	....	....	...
	Females—White	12	....	....	....	....	....	....	1	....	1	1	4	1	2	1	....	....	....	....	....	1	....	....	....	....	...
	Females—Colored	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...
2	Typhus fever—																										
	Total	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...
	Males—White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...
	Males—Colored	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...
	Females—White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...
	Females—Colored	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...
3	Smallpox—																										
	Total	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...
	Males—White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...
	Males—Colored	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...
	Females—White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...
	Females—Colored	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...
4	Measles—																										
	Total	71	15	16	12	5	1	49	19	....	....	1	....	....	....	....	....	1	....	....	....	....	1	....	....	....	...
	Males—White	33	7	6	7	1	1	22	10	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	...
	Males—Colored	3	1	1	1	....	....	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...
	Females—White	33	6	8	4	4	....	22	9	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	...
	Females—Colored	2	1	1	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...

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5	Scarlet fever—																												
	Total	59	2	4	4	8	7	25	17	7	1	1	1	3	1	2			1										
	Males—White	31	2	1	1	5	3	12	11	4				1		2			1										
	Males—Colored																												
	Females—White	27		3	3	2	4	12	6	3	1	1	1	2	1														
	Females—Colored	1				1		1																					
6	Whooping cough—																												
	Total	43	25	10	2	3	2	42	1																				
	Males—White	13	5	5		1	1	12	1																				
	Males—Colored	4	4					4																					
	Females—White	23	14	4	2	2	1	23																					
	Females—Colored	3	2	1				3																					
7	Diphtheria—																												
	Total	52	4	11	6	12	4	37	10	3									1			1							
	Males—White	27	2	8	5	5	1	21	2	3												1							
	Males—Colored																												
	Females—White	25	2	3	1	7	3	16	8										1										
	Females—Colored																												
8	Influenza—																												
	Total	514	37	14	6	5		62	14	6	9	18	20	22	33	25	41	41	25	43	46	37	27	21	19	5			
	Males—White	225	17	5	2	2		26	10	2	6	7	10	9	12	10	24	19	16	19	19	10	13	7	6				
	Males—Colored	17	2		1			3				1		2	2	2	2	2		1		1		1					
	Females—White	256	17	6	3	3		29	4	4	2	9	10	10	19	11	14	18	8	22	27	26	13	13	12	5			
	Females—Colored	16	1	3				4			1	1		1		2	1	2	1	1			1		1				
9	Plague—																												
	Total																												
	Males—White																												
	Males—Colored																												
	Females—White																												
	Females—Colored																												
10	Tuberculosis of the respiratory system—																												
	Total	2165	6	1	2	1		10	7	18	123	235	244	259	203	215	207	202	159	135	75	38	22	13					
	Males—White	1052	1	1	1			3	2	4	33	79	82	93	83	119	131	132	114	91	47	20	14	5					
	Males—Colored	241	2					2		1	20	29	25	39	36	29	18	20	7	7	4	2	1	1					
	Females—White	681	1		1			2	2	6	49	93	102	102	68	49	48	46	34	33	23	13	5	6					
	Females—Colored	191	2			1		3	3	7	21	34	35	25	16	18	10	4	4	4	1	3	2	1					
11	Other forms of tuberculosis—																												
	Total	211	14	18	8	7	6	53	25	9	10	13	15	14	15	11	14	8	4	8	3	5	2		2				
	Males—White	76	4	5	5	2		16	7	3	4	5	5	8	8	5	6	1	1	2	2	2			1				
	Males—Colored	21	1		1	2		4	2			2	2	3		1	1	3	1	1			1						
	Females—White	84	8	8	2	1	3	22	12	5	4	6	4	2	7	4	3	2	2	5	1	3	1		1				
	Females—Colored	30	1	5		2	3	11	4	1	2		4	1		1	4	2											

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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, 1933—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	290	33	3	....	....	1	37	2	....	2	9	13	10	20	24	43	37	26	33	15	13	4	2	....	....	...
	Males—White	125	10	....	....	....	....	10	....	....	1	4	1	6	3	9	24	20	8	21	9	6	3	....	....	....	...
	Males—Colored	53	5	1	....	....	....	6	1	....	....	1	5	1	9	3	7	7	4	3	1	4	1	....	....	....	...
	Females—White	56	6	2	....	....	1	9	....	....	1	1	3	....	4	2	7	8	7	6	3	3	....	2	....	....	...
	Females—Colored	56	12	....	....	....	....	12	1	....	....	3	4	3	4	10	5	2	7	3	2	....	....	....	....	....	...
13	Malaria—																									
	Total	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	...
	Males—White	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	...
	Males—Colored	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...
	Females—White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...
	Females—Colored	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...
14	Other infectious and parasitic diseases—																									
	Total	310	44	12	5	9	6	76	17	19	17	13	12	25	24	13	19	22	12	15	8	8	6	....	2	2	...
	Males—White	147	21	7	1	5	4	38	9	13	8	4	3	10	9	5	9	12	4	8	4	6	4	....	....	1	...
	Males—Colored	12	2	....	....	....	....	2	....	1	....	1	1	2	....	1	....	4	....	....	....	....	....	....	....	....	....	...
	Females—White	136	20	5	4	4	2	35	8	5	7	6	7	10	11	7	10	6	8	6	4	2	2	....	2	....	...
	Females—Colored	15	1	....	....	....	....	1	....	....	2	2	1	3	4	....	....	....	....	1	....	....	....	....	....	1	...
15	Cancer and other malignant tumors—																									
	Total	5007	2	3	2	4	....	11	7	8	16	20	27	43	129	236	404	562	642	763	714	643	425	241	94	22	...
	Males—White	2184	1	2	1	....	....	4	5	4	9	8	10	14	40	71	136	239	265	380	333	311	199	105	41	10	...
	Males—Colored	65	....	....	....	....	....	....	1	....	1	....	1	1	3	4	8	5	13	8	8	7	2	2	1	....	...
	Females—White	2636	1	1	1	3	....	6	1	4	6	12	15	26	80	148	242	293	350	358	364	317	221	133	48	12	...
	Females—Colored	122	....	....	....	1	....	1	....	....	....	....	1	2	6	13	18	25	14	17	9	8	3	1	4	....	...
16	Tumors, nonmalignant, or of which the nature is not specified—																									
	Total	191	1	2	1	1	1	6	2	2	1	10	7	19	15	32	23	22	18	10	6	6	4	2	2	1	...
	Males—White	58	1	1	....	....	1	3	....	....	1	7	4	4	6	5	5	8	6	3	2	3	....	....	1	....	...
	Males—Colored	4	....	....	....	1	....	1	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	...
	Females—White	105	....	1	1	....	....	2	2	2	3	3	1	8	5	21	17	12	10	5	4	2	4	2	1	1	...
	Females—Colored	24	....	....	....	....	....	....	....	....	....	....	1	7	4	5	1	2	1	2	....	1	....	....	....	....	...

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17	Chronic rheumatism and gout—																										
	Total	59						1	1		1		2	2	2	2		6	7	8	16	5	6				
	Males—White	19						1	1				1	1	1			1	6	3	4						
	Males—Colored																										
	Females—White	40									1		1	1	1	2		5	1	5	12	5	6				
	Females—Colored																										
18	Diabetes mellitus—																										
	Total	1214			1	1		2	3	7	8	6	9	9	14	22	68	93	141	260	226	177	115	42	11	1	
	Males—White	416			1			1	2	5	5	3		4	9	10	21	26	50	87	67	64	40	16	5	1	
	Males—Colored	17											3	1			4	3		5		1					
	Females—White	745				1		1	1	2	3	3	4	4	4	12	39	57	85	163	154	108	74	25	6		
	Females—Colored	36											2		1		4	7	6	5	5	4	1	1			
19	Alcoholism (acute or chronic)—																										
	Total	98				1		1					2	13	13	18	10	21	8	3	7	2					
	Males—White	80				1		1					1	11	9	15	7	18	7	3	6	2					
	Males—Colored	11												2	3	2	2	2									
	Females—White	3														1	1				1						
	Females—Colored	4											1		1			1	1								
20	Other general diseases and chronic poisonings—																										
	Total	676	56	10	5	10	9	90	34	39	35	27	28	37	33	48	43	45	51	40	51	47	18	9	1		
	Males—White	275	27	5	2	5	7	46	17	14	16	8	9	13	11	23	20	21	19	9	19	20	9	1			
	Males—Colored	24	10					10	1	2		1	1	2	1	2			3		1						
	Females—White	354	16	5	3	4	2	30	15	21	16	15	17	20	21	21	22	23	27	31	30	27	9	8	1		
	Females—Colored	23	3			1		4	1	2	3	3	1	2		2	1	1	2		1						
21	Progressive locomotor ataxia and general paralysis of the insane—																										
	Total	212				1		1	1	1	2	6	4	4	13	29	33	29	28	24	21	7	7	2			
	Males—White	133				1		1	1		2	1	2	2	11	17	21	16	22	14	12	5	5	1			
	Males—Colored	33								1		2	1	1	1	5	4	5	3	5	4	1					
	Females—White	37										2			1	3	7	8	2	4	4	1	2	1			
	Females—Colored	9										1	1	1		2	1		1	1	1						
22	Cerebral hemorrhage, cerebral embolism and thrombosis—																										
	Total	3448	3	1		1	1	6	1	1	4	6	9	22	27	82	161	258	335	448	518	539	471	323	180	57	
	Males—White	1499								1	3	3	4	7	7	35	59	107	167	192	231	259	204	139	63	18	
	Males—Colored	95					1	1				1		4	2	4	15	12	17	8	10	7	4	6	3	1	
	Females—White	1744	3	1		1		5	1		1	2	5	10	15	36	70	128	136	229	270	264	253	171	111	37	
	Females—Colored	110												1	3	7	17	11	15	19	7	9	10	7	3	1	
23	Other diseases of the nervous system and of the organs of special sense—																										
	Total	657	62	25	11	7	10	115	52	29	21	26	30	27	39	25	34	49	37	53	41	39	18	14	6	2	
	Males—White	354	28	12	6	5	7	58	33	18	13	16	13	12	17	13	21	30	19	27	24	20	12	4	3	1	
	Males—Colored	19	3	1	1		1	6	1		1			1	2	2	1	1	3	1							
	Females—White	266	29	12	4	2	2	49	18	11	7	10	13	14	17	9	12	16	13	24	17	19	5	9	3		
	Females—Colored	18	2					2					4		3	1		2	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, 1933—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	11263	10	2	5	5	8	30	52	59	78	91	110	149	266	392	665	851	1074	1302	1501	1619	1362	932	504	226	...
	Males—White	5627	4	....	3	4	3	14	30	27	33	40	47	62	125	207	363	476	600	727	786	794	651	384	193	68	...
	Males—Colored	352	1	....	1	....	1	3	2	2	1	5	4	13	23	24	43	45	40	47	37	31	12	7	9	4	...
	Females—White	4955	5	2	....	1	2	10	17	26	42	43	50	66	104	136	222	285	398	501	640	768	679	527	294	147	...
	Females—Colored	329	....	....	1	....	2	3	3	4	2	3	9	8	14	25	37	45	36	27	38	26	20	14	8	7	...
25	Other diseases of the circulatory system—																									
	Total	909	4	1	2	....	....	7	1	....	5	1	4	6	22	21	29	39	64	92	104	143	147	98	73	53	...
	Males—White	508	3	....	2	....	....	5	1	....	2	1	2	4	9	14	14	21	36	59	68	82	86	48	35	21	...
	Males—Colored	35	....	....	....	....	....	....	....	....	1	....	....	1	3	5	3	3	4	4	4	3	4	....	....	....	...
	Females—White	348	1	1	....	....	....	2	....	....	2	....	2	1	9	1	10	14	23	24	30	56	56	48	38	32	...
	Females—Colored	18	....	....	....	....	....	....	....	....	....	....	....	....	1	1	2	1	1	5	2	2	1	2	....	....	...
26	Bronchitis—																									
	Total	131	13	1	2	4	....	20	1	....	....	2	2	1	2	5	5	9	15	8	15	8	12	13	8	5	...
	Males—White	72	10	....	2	2	....	14	....	....	....	....	....	1	....	3	5	5	14	2	7	2	6	8	3	2	...
	Males—Colored	5	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	2	....	1	....	....	....	....	....	....	...
	Females—White	48	3	1	....	....	....	4	1	....	....	1	2	....	1	1	....	1	1	5	6	6	6	5	5	3	...
	Females—Colored	6	....	....	....	2	....	2	....	....	....	1	....	....	....	....	....	1	....	....	2	....	....	....	....	....	....	...
27	Pneumonias—																									
	Total	2985	451	136	59	35	18	699	66	39	59	61	67	109	133	155	170	216	212	203	216	221	141	115	63	40	...
	Males—White	1460	218	63	29	16	8	334	26	19	29	25	25	47	67	82	87	124	119	111	118	98	66	50	26	7	...
	Males—Colored	192	40	12	4	2	....	58	4	2	7	7	10	11	11	20	11	19	8	9	7	6	....	2	....	....	...
	Females—White	1178	158	54	19	15	9	255	34	17	19	24	24	38	43	47	65	62	74	79	83	110	73	63	37	31	...
	Females—Colored	155	35	7	7	2	1	52	2	1	4	5	8	13	12	6	7	11	11	4	8	7	2	....	....	2	...
28	Other diseases of the respiratory system (tuberculosis excepted)—																									
	Total	296	20	8	7	2	1	38	9	4	9	10	6	15	15	11	27	36	25	13	20	21	11	10	8	8	...
	Males—White	165	8	4	3	2	1	18	4	2	8	4	2	10	5	6	18	22	17	9	15	9	8	3	2	3	...
	Males—Colored	16	3	....	....	....	....	3	....	....	....	1	1	....	2	....	3	2	2	....	....	....	....	1	....	1	...
	Females—White	106	8	4	4	....	....	16	3	2	1	3	3	5	6	4	6	11	6	4	5	12	3	6	6	4	...
	Females—Colored	9	1	....	....	....	....	1	2	....	....	2	....	....	2	1	....	1	....	....	....	....	....	....	....	....	....	...

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29	Diarrhea and enteritis—																									
	Total	323	172	35	12	7	5	231	9	1	3	4	7	3	4	3	12	6	6	7	6	6	9	3	2	1
	Males—White	168	95	13	7	5	2	122	5	1	1	2	1	1	3	2	5	4	2	5	3	4	5		2	
	Males—Colored	21	14	2		1		17							1			1	1					1		
	Females—White	112	51	17	4	1	2	75	4		2	2	4	1	1	1	5	1	3	2	3	2	3	2		1
	Females—Colored	22	12	3	1		1	17					2				1		1				1			
30	Appendicitis—																									
	Total	535	2	2	7	11	8	30	33	36	32	27	29	35	46	48	50	45	38	37	25	12	9	1	2	
	Males—White	318	2	1	4	7	5	19	15	23	21	16	14	16	29	37	28	30	18	20	15	9	7		1	
	Males—Colored	14							3	1	1	1	1	1	3		1		1	1						
	Females—White	193		1	3	4	3	11	14	12	9	9	14	15	13	11	20	15	18	15	10	3	2	1	1	
	Females—Colored	10							1		1	1		3	1		1		1	1						
31	Diseases of the liver and biliary passages—																									
	Total	686	1		1			2	1	4	3	4	10	21	31	55	70	85	100	95	80	52	45	18	10	
	Males—White	336			1			1		2			2	10	19	30	31	49	50	44	37	30	23	4	4	
	Males—Colored	15								1					1	1	1	3	6	1		1				
	Females—White	318	1					1	1	1	1	3	7	10	11	24	37	31	42	48	42	20	20	13	6	
	Females—Colored	17									2	1	1	1			1	2	2	2	1	1	2	1		
32	Other diseases of the digestive system—																									
	Total	1077	39	14	12	9	5	79	17	10	16	30	24	52	63	88	111	115	95	107	86	81	56	32	12	3
	Males—White	594	22	9	7	4	2	44	9	4	5	16	13	26	36	63	72	65	57	56	42	35	32	12	6	1
	Males—Colored	57	7		1			8		1	1	1	2	3	6	7	3	8	7	5	2	1		2		
	Females—White	395	9	4	4	5	3	25	8	4	6	12	8	18	17	18	32	40	29	44	41	44	24	17	6	2
	Females—Colored	31	1	1				2		1	4	1	1	5	4		4	2	2	2	1	1		1		
33	Nephritis—																									
	Total	3601	7	3	2		3	15	6	17	24	28	31	48	91	131	183	254	364	381	479	539	465	323	150	72
	Males—White	1669	3	2			3	8	1	6	14	14	12	20	36	48	81	119	195	187	229	262	213	143	55	26
	Males—Colored	129	1					1		1	1	1	3	5	6	13	10	16	12	9	19	16	5	7	3	1
	Females—White	1682	3		2			5	5	9	9	13	11	16	41	51	79	104	144	181	219	256	241	170	86	42
	Females—Colored	121		1				1		1			5	7	8	19	13	15	13	4	12	5	6	3	6	3
34	Other diseases of the genitourinary system—																									
	Total	539	5			1		6	3	2	5	23	18	26	30	30	38	19	44	54	69	73	59	21	17	2
	Males—White	315	2			1		3	1	1	2	2	1	2	9	9	13	8	21	35	55	62	56	18	16	1
	Males—Colored	23								1				2	2	2	2	1	3	4	2	3	1			
	Females—White	174	2					2	1		2	14	14	18	16	18	20	9	19	15	12	8	1	3	1	1
	Females—Colored	27	1					1	1		1	7	3	4	3	1	3	1	1				1			
35	Puerperal septicemia—																									
	Total	113									10	28	30	23	16	6										
	Females—White	103									9	24	28	21	15	6										
	Females—Colored	10									1	4	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, 1933—Continued

	CAUSE OF DEATH, SEX, AND COLOR	AGE PERIODS—YEARS																								
		All deaths	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 and over	Age unknown
36	Other diseases of pregnancy, childbirth and the puerperal state—																									
	Total	176	....	....	....	....	....	....	....	1	14	30	35	35	39	18	4	....	....	....	....	....	....	....	....	....	...
	Females—White	158	....	....	....	....	....	....	....	....	11	27	34	29	37	16	4	....	....	....	....	....	....	....	....	....	...
	Females—Colored	18	....	....	....	....	....	....	....	1	3	3	1	6	2	2	....	....	....	....	....	....	....	....	....	....	...
37	Diseases of the skin and cellular tissue and of the bones and organs of locomotion—																									
	Total	141	11	3	1	1	4	20	6	15	7	7	8	4	7	7	9	13	7	6	8	7	6	3	1	....	...
	Males—White	90	6	1	1	....	2	10	5	10	5	4	4	3	6	5	5	6	6	3	6	5	3	3	1	....	...
	Males—Colored	2	....	....	....	1	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	...
	Females—White	46	4	2	....	....	2	8	1	5	2	3	4	1	1	2	3	7	1	2	1	2	3	....	....	....	...
	Females—Colored	3	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	...
38	Congenital debility and malformations, premature birth and other diseases of early infancy—																									
	Total	1546	1519	17	5	1	....	1542	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...
	Males—White	787	773	9	3	....	....	785	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...
	Males—Colored	99	95	3	1	....	....	99	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...
	Females—White	590	582	5	1	....	....	588	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...
	Females—Colored	70	69	....	....	1	....	70	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...
39	Senility—																									
	Total	142	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	2	5	10	27	28	30	38	...
	Males—White	49	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	2	2	12	9	11	12	...
	Males—Colored	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	1	...
	Females—White	84	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	3	7	13	19	17	24	...
	Females—Colored	6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	2	1	...
40	Suicide—																									
	Total	709	....	....	....	....	....	....	....	....	5	20	41	42	55	82	96	94	92	62	53	38	17	12	....	....	...
	Males—White	529	....	....	....	....	....	....	....	....	3	15	18	26	41	57	72	77	74	47	40	34	13	12	....	....	...
	Males—Colored	17	....	....	....	....	....	....	....	....	....	....	6	1	2	2	1	2	1	1	....	....	1	....	....	....	...
	Females—White	159	....	....	....	....	....	....	....	....	2	4	17	15	12	23	23	13	16	14	13	4	3	....	....	....	...
	Females—Colored	4	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	2	1	....	....	....	....	....	....	....	...

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41	Homicide—																										
	Total	199	7	1	....	....	....	8	....	1	8	28	27	33	32	19	16	8	8	2	5	2	1	1	....	....	....
	Males—White	95	3	....	....	....	....	3	....	1	5	12	13	11	18	6	8	5	6	1	4	2	....	....	....	....	....
	Males—Colored	43	....	....	....	....	....	....	....	....	1	4	10	10	6	5	4	1	1	....	....	....	1	....	....	....	....
	Females—White	49	4	1	....	....	....	5	....	....	2	10	4	7	7	6	3	1	1	1	1	....	....	1	....	....	....
	Females—Colored	12	....	....	....	....	....	....	....	....	....	2	....	5	1	2	1	1	....	....	....	....	....	....	....	....	....
42	Violent and accidental deaths (suicide and homicide excepted)—																										
	Total	2657	39	29	36	20	29	153	143	105	151	136	113	136	169	203	211	177	178	165	166	145	124	96	59	27	....
	Males—White	1759	20	14	24	8	18	84	88	79	100	106	77	107	133	154	162	129	136	106	103	80	53	35	21	6	....
	Males—Colored	128	2	1	....	4	....	7	12	5	14	6	14	12	10	11	11	6	9	4	3	....	2	1	....	1	....
	Females—White	726	15	12	12	8	9	56	41	21	36	23	18	15	22	32	33	40	30	52	59	62	69	59	38	20	....
	Females—Colored	44	2	2	....	....	2	6	2	....	1	1	4	2	4	6	5	2	3	3	1	3	....	1	....	....	....
43	Cause of death not specified or ill-defined—																										
	Total	31	3	2	1	2	....	8	2	....	....	....	....	....	....	1	3	2	2	3	4	3	....	1	....	....	2
	Males—White	23	2	1	1	2	....	6	2	....	....	....	....	....	....	1	3	....	2	3	1	3	....	....	....	....	2
	Males—Colored	1	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Females—White	6	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	3	....	....	1	....	....	....
	Females—Colored	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....

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TABLE 18.—DEATHS (exclusive of stillbirths) BY CAUSES, BY DAYS, WEEKS AND MONTHS OF THE FIRST YEAR OF LIFE, IN NEW JERSEY—1933

Abridged International List Number	CAUSE OF DEATH	AGE UNDER 1 YEAR, IN COMPLETED DAYS, WEEKS AND MONTHS													
			DAYS				WEEKS				MONTHS					
		Under 1 Year	Under 1	One	Two	3 to 6	Under 1	One	Two	Three	Under 1	One	Two	3 to 5	6 to 8	9 to 11
	All causes	2608	713	207	110	213	1243	123	86	81	1533	158	141	337	254	185
1	Typhoid and paratyphoid fever	1														1
2	Typhus fever															
3	Smallpox															
4	Measles	15											1	2	5	7
5	Scarlet fever	2												1		1
6	Whooping cough	25										3	2	7	8	5
7	Diphtheria	4													1	3
8	Influenza	37				1	1	3	3		7	5		9	11	5
9	Plague															
10	Tuberculosis of the respiratory system	6													4	2
11	Other forms of tuberculosis	14										1	1	1	7	4
12	Syphilis	33	3		1	3	7	3	2	1	13	5	6	7	1	1
13	Malaria															
14	Other infectious and parasitic diseases	44						1	4	1	6	4	3	12	14	5
15	Cancer and other malignant tumors	2												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	56	3	2	5	7	17	6	2	2	27	5	4	10	6	4
21	Progressive locomotor ataxia and general paralysis of the insane															
22	Cerebral hemorrhage, cerebral embolism and thrombosis	3					1					1		1	1	
23	Other diseases of the nervous system and of the organs of special sense	62				1	1	1	2	2	6	4	2	19	13	18
24	Diseases of the heart	10								1	1	4		4		1
25	Other diseases of the circulatory system	4							1		1			3		
26	Bronchitis	13	1				1			1	2	3	3	1	4	

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27	Pneumonias	451	4	5	3	17	29	7	16	15	67	39	45	127	99	74
28	Other diseases of the respiratory system (tuberculosis excepted)	20	.....	1	.....	.....	1	.....	.....	.....	1	2	1	6	6	4
29	Diarrhea and enteritis	172	.....	1	.....	2	3	2	8	8	21	20	27	47	31	26
30	Appendicitis	2	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	1	.....
31	Diseases of the liver and biliary passages	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
32	Other diseases of the digestive system	39	.....	.....	.....	.....	.....	.....	1	1	2	5	9	12	7	4
33	Nephritis	7	.....	.....	.....	1	1	.....	.....	.....	1	2	1	2	1	.....
34	Other diseases of the genitourinary system	5	.....	.....	.....	.....	.....	1	.....	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	11	.....	.....	.....	.....	.....	.....	2	2	4	1	1	2	2	1
38	Congenital debility and malformations, premature birth and other diseases of early infancy...	1519	699	195	100	179	1173	98	45	45	1361	49	31	47	21	10
39	Senility	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
40	Suicide	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Homicide	7	1	3	1	.....	5	.....	.....	.....	5	.....	.....	1	1	.....
42	Violent and accidental deaths (suicide and homicide excepted)	39	1	.....	.....	2	3	1	.....	.....	4	4	3	10	9	9
43	Cause of death not specified or ill-defined	3	1	.....	.....	.....	1	.....	.....	.....	1	1	.....	1	.....	.....

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TABLE 19.—DEATHS (exclusive of stillbirths) UNDER ONE YEAR OF AGE, BY CAUSES AND MONTHS OF DEATHS, IN NEW JERSEY—1933

Abridged International List Number	CAUSE OF DEATH	Total	MONTH OF DEATH											
			January	February	March	April	May	June	July	August	September	October	November	December
	All causes	2608	294	252	258	223	222	189	166	194	199	184	212	215
1	Typhoid and paratyphoid fever	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
2	Typhus fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Smallpox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Measles	15	3	1	.....	4	2	2	1	.....	1	.....	.....	1
5	Scarlet fever	2	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
6	Whooping cough	25	2	3	2	1	2	.....	1	3	2	3	1	5
7	Diphtheria	4	.....	.....	.....	1	.....	1	.....	.....	.....	.....	1	1
8	Influenza	37	19	9	1	1	2	.....	.....	.....	1	.....	2	2
9	Plague	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	6	.....	.....	1	1	2	.....	1	1	.....	.....	.....	.....
11	Other forms of tuberculosis	14	.....	3	3	1	2	.....	1	3	.....	1	.....	.....
12	Syphilis	33	3	2	.....	8	3	1	.....	2	4	3	4	3
13	Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	44	3	5	7	7	7	2	.....	.....	3	3	3	4
15	Cancer and other malignant tumors	2	.....	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	56	6	8	7	5	2	3	4	3	8	5	3	2
21	Progressive locomotor ataxia and general paralysis of the insane	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	3	.....	1	.....	.....	1	.....	.....	.....	1	.....	.....	.....
23	Other diseases of the nervous system and of the organs of special sense	62	7	8	10	3	11	4	1	4	1	2	5	6
24	Diseases of the heart	10	3	.....	2	.....	3	.....	.....	.....	.....	1	.....	1
25	Other diseases of the circulatory system	4	1	.....	.....	.....	.....	.....	.....	1	1	.....	.....	1

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26	Bronchitis	13	2	6	.....	2	1	1	.....	.....	.....	.....	.....	1
27	Pneumonias	451	94	49	50	44	23	15	13	17	19	28	48	51
28	Other diseases of the respiratory system (tuberculosis excepted)	20	2	2	3	1	2	1	.....	2	1	.....	3	3
29	Diarrhea and enteritis	172	17	14	14	9	11	18	14	13	26	16	8	12
30	Appendicitis	2	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	Diseases of the liver and biliary passages	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
32	Other diseases of the digestive system	39	4	3	3	3	5	4	2	.....	4	5	3	3
33	Nephritis	7	1	.....	1	.....	1	1	.....	2	1	.....	.....	.....
34	Other diseases of the genitourinary system	5	.....	.....	.....	.....	1	.....	.....	.....	2	1	.....	1
35	Puerperal septicemia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
36	Other diseases of pregnancy, childbirth and the puerperal state	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	11	1	.....	.....	.....	1	2	2	1	.....	1	.....	3
38	Congenital debility and malformations, premature birth and other diseases of early infancy	1519	123	132	146	127	132	131	124	135	122	110	127	110
39	Senility	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
40	Suicide	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Homicide	7	.....	.....	2	2	.....	1	1	.....	.....	1	.....	.....
42	Violent and accidental deaths (suicide and homicide excepted)	39	2	3	3	2	6	2	1	6	2	3	4	5
43	Cause of death not specified or ill-defined	3	.....	1	1	.....	.....	.....	.....	1	.....	.....	.....	.....

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

	State Total	Atlantic County	Atlantic City	Hammonton	Pleasantville	Bergen County	Bergenfield	Cliffside Park	Englewood	Fairview	Fort Lee	Garfield	Hackensack
1. Typhoid fever	42	3	2	1	....	1	....	....	....	....	1	....	....
2. Paratyphoid fever	1	1	1	....	....	....	....	....	....	....	....	....	....
3. Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....
4. Relapsing fever	....	....	....	....	....	....	....	....	....	....	....	....	....
5. Undulant fever	2	....	....	....	....	....	....	....	....	....	....	....	....
6. Smallpox	....	....	....	....	....	....	....	....	....	....	....	....	....
7. Measles	71	2	1	....	1	4	....	1	....	....	....	1	....
8. Scarlet fever	59	1	....	....	....	8	....	....	....	1	1	....	....
9. Whooping cough	43	....	....	....	....	....	....	....	....	....	....	....	....
10. Diphtheria	52	....	....	....	....	4	....	1	....	1	....	1	....
11. Influenza	514	19	12	2	2	38	....	3	1	1	....	4	6
12. Cholera	....	....	....	....	....	....	....	....	....	....	....	....	....
13. Dysentery	9	....	....	....	....	....	....	....	....	....	....	....	....
14. Plague	....	....	....	....	....	....	....	....	....	....	....	....	....
15. Erysipelas	63	....	....	....	....	9	....	1	....	....	....	....	3
16. Acute poliomyelitis and acute polioencephalitis	24	....	....	....	....	6	....	....	1	....	....	....	2
17. Lethargic or epidemic encephalitis	36	1	....	....	....	2	....	1	....	....	....	....	....
18. Epidemic cerebro-spinal meningitis	23	....	....	....	....	1	....	....	....	....	....	....	....
19. Glanders	....	....	....	....	....	....	....	....	....	....	....	....	....
20. Anthrax (bacillus anthracis) malignant pustule	1	....	....	....	....	....	....	....	....	....	....	....	....
21. Rabies	....	....	....	....	....	....	....	....	....	....	....	....	....
22. Tetanus	13	....	....	....	....	....	....	....	....	....	....	....	....
23. Tuberculosis of the respiratory system	2165	88	61	3	11	187	2	7	7	4	6	20	14
24. Tuberculosis of the meninges and central nervous system	59	1	....	1	....	5	....	....	1	....	....	1	1
25. Tuberculosis of the intestines and peritoneum	40	2	1	....	....	3	....	....	....	....	....	....	....
26. Tuberculosis of the vertebral column	14	1	1	....	....	....	....	....	....	....	....	....	....
27. Tuberculosis of the bones and joints	10	....	....	....	....	2	....	....	....	....	....	....	....
28. Tuberculosis of the skin and subcutaneous cellular tissue	1	....	....	....	....	....	....	....	....	....	....	....	....
29. Tuberculosis of the lymphatic system	4	....	....	....	....	....	....	....	....	....	....	....	....
30. Tuberculisis of the genitourinary system	17	....	....	....	....	....	....	....	....	....	....	....	....
31. Tuberculosis of other organs	3	....	....	....	....	....	....	....	....	....	....	....	....
32. Disseminated tuberculosis	63	3	2	....	....	2	....	....	1	....	....	....	....
33. Leprosy	....	....	....	....	....	....	....	....	....	....	....	....	....
34. Syphilis	290	19	18	....	1	17	....	....	1	1	....	1	2
35. Gonococcus infection and other venereal diseases	24	4	3	....	....	2	....	....	....	....	....	....	1
36. Purulent infection, septicemia	88	6	4	1	....	8	....	1	1	....	....	....	....
37. Yellow fever	....	....	....	....	....	....	....	....	....	....	....	....	....
38. Malaria	1	....	....	....	....	....	....	....	....	....	....	....	....
39. Other diseases due to protozoal parasites	2	....	....	....	....	....	....	....	....	....	....	....	....
40. Ankylostomiasis	2	....	....	....	....	....	....	....	....	....	....	....	....
41. Hydatid cysts	....	....	....	....	....	....	....	....	....	....	....	....	....
42. Other diseases caused by helminths	4	1	1	....	....	....	....	....	....	....	....	....	....
43. Mycoses	6	1	1	....	....	....	....	....	....	....	....	....	....
44. Other infectious and parasitic diseases	13	....	....	....	....	1	....	....	....	....	....	....	....
45. Cancer and other malignant tumors of the buccal cavity and pharynx	175	10	9	....	....	9	....	1	....	....	....	....	....
46. Cancer and other malignant tumors of the digestive tract and peritoneum	2536	96	42	4	10	211	1	11	4	5	10	16	20
47. Cancer and other malignant tumors of the respiratory system	255	6	4	....	....	24	....	1	2	....	....	1	2
48. Cancer and other malignant tumors of the uterus	565	26	15	....	2	40	2	3	2	....	....	1	4
49. Cancer and other malignant tumors of other female genital organs	101	2	2	....	....	5	....	....	1	....	....	1	1
50. Cancer and other malignant tumors of the breast	528	12	4	1	4	43	....	3	3	....	1	....	1
51. Cancer and other malignant tumors of the male genitourinary organs	387	14	5	....	1	38	2	1	....	....	1	....	9
52. Cancer and other malignant tumors of the skin	82	2	....	....	....	11	....	....	....	....	....	....	1
53. Cancer and other malignant tumors of other or unspecified organs	378	12	7	....	....	33	....	....	....	1	....	....	6

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OF NEW JERSEY AND MUNICIPALITIES OF 5,000 OR MORE INHABITANTS IN 1930. (COUNTY WHICH FOLLOW: 1933

Lodi	North Arlington	Ridgefield Park	Ridgewood	Rutherford	Wallington	Burlington County	Bordentown	Burlington City	Camden County	Audubon	Camden City	Collingswood	Gloucester City	Haddonfield	Cape May County	Cumberland County	Bridgeton	Millville	Vineland	Essex County	Belleville
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3	....	1	2	2	2	12	2	1	44	....	21	....	6	1	2	14	1	1	1	65	4
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12	5	8	4	4	5	45	2	5	140	6	83	6	3	3	12	27	7	6	4	549	18
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2	2	....	1	2	....	8	1	1	22	....	15	....	2	....	5	2	1	....	1	56	2
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....	....	2	....	....	....	2	....	....	14	1	10	....	1	....	3	3	2	....	....	40	1
4	3	6	5	9	5	53	3	7	136	3	65	8	9	6	18	41	7	11	5	554	9
2	1	4	1	....	....	8	....	2	7	2	3	....	....	1	....	5	....	1	1	61	1
....	....	1	....	1	1	11	1	1	42	1	20	2	3	1	7	13	3	1	4	105	2
....	....	....	....	1	....	1	....	....	7	....	2	2	....	1	3	1	....	....	....	24	....
....	....	1	2	5	....	15	2	3	35	2	13	5	2	3	2	6	2	1	....	114	1
....	....	....	2	2	....	11	....	1	24	1	10	1	2	2	6	11	3	4	....	82	3
1	....	....	....	2	....	4	....	....	4	....	4	....	....	....	3	4	1	3	....	18	1
....	2	1	....	3	....	7	....	....	24	....	11	....	....	4	3	5	....	1	1	86	....

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

	Bloomfield	East Orange	Irvington	Montclair	Newark	Nutley	Orange	South Orange	West Orange	Gloucester County	Woodbury
1. Typhoid fever	...	...	2	...	2	1	...	...	1	2	...
2. Paratyphoid fever	...	...	...	...	...	...	...	...	...	...	...
3. Typhus fever	...	...	...	...	...	...	...	...	...	...	...
4. Relapsing fever	...	...	...	...	...	...	...	...	...	...	...
5. Undulant fever	...	...	...	...	...	...	...	...	...	...	...
6. Smallpox	...	...	...	...	...	...	...	...	...	...	...
7. Measles	1	2	2	...	19	...	2	...	2	1	...
8. Scarlet fever	2	1	2	1	4	...	...	...	1	5	...
9. Whooping cough	...	...	...	1	9	...	1	...	...	...	...
10. Diphtheria	...	...	...	...	2	...	...	...	...	2	...
11. Influenza	5	7	3	4	32	2	2	...	2	10	2
12. Cholera	...	...	...	...	...	...	...	...	...	...	...
13. Dysentery	...	...	...	...	1	...	...	...	...	1	...
14. Plague	...	...	...	...	...	...	...	...	...	...	...
15. Erysipelas	...	...	...	...	8	...	...	...	1	...	...
16. Acute poliomyelitis and acute polioencephalitis	...	...	...	2	4	1	...	1	...	...	...
17. Lethargic or epidemic encephalitis	...	2	...	...	4	...	1	...	...	1	...
18. Epidemic cerebrospinal meningitis	...	...	1	...	2	...	1	...	...	2	...
19. Glanders	...	...	...	...	...	...	...	...	...	...	...
20. Anthrax (bacillus anthracis) malignant pustule	..	...	...	...	...	...	...	...	...	...	...
21. Rabies	...	...	...	...	...	...	...	...	...	...	...
22. Tetanus	...	...	...	...	1	...	...	1	...	...	...
23. Tuberculosis of the respiratory system	13	25	16	30	380	4	22	7	9	26	5
24. Tuberculosis of the meninges and central nervous system	...	...	1	2	10	...	...	...	...	1	...
25. Tuberculosis of the intestines and peritoneum	1	...	...	...	9	...	1	...	...	...	...
26. Tuberculosis of the vertebral column	...	...	...	...	3	...	...	...	1	1	...
27. Tuberculosis of the bones and joints	...	...	...	...	2	...	1	...	...	...	...
28. Tuberculosis of the skin and subcutaneous cellular tissue	...	...	...	...	...	...	...	...	...	...	...
29. Tuberculosis of the lymphatic system	...	...	...	...	1	...	...	...	...	...	...
30. Tuberculisis of the genitourinary system	1	...	...	...	5	...	...	...	...	2	...
31. Tuberculosis of other organs	...	...	...	...	...	...	...	...	...	...	...
32. Disseminated tuberculosis	...	1	...	...	19	...	1	...	1	...	...
33. Leprosy	...	...	...	...	...	...	...	...	...	...	...
34. Syphilis	...	1	...	2	42	1	3	...	2	1	...
35. Gonococcus infection and other venereal diseases	1	...	1	1	3	...	1	...	...	...	...
36. Purulent infection, septicemia	...	1	1	2	13	...	2	...	1	2	1
37. Yellow fever	...	...	...	...	...	...	...	...	...	...	...
38. Malaria	...	...	...	...	...	...	...	...	...	1	...
39. Other diseases due to protozoal parasites	...	...	...	...	...	...	...	...	...	...	...
40. Ankylostomiasis	...	...	...	...	...	...	...	...	...	...	...
41. Hydatid cysts	...	...	...	...	...	...	...	...	...	...	...
42. Other diseases caused by helminths	...	1	...	...	...	...	...	...	...	...	...
43. Mycoses	...	...	...	...	1	...	...	...	...	...	...
44. Other infectious and parasitic diseases	...	1	1	...	2	...	...	...	...	...	...
45. Cancer and other malignaut tumors of the											
46. Cancer and other malignant tumors of the buccal cavity and pharynx	4	2	4	3	19	...	...	2	2	3	...
digestive tract and peritoneum	18	65	41	31	283	10	17	17	15	34	4
47. Cancer and other malignant tumors of the respiratory system	4	2	4	3	37	...	3	1	...	2	...
48. Cancer and other malignant tumors of the uterus	4	8	10	8	52	2	6	1	3	10	2
49. Cancer and other malignant tumors of other female genital organs	...	3	1	1	13	1	2	...	1	1	...
50. Cancer and other malignant tumors of the breast	11	13	2	8	45	2	6	6	5	7	2
51. Cancer and other malignant tumors of the male genitourinary organs	5	8	2	5	41	...	6	3	3	2	1
52. Cancer and other malignant tumors of the skin	1	5	2	1	5	...	1	...	1	1	...
53. Cancer and other malignant tumors of other or unspecified organs	6	7	2	6	46	2	4	1	5	14	1

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OF NEW JERSEY AND MUNICIPALITIES OF 5,000 OR MORE INHABITANTS IN 1930. (COUNTY WHICH FOLLOW: 1933—Continued

Hudson County	Bayonne	Guttenberg	Harrison	Hoboken	Jersey City	Kearny	Secaucus	Union City	West New York	Hunterdon County	Lambertville	Mercer County	Princeton	Trenton	Middlesex County	Carteret	Highland Park	New Brunswick	Perth Amboy	Sayreville	South Amboy
1	....	....	....	....	1	....	....	....	....	....	....	4	....	2	1	....	....	....	....	....	....
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5	1	....	1	....	1	....	....	....	1	1	....	4	....	1	1	....	....	....	1	....	....
7	....	....	....	....	6	....	....	....	1	....	....	8	....	3	3	....	....	....	1	....	....
19	....	....	1	6	9	....	....	2	1	....	....	....	....	....	....	....	....	....	....	....	....
58	10	1	4	4	25	3	1	4	2	8	2	19	....	9	26	4	1	5	6	....	1
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15	1	....	....	1	6	1	....	1	2	1	....	5	....	2	2	1	....	....	....	....	1
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6	1	....	....	1	1	....	....	1	....	....	....	2	....	2	1	....	....	....	....	....	....
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349	36	3	5	26	197	12	1	21	19	12	2	113	6	84	97	7	2	16	23	3	3
14	3	....	....	1	6	....	....	1	....	....	....	5	....	3	1	....	....	1	....	....	....
5	....	....	....	1	4	....	....	....	....	....	....	4	....	4	1	....	....	....	1	....	....
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11	....	....	1	2	4	....	....	1	....	....	....	3	....	3	2	....	....	....	2	....	....
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52	1	....	....	9	28	2	1	6	....	2	....	14	....	10	15	1	1	5	5	1	....
4	....	....	....	....	3	....	....	1	....	....	....	....	....	....	1	....	....	1	....	....	....
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34	4	....	....	3	20	....	....	3	1	2	....	5	....	3	11	....	....	2	2	1	1
436	43	4	5	38	216	28	6	46	12	25	2	110	5	70	111	6	6	15	22	6	6
51	2	....	....	3	27	5	....	6	5	3	....	7	1	3	16	3	1	5	5	....	....
95	4	....	3	11	50	6	1	9	6	11	2	24	....	17	20	1	....	6	3	....	....
24	3	....	....	3	8	1	....	3	4	1	....	2	1	1	9	1	2	3	1	....	....
73	1	....	1	7	42	9	2	5	1	8	....	19	2	12	20	1	....	3	5	1	....
50	4	....	....	8	29	1	....	4	2	3	1	10	1	6	21	....	2	6	3	1	1
7	....	....	....	....	5	1	....	....	1	3	....	3	....	3	4	....	....	1	....	....	....
59	10	....	....	6	29	4	....	2	1	3	....	17	....	14	24	2	....	2	10	1	....

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

	South River	Monmouth County	Asbury Park	Long Branch	Red Bank	Morris County	Dover	Madison	Morristown	Ocean County	Passaic County
1. Typhoid fever	....	3	1	.....	.....	2	.....	.....	.....	1	....
2. Paratyphoid fever	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
3. Typhus fever	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
4. Relapsing fever	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
5. Undulant fever	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
6. Smallpox	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
7. Measles	....	.....	.....	.....	.....	4	.....	1	.....	.....	1
8. Scarlet fever	....	1	.....	.....	.....	3	.....	.....	.....	.....	5
9. Whooping cough	....	.....	.....	.....	.....	1	.....	.....	.....	.....	2
10. Diphtheria	....	1	.....	.....	.....	1	.....	.....	.....	.....	13
11. Influenza	....	24	6	.....	3	14	.....	.....	.....	5	58
12. Cholera	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
13. Dysentery	....	.....	.....	.....	.....	1	.....	.....	.....	.....	....
14. Plague	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
15. Erysipelas	....	1	.....	1	.....	1	.....	.....	.....	.....	4
16. Acute poliomyelitis and acute polioencephalitis	....	3	.....	1	.....	.....	.....	.....	.....	.....	2
17. Lethargic or epidemic encephalitis	....	2	.....	1	.....	.....	.....	.....	.....	.....	1
18. Epidemic cerebrospinal meningitis	....	1	.....	.....	.....	1	.....	.....	.....	.....	3
19. Glanders	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
20. Anthrax (bacillus anthracis) malignant pustule	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
21. Rabies	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
22. Tetanus	....	1	.....	.....	.....	1	.....	.....	.....	.....	1
23. Tuberculosis of the respiratory system	8	76	19	6	7	51	7	3	10	26	153
24. Tuberculosis of the meninges and central nervous system	....	3	.....	.....	.....	3	.....	1	.....	.....	5
25. Tuberculosis of the intestines and peritoneum	....	1	.....	.....	.....	1	.....	.....	1	.....	....
26. Tuberculosis of the vertebral column	....	.....	.....	.....	.....	.....	.....	.....	.....	1	2
27. Tuberculosis of the bones and joints	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
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	1	.....	.....	.....	.....	....
31. Tuberculosis of other organs	....	1	.....	1	.....	.....	.....	.....	.....	.....	....
32. Disseminated tuberculosis	....	2	.....	.....	1	1	.....	.....	.....	.....	4
33. Leprosy	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
34. Syphilis	....	21	3	4	2	8	1	1	3	3	21
35. Gonococcus infection and other venereal diseases	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
36. Purulent infection, septicemia	....	3	.....	1	.....	4	.....	.....	1	2	4
37. Yellow fever	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
38. Malaria	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
39. Other diseases due to protozoal parasites	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
40. Ankylostomiasis	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
41. Hydatid cysts	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
42. Other diseases caused by helminths	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
43. Mycoses	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
44. Other infectious and parasitic diseases	....	.....	.....	.....	.....	.....	.....	.....	.....	1	1
45. Cancer and other malignant tumors of the buccal cavity and pharynx	....	9	3	.....	1	1	.....	.....	1	....	18
46. Cancer and other malignant tumors of the digestive tract and peritoneum	5	124	14	8	11	70	10	7	7	30	177
47. Cancer and other malignant tumors of the respiratory system	....	9	2	2	2	5	.....	.....	1	2	17
48. Cancer and other malignant tumors of the uterus	....	25	3	.....	.....	18	4	1	2	10	31
49. Cancer and other malignant tumors of other female genital organs	....	1	.....	1	.....	2	.....	.....	.....	3	8
50. Cancer and other malignant tumors of the breast	1	28	4	1	1	24	1	4	4	2	48
51. Cancer and other malignant tumors of the male genitourinary organs	2	15	3	1	1	12	3	.....	1	10	27
52. Cancer and other malignant tumors of the skin	....	4	.....	1	.....	1	.....	.....	.....	2	2
53. Cancer and other malignant tumors of other or unspecified organs	....	16	3	2	.....	10	1	.....	3	3	24

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OF NEW JERSEY AND MUNICIPALITIES OF 5,000 OR MORE INHABITANTS IN 1930. (COUNTY WHICH FOLLOW: 1933—Continued

Clifton City	Hawthorne	Passaic City	Paterson	Salem County	Salem City	Somerset County	Bound Brook	North Plainfield	Somerville	Sussex County	Union County	Elizabeth	Linden	Plainfield	Rahway	Roselle	Roselle Park	Summit	Westfield	Warren County	Phillipsburg
....	....	....	....	2	1	4	1	....	....	....	2	....	....	2	....	....	....	....	....	....	....
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1	....	....	12	1	....	1	1	....	....	....	1	....	....	1	....	....	....	....	....	....	....
13	2	9	25	10	2	6	....	1	1	9	62	27	2	5	10	2	2	5	....	11	2
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27	5	31	69	19	10	26	3	4	1	8	138	57	6	14	7	5	7	3	6	23	13
1	....	....	2	....	....	....	....	....	....	....	2	1	....	1	....	....	....	....	....	1	1
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3	....	6	10	3	2	2	1	....	....	....	15	2	2	1	....	1	1	1	....	4	....
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1	....	....	3	....	....	3	1	1	....	1	8	5	....	....	1	....	....	....	....	3	....
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1	....	1	11	....	....	2	....	....	....	1	11	6	....	....	....	....	....	....	2	2	....
19	4	32	102	27	4	42	3	9	4	17	193	68	1	25	18	10	9	12	12	31	10
2	....	5	9	3	1	6	....	....	1	1	21	13	1	2	2	....	....	1	....	1	....
4	....	6	13	8	3	7	4	1	....	7	43	14	1	3	4	2	2	4	1	12	7
3	1	....	2	1	....	....	....	....	....	2	2	....	....	....	....	....	....	....	....	2	1
5	4	9	24	5	1	11	1	1	....	8	44	15	1	5	3	3	....	5	5	9	2
5	....	3	17	4	1	5	....	1	....	3	34	12	....	6	1	1	2	2	4	5	....
1	....	....	1	2	1	....	....	....	....	2	5	4	....	1	....	....	....	....	....	....	....
4	....	7	12	1	....	6	2	....	....	4	21	5	....	4	1	1	1	....	1	6	....

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

	State Total	Atlantic County	Atlantic City	Hammonton	Pleasantville	Bergen County	Bergenfield	Cliffside Park	Englewood	Fairview	Fort Lee	Garfield	Hackensack
54. Nonmalignant tumors	130	7	3	....	2	8	....	....	....	....	....	....	....
55. Tumors of which the nature is not specified	61	1	1	....	....	6	....	....	....	....	....	....	2
56. Acute rheumatic fever	163	6	6	....	....	8	....	....	1	....	....	....	....
57. Chronic rheumatism, **osteoarthritis**	57	2	1	1	....	2	....	....	....	....	....	1	....
58. Gout	2	1	....	1	....	....	....	....	....	....	....	....	....
59. Diabetes mellitus	1214	43	29	3	2	106	4	2	7	3	5	8	4
60. Scurvy	1	....	....	....	....	....	....	....	....	....	....	....	....
61. Beriberi	....	....	....	....	....	....	....	....	....	....	....	....	....
62. Pellagra	6	....	....	....	....	....	....	....	....	....	....	....	....
63. Rickets	9	2	1	....	....	....	....	....	....	....	....	....	....
64. Osteomalacia	1	....	....	....	....	....	....	....	....	....	....	....	....
65. Diseases of the **pituitary body**	1	....	....	....	....	....	....	....	....	....	....	....	....
66. Diseases of the thyroid and parathyroid glands	132	8	5	....	1	12	....	1	1	....	....	2	1
67. Diseases of the thymus gland	32	1	....	....	....	6	....	....	....	....	....	....	....
68. Diseases of the adrenals	18	1	1	....	....	2	....	....	....	....	....	....	....
69. Other general diseases	9	....	....	....	....	1	....	....	....	....	....	....	1
70. Hemorrhagic conditions	28	2	1	....	....	1	....	....	....	....	....	....	....
71. Anemias	90	3	1	....	....	12	....	....	1	....	....	....	....
72. Leukemias and pseudoleukemias	151	3	2	....	....	14	1	1	1	1	....	2	....
73. Diseases of the spleen	14	1	1	....	....	1	....	....	....	....	....	....	1
74. Other diseases of the blood and blood-making organs	10	2	2	....	....	....	....	....	....	....	....	....	....
75. Alcoholism	98	7	6	....	....	2	....	....	....	....	....	1	....
76. Chronic poisoning by other organic substances	1	....	....	....	....	1	....	....	....	....	....	....	....
77. Chronic poisoning by mineral substances	10	1	1	....	....	....	....	....	....	....	....	....	....
78. Encephalitis	53	1	....	....	1	3	1	....	....	....	....	....	....
79. Meningitis	84	4	4	....	....	7	1	....	....	1	....	1	....
80. Progressive locomotor ataxia	43	2	....	....	....	4	....	....	1	....	....	....	....
81. Other diseases of the spinal cord	109	5	3	....	1	3	....	....	....	....	....	....	....
82. Cerebral hemorrhage, cerebral embolism and thrombosis	3448	147	88	6	7	283	4	5	17	4	10	13	22
83. General paralysis of the insane	169	9	7	....	....	7	....	1	1	....	....	....	....
84. Dementia praecox and other psychoses	42	....	....	....	....	3	1	....	....	....	....	....	....
85. Epilepsy	62	2	....	....	1	4	....	....	....	....	....	....	....
86. Convulsions (under 5 years of age)	19	....	....	....	....	1	....	....	....	....	....	....	....
87. Other diseases of the nervous system	128	6	3	....	....	9	....	....	....	....	2	2	....
88. Diseases of the organs of vision	1	....	....	....	....	1	....	....	....	....	....	....	....
89. Diseases of the ear and of the mastoid process	159	5	2	1	....	18	....	2	2	....	....	1	1
90. Pericarditis	21	....	....	....	....	....	....	....	....	....	....	....	....
91. Acute endocarditis	158	9	6	....	....	11	1	....	....	....	....	....	....
92. Chronic endocarditis, valvular diseases	1975	83	38	3	9	140	2	4	8	3	6	8	12
93. Diseases of the myocardium	5962	239	106	23	26	494	21	24	31	11	22	20	32
94. Diseases of the coronary arteries and angina pectoris	1477	71	37	3	7	155	1	2	10	2	1	5	14
95. Other diseases of the heart	1670	84	54	....	11	84	1	3	5	2	1	6	7
96. Aneurysm	54	2	2	....	....	4	....	....	....	....	....	....	....
97. Arterio sclerosis	620	21	14	....	1	43	....	....	2	1	1	2	4
98. Gangrene	23	1	....	....	....	2	....	....	....	....	1	....	....
99. Other diseases of the arteries	159	6	4	....	....	12	....	....	1	....	1	1	1
100. Diseases of the veins	31	1	1	....	....	3	....	....	....	1	....	....	1
101. Diseases of the lymphatic system	7	....	....	....	....	....	....	....	....	....	....	....	....
102. Idiopathic anomalies of the blood-pressure	10	2	2	....	....	....	....	....	....	....	....	....	....
103. Other diseases of the circulatory system	5	....	....	....	....	1	....	....	....	....	....	....	....
104. Diseases of the nasal fossae and annexae	26	1	1	....	....	3	....	....	....	....	....	1	....
105. Diseases of the **larynx**	14	2	1	....	1	....	....	....	....	....	....	....	....
106. Bronchitis	131	7	4	....	....	13	....	....	....	....	....	1	1
107. Broncho pneumonia	1131	41	30	2	....	71	2	2	3	....	2	7	6
108. Lobar pneumonia	1761	58	36	3	3	159	....	5	10	5	7	6	12

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OF NEW JERSEY AND MUNICIPALITIES OF 5,000 OR MORE INHABITANTS IN 1930. (COUNTY WHICH FOLLOW: 1933—Continued

Lodi	North Arlington	Ridgefield Park	Ridgewood	Rutherford	Wallington	Burlington County	Bordentown	Burlington City	Camden County	Audubon	Camden City	Collingswood	Gloucester City	Haddonfield	Cape May County	Cumberland County	Bridgeton	Millville	Vineland	Essex County	Belleville
....	....	....	1	1	....	2	....	....	1	1	....	....	....	....	....	4	2	....	1	36	1
....	....	....	....	....	....	3	....	1	1	....	1	....	....	....	....	....	....	....	....	15	2
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1	2	6	3	6	4	23	....	6	69	3	25	8	4	3	15	26	4	7	4	254	3
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6	5	7	12	19	6	97	9	13	195	6	77	10	13	12	42	84	15	29	4	620	14
....	....	....	....	2	1	2	....	1	12	....	7	....	1	....	1	....	....	....	....	39	1
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1	3	7	3	4	3	56	....	8	148	5	75	10	9	6	23	58	21	8	3	329	15
9	6	27	21	16	7	188	7	17	400	13	182	22	15	19	71	129	30	30	14	1051	41
2	3	1	9	13	2	35	2	10	69	4	23	3	4	3	14	29	8	7	1	359	3
....	1	1	2	4	....	32	8	4	71	2	36	3	5	1	7	27	7	6	6	412	7
....	....	....	....	....	....	2	....	1	4	1	3	....	....	....	....	....	....	....	....	22	....
1	1	....	1	6	....	21	3	4	30	....	7	4	2	2	11	7	2	2	1	105	2
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3	2	2	2	4	2	20	1	3	75	1	46	1	4	5	9	17	4	....	3	206	8
2	2	5	2	9	4	36	3	8	110	2	65	2	9	3	18	18	4	3	2	378	13

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

	Bloomfield	East Orange	Irvington	Montclair	Newark	Nutley	Orange	South Orange	West Orange	Gloucester County	Woodbury
54. Nonmalignant tumors	1	3	2	2	19	1	2	.....	1	4	1
55. Tumors of which the nature is not specified	...	2	.....	.....	6	1	.....	1	1	.....	.....
56. Acute rheumatic fever	2	.....	1	.....	32	.....	3	.....	.....	3	.....
57. Chronic rheumatism, osteoarthritis	...	1	1	.....	6	.....	1	.....	.....	2	.....
58. Gout	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59. Diabetes mellitus	7	13	23	15	143	3	8	5	7	17	2
60. Scurvy	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
61. Beriberi	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
62. Pellagra	...	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
63. Rickets	...	.....	.....	.....	2	.....	1	.....	.....	.....	.....
64. Osteomalacia	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
65. Diseases of the pituitary body	...	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
66. Diseases of the thyroid and parathyroid glands	...	3	2	1	9	.....	.....	.....	1	4	.....
67. Diseases of the thymus gland	1	1	.....	1	3	.....	.....	.....	1	.....	.....
68. Diseases of the adrenals	1	2	.....	.....	3	.....	.....	.....	.....	.....	.....
69. Other general diseases	...	.....	.....	.....	.....	.....	.....	.....	2	1	.....
70. Hemorrhagic conditions	...	.....	.....	.....	4	.....	.....	1	.....	2	.....
71. Anemias	...	.....	1	.....	11	.....	2	.....	1	.....	.....
72. Leukemias and pseudoleukemias	...	3	2	2	24	.....	1	1	2	.....	.....
73. Diseases of the spleen	...	.....	.....	.....	2	1	.....	.....	.....	.....	.....
74. Other diseases of the blood and blood-making organs	...	.....	.....	.....	1	.....	.....	.....	1	.....	.....
75. Alcoholism	...	.....	1	.....	13	.....	.....	.....	.....	.....	.....
76. Chronic poisoning by other organic substances	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
77. Chronic poisoning by mineral substances	...	1	.....	.....	1	.....	.....	.....	.....	.....	.....
78. Encephalitis	...	1	.....	.....	8	.....	2	.....	.....	.....	.....
79. Meningitis	2	2	1	.....	7	2	1	.....	1	1	1
80. Progressive locomotor ataxia	...	1	.....	.....	4	1	.....	.....	2	1	.....
81. Other diseases of the spinal cord	...	3	3	.....	5	.....	4	2	.....	3	.....
82. Cerebral hemorrhage, cerebral embolism and thrombosis	31	74	27	47	297	14	26	18	16	97	9
83. General paralysis of the insane	...	3	.....	3	30	.....	1	1	.....	5	2
84. Dementia praecox and other psychoses	...	1	.....	.....	8	.....	2	.....	1	1	.....
85. Epilepsy	1	1	.....	1	6	.....	.....	1	.....	2	.....
86. Convulsions (under 5 years of age)	...	1	.....	.....	2	.....	1	.....	.....	2	.....
87. Other diseases of the nervous system	...	4	.....	3	13	1	2	1	1	2	1
88. Diseases of the organs of vision	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
89. Diseases of the ear and of the mastoid process	2	3	2	1	20	.....	1	1	.....	2	.....
90. Pericarditis	1	.....	1	.....	3	.....	.....	.....	.....	2	.....
91. Acute endocarditis	6	4	2	1	24	.....	1	.....	3	4	1
92. Chronic endocarditis, valvular diseases	13	29	11	16	169	15	19	1	20	44	9
93. Diseases of the myocardium	48	80	72	51	580	21	38	19	32	112	12
94. Diseases of the coronary arteries and angina pectoris	23	50	11	29	166	7	16	10	12	21	7
95. Other diseases of the heart	6	19	27	13	307	3	10	4	2	23	3
96. Aneurysm	...	.....	3	1	16	.....	.....	.....	1	.....	.....
97. Arterio sclerosis	2	10	5	2	73	2	2	1	1	9	1
98. Gangrene	...	.....	.....	.....	2	.....	.....	.....	1	.....	.....
99. Other diseases of the arteries	1	6	4	4	22	.....	3	1	3	.....	.....
100. Diseases of the veins	...	.....	.....	.....	3	.....	.....	.....	.....	.....	.....
101. Diseases of the lymphatic system	...	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
102. Idiopathic anomalies of the blood-pressure	...	.....	.....	.....	1	.....	.....	1	.....	.....	.....
103. Other diseases of the circulatory system	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
104. Diseases of the nasal fossae and annexae	...	2	.....	.....	.....	.....	.....	.....	.....	1	.....
105. Diseases of the larynx	...	2	.....	.....	.....	.....	.....	1	.....	.....	.....
106. Bronchitis	...	1	1	1	15	.....	.....	.....	1	6	.....
107. Broncho pneumonia	7	9	10	2	138	1	3	2	6	22	2
108. Lobar pneumonia	11	24	11	20	225	9	21	3	11	22	3

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OF NEW JERSEY AND MUNICIPALITIES OF 5,000 OR MORE INHABITANTS IN 1930. (COUNTY WHICH FOLLOW: 1933—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
22	2	....	....	1	14	1	....	2	1	1	1	9	....	6	1	....	....	....	....	....	....
14	2	....	1	....	8	....	....	....	1	1	....	1	....	1	1	1	....	....	....	....	....
35	10	1	3	....	11	....	....	6	1	2	....	10	1	5	6	....	1	1	2	....	1
6	1	....	....	....	5	....	....	....	....	1	....	3	....	1	2	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....
207	15	1	5	20	112	6	5	20	10	18	2	48	2	32	41	2	1	9	12	1	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
25	4	....	....	5	12	....	....	2	....	1	1	4	....	2	6	....	1	2	....	....	....
....	....	....	....	....	....	....	....	....	....	1	....	2	....	2	2	....	....	....	....	....	....
3	....	....	....	1	1	....	....	....	1	1	....	2	....	1	....	....	....	....	....	....	....
3	....	....	....	1	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....
5	....	....	....	....	3	....	....	....	1	....	....	1	....	1	....	....	....	....	....	....	....
14	2	....	....	....	7	1	....	3	....	1	1	5	....	4	3	....	....	1	1	....	....
29	4	1	....	3	12	2	....	4	1	3	1	1	....	1	9	....	1	2	1	....	....
1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	....	....	....	....	1	....	....	....	....	....	....	1	1	....	1	....	....	1	....	....	....
17	1	....	....	2	10	....	....	4	....	1	....	8	....	7	4	....	....	1	2	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2	....	....	....	....	....	....	....	1	1	....	....	1	....	1	....	....	....	....	....	....	....
7	....	....	2	1	2	....	....	1	....	1	....	3	....	2	5	....	....	....	....	1	1
18	2	2	....	2	6	1	....	3	1	2	....	5	....	3	5	1	....	1	1	....	....
4	....	....	....	1	2	....	....	....	....	1	1	1	....	1	2	1	....	....	....	....	....
16	1	....	....	....	5	1	....	6	....	1	....	6	....	2	5	1	....	1	1	....	....
482	51	5	11	50	236	24	2	54	17	67	12	167	9	109	150	5	8	23	21	10	11
39	2	1	1	10	18	1	1	1	3	....	....	7	1	4	11	....	....	5	1	1	....
14	1	....	....	1	7	2	....	....	1	....	....	1	....	1	....	....	....	....	....	....	....
4	....	....	....	1	2	....	....	1	....	2	2	....	....	....	4	....	....	1	....	....	....
2	1	....	....	....	1	....	....	....	....	....	....	....	....	....	2	....	....	....	1	1	....
25	5	1	....	....	12	1	....	2	2	1	....	9	....	5	4	....	1	1	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
21	2	....	2	2	9	....	1	3	....	2	....	8	....	7	6	....	2	1	1	....	....
4	....	....	....	....	2	2	....	....	....	....	....	....	....	....	3	....	....	....	....	1	....
30	7	1	1	....	14	2	....	3	1	2	....	4	....	4	6	1	....	2	....	....	....
231	20	1	3	27	112	14	1	24	8	36	7	79	6	46	83	3	2	12	18	4	5
1206	100	11	27	140	564	90	10	102	60	55	7	319	12	211	253	5	8	40	61	6	9
132	15	1	....	12	68	8	2	8	7	13	2	69	2	47	46	....	3	11	4	2	4
339	46	3	9	12	211	10	4	17	11	22	3	41	3	26	116	....	6	33	11	4	6
5	....	....	....	....	4	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....
87	10	1	1	10	40	3	2	9	5	12	1	43	1	34	29	1	1	7	3	3	3
4	....	....	....	....	4	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....
13	3	....	....	1	6	1	....	....	1	2	....	20	....	15	3	1	....	1	....	....	....
8	....	1	....	2	2	1	....	1	....	....	....	4	1	2	....	....	....	....	....	....	....
1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....
3	....	....	....	1	1	....	....	....	1	....	....	....	....	....	1	....	....	....	1	....	....
2	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....
8	2	....	....	....	4	....	....	1	....	....	....	2	....	2	1	....	....	1	....	....	....
3	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	1	....	....	....
17	4	....	....	1	6	3	1	1	1	1	1	10	1	8	9	1	....	1	....	....	....
232	20	2	3	18	135	15	5	16	10	20	5	48	2	33	51	3	2	15	5	3	1
300	41	3	3	33	140	16	2	23	15	11	....	91	8	57	94	6	4	28	13	....	4

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

	South River	Monmouth County	Asbury Park	Long Branch	Red Bank	Morris County	Madison	Madison	Morristown	Ocean County	Passaic County
54. Nonmalignant tumors	....	7	1	1	.....	4	1	.....	.....	1	11
55. Tumors of which the nature is not specified	....	2	1	.....	.....	1	.....	.....	.....	1	6
56. Acute rheumatic fever	....	3	.....	.....	1	3	.....	2	....	3	8
57. Chronic rheumatism, osteoarthritis	....	4	1	1	.....	4	1	1	.....	....	6
58. Gout	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59. Diabetes mellitus	4	58	4	4	2	34	7	1	3	15	103
60. Scurvy	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
61. Beriberi	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
62. Pellagra	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
63. Rickets	....	.....	.....	.....	.....	.....	.....	.....	.....	....	1
64. Osteomalacia	....	.....	.....	.....	.....	1	.....	.....	.....	.....	....
65. Diseases of the pituitary body	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
66. Diseases of the thyroid and parathyroid glands	....	6	.....	.....	1	4	.....	.....	.....	....	9
67. Diseases of the thymus gland	1	1	.....	.....	.....	3	.....	.....	.....	2	2
68. Diseases of the adrenals	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
69. Other general diseases	....	.....	.....	.....	.....	.....	.....	.....	.....	1	1
70. Hemorrhagic conditions	....	1	.....	.....	.....	1	.....	.....	.....	....	4
71. Anemias	....	2	1	.....	.....	3	1	.....	.....	....	6
72. Leukemias and pseudoleukemias	....	11	.....	1	1	1	.....	.....	.....	3	10
73. Diseases of the spleen	....	.....	.....	.....	.....	1	.....	1	.....	....	1
74. Other diseases of the blood and blood-making organs	....	1	.....	.....	.....	.....	.....	.....	.....	....	....
75. Alcoholism	....	4	.....	1	.....	2	.....	.....	1	1	6
76. Chronic poisoning by other organic substances	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
77. Chronic poisoning by mineral substances	....	.....	.....	.....	.....	1	.....	.....	1	....	1
78. Encephalitis	....	5	1	1	1	1	.....	.....	.....	....	1
79. Meningitis	1	4	.....	.....	.....	6	.....	2	.....	1	6
80. Progressive locomotor ataxia	....	2	.....	1	.....	2	.....	.....	1	....	2
81. Other diseases of the spinal cord	....	9	2	1	.....	3	.....	.....	.....	1	7
82. Cerebral hemorrhage, cerebral embolism and thrombosis	5	171	23	20	5	120	8	8	23	50	257
83. General paralysis of the insane	2	5	2	.....	.....	5	.....	.....	1	....	9
84. Dementia praecox and other psychoses	....	.....	.....	.....	.....	1	.....	.....	.....	....	4
85. Epilepsy	....	2	1	.....	.....	2	1	.....	.....	....	4
86. Convulsions (under 5 years of age)	....	3	.....	1	.....	.....	.....	.....	.....	.....	2
87. Other diseases of the nervous system	....	12	2	2	.....	4	1	.....	.....	1	8
88. Diseases of the organs of vision	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
89. Diseases of the ear and of the mastoid process	....	5	.....	2	.....	8	1	.....	1	2	13
90. Pericarditis	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
91. Acute endocarditis	....	5	2	1	1	3	.....	.....	1	1	11
92. Chronic endocarditis, valvular diseases	2	111	14	12	6	76	9	7	6	34	198
93. Diseases of the myocardium	11	261	26	27	28	174	19	11	29	33	338
94. Diseases of the coronary arteries and angina pectoris	2	83	12	11	7	64	7	6	16	33	103
95. Other diseases of the heart	....	109	12	16	2	14	.....	.....	1	18	82
96. Aneurysm	....	2	.....	.....	1	1	.....	.....	.....	2	2
97. Arterio sclerosis	1	36	2	2	1	20	2	1	3	14	63
98. Gangrene	....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
99. Other diseases of the arteries	....	9	.....	2	.....	5	.....	.....	.....	2	15
100. Diseases of the veins	....	1	.....	.....	.....	.....	.....	.....	.....	.....	3
101. Diseases of the lymphatic system	....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
102. Idiopathic anomalies of the blood-pressure	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
103. Other diseases of the circulatory system	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
104. Diseases of the nasal fossae and annexae	....	2	.....	.....	.....	.....	.....	.....	.....	.....	1
105. Diseases of the larynx	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
106. Bronchitis	1	2	.....	1	.....	1	.....	.....	1	5	3
107. Broncho pneumonia	2	37	3	4	4	35	3	1	8	8	79
108. Lobar pneumonia	6	63	12	8	2	59	4	7	10	18	133

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OF NEW JERSEY AND MUNICIPALITIES OF 5,000 OR MORE INHABITANTS IN 1930. (COUNTY WHICH FOLLOW: 1933—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
3	1	3	4	3	1	3	....	1	1	....	6	3	....	1	....	1	....	1	....	....	....
2	....	1	2	....	....	1	....	....	1	....	6	1	....	1	....	....	....	1	1	1	....
2	....	2	2	1	....	2	....	....	....	2	13	5	....	3	2	....	1	....	....	1	....
1	2	....	2	1	....	2	....	1	1	1	4	2	....	1	....	....	....	....	1	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
15	1	17	55	11	4	23	2	5	5	11	73	28	4	7	5	1	3	3	5	19	6
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	1	....	1	....	....	3	1	1	....	....	....	....	1	....	....	....
....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....
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....	....	2	7	2	....	1	....	....	....	1	13	2	1	1	1	2	....	....	1	1	1
....	1	1	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	1	1	....	....	1	....	....	....	....	....	....	....
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	2	1	2	....	1	....	1	....	....	3	1	1	1	....	....	....	....	....	....	....
1	....	2	1	3	....	1	....	....	....	....	12	7	....	....	2	....	....	1	....	....	....
2	1	3	3	1	1	1	1	....	....	2	10	4	....	....	2	1	....	....	....	1	1
....	....	....	....	....	....	1	....	....	....	....	2	1	....	....	....	....	....	....	1	1	....
....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....
2	....	3	1	2	2	3	....	....	....	3	7	3	....	1	1	....	....	....	1	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....	....	1	....
1	....	....	....	....	....	....	....	....	....	1	5	3	....	....	1	....	....	....	....	....	....
....	1	1	4	....	....	1	....	....	....	....	4	2	....	....	....	....	....	....	....	1	....
....	....	....	2	....	....	2	....	1	1	....	4	2	....	1	....	1	....	....	....	2	....
....	....	....	5	1	....	4	....	2	....	....	8	3	....	....	....	....	....	....	1	1	1
36	5	41	144	38	13	69	10	11	10	35	220	97	9	29	22	9	5	10	7	57	16
1	....	1	7	2	1	3	....	....	....	1	12	5	1	2	....	....	1	1	1	....	....
1	....	3	....	....	....	....	....	....	....	....	2	1	....	....	....	....	....	....	....	....	....
2	....	....	1	2	1	....	....	....	....	1	7	2	....	3	....	....	....	....	1	1	....
....	....	....	1	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	1	....
1	2	4	1	2	....	2	....	....	1	1	10	4	2	....	2	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	....	3	5	....	....	3	1	1	....	3	11	6	....	1	1	1	....	....	1	3	....
1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	....	2	6	....	....	1	....	1	....	....	9	5	....	....	1	1	....	....	....	3	....
32	10	47	86	28	6	40	6	5	7	16	126	36	8	25	8	1	3	4	15	36	11
43	11	55	174	42	8	77	1	14	15	59	384	151	19	57	23	10	15	11	19	77	23
5	8	27	47	18	3	18	5	2	1	14	107	41	3	17	7	4	2	6	6	24	6
7	3	19	40	22	6	55	5	3	9	5	70	27	3	13	3	2	1	7	1	37	10
....	....	1	1	1	1	1	....	1	....	....	2	1	....	....	....	....	1	....	....	2	1
4	1	5	47	9	3	10	....	....	4	6	32	10	2	6	1	1	1	2	....	12	4
....	....	....	....	1	....	....	....	....	....	....	2	2	....	....	....	....	....	....	....	1	....
2	....	4	6	1	....	....	....	....	....	....	9	3	....	1	1	1	....	....	....	1	1
....	1	1	....	....	....	1	....	....	....	....	3	....	2	....	....	1	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....	....	1	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	1	....	....	....	....	1	....	....	1	....	....	....	....	....	....	....
....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....
2	....	2	2	....	....	4	....	1	2	....	11	3	....	4	1	....	....	2	....	4	1
8	3	9	46	16	2	18	1	....	2	13	95	46	6	13	3	3	1	6	5	18	7
14	9	23	67	13	4	37	5	6	6	15	111	51	6	12	4	4	4	2	4	17	6

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

	State Total	Atlantic County	Atlantic City	Hammonton	Pleasantville	Bergen County	Bergenfield	Cliffside Park	Englewood	Fairview	Fort Lee	Garfield	Hackensack
109. Pneumonia, unspecified	93	7	3	1	1	9	....	2	1	....	....	....	....
110. Pleurisy	99	1	1	....	....	8	....	....	....	....	....	1	1
111. Congestion, edema, embolism, hemorrhagic infarct, and thrombosis of the lungs	55	5	3	....	....	2	....	....	....	....	....	....	....
112. Asthma	49	1	1	....	....	6	....	....	2	....	....	....	....
113. Pulmonary emphysema	5	1	....	....	....	1	....	....	....	....	....	....	....
114. Other diseases of the respiratory system	48	1	1	....	....	....	....	....	....	....	....	....	....
115. Diseases of the buccal cavity and annexa and of the pharynx and tonsils	199	10	6	....	....	17	....	....	....	1	....	2	3
116. Diseases of the esophagus	3	....	....	....	....	....	....	....	....	....	....	....	....
117. Ulcer of the stomach and duodenum	269	17	8	....	3	24	....	2	2	1	....	2	3
118. Other diseases of the stomach	68	2	2	....	....	5	....	1	....	....	....	....	1
119. Diarrhea and enteritis (under 2 years of age)	207	10	2	1	2	12	1	....	....	....	1	2	2
120. Diarrhea and enteritis (2 years and over)	116	6	5	....	1	6	....	....	....	1	2	1	....
121. Appendicitis	535	22	8	....	1	57	....	1	4	2	....	3	5
122. Hernia, intestinal obstruction	421	26	18	....	2	42	2	1	2	2	....	7	1
123. Other diseases of the intestines	54	4	3	....	....	6	1	1	....	....	....	....	1
124. Cirrhosis of the liver	378	17	12	....	2	26	1	1	3	2	....	3	3
125. Other diseases of the liver	45	4	3	....	1	1	....	....	....	....	....	....	....
126. Biliary calculi	165	2	1	....	1	20	....	....	....	....	....	1	3
127. Other diseases of the gall-bladder and biliary passages	98	2	2	....	....	8	....	....	....	....	....	1	....
128. Diseases of the pancreas	25	1	1	....	....	2	....	....	....	....	....	....	....
129. Peritonitis, cause not specified	38	1	1	....	....	5	....	....	....	....	....	....	....
130. Acute nephritis (including unspecified under 10 years of age)	156	9	8	....	1	7	....	1	1	....	....	1	....
131. Chronic nephritis	3284	104	52	3	7	276	7	4	11	6	6	9	17
132. Nephritis, unspecified (10 years and over)	161	7	6	....	....	9	....	....	....	....	....	2	....
133. Other diseases of the kidneys and ureters (puerperal diseases excepted)	111	4	3	....	....	11	....	....	1	....	....	1	1
134. Calculi of the urinary passages	55	2	1	1	....	5	....	1	....	....	....	1	....
135. Diseases of the bladder	13	....	....	....	....	....	....	....	....	....	....	....	....
136. Diseases of the urethra, urinary abscess, etc.	10	....	....	....	....	....	....	....	....	....	....	....	....
137. Diseases of the prostate	224	11	5	1	1	18	....	1	....	....	....	....	4
138. Diseases of the male genital organs, not specified as venereal	6	....	....	....	....	....	....	....	....	....	....	....	....
139. Diseases of the female genital organs, not specified as venereal	120	7	6	....	....	9	....	....	....	....	....	....	1
140. Abortion with septic conditions	23	2	1	....	1	1	....	....	....	....	....	....	....
141. Abortion without mention of septic conditions	8	....	....	....	....	....	....	....	....	....	....	....	....
142. Ectopic gestation	13	....	....	....	....	1	....	....	1	....	....	....	....
143. Other accidents of pregnancy	....	....	....	....	....	....	....	....	....	....	....	....	....
144. Puerperal hemorrhage	40	....	....	....	....	5	....	....	....	....	....	....	....
145. Puerperal septicemia	90	3	3	....	....	8	....	1	....	....	2	1	....
146. Puerperal albuminuria and eclampsia	33	1	1	....	....	3	....	....	....	....	....	....	....
147. Other toxemias of pregnancy	17	1	1	....	....	....	....	....	....	....	....	....	....
148. Puerperal phlegmasia alba dolens, embolus, sudden death	16	....	....	....	....	1	....	....	....	....	....	....	....
149. Other accidents of childbirth	48	1	....	....	....	7	....	2	....	1	....	....	....
150. Other and unspecified conditions of the puerperal state	1	....	....	....	....	....	....	....	....	....	....	....	....
151. Furuncle, carbuncle	34	....	....	....	....	....	....	....	....	....	....	....	....
152. Phlegmon, acute abscess	28	1	....	....	....	3	....	....	....	....	....	....	....
153. Other diseases of the skin and annexa, and of the cellular tissue	22	1	1	....	....	1	....	....	....	....	....	....	....
154. Osteomyelitis	41	1	1	....	....	7	....	....	....	1	....	1	1
155. Other diseases of the bones (tuberculosis excepted)	9	1	1	....	....	1	....	....	....	....	....	....	....
156. Diseases of the joints and other organs of locomotion	7	2	2	....	....	1	....	....	....	....	....	....	....
157. Congenital malformations	308	7	3	....	1	33	3	1	....	....	1	2	....

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OF NEW JERSEY AND MUNICIPALITIES OF 5,000 OR MORE INHABITANTS IN 1930. (COUNTY WHICH FOLLOW: 1933—Continued

Lodi	North Arlington	Ridgefield Park	Ridgewood	Rutherford	Wallington	Burlington County	Bordentown	Burlington City	Camden County	Audubon	Camden City	Collingswood	Gloucester City	Haddonfield	Cape May County	Cumberland County	Bridgeton	Millville	Vineland	Essex County	Belleville
....	....	....	....	....	....	....	....	....	7	1	5	....	....	....	2	1	....	1	....	21	1
....	....	1	....	....	....	2	....	1	9	....	7	....	1	....	1	....	....	....	....	21	....
....	....	....	....	....	....	1	....	....	2	....	2	....	....	....	....	2	....	1	....	15	....
....	....	....	....	....	....	1	....	....	1	....	....	....	....	1	1	3	1	....	2	12	1
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	3	....	....	2	....	2	....	....	....	....	....	....	....	....	10	....
1	....	1	1	1	....	5	....	....	14	....	4	2	....	....	2	1	....	....	1	42	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....
....	1	....	2	3	....	9	1	3	12	1	6	1	1	....	3	2	....	....	....	59	4
....	....	....	....	1	....	4	....	....	3	1	2	....	....	....	....	1	....	....	1	7	....
....	....	....	....	....	1	4	1	1	24	1	14	....	2	3	1	10	4	4	....	33	1
....	....	....	....	....	1	2	1	....	6	....	1	....	1	1	....	5	2	....	....	12	1
1	....	1	3	3	1	8	....	1	21	1	10	2	....	1	5	8	4	2	1	149	3
3	1	1	3	1	1	16	1	....	18	....	6	1	2	1	4	8	2	3	1	87	3
1	....	....	....	....	....	....	....	....	4	....	3	....	....	1	....	....	....	....	....	10	....
1	....	1	....	1	2	7	1	2	20	2	15	....	1	....	5	11	2	3	2	78	....
....	....	....	....	....	....	....	....	....	3	....	2	1	....	....	....	3	2	1	....	10	....
1	....	....	1	1	....	2	....	....	10	....	4	....	1	....	....	3	1	1	....	50	1
2	....	....	1	1	....	1	....	....	4	....	3	....	....	....	....	1	....	....	1	22	1
....	....	....	1	....	....	....	....	....	1	....	1	....	....	....	1	....	....	....	....	6	1
....	....	....	....	1	....	1	....	....	5	....	3	1	....	1	2	....	....	....	....	6	....
....	1	....	....	....	....	6	1	2	14	....	11	....	1	....	1	7	2	2	1	34	....
5	5	8	14	24	2	136	4	14	309	7	136	14	17	12	43	78	19	9	12	656	26
1	....	....	....	....	....	3	....	....	19	....	13	1	....	1	2	4	3	....	1	24	1
....	....	....	1	1	....	1	....	....	9	....	4	1	....	....	....	....	....	....	....	30	....
....	....	....	....	....	....	3	1	....	4	....	3	....	....	1	....	....	....	....	....	16	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	....
....	....	....	....	....	....	3	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....
1	1	1	1	3	....	4	....	1	8	....	5	1	1	....	1	3	1	....	....	48	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....
1	....	....	....	1	....	....	....	....	6	....	2	1	....	....	1	2	....	1	....	30	....
....	....	....	1	....	....	1	....	....	3	....	1	1	....	....	....	....	....	....	....	2	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	1	....	2	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	1	1	....	....	1	1	....	....	1	....	....	1	....	....	1	....	....	....	....	3	....
....	....	....	....	....	....	1	....	....	7	....	4	....	1	1	....	3	....	3	....	16	....
....	....	....	....	....	....	2	....	....	3	....	3	....	....	....	....	3	....	....	1	5	....
....	....	....	....	....	....	1	....	....	3	....	....	....	2	....	....	....	....	....	....	3	....
....	....	....	....	....	....	1	....	1	....	....	....	....	....	....	....	1	....	....	....	4	....
....	....	....	....	....	....	....	....	....	2	....	2	....	....	....	1	1	....	1	....	12	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	1	....	....	4	....	1	....	....	....	1	1	1	....	....	6	....
....	....	1	....	....	....	1	....	....	2	....	2	....	....	....	....	1	....	....	....	4	....
....	....	....	....	....	....	....	....	....	4	....	1	....	....	....	....	1	1	....	....	4	1
....	1	....	....	....	....	2	....	....	4	1	2	....	....	....	....	....	....	....	....	4	....
....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	3	....
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2	1	2	1	2	1	9	1	1	22	1	12	....	4	1	1	5	1	....	1	67	3

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

	Bloomfield	East Orange	Irvington	Montclair	Newark	Nutley	Orange	South Orange	West Orange	Gloucester County	Woodbury
109. Pneumonia, unspecified	...	.....	1	3	12	.....	2	.....	....	1	1
110. Pleurisy	...	2	2	1	12	.....	2	.....	2	....	....
111. Congestion, edema, embolism, hemorrhagic infarct, and thrombosis of the lungs	...	1	2	1	6	.....	.....	1	2	1	....
112. Asthma	...	2	1	1	5	.....	1	1	....	2	....
113. Pulmonary emphysema	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
114. Other diseases of the respiratory system	1	1	.....	1	4	.....	1	.....	....	1	....
115. Diseases of the buccal cavity and annexa and of the pharynx and tonsils	4	4	3	.....	24	1	2	.....	....	3	....
116. Diseases of the esophagus	...	.....	.....	1	.....	.....	.....	.....	.....	.....	....
117. Ulcer of the stomach and duodenum	1	1	5	1	29	4	2	3	2	4	1
118. Other diseases of the stomach	...	2	.....	.....	3	.....	.....	.....	2	1	....
119. Diarrhea and enteritis (under 2 years of age)	2	1	.....	2	23	.....	3	.....	1	6	....
120. Diarrhea and enteritis (2 years and over)	...	1	.....	2	7	1	.....	.....	.....	4	....
121. Appendicitis	6	12	12	6	78	3	6	3	6	4	....
122. Hernia, intestinal obstruction	2	7	6	2	53	1	4	1	....	7	1
123. Other diseases of the intestines	1	.....	1	.....	6	.....	1	1	.....	.....	....
124. Cirrhosis of the liver	3	4	7	8	40	.....	3	1	4	5	3
125. Other diseases of the liver	1	2	.....	.....	7	.....	.....	.....	.....	.....	....
126. Biliary calculi	3	4	3	.....	28	2	.....	1	1	1	....
127. Other diseases of the gall-bladder and biliary passages	...	2	2	2	11	.....	1	.....	1	4	....
128. Diseases of the pancreas	...	1	.....	.....	3	1	.....	.....	.....	.....	....
129. Peritonitis, cause not specified	...	1	.....	.....	2	1	.....	1	....	.....	....
130. Acute nephritis (including unspecified under 10 years of age)	...	3	2	2	23	1	1	.....	1	3	1
131. Chronic nephritis	42	69	38	35	309	11	32	6	15	94	18
132. Nephritis, unspecified (10 years and over)	...	.....	2	3	14	3	.....	.....	1	3	1
133. Other diseases of the kidneys and ureters (puerperal diseases excepted)	1	3	2	2	16	1	.....	2	....	2	1
134. Calculi of the urinary passages	...	.....	1	1	14	.....	.....	.....	.....	2	....
135. Diseases of the bladder	...	.....	.....	1	2	.....	.....	.....	.....	1	....
136. Diseases of the urethra, urinary abscess, etc.	...	.....	.....	.....	1	.....	.....	.....	.....	1	....
137. Diseases of the prostate	3	2	6	3	24	.....	2	2	....	4	1
138. Diseases of the male genital organs, not specified as venereal	...	.....	.....	.....	2	.....	.....	.....	.....	1	....
139. Diseases of the female genital organs, not specified as venereal	...	3	3	3	19	.....	1	.....	.....	1	....
140. Abortion with septic conditions	...	.....	.....	.....	2	.....	.....	.....	.....	.....	....
141. Abortion without mention of septic conditions	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
142. Ectopic gestation	...	.....	.....	.....	2	.....	.....	.....	.....	.....	....
143. Other accidents of pregnancy	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
144. Puerperal hemorrhage	...	1	1	.....	1	.....	.....	.....	.....	1	....
145. Puerperal septicemia	1	.....	2	1	10	1	.....	.....	1	3	....
146. Puerperal albuminuria and eclampsia	1	1	.....	.....	2	.....	1	.....	.....	1	....
147. Other toxemias of pregnancy	...	1	.....	.....	1	.....	.....	.....	1	1	....
148. Puerperal phlegmasia alba dolens, embolus, sudden death	...	.....	.....	.....	3	.....	.....	.....	1	1	....
149. Other accidents of childbirth	1	1	1	1	5	.....	1	.....	.....	.....	....
150. Other and unspecified conditions of the puerperal state	...	.....	.....	.....	.....	.....	.....	.....	.....	1	....
151. Furuncle, carbuncle	...	.....	1	.....	4	.....	.....	1	.....	3	....
152. Phlegmon, acute abscess	...	.....	.....	.....	1	1	1	.....	1	1	1
153. Other diseases of the skin and annexa, and of the cellular tissue	...	.....	1	.....	2	.....	.....	.....	.....	.....	....
154. Osteomyelitis	1	.....	1	.....	2	.....	.....	.....	.....	.....	....
155. Other diseases of the bones (tuberculosis excepted)	...	.....	.....	.....	3	.....	.....	.....	.....	.....	....
156. Diseases of the joints and other organs of locomotion	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
157. Congenital malformations	2	3	10	1	32	2	6	1	4	5	2

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OF NEW JERSEY AND MUNICIPALITIES OF 5,000 OR MORE INHABITANTS IN 1930. (COUNTY WHICH FOLLOW: 1933—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
9	1	....	1	1	....	2	....	....	3	1	....	2	....	1	6	....	....	4	....	....	....
23	3	1	....	4	11	....	....	1	2	....	....	11	1	7	5	1	....	....	....	....	2
10	2	....	....	1	3	....	....	....	1	1	....	....	....	....	3	1	....	....	....	....	....
5	....	1	....	....	2	2	....	....	....	....	....	3	1	2	2	....	....	1	1	....	....
2	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11	1	....	....	....	8	....	1	....	1	....	....	3	....	2	4	....	....	1	....	1	....
20	1	....	....	1	9	1	....	5	1	2	....	9	....	7	5	....	1	....	....	....	....
1	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....	....	....
41	2	1	1	2	23	2	1	4	1	2	....	10	1	6	12	....	....	4	2	....	....
4	....	....	....	....	1	....	....	1	....	4	1	7	....	6	3	....	....	....	1	....	....
56	2	....	1	4	39	2	....	3	2	3	....	5	....	2	7	....	....	1	3	....	....
21	3	....	....	2	12	....	....	2	1	1	....	4	1	....	9	1	....	1	2	1	1
90	10	2	1	8	44	7	3	2	8	1	....	19	2	10	23	3	....	3	2	1	1
67	7	....	2	7	35	5	....	6	1	2	....	18	....	16	21	1	1	3	2	1	....
13	2	....	....	....	8	1	....	1	....	....	....	3	....	3	1	....	....	....	1	....	....
72	10	1	3	6	33	....	1	8	2	6	1	14	1	8	20	1	4	4	5	....	....
10	1	1	....	1	4	....	....	....	1	....	....	1	....	1	2	....	....	....	....	....	....
26	....	....	....	3	15	1	....	2	1	1	....	10	....	7	3	....	....	....	....	....	1
21	1	....	....	3	11	....	1	1	2	1	....	4	....	2	2	....	....	1	....	....	....
2	....	....	....	....	2	....	....	....	....	....	....	3	....	1	....	....	....	....	....	....	....
6	....	....	....	1	3	1	....	1	....	....	....	1	....	1	2	....	....	....	1	....	....
17	4	....	1	....	8	....	....	2	....	2	1	8	....	7	12	....	1	....	4	....	....
434	35	5	18	29	206	25	3	48	28	28	3	144	4	93	116	3	8	24	26	6	4
28	3	....	....	....	19	....	....	1	3	3	1	4	....	1	12	....	1	2	7	....	....
17	4	....	....	2	7	....	....	3	1	1	....	4	1	3	4	1	....	1	1	....	....
11	1	....	1	2	7	....	....	....	....	....	....	1	....	1	2	1	....	....	....	....	....
2	....	....	....	1	1	....	....	....	....	....	....	3	1	2	....	....	....	....	....	....	....
3	....	....	....	....	3	....	....	....	....	....	....	1	....	1	....	....	....	....	....	....	....
23	4	....	....	4	11	3	....	....	....	3	....	12	....	10	4	....	....	2	1	....	....
1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....
17	1	....	....	....	11	....	....	2	1	....	....	6	....	2	7	....	....	3	1	....	....
2	2	....	....	....	....	....	....	....	....	1	....	2	....	2	....	....	....	....	....	....	....
1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	....	....	....	....	3	....	....	....	....	....	....	1	....	1	1	....	....	1	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
6	....	....	....	1	3	....	....	2	....	....	....	2	....	1	5	....	....	1	1	....	2
7	....	....	....	....	4	....	....	1	1	2	....	6	1	3	4	....	....	1	2	....	....
4	1	....	....	1	2	....	....	....	....	1	....	4	....	3	....	....	....	....	....	....	....
1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2	....	....	....	....	1	....	1	....	....	....	....	1	....	....	1	....	....	....	....	....	....
10	1	....	....	1	5	....	1	1	....	1	....	4	....	4	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
6	....	....	....	....	3	1	....	....	1	....	....	2	1	1	2	....	....	1	....	....	....
5	1	....	....	....	2	....	....	....	1	....	....	....	....	....	2	1	1	....	....	....	....
2	1	....	....	....	1	....	....	....	....	....	....	....	....	....	2	....	....	....	1	....	....
5	2	....	....	1	2	....	....	....	....	....	....	....	....	....	2	1	....	....	1	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2	....	....	....	....	2	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....
43	3	....	2	2	21	4	2	5	....	5	....	17	....	10	13	....	....	1	4	....	....

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

	South River	Monmouth County	Asbury Park	Long Branch	Red Bank	Morris County	Dover	Madison	Morristown	Ocean County	Passaic County
109. Pneumonia, unspecified	....	4	1	.....	.....	1	1	.....	.....	1	9
110. Pleurisy	....	4	1	.....	.....	4	.....	1	1	....	1
111. Congestion, edema, embolism, hemorrhagic infarct, and thrombosis of the lungs	....	2	.....	.....	.....	1	.....	.....	.....	....	3
112. Asthma	....	1	.....	.....	.....	.....	.....	.....	.....	....	4
113. Pulmonary emphysema	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
114. Other diseases of the respiratory system	....	2	.....	1	.....	.....	.....	.....	.....	....	2
115. Diseases of the buccal cavity and annexa and of the pharynx and tonsils	....	6	.....	2	1	10	.....	1	2	1	19
116. Diseases of the esophagus	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
117. Ulcer of the stomach and duodenum	....	13	1	2	3	4	.....	.....	1	4	27
118. Other diseases of the stomach	....	10	3	.....	.....	3	1	.....	.....	2	3
119. Diarrhea and enteritis (under 2 years of age)	....	4	1	.....	.....	2	.....	.....	1	1	10
120. Diarrhea and enteritis (2 years and over)	....	8	2	1	1	1	.....	.....	.....	2	10
121. Appendicitis	2	23	2	1	1	15	1	.....	1	10	27
122. Hernia, intestinal obstruction	....	15	1	.....	4	10	.....	1	3	5	25
123. Other diseases of the intestines	....	1	.....	.....	.....	1	.....	.....	.....	1	3
124. Cirrhosis of the liver	....	17	3	1	3	10	.....	1	1	3	26
125. Other diseases of the liver	....	1	1	.....	.....	1	.....	1	.....	.....	.....
126. Biliary calculi	....	4	.....	1	.....	3	.....	.....	2	....	16
127. Other diseases of the gall-bladder and biliary passages	....	5	.....	.....	1	3	.....	.....	2	1	9
128. Diseases of the pancreas	....	.....	.....	.....	.....	1	.....	.....	.....	....	3
129. Peritonitis, cause not specified	....	.....	.....	.....	.....	3	.....	.....	1	....	2
130. Acute nephritis (including unspecified under 10 years of age)	1	5	.....	1	.....	5	1	.....	.....	1	10
131. Chronic nephritis	1	165	19	22	7	95	12	1	11	46	198
132. Nephritis, unspecified (10 years and over)	1	6	3	.....	.....	3	.....	.....	1	4	10
133. Other diseases of the kidneys and ureters (puerperal diseases excepted)	....	3	.....	1	.....	6	.....	.....	2	1	8
134. Calculi of the urinary passages	....	2	.....	.....	.....	1	.....	.....	.....	.....	2
135. Diseases of the bladder	....	1	.....	.....	.....	.....	.....	.....	.....	1	.....
136. Diseases of the urethra, urinary abscess, etc.	....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
137. Diseases of the prostate	....	19	3	1	1	6	.....	.....	2	3	20
138. Diseases of the male genital organs, not specified as venereal	....	.....	.....	.....	.....	.....	.....	.....	.....	....	1
139. Diseases of the female genital organs, not specified as venereal	....	9	.....	1	.....	4	.....	1	1	1	11
140. Abortion with septic conditions	....	1	.....	.....	.....	1	1	.....	.....	.....	4
141. Abortion without mention of septic conditions	....	1	.....	.....	.....	.....	.....	.....	.....	....	2
142. Ectopic gestation	....	.....	.....	.....	.....	.....	.....	.....	.....	....	1
143. Other accidents of pregnancy	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
144. Puerperal hemorrhage	....	2	.....	.....	.....	2	1	.....	.....	2	3
145. Puerperal septicemia	....	5	.....	.....	.....	4	2	.....	.....	....	9
146. Puerperal albuminuria and eclampsia	....	.....	.....	.....	.....	1	.....	.....	.....	....	1
147. Other toxemias of pregnancy	....	.....	.....	.....	.....	1	.....	.....	.....	....	3
148. Puerperal phlegmasia alba dolens, embolus, sudden death	1	1	.....	.....	.....	1	.....	.....	.....	....	1
149. Other accidents of childbirth	....	1	.....	.....	1	2	.....	.....	.....	....	2
150. Other and unspecified conditions of the puerperal state	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
151. Furuncle, carbuncle	....	.....	.....	.....	.....	1	.....	.....	.....	....	1
152. Phlegmon, acute abscess	....	.....	.....	.....	.....	.....	.....	.....	.....	....	3
153. Other diseases of the skin and annexa, and of the cellular tissue	....	1	.....	.....	.....	1	.....	.....	.....	....	2
154. Osteomyelitis	....	4	.....	.....	.....	1	.....	.....	1	....	3
155. Other diseases of the bones (tuberculosis excepted)	....	1	.....	.....	.....	.....	.....	.....	.....	....	.....
156. Diseases of the joints and other organs of locomotion	....	1	.....	.....	.....	.....	.....	.....	.....	....	.....
157. Congenital malformations	1	14	.....	1	1	10	1	1	1	4	18

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OF NEW JERSEY AND MUNICIPALITIES OF 5,000 OR MORE INHABITANTS IN 1930. (COUNTY WHICH FOLLOW: 1933—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
....	....	3	5	....	....	1	....	....	1	1	7	3	1	1	....	....	....	1	1	3	....
....	....	....	1	....	....	....	....	....	....	1	8	4	1	....	....	....	....	....	1	....	....
1	....	1	1	1	....	3	....	1	....	....	1	1	....	....	....	....	....	....	....	2	....
....	....	1	3	2	1	1	....	....	1	1	2	1	....	....	....	....	....	....	....	1	1
....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....
....	....	....	2	....	....	2	....	1	....	....	6	3	1	1	....	....	....	....	1	1	1
....	1	3	9	2	....	5	....	....	....	1	22	7	....	4	....	1	1	1	....	3	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	2	4	18	....	....	3	....	1	1	1	16	7	1	3	1	1	....	....	2	6	3
1	....	....	2	1	....	1	1	....	....	1	3	2	....	....	....	....	....	....	1	3	....
2	....	2	4	1	....	4	....	....	....	....	11	4	2	1	1	....	1	....	....	3	1
1	1	....	7	3	....	....	....	....	....	1	11	7	....	1	1	....	....	1	....	4	1
5	....	8	12	6	5	2	....	1	....	2	35	10	3	7	....	2	2	....	4	8	....
2	2	4	15	2	1	5	1	....	....	3	34	12	1	5	2	2	1	1	2	6	4
....	....	2	1	1	....	1	....	....	....	....	5	1	....	1	1	1	....	....	1	....	....
4	....	5	12	....	....	6	1	2	2	4	29	11	4	3	3	....	....	1	1	2	2
....	....	....	....	....	....	2	....	....	....	....	7	4	....	2	1	....	....	....	....	....	....
3	1	2	7	....	....	2	....	....	....	....	10	4	....	2	1	....	1	....	1	2	1
1	....	2	3	1	1	2	....	....	....	1	5	2	1	....	....	....	....	....	....	1	....
2	....	1	....	....	....	....	....	....	....	1	2	....	....	....	2	....	....	....	....	2	1
....	....	....	1	....	....	....	....	....	....	1	2	1	....	....	....	....	....	....	....	1	....
1	....	1	7	2	2	2	....	....	....	1	9	3	1	1	....	....	1	....	1	1	....
24	8	34	106	30	11	58	9	8	6	33	181	54	6	32	15	6	8	9	7	60	27
3	....	3	2	2	....	6	1	....	1	1	8	2	....	1	....	....	1	1	....	3	2
2	....	2	3	1	1	1	....	....	1	....	6	....	....	2	....	....	....	2	....	2	1
....	....	1	1	....	....	....	....	....	....	....	3	....	....	1	....	....	....	....	....	1	1
....	....	....	....	....	....	1	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	....	3	11	3	....	2	....	....	....	5	20	9	1	4	....	1	1	2	1	7	2
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	....	3	4	1	....	....	....	....	....	....	6	1	....	....	1	....	....	....	....	2	2
....	....	1	1	1	....	....	....	....	....	....	2	1	....	....	....	....	....	....	....	....	....
1	....	....	1	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....
1	....	....	....	....	....	....	....	....	....	....	2	1	....	....	1	....	....	....	....	1	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	1	....	2	2	....	....	....	....	....	....	3	2	....	1	....	....	....	....	....	1	1
1	....	2	6	4	1	....	....	....	....	1	6	3	1	....	....	....	....	....	....	1	....
....	....	1	....	....	....	2	....	1	....	1	1	1	....	....	....	....	....	....	....	....	....
....	....	1	1	....	....	....	....	....	....	....	2	1	....	....	1	....	....	....	....	1	1
1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....
1	....	....	1	....	....	....	....	....	....	....	3	1	....	....	1	....	....	....	1	1	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	1	....	....	....	....	....	....	....	....	6	3	....	....	....	....	....	1	....	....	....
....	....	1	2	....	....	1	....	....	1	....	3	....	....	....	....	....	....	....	....	1	1
1	....	....	1	....	....	....	....	....	....	....	3	....	....	....	....	1	....	....	1	....	....
1	....	2	....	....	....	....	....	....	....	1	6	2	1	1	....	....	....	1	1	1	1
....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	....	5	5	3	1	3	....	2	....	3	22	10	5	2	2	....	....	1	2	4	2

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

	State Total	Atlantic County	Atlantic City	Hammonton	Pleasantville	Bergen County	Bergenfield	Cliffside Park	Englewood	Fairview	Fort Lee	Garfield	Hackensack
158. Congenital debility	89	11	5	....	3	5	....	....	....	....	....	....	....
159. Premature birth	765	25	14	....	6	51	....	1	7	....	1	6	5
160. Injury at birth	237	3	2	1	....	21	1	1	2	....	2	2	2
161. Other diseases peculiar to early infancy	147	5	4	....	1	10	....	....	....	....	....	....	....
162. Senility	142	9	7	....	1	6	....	....	....	....	....	....	1
163. Suicide by solid or liquid poisons or by absorption of corrosive substances	74	1	1	....	....	6	....	....	....	....	....	1	....
164. Suicide by poisonous gas	234	16	12	....	2	25	....	....	....	1	1	4	....
165. Suicide by hanging or strangulation	143	3	2	....	....	13	....	....	....	....	....	2	1
166. Suicide by drowning	26	3	2	....	....	5	....	1	....	....	....	....	....
167. Suicide by firearms	165	8	4	....	....	13	....	....	1	....	....	3	....
168. Suicide by cutting or piercing instruments	31	....	....	....	....	2	....	....	....	....	1	....	....
169. Suicide by jumping from high places	25	2	1	....	....	1	....	....	....	....	....	1	....
170. Suicide by crushing	6	....	....	....	....	....	....	....	....	....	....	....	....
171. Suicide by other means	5	....	....	....	....	....	....	....	....	....	....	....	....
172. Infanticide	7	....	....	....	....	2	....	....	....	....	....	....	....
173. Homicide by firearms	105	8	7	....	....	4	....	....	....	....	....	....	1
174. Homicide by cutting or piercing instruments	34	....	....	....	....	2	....	....	....	....	....	....	....
175. Homicide by other means	53	....	....	....	....	3	....	....	....	....	....	1	....
176. Attack by venomous animals	1	....	....	....	....	....	....	....	....	....	....	....	....
177. Poisoning by food	14	1	....	....	....	3	....	....	....	....	....	....	....
178. Accidental absorption of poisonous gas	117	7	5	....	....	10	....	....	....	....	....	1	....
179. Other acute accidental poisonings (gas excepted)	43	3	2	....	....	3	....	....	....	....	....	....	....
180. Conflagration	53	2	....	....	....	9	....	....	....	....	....	1	....
181. Accidental burns (conflagration excepted)	147	2	....	....	....	13	2	....	....	....	....	3	....
182. Accidental mechanical suffocation	22	1	1	....	....	4	....	....	....	....	....	....	....
183. Accidental drowning	257	11	4	1	....	21	....	....	....	....	2	3	1
184. Accidental traumatism by firearms	19	1	....	....	....	3	....	....	....	....	....	....	....
185. Accidental traumatism by cutting or piercing instruments	16	1	1	....	....	2	....	....	....	....	....	....	....
186a Accidental traumatism by fall	616	20	11	1	2	30	....	....	1	....	....	3	5
186b Accidental traumatism by crushing, landslide	1172	49	19	5	8	105	4	5	9	1	1	4	9
187. Cataclysm	....	....	....	....	....	....	....	....	....	....	....	....	....
188. Injuries by animals	2	....	....	....	....	1	....	....	....	....	....	....	1
189. Hunger and thirst	2	....	....	....	....	1	....	....	....	....	....	....	....
190. Excessive cold	10	1	....	....	....	....	....	....	....	....	....	....	....
191. Excessive heat	32	....	....	....	....	....	....	....	....	....	....	....	....
192. Lightning	4	....	....	....	....	....	....	....	....	....	....	....	....
193. Accidents due to electric currents	17	....	....	....	....	....	....	....	....	....	....	....	....
194. Other accidents	88	4	2	....	....	7	....	....	1	....	....	....	....
195. Violent deaths of which the nature is unknown	24	....	....	....	....	2	....	....	....	....	....	....	....
196. Wounds of war	....	....	....	....	....	....	....	....	....	....	....	....	....
197. Execution of civilians by belligerent armies	....	....	....	....	....	....	....	....	....	....	....	....	....
198. Legal executions	1	....	....	....	....	....	....	....	....	....	....	....	....
199. Sudden death	....	....	....	....	....	....	....	....	....	....	....	....	....
200. Cause of death not specified or ill-defined	31	2	1	....	....	2	....	....	....	....	....	....	....
Total	42380	1737	983	74	155	3483	69	115	176	67	99	211	268
Supplemental Tabulation of Certain Types of Violent and Accidental Deaths. 1933													
201. Accidents in mines and quarries	1	....	....	....	....	....	....	....	....	....	....	....	....
202. Accidents from agricultural machinery	4	1	....	....	....	....	....	....	....	....	....	....	....
203. Elevator accidents	3	1	1	....	....	....	....	....	....	....	....	....	....
204. Accidents from machinery used for recreation	....	....	....	....	....	....	....	....	....	....	....	....	....
205. Other machinery accidents	27	....	....	....	....	2	....	....	....	....	....	1	....
206. Railroad and automobile collisions	19	2	....	....	....	2	....	....	....	....	....	....	....
207. Other railroad accidents	117	....	....	....	....	14	....	....	1	....	....	2	....
208. Street car and automobile collisions	2	....	....	....	....	....	....	....	....	....	....	....	....
209. Other street car accidents	11	3	2	....	....	....	....	....	....	....	....	....	....
210. Automobile accidents (primary)	1020	42	16	5	7	88	4	4	7	1	1	2	8
211. Motorcycle accidents	22	1	....	....	1	3	....	....	1	....	....	....	....
212. Other land transportation accidents	11	....	....	....	....	3	....	1	....	....	....	....	....
213. Water transportation accidents	38	6	3	....	....	4	....	....	....	....	1	....	....
214. Air transportation accidents	14	....	....	....	....	....	....	....	....	....	....	....	....

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OF NEW JERSEY AND MUNICIPALITIES OF 5,000 OR MORE INHABITANTS IN 1930. (COUNTY WHICH FOLLOW: 1933—Continued

Lodi	North Arlington	Ridgefield Park	Ridgewood	Rutherford	Wallington	Burlington County	Bordentown	Burlington City	Camden County	Audubon	Camden City	Collingswood	Gloucester City	Haddonfield	Cape May County	Cumberland County	Bridgeton	Millville	Vineland	Essex County	Belleville
2	....	....	....	....	....	1	....	....	9	....	5	....	....	....	....	2	1	....	....	14	2
2	2	2	....	3	2	24	1	2	67	....	31	2	3	1	7	11	2	5	....	154	4
1	1	....	....	1	....	9	2	....	12	....	8	....	1	1	1	2	....	....	1	41	2
1	....	....	....	....	....	2	....	....	6	....	3	....	1	....	1	1	1	....	....	22	1
....	....	....	1	1	....	6	....	1	1	....	1	....	....	....	....	7	2	3	....	37	2
....	....	....	....	....	....	2	....	....	1	....	....	....	....	1	....	....	....	....	....	23	....
....	....	1	3	....	1	3	....	....	19	....	11	1	1	2	1	2	....	1	1	60	3
....	....	....	....	....	1	3	....	1	2	....	1	....	1	....	....	2	1	....	....	29	1
....	....	....	....	....	....	....	....	....	2	....	1	....	....	....	....	1	....	....	....	2	....
....	....	1	1	....	1	7	....	1	12	....	7	....	....	1	3	2	1	....	....	26	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	9	....
....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	6	....
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....	8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	8	....
1	....	2	....	1	1	5	....	....	9	....	6	....	....	....	2	1	....	....	....	32	....
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....	....	....	....	2	3	8	....	2	16	1	9	....	2	....	1	7	2	1	1	39	1
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1	....	1	2	1	....	21	....	5	42	....	21	3	2	1	10	13	2	3	1	140	1
2	3	3	4	3	1	32	1	6	76	4	37	1	4	....	9	27	1	4	4	179	10
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86	70	117	124	186	71	1140	67	146	2753	78	1342	128	157	115	413	842	202	183	95	8835	257

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2	4	2	2	3	1	27	....	5	70	2	36	....	4	....	9	26	1	3	4	173	10
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TABLE 20.—DEATHS FROM EACH CAUSE, DETAILED INTERNATIONAL LIST, IN THE COUNTIES FIGURES INCLUDE PLACES

	Bloomfield	East Orange	Irvington	Montclair	Newark	Nutley	Orange	South Orange	West Orange	Gloucester County	Woodbury
158. Congenital debility	...	...	...	1	8	...	1	...	...	3	...
159. Premature birth	7	11	5	7	94	3	8	...	4	8	1
160. Injury at birth	...	5	2	1	24	2	2	...	...	5	...
161. Other diseases peculiar to early infancy	1	1	...	1	12	1	1	...	1	1	1
162. Senility	1	3	...	1	22	...	2	1	4	1	...
163. Suicide by solid or liquid poisons or by absorption of corrosive substances	...	2	2	1	14	1	2	...	...	2	...
164. Suicide by poisonous gas	3	3	5	3	28	2	3	2	2	...	...
165. Suicide by hanging or strangulation	2	4	3	1	13	...	1	...	...	1	...
166. Suicide by drowning	...	...	...	...	2	...	...	...	...	2	...
167. Suicide by firearms	1	2	3	1	12	...	...	1	2	6	1
168. Suicide by cutting or piercing instruments	...	...	1	...	6	...	...	...	1	...	...
169. Suicide by jumping from high places	...	...	1	...	4	...	1	...	...	...	...
170. Suicide by crushing	...	...	...	...	1	...	...	...	...	...	...
171. Suicide by other means	...	...	...	...	...	...	...	...	...	...	...
172. Infanticide	...	...	...	...	1	1	...	...	...	...	...
173. Homicide by firearms	...	...	2	...	24	...	...	...	...	3	...
174. Homicide by cutting or piercing instruments	...	1	...	1	8	...	...	...	...	1	...
175. Homicide by other means	...	...	2	...	6	...	...	...	...	...	...
176. Attack by venomous animals	...	...	...	...	...	...	...	...	...	...	...
177. Poisoning by food	1	...	...	...	2	...	...	...	...	1	1
178. Accidental absorption of poisonous gas	2	3	2	1	24	1	...	...	2	...	...
179. Other acute accidental poisonings (gas excepted)	...	1	1	1	5	...	1	...	...	1	...
180. Conflagration	...	...	...	...	7	1	...	...	...	2	...
181. Accidental burns (conflagration excepted)	3	2	...	1	23	1	1	1	...	2	...
182. Accidental mechanical suffocation	...	...	...	2	7	1	...	...	...	...	...
183. Accidental drowning	...	3	1	...	29	1	...	2	1	10	2
184. Accidental traumatism by firearms	...	...	...	...	...	...	...	...	...	1	...
185. Accidental traumatism by cutting or piercing instruments	...	...	1	...	...	...	...	...	...	...	...
186a Accidental traumatism by fall	5	14	7	16	77	3	5	5	3	12	1
186b Accidental traumatism by crushing, landslide	7	10	13	8	97	3	4	1	6	34	2
187. Cataclysm	...	...	...	...	...	...	...	...	...	...	...
188. Injuries by animals	...	...	...	...	...	...	...	...	...	...	...
189. Hunger and thirst	...	...	...	...	...	...	...	...	...	...	...
190. Excessive cold	...	...	...	...	1	...	...	...	...	...	...
191. Excessive heat	1	1	...	1	2	...	1	...	...	...	...
192. Lightning	...	...	...	...	...	...	...	...	...	...	...
193. Accidents due to electric currents	...	...	...	...	2	1	...	...	...	2	1
194. Other accidents	1	2	1	1	9	...	...	...	2	1	1
195. Violent deaths of which the nature is unknown	...	1	...	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	...	...	...	...	3	...	...	...	...	...	...
Total	356	718	490	461	4958	165	361	153	261	819	114
Supplemental Tabulation of Certain Types of Violent and Accidental Deaths, 1933											
201. Accidents in mines and quarries	...	...	...	...	...	...	...	...	...	...	...
202. Accidents from agricultural machinery	...	...	...	...	...	...	...	...	...	1	...
203. Elevator accidents	...	...	...	...	...	...	...	...	...	...	...
204. Accidents from machinery used for recreaction	...	...	...	...	...	...	...	...	...	...	...
205. Other machinery accidents	...	...	...	...	3	...	...	...	...	...	...
206. Railroad and automobile collisions	...	...	...	...	1	...	...	...	...	1	...
207. Other railroad accidents	1	...	1	1	6	1	...	1	...	1	...
208. Street car and automobile collisions	...	...	...	...	...	...	...	...	...	...	...
209. Other street car accidents	...	...	...	...	2	1	...	...	...	...	...
210. Automobile accidents (primary)	7	12	14	8	92	1	4	...	6	29	1
211. Motorcycle accidents	...	...	...	...	2	...	...	...	...	...	...
212. Other land transportation accidents	...	...	...	...	1	...	...	...	...	1	...
213. Water transportation accidents	...	1	...	...	2	...	...	...	...	2	...
214. Air transportation accidents	...	...	...	...	...	...	...	...	...	...	...

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OF NEW JERSEY AND MUNICIPALITIES OF 5,000 OR MORE INHABITANTS IN 1930. (COUNTY WHICH FOLLOW: 1933—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
8	....	....	....	....	6	1	....	....	....	2	....	5	....	2	5	....	....	3	1	....	1
115	8	1	3	9	54	9	1	12	4	5	....	57	2	34	49	3	2	7	10	2	4
41	5	1	1	....	23	1	....	7	1	2	1	6	....	5	16	1	2	3	3	....	1
24	7	....	....	3	9	1	....	1	2	4	....	10	1	7	6	....	....	1	4	....	....
13	2	....	....	....	5	....	....	1	3	2	....	1	....	1	6	....	....	1	2	....	....
10	2	....	....	1	4	....	....	2	....	....	....	1	....	....	4	....	....	1	2	....	....
28	6	1	....	4	4	....	1	4	3	....	....	12	1	6	13	....	....	2	4	....	....
26	5	1	2	4	5	1	1	1	1	4	....	6	....	4	10	....	....	3	2	....	....
3	2	....	....	....	1	....	....	....	....	....	....	2	....	1	2	....	....	1	....	....	....
16	1	....	....	2	10	....	....	1	1	1	....	11	1	7	4	....	1	1	1	....	....
4	....	....	....	1	1	....	....	1	....	1	....	2	....	2	2	....	....	....	....	....	1
10	1	....	....	1	4	1	....	1	1	....	....	2	....	2	....	....	....	....	....	....	....
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1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....
14	1	....	....	4	6	....	1	2	....	2	1	4	....	4	7	1	....	....	....	....	....
8	2	....	....	1	3	....	1	....	1	....	....	2	....	1	1	....	....	1	....	....	....
7	1	....	....	....	5	....	....	....	....	....	....	4	....	3	....	....	....	....	....	....	....
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16	1	....	....	....	9	....	....	2	....	1	....	3	....	3	6	2	....	1	1	....	....
7	2	....	1	2	1	....	....	....	....	1	....	2	....	....	3	....	....	2	....	....	....
10	....	....	1	....	8	1	....	....	....	2	....	2	....	....	....	....	....	....	....	....	....
30	2	....	....	5	13	3	....	2	1	1	....	12	....	8	4	....	1	1	....	....	....
3	....	....	1	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....
58	9	....	3	4	30	2	1	5	2	2	....	10	....	9	18	....	....	5	6	....	....
1	....	....	....	....	1	....	....	....	....	1	....	2	....	2	1	....	....	....	....	....	....
3	....	....	....	....	2	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....
92	9	1	3	4	51	5	1	5	2	4	1	33	1	25	22	1	2	6	2	....	1
146	17	1	4	11	71	11	2	9	7	14	2	52	1	35	76	7	3	12	11	1	5
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6	1	....	....	....	4	....	1	....	....	1	....	1	....	....	3	1	....	....	....	....	1
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6918	694	64	145	39	3465	377	73	594	316	493	69	2027	90	1336	1959	96	84	385	375	64	84

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1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	4	1	....	....	1	....	....
22	3	1	....	1	13	1	1	....	....	2	....	7	....	4	8	1	1	....	....	....	3
1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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123	16	....	5	8	57	8	....	10	7	12	2	44	1	30	62	4	2	13	9	1	2
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7	2	....	....	....	3	1	....	....	1	....	....	....	....	....	3	....	....	1	1	....	....
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TABLE 20.—DEATHS FROM EACH CAUSE, DETAILED INTERNATIONAL LIST, IN THE COUNTIES
FIGURES INCLUDE PLACES

	South River	Monmouth County	Asbury Park	Long Branch	Red Bank	Morris County	Dover	Madison	Morristown	Ocean County	Passaic County
158. Congenital debility	....	2	.....	.....	.....	2	.....	.....	.....	.....	8
159. Premature birth	3	23	1	1	3	25	.....	3	11	14	44
160. Injury at birth	....	8	.....	1	2	14	3	.....	3	6	19
161. Other diseases peculiar to early infancy	....	11	1	2	1	9	.....	1	1	3	14
162. Senility	1	10	.....	1	.....	9	.....	.....	5	3	12
163. Suicide by solid or liquid poisons or by absorption of corrosive substances	1	3	.....	.....	.....	5	.....	.....	1	....	5
164. Suicide by poisonous gas	....	11	.....	1	.....	2	.....	.....	1	1	20
165. Suicide by hanging or strangulation	....	6	.....	1	.....	6	1	.....	.....	4	9
166. Suicide by drowning	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
167. Suicide by firearms	....	9	1	1	.....	8	.....	1	1	2	10
168. Suicide by cutting or piercing instruments	....	2	2	.....	.....	1	.....	.....	.....	.....	3
169. Suicide by jumping from high places	....	1	.....	1	.....	.....	.....	.....	.....	.....	1
170. Suicide by crushing	....	.....	.....	.....	.....	.....	.....	.....	.....	1	2
171. Suicide by other means	....	.....	.....	.....	.....	1	.....	.....	.....	.....	1
172. Infanticide	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
173. Homicide by firearms	4	5	1	.....	.....	.....	.....	.....	.....	1	5
174. Homicide by cutting or piercing instruments	....	.....	.....	.....	.....	1	.....	.....	1	.....	2
175. Homicide by other means	....	7	.....	1	1	1	.....	.....	.....	.....	5
176. Attack by venomous animals	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
177. Poisoning by food	....	2	.....	.....	.....	2	1	.....	.....	.....	.....
178. Accidental absorption of poisonous gas	....	1	1	.....	.....	2	.....	1	.....	1	15
179. Other acute accidental poisonings (gas excepted)	....	1	.....	.....	.....	2	.....	.....	.....	.....	2
180. Conflagration	....	3	.....	.....	.....	1	.....	.....	.....	1	1
181. Accidental burns (conflagration excepted)	....	12	.....	.....	1	2	1	.....	.....	.....	5
182. Accidental mechanical suffocation	....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
183. Accidental drowning	....	6	1	.....	.....	5	1	.....	.....	5	10
184. Accidental traumatism by firearms	....	4	.....	.....	1	1	1	.....	.....	.....	.....
185. Accidental traumatism by cutting or piercing instruments	....	2	.....	.....	.....	.....	.....	.....	.....	.....	1
186a Accidental traumatism by fall	1	34	4	5	2	23	1	2	3	5	42
186b Accidental traumatism by crushing, landslide	2	56	5	8	2	39	10	.....	6	24	93
187. Cataclysm	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
188. Injuries by animals	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
189. Hunger and thirst	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
190. Excessive cold	....	.....	.....	.....	.....	1	.....	.....	.....	.....	1
191. Excessive heat	....	3	.....	.....	.....	1	1	.....	.....	.....	5
192. Lightning	....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
193. Accidents due to electric currents	1	1	.....	.....	.....	2	.....	.....	1	.....	.....
194. Other accidents	....	4	.....	.....	.....	6	.....	.....	1	3	8
195. Violent deaths of which the nature is unknown	....	1	1	.....	.....	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	....	2	.....	.....	.....	3	1	.....	.....	.....	2
Total	75	2011	242	210	130	1304	134	82	210	519	3019
Supplemental Tabulation of Certain Types of Violent and Accidental Deaths, 1933											
201. Accidents in mines and quarries	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
202. Accidents from agricultural machinery	....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
203. Elevator accidents	....	1	1	.....	.....	.....	.....	.....	.....	.....	.....
204. Accidents from machinery used for recreation	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
205. Other machinery accidents	....	2	.....	.....	.....	2	1	.....	.....	.....	2
206. Railroad and automobile collisions	....	3	.....	1	.....	.....	.....	.....	.....	.....	.....
207. Other railroad accidents	....	3	.....	.....	2	5	1	.....	2	3	13
208. Street car and automobile collisions	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
209. Other street car accidents	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
210. Automobile accidents (primary)	2	51	5	7	.....	37	9	.....	4	19	78
211. Motorcycle accidents	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
212. Other land transportation accidents	....	1	.....	.....	.....	.....	.....	.....	.....	.....	2
213. Water transportation accidents	....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
214. Air transportation accidents	....	6	.....	.....	1	.....	.....	.....	.....	4	1

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OF NEW JERSEY AND MUNICIPALITIES OF 5,000 OR MORE INHABITANTS IN 1930. (COUNTY WHICH FOLLOW: 1933—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
....	....	....	5	3	....	1	....	1	....	1	4	1	1	....	1	....	....	....	....	3	....
6	1	8	25	10	5	10	....	....	2	4	50	24	4	7	2	....	5	....	2	12	6
1	2	3	11	4	3	6	....	2	....	3	16	7	3	1	1	1	....	....	....	2	....
2	2	3	3	1	1	3	1	1	....	....	14	4	2	....	....	....	1	1	2	....	....
2	....	5	3	2	....	1	1	....	....	....	13	1	2	2	4	....	1	1	....	3	1
1	....	1	2	....	....	1	....	....	....	1	8	3	1	2	....	....	....	2	....	1	....
2	1	4	12	....	....	1	....	....	....	....	19	6	2	1	1	....	....	1	3	1	1
4	....	1	4	1	1	4	....	1	....	5	6	1	....	....	....	1	....	....	1	3	1
....	....	....	1	....	....	....	....	....	....	1	2	1	....	....	....	....	....	....	1	....	....
....	1	3	3	1	....	6	....	1	....	2	15	....	1	5	2	....	....	2	1	3	1
....	....	....	3	....	....	....	....	....	....	1	3	3	....	....	....	....	....	....	....	1	....
....	....	....	1	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....
....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	1	....	....	1	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	4	1	1	1	2	....	....	1	1	6	....	1	2	1	....	....	....	....	....	....
....	....	....	2	....	....	....	....	....	....	2	1	....	....	....	....	....	....	....	....	....	....
....	....	....	3	....	....	....	....	....	....	....	6	2	3	....	....	....	....	1	....	1	1
....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2	1	3	8	1	....	....	....	....	....	....	14	11	....	1	....	....	....	2	....	....	....
....	....	....	2	....	....	1	....	....	1	1	3	2	....	....	....	....	....	....	....	....	....
....	....	....	1	....	....	2	....	....	....	1	7	5	....	....	....	....	....	....	1	1	....
1	....	1	3	2	....	....	....	....	....	....	9	4	....	....	....	1	....	....	....	4	1
....	....	....	....	....	....	1	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....
1	....	5	2	6	2	5	1	....	....	6	11	4	....	4	....	....	....	....	....	2	1
....	....	....	....	....	....	....	....	....	....	....	2	1	....	....	....	....	....	1	....	1	....
....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....
3	....	11	23	5	1	7	1	1	1	11	35	13	3	3	3	....	3	1	1	15	3
22	2	14	41	13	3	27	5	1	2	12	91	27	8	10	8	9	2	4	5	18	6
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	1	....	....	1	....	....	....	2	1	1	....	....	....	....	....	....	....	....	....
1	....	1	2	....	....	1	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	2	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....
1	....	4	2	....	....	1	....	....	1	1	11	2	2	4	1	....	....	....	1	1	....
....	....	....	....	....	....	1	....	....	....	1	8	5	1	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2	....	....	....	1	....	1	....	....	....	2	7	2	1	1	1	1	....	1	....	1	1
403	105	570	1523	436	125	715	79	102	97	382	2927	1114	153	396	200	101	92	132	151	648	216

....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2	....	....	....	2	....	1	....	....	....	....	4	1	....	....	....	....	....	....	....	....	....
....	....	....	....	1	....	1	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....
6	....	....	5	....	....	3	1	....	....	....	12	4	3	....	1	2	....	1	....	4	2
....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
15	2	14	35	7	3	20	3	1	2	10	79	24	6	11	7	7	1	3	4	14	4
....	....	....	....	2	....	....	....	....	....	....	2	....	....	....	....	....	1	....	....	1	....
....	....	1	1	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	1	....	1	1	....	....	....	5	2	....	2	....	1	....	....	....	....	....
....	....	1	....	....	....	....	....	....	....	....	3	2	....	....	....	....	....	....	....	....	....

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TABLE 21.—DEATHS BY OCCUPATIONS

		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
Tuberculosis of the respiratory system	10 to 19	.....	.....	.....	.....	.....		.....	.....	.....
	20 to 29	1	4	.....	1	.....		.....	.....	.....
	30 to 39	3	1	.....	1	.....		.....	.....	.....
	40 to 49	4	1	1	1	.....		.....	.....	.....
	50 to 59	2	1	2	2	.....		.....	1	.....
	60 to 69	5	1	.....	1	.....		.....	3	.....
	70 to 79	2	.....	.....	3	.....		.....	.....	.....
	80 and over	1	.....	1	.....	.....		.....	.....	.....
	Totals	18	8	4	9	.....		.....	4	.....
Cancer and other malignant tumors	10 to 19	.....	.....	.....	.....	.....		.....	.....	.....
	20 to 29	.....	.....	.....	.....	.....		.....	.....	.....
	30 to 39	.....	.....	.....	.....	1		.....	.....	.....
	40 to 49	6	.....	.....	1	.....		.....	.....	.....
	50 to 59	21	4	1	4	2		.....	1	.....
	60 to 69	33	3	2	10	1		.....	2	1
	70 to 79	34	2	1	13	.....		.....	.....	.....
	80 and over	9	.....	.....	1	1		.....	.....	.....
	Totals	103	9	4	29	5		.....	3	1
Diseases of the nervous system and of the organs of special sense	10 to 19	.....	.....	.....	1	.....		.....	.....	.....
	20 to 29	2	.....	.....	2	.....		.....	.....	.....
	30 to 39	2	.....	.....	.....	.....		.....	.....	.....
	40 to 49	2	.....	.....	.....	.....		.....	.....	.....
	50 to 59	7	5	2	3	1		1	1	.....
	60 to 69	21	6	1	2	.....		.....	1	.....
	70 to 79	32	6	1	6	.....		.....	.....	.....
	80 and over	28	3	1	2	1		.....	.....	.....
	Totals	94	20	5	16	2		1	2	.....
Diseases of the circulatory system	10 to 19	1	.....	.....	.....	.....		.....	.....	.....
	20 to 29	1	.....	.....	.....	.....		.....	.....	.....
	30 to 39	4	2	.....	1	1		.....	.....	.....
	40 to 49	13	7	.....	3	2		1	1	1
	50 to 59	19	8	3	13	2		.....	2	1
	60 to 69	69	13	6	16	3		1	1	.....
	70 to 79	104	14	5	30	1		2	3	1
	80 and over	80	6	5	15	2		.....	1	1
	Totals	291	50	19	78	11		4	8	4

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AND AGE GROUPS, NEW JERSEY, 1933

MANUFACTURING AND MECHANICAL INDUSTRIES	Bakers	Blacksmiths, forgemen and hammermen	Boilermakers	Brick and stone masons	Builders and building contractors	Carpenters, coopers and cabinet makers	Compositors, linotypers and typesetters	Dressmakers and seamstresses (not in factory)	Dyers	Electricians and electrical engineers	Engineers (stationary)	Engravers	Filers, grinders, buffers and polishers (metal)	Firemen (except locomotive and fire department)	Glassblowers	Jewelers, watchmakers, goldsmiths and silversmiths	Laborers—	General and not specified	Building and hand trades	Chemical industries	Clay and stone industries (excepting potteries)
								2										5			
	1			1		3		2	1	1		1		1				33		3	1
				2		2		3		3				2				52	3		1
	4	2		3	1	9	1	1	1	4	2		1	1				52	3	1	1
	1		2	6	2	11			1		4			2		1		48	4	2	1
		2		2	1	8		1			1							19			1
				1		4												7			
	6	4	2	15	4	37	1	9	3	8	7	1	1	6		1		216	10	6	5
																		1			
				1		1				1								9			1
						3															
	2		1	1		7		3		3		1	1	1		2		32	1	1	1
		3		6	6	27		4	1	7	4		1	8		3		51	1	1	1
	3	4		3	6	32		7		3	9			5	2	3		69	2	3	2
	2	6	1	7	6	28		3	1	5	5	1		2		7		29		1	2
	2	3		4		9					1					1		8			
	9	16	2	22	18	107		17	2	19	19	2	2	16	2	16		199	4	6	7
												1						2			
																		6			
	1	1				2												12			
		1		1	3	5	1	1		3	4					2		39		1	1
	4			2	2	9	2	2		3	1			4		1		56	3		
	2	2	2	4	4	29	1	3		3	15		1	4	1	3		50	3		1
	1	3	1	10	6	21		2	2	2	5			3		4		43	1		
	1	2		6	1	14			1		1		1					5	1		
	9	9	3	23	16	80	4	8	3	11	26	1	2	11	1	10		213	8	1	2
				1		1	1			1	2							9			
		2		1		7				3					2			46	2		3
	3	7		4	1	12	1	1	1	8	8		1	5		1		84	1	2	1
	12	7	1	7	11	49	2	4	1	7	18	1	4	9	1	6		130	6	1	1
	9	14	3	19	10	70	1	5	1	7	23		2	14	1	5		156	6	3	1
	8	12	1	19	10	78	2	9	3	5	24	1	2	5	2	9		135			
	5	6	1	6	6	50	1	1	1		4	2				3		49		1	
	37	48	6	57	38	267	8	20	7	31	79	4	9	33	6	24		609	15	7	6

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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	....	....	....	....	....	....	....	....	....	....	....	....
	20 to 29	1	1	....	....	....	1	1	1	6	1	1	5
	30 to 39	....	1	....	....	....	1	....	3	6	....	....	6
	40 to 49	1	3	1	....	....	....	1	2	9	4	....	3
	50 to 59	....	4	....	....	1	1	....	4	8	3	1	....
	60 to 69	....	2	....	....	....	1	....	1	7	4	1	....
	70 to 79	....	....	....	....	....	....	....	....	1	....	....	....
	80 and over	....	....	....	....	....	....	....	....	....	....	....	....
	Totals	2	11	1	....	1	4	2	11	37	12	3	14
Cancer and other malignant tumors	10 to 19	....	....	....	....	....	....	....	....	....	....	....	....
	20 to 29	....	....	....	....	1	....	....	....	....	....	....	2
	30 to 39	....	1	....	....	....	....	....	....	3	....	1	2
	40 to 49	....	1	....	....	1	....	....	2	12	6	3	3
	50 to 59	....	9	....	....	1	....	....	4	17	11	5	6
	60 to 69	....	1	....	....	....	....	1	2	25	9	16	6
	70 to 79	....	4	....	....	....	....	....	1	11	3	6	2
	80 and over	....	....	....	....	....	....	....	....	....	3	2	....
	Totals	....	16	....	....	3	....	1	9	68	32	33	21
Diseases of the nervous system and of the organs of special sense	10 to 19	....	....	....	....	....	....	....	....	....	....	....	....
	20 to 29	....	1	....	....	....	....	....	....	....	....	1	....
	30 to 39	....	1	....	....	....	....	....	....	4	....	....	2
	40 to 49	....	1	....	....	....	....	....	....	1	2	2	1
	50 to 59	....	3	....	1	....	2	1	2	11	6	6	3
	60 to 69	....	5	....	....	....	2	....	6	13	8	11	2
	70 to 79	....	5	....	....	....	1	....	....	9	8	12	2
	80 and over	....	1	....	....	....	....	....	1	2	2	4	1
	Totals	....	17	....	1	....	5	1	9	40	26	36	11
Diseases of the circulatory system	10 to 19	....	....	....	....	....	....	....	....	....	....	....	....
	20 to 29	....	....	....	....	....	....	....	....	....	2	....	1
	30 to 39	....	3	....	....	....	....	....	2	7	4	2	4
	40 to 49	....	4	....	....	....	....	....	4	16	17	9	5
	50 to 59	....	8	....	....	1	2	1	9	33	20	20	11
	60 to 69	....	5	....	....	1	1	5	7	38	24	26	3
	70 to 79	....	6	....	....	....	4	....	2	37	18	25	6
	80 and over	....	1	....	....	....	....	....	....	10	4	9	1
	Totals	....	27	....	....	2	7	6	24	141	89	91	31

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AGE GROUPS, NEW JERSEY, 1933—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
....	.....	.....	.....	.....	.....	.....	.....	.....		6	1	2	.....	2	2	.....	1	.....	.....
....	.....	1	2	.....	.....	1	4	.....		5	2	.....	1	6	1	.....	2	1	1
....	.....	5	4	1	.....	3	.....	.....		8	.....	1	.....	1	1	.....	8	2	.....
....	.....	.....	8	2	.....	5	3	1		3	1	.....	2	2	3	1	9	3	.....
....	.....	5	6	1	.....	2	3	.....		5	1	2	1	5	1	.....	9	1	1
....	.....	1	5	.....	.....	1	6	.....		2	1	.....	.....	1	.....	.....	4	.....	.....
1	.....	.....	.....	.....	.....	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	1
....	.....	.....	.....	.....	.....	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....	1	.....	.....
1	.....	12	25	4	.....	12	16	1		29	6	5	4	17	8	1	34	7	3
....	.....	.....	.....	.....	.....	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
....	.....	.....	1	.....	.....	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
....	.....	.....	1	.....	.....	2	.....	.....		1	.....	.....	.....	1	.....	.....	2	.....	.....
....	.....	1	5	1	.....	3	1	.....		2	.....	.....	.....	2	.....	.....	2	1	.....
....	.....	1	6	.....	2	5	3	.....		4	1	1	3	8	2	1	11	5	.....
....	.....	5	18	1	.....	9	6	.....		5	2	.....	2	8	3	1	10	5	.....
....	.....	.....	8	.....	.....	3	.....	1		3	2	.....	3	4	2	2	4	4	1
1	.....	1	3	.....	.....	.....	.....	.....		.....	.....	.....	.....	.....	.....	1	.....	.....	.....
1	.....	8	42	2	2	22	10	1		15	5	1	8	23	7	5	29	15	1
....	.....	.....	.....	.....	.....	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
....	.....	.....	.....	.....	.....	.....	.....	.....		.....	.....	1	.....	.....	1	.....	.....	.....	.....
....	.....	.....	1	.....	.....	.....	.....	.....		.....	.....	.....	1	2	.....	.....	1	.....	1
....	.....	1	1	1	.....	5	1	.....		2	1	.....	.....	1	1	.....	3	.....	.....
....	.....	1	9	.....	.....	9	2	3		.....	.....	.....	.....	3	1	3	6	1	.....
1	.....	2	14	1	.....	5	4	.....		4	.....	1	.....	2	.....	.....	9	3	.....
....	1	3	5	.....	1	5	3	.....		.....	.....	1	.....	5	.....	3	4	4	1
....	.....	1	4	.....	.....	1	.....	.....		.....	.....	.....	.....	3	.....	1	1	.....	.....
1	1	8	34	2	1	25	10	3		6	1	3	1	16	3	7	24	8	2
....	.....	.....	1	.....	.....	.....	.....	.....		.....	.....	1	.....	.....	.....	.....	.....	.....	.....
....	.....	1	2	.....	.....	2	2	.....		4	1	.....	.....	.....	.....	2	1	.....	.....
....	.....	.....	3	.....	.....	3	1	.....		2	.....	.....	.....	.....	1	.....	.....	.....	1
....	1	2	21	1	.....	10	2	1		5	1	.....	2	6	1	1	8	3	1
....	.....	5	29	2	1	16	10	2		8	4	2	2	4	1	3	18	1	3
1	2	5	25	4	3	19	16	3		5	3	2	2	17	10	5	24	10	4
....	1	11	31	1	1	11	3	.....		6	6	10	1	13	2	1	28	10	6
1	.....	1	10	.....	.....	2	4	.....		1	.....	4	.....	2	.....	1	9	8	3
2	4	25	122	8	5	63	38	6		31	15	19	7	42	15	13	88	32	18

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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	....	.....	3	1	.....	.....	.....	.....	.....	.....
	20 to 29	1	1	4	15	.....	.....	.....	.....	.....	1
	30 to 39	....	1	6	6	.....	.....	1	.....	.....	1
	40 to 49	5	.....	6	7	2	1	2	1	1	2
	50 to 59	1	1	6	4	.....	1	3	1	2	1
	60 to 69	....	1	4	6	.....	1	1	.....	.....	1
	70 to 79	....	.....	.....	.....	.....	.....	.....	.....	.....	1
	80 and over	....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Totals	7	4	29	39	2	3	7	2	3	7
Cancer and other malignant tumors	10 to 19	....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	20 to 29	....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	30 to 39	....	.....	1	4	1	1	.....	.....	.....	.....
	40 to 49	2	.....	9	3	.....	.....	1	1	1	2
	50 to 59	....	1	21	13	6	.....	4	.....	.....	3
	60 to 69	4	2	18	13	6	1	14	.....	.....	10
	70 to 79	2	2	8	6	5	.....	5	1	2	3
	80 and over	....	1	2	1	3	.....	1	.....	1	2
	Totals	8	6	59	40	21	2	25	2	4	20
Diseases of the nervous system and of the organs of special sense	10 to 19	....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	20 to 29	....	.....	1	.....	.....	.....	.....	.....	.....	.....
	30 to 39	....	.....	1	.....	.....	.....	1	.....	.....	1
	40 to 49	....	.....	.....	4	1	.....	2	1	.....	.....
	50 to 59	....	.....	19	6	6	.....	7	.....	.....	.....
	60 to 69	2	3	10	5	5	2	2	.....	2	4
	70 to 79	2	1	10	5	3	.....	7	1	.....	.....
	80 and over	1	.....	1	2	2	.....	1	.....	.....	2
	Totals	5	4	42	22	17	2	20	2	2	7
Diseases of the circulatory system	10 to 19	....	.....	3	.....	.....	.....	.....	.....	.....	.....
	20 to 29	1	.....	1	3	.....	.....	1	1	.....	1
	30 to 39	....	1	3	2	.....	.....	2	.....	.....	2
	40 to 49	....	4	10	11	4	.....	7	2	.....	3
	50 to 59	5	3	13	16	9	.....	5	1	3	9
	60 to 69	8	6	28	33	14	3	10	4	2	11
	70 to 79	7	2	36	16	11	3	16	6	5	9
	80 and over	1	1	7	5	4	.....	6	.....	.....	3
	Totals	22	17	101	86	42	6	47	14	10	38

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AGE GROUPS, NEW JERSEY, 1933—Continued

TRANSPORTATION	Water—	Boatmen, canalmen, sailors and deck hands	Longshoremen and stevedores	Other pursuits	Road and Street—	Carriage and hack drivers, draymen, teamsters and expressmen	Chauffeurs	Contractors and foremen (road building)	Garage keepers and managers	Laborers (road building) and street cleaners	Livery stable keepers and managers, hostlers and stable hands	Other pursuits	Railroad—	Baggagemen and freight agents	Brakemen	Conductors	Foremen, overseers and inspectors	Laborers	Locomotive engineers	Locomotive firemen
		....	....	....		.....	.....					.....		.....	.....	.....	.....	.....	.....	....
		....	....	....		1	12	....	1	1	.....	1		.....	.....	.....	.....	1	.....	....
		....	2	....		1	16	....	....	....	.....	1		.....	.....	.....	1	1	.....	1
		1	1	....		2	5	....	....	....	1	2		.....	3	2	.....	4	.....	....
		....	2	....		1	4	....	1	1	.....	.....		.....	.....	1	.....	1	.....	....
		1	....	....		.....	.....	....	....	1	.....	.....		.....	.....	.....	.....	.....	.....	....
		....	....	....		.....	.....	....	....	....	.....	.....		.....	.....	.....	.....	1	.....	....
		....	....	....		.....	.....	....	....	....	.....	.....		.....	.....	.....	.....	.....	.....	....
		2	5	....		5	37	....	2	3	1	4		.....	3	3	1	8	.....	1
		....	....	....		.....	.....	....	....	....	.....	.....		.....	.....	.....	.....	.....	.....	....
		....	....	....		.....	1	....	....	....	.....	.....		.....	.....	.....	.....	.....	.....	....
		....	....	....		.....	1	....	....	....	.....	.....		.....	.....	.....	.....	.....	.....	....
		....	2	....		1	3	....	1	1	.....	3		.....	1	1	1	1	.....	....
		....	1	1		4	5	....	2	1	2	1		.....	.....	1	1	2	.....	....
		5	1	1		5	2	....	....	4	.....	4		1	1	1	1	.....	3	....
		2	....	....		.....	2	1	....	3	.....	1		.....	.....	.....	3	2	.....	....
		2	....	1		1	.....	1	....	....	.....	.....		.....	1	.....	.....	2	1	....
		9	4	3		11	14	2	3	9	2	9		1	3	3	6	7	4	....
		....	....	....		.....	1	....	....	....	.....	.....		.....	.....	.....	.....	.....	.....	....
		....	....	....		.....	1	....	....	....	.....	1		.....	.....	.....	.....	.....	.....	....
		....	....	....		1	2	....	....	1	.....	2		.....	.....	.....	.....	.....	.....	....
		....	....	1		1	6	....	1	1	.....	2		.....	1	.....	1	1	.....	....
		1	3	....		1	3	....	1	3	.....	4		.....	1	1	1	1	3	....
		....	2	....		3	.....	....	1	1	1	.....		2	2	1	3	2	.....	....
		2	1	....		2	.....	1	....	1	.....	3		1	2	4	3	1	3	....
		....	....	....		3	.....	....	....	....	.....	.....		.....	.....	.....	.....	.....	3	....
		3	6	1		11	13	1	3	7	1	12		3	6	6	8	5	9	....
		....	....	....		.....	.....	....	....	....	.....	.....		.....	.....	.....	.....	.....	.....	....
		....	....	....		1	7	....	....	....	.....	.....		.....	.....	.....	.....	.....	.....	....
		1	4	....		1	23	....	1	....	.....	3		.....	1	.....	1	.....	.....	....
		2	3	2		4	15	....	2	3	1	1		.....	4	2	1	5	.....	3
		7	6	....		7	11	2	2	3	....	11		1	2	3	2	2	2	....
		12	2	2		4	10	2	3	4	2	10		3	2	6	4	6	6	....
		9	3	2		10	1	4	1	1	7	5		3	1	6	4	2	9	1
		3	1	1		2	1	1	....	....	.....	1		.....	1	2	3	2	.....	....
		34	19	7		29	68	9	9	11	10	31		7	11	19	15	17	17	4

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TABLE 21.—DEATHS BY OCCUPATIONS AND

		Motormen	Officials and superintendents	Switchmen, flagmen and yardmen	Ticket and station agents	Other pursuits	Express, Post, Telegraph and Telephone— Express messengers and railway mail clerks	Linemen	Mail carriers	Telegraph operators	Telephone operators	Other pursuits
Tuberculosis of the respiratory system	10 to 19	.....	.....	.....	.....	.....	....	.....	.....	.....	.....	.....
	20 to 29	.....	.....	.....	.....	.....	....	.....	1	2	1	3
	30 to 39	.....	.....	.....	.....	1	....	1	.....	.....	1	1
	40 to 49	.....	.....	1	.....	1	....	.....	.....	.....	.....	1
	50 to 59	.....	.....	.....	2	.....	....	.....	.....	.....	.....	1
	60 to 69	1	.....	1	.....	.....	....	.....	1	.....	.....	1
	70 to 79	.....	.....	.....	.....	.....	....	.....	.....	.....	.....	.....
	80 and over	.....	.....	.....	.....	.....	....	.....	.....	.....	.....	.....
	Totals	1	.....	2	2	2	....	1	2	2	2	7
Cancer and other malignant tumors	10 to 19	.....	.....	.....	.....	.....	....	.....	.....	.....	.....	.....
	20 to 29	.....	.....	.....	.....	.....	....	.....	.....	.....	.....	.....
	30 to 39	.....	.....	.....	.....	.....	....	.....	.....	.....	1	.....
	40 to 49	.....	2	1	.....	.....	....	.....	1	1	.....	1
	50 to 59	.....	1	2	.....	.....	....	.....	.....	.....	1	.....
	60 to 69	1	1	4	1	2	....	.....	3	1	1	4
	70 to 79	.....	1	1	.....	3	....	.....	.....	2	.....	1
	80 and over	.....	.....	.....	.....	.....	....	.....	.....	.....	.....	.....
	Totals	1	5	8	1	5	....	.....	4	4	3	6
Diseases of the nervous system and of the organs of special sense	10 to 19	.....	.....	.....	.....	.....	....	.....	.....	.....	.....	.....
	20 to 29	.....	.....	.....	.....	.....	....	.....	.....	.....	.....	.....
	30 to 39	.....	.....	.....	.....	.....	....	.....	.....	.....	.....	2
	40 to 49	.....	.....	.....	.....	2	....	.....	.....	1	.....	.....
	50 to 59	.....	1	2	1	1	....	1	1	.....	.....	2
	60 to 69	.....	2	5	.....	3	....	.....	.....	2	.....	1
	70 to 79	1	1	1	1	2	....	.....	2	2	.....	3
	80 and over	.....	.....	2	.....	.....	....	.....	.....	.....	.....	.....
	Totals	1	4	10	2	8	....	1	3	5	.....	8
Diseases of the circulatory system	10 to 19	.....	.....	.....	.....	.....	....	.....	.....	.....	.....	.....
	20 to 29	.....	.....	.....	.....	.....	....	.....	1	.....	.....	1
	30 to 39	.....	.....	1	.....	1	....	.....	.....	1	1	1
	40 to 49	2	.....	.....	1	.....	....	.....	1	1	.....	2
	50 to 59	3	2	9	.....	6	2	1	2	3	.....	4
	60 to 69	4	3	7	3	8	1	1	5	1	.....	4
	70 to 79	1	2	2	.....	6	....	.....	7	2	.....	1
	80 and over	.....	1	2	.....	3	....	1	.....	.....	.....	.....
	Totals	10	8	21	4	24	3	3	16	8	1	13

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AGE GROUPS, NEW JERSEY, 1933—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
	.....	6	1	4	3	10	.....	1	2		.....	1	.....	.....	.....	1	1
	.....	1	.....	.....	3	5	.....	8	2		1	1	1	.....	2	.....	3
	.....	.....	.....	.....	3	9	.....	15	1		.....	.....	1	1	.....	.....	3
	2	.....	1	.....	2	6	.....	12	2		2	1	.....	2	3	1	4
	1	1	.....	1	1	1	.....	3	1		.....	1	.....	.....	1	.....	4
	1	.....	.....	.....	2	.....	.....	4	...		.....	.....	.....	.....	.....	.....	.....
	.....	.....	.....	.....	.....	.....	.....	.....	...		.....	.....	.....	.....	.....	.....	.....
	4	8	3	5	14	31	.....	43	9		3	4	2	3	6	2	16
	.....	.....	.....	.....	.....	.....	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....
	.....	1	.....	.....	.....	1	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....
	.....	.....	.....	.....	2	5	.....	3	1		2	.....	.....	1	1	.....	2
	.....	.....	.....	.....	6	10	1	17	1		.....	.....	.....	.....	3	1	.....
	3	.....	.....	4	11	17	1	36	4		2	4	.....	2	2	.....	5
	8	.....	.....	1	9	14	.....	53	2		2	.....	.....	7	5	.....	8
	3	1	.....	.....	10	12	1	36	3		.....	1	.....	2	3	.....	14
	1	.....	.....	.....	3	4	.....	2	....		.....	.....	1	.....	.....	.....	1
	15	2	.....	5	41	63	3	147	11		6	5	1	12	14	1	30
	.....	.....	.....	.....	.....	.....	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....
	.....	1	.....	.....	.....	3	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....
	.....	.....	.....	.....	2	5	.....	2	1		.....	.....	.....	.....	.....	.....	.....
	.....	.....	.....	1	3	11	.....	10	2		.....	.....	.....	3	1	.....	1
	4	.....	1	1	5	8	2	26	1		.....	2	1	5	3	.....	6
	2	3	1	1	8	15	1	39	1		1	2	.....	6	2	.....	12
	7	.....	.....	.....	3	6	.....	29	.....		.....	3	.....	4	2	.....	14
	2	.....	.....	1	4	3	.....	15	.....		.....	1	.....	.....	.....	.....	4
	15	4	2	4	25	51	3	121	5		1	8	1	18	8	.....	37
	.....	1	.....	.....	.....	1	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....
	.....	3	.....	1	.....	4	.....	4	2		.....	.....	.....	.....	1	.....	.....
	2	3	1	3	1	9	1	14	2		.....	.....	.....	1	3	1	3
	2	5	1	3	9	34	.....	56	2		2	6	.....	2	9	1	7
	10	.....	2	.....	33	42	2	98	6		6	7	7	4	9	3	10
	14	10	3	3	31	44	2	134	7		10	10	1	11	10	1	42
	11	4	1	1	33	28	2	109	3		1	3	1	8	12	1	33
	3	1	.....	.....	7	6	.....	43	....		.....	1	.....	3	3	.....	5
	42	27	8	11	114	166	7	458	22		19	27	9	29	47	7	100

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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	1	2	3	....	....	5	12
	20 to 29		....	....	....	....	....	....	....	....	....	....	....	....	....
	30 to 39		....	1	2	1	....	1	....	....	3	1	....	2	7
	40 to 49		1	....	1	1	1	....	2	....	....	1	....	....	5
	50 to 59		....	....	....	1	1	1	....	....	1	....	....	1	1
	60 to 69		....	....	1	....	....	....	....	....	1	2	....	....	....
	70 to 79		....	1	....	....	....	....	....	....	....	....	....	....	....
	80 and over		....	....	....	....	....	....	....	....	....	....	....	....	....
	Totals		1	2	4	3	2	3	3	2	8	4	....	8	25
Cancer and other malignant tumors	10 to 19		....	....	....	....	....	....	....	....	....	....	....	....	....
	20 to 29		....	....	....	....	....	....	....	....	....	....	....	1	....
	30 to 39		1	....	....	....	1	....	....	....	1	....	1	2	....
	40 to 49		....	2	....	....	3	....	1	....	2	....	1	7	8
	50 to 59		....	2	....	....	4	....	1	2	1	1	2	12	7
	60 to 69		1	4	....	4	4	1	....	5	3	1	4	5	11
	70 to 79		....	....	....	2	3	1	....	2	1	....	4	5	8
	80 and over		....	....	....	....	1	....	....	1	1	1	....	1	5
	Totals		2	8	....	6	16	2	2	10	9	3	12	33	39
Diseases of the nervous system and of the organs of special sense	10 to 19		....	....	....	....	....	....	....	....	....	....	....	....	....
	20 to 29		....	....	....	....	....	....	....	....	....	....	....	....	4
	30 to 39		....	....	....	....	....	....	2	....	....	....	....	1	1
	40 to 49		....	....	....	....	....	....	....	1	1	....	....	1	5
	50 to 59		1	3	....	1	5	....	....	1	....	....	....	2	3
	60 to 69		4	2	....	3	3	....	....	3	5	....	7	4	6
	70 to 79		1	....	....	....	2	....	1	3	1	....	3	5	7
	80 and over		2	....	....	....	3	....	....	1	1	....	1	2	5
	Totals		8	5	....	4	13	....	3	9	8	....	11	15	31
Diseases of the circulatory system	10 to 19		....	....	....	....	....	....	....	....	....	....	....	....	1
	20 to 29		....	....	....	....	....	....	2	....	....	....	1	2	5
	30 to 39		....	....	....	3	2	....	....	2	1	....	1	5	6
	40 to 49		....	....	1	3	2	1	2	5	2	....	2	3	10
	50 to 59		1	2	3	5	5	3	1	10	6	....	8	4	26
	60 to 69		2	3	....	6	7	1	1	17	5	1	15	14	17
	70 to 79		....	2	1	2	15	2	1	10	3	1	8	16	10
	80 and over		2	2	1	....	5	1	....	6	2	1	2	6	11
	Totals		5	9	6	19	36	8	7	50	19	3	37	50	86

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AGE GROUPS, NEW JERSEY, 1933—Continued

DOMESTIC AND PERSONAL SERVICE	Barbers, hairdressers and manicurists	Bartenders	Hotel keepers and managers	Housekeepers and stewards	Janitors and sextons	Launderers and laundresses	Porters (except in stores)	Restaurant, cafe and lunch room keepers	Saloonkeepers	Servants	Waiters	Other pursuits	CLERICAL OCCUPATIONS	Agents, canvassers and collectors	Bookkeepers, cashiers and accountants	Clerks (except clerks in stores)	Other clerical pursuits	Totals
	2	.....	.....	8	.....	2	.....	.....	.....	3	1	2		.....	.....	2	.....	48
	6	.....	1	105	1	3	1	3	....	24	2	4		1	7	28	6	391
	5	2	1	140	1	1	1	3	....	15	5	5		....	4	20	11	426
	4	.....	1	92	3	2	1	1	....	12	2	3		1	4	7	2	392
	3	4	1	57	1	.....	.....	.....	2	5	3	3		....	3	11	2	331
	1	1	1	44	3	4	.....	1	....	7	.....	4		....	1	6	.....	194
.....	.....	.....	.....	13	.....	1	.....	.....	....	1	.....	2		....	.....	1	.....	48
.....	.....	.....	.....	3	1	.....	.....	.....	....	.....	.....	.....		....	.....	.....	.....	7
	21	7	5	462	10	13	3	8	2	67	13	23		2	19	75	21	1837
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		.....	.....	.....	.....	.....
.....	.....	.....	.....	15	.....	.....	.....	.....	....	1	.....	1		....	2	8	1	39
	2	.....	.....	84	1	.....	.....	.....	....	1	.....	1		....	1	3	2	156
	1	.....	1	307	3	3	1	3	....	7	.....	7		....	4	5	6	561
	1	.....	2	476	6	2	2	4	1	18	5	13		2	10	21	3	1026
	2	.....	8	518	11	5	5	3	....	13	1	11		3	9	21	5	1222
	4	.....	2	332	3	.....	3	.....	....	10	.....	8		....	3	12	3	768
.....	.....	.....	.....	88	2	1	.....	.....	....	3	1	1		....	2	.....	.....	190
	10	.....	13	1820	26	11	11	10	1	53	7	42		5	31	70	20	3962
.....	.....	.....	.....	4	.....	.....	.....	.....	....	.....	.....	.....		....	.....	1	.....	9
.....	.....	.....	.....	20	.....	.....	.....	.....	....	1	.....	.....		....	1	5	1	54
.....	.....	.....	.....	50	2	.....	1	.....	....	2	.....	.....		....	.....	5	2	118
	3	1	.....	130	1	.....	.....	3	....	7	2	6		....	5	9	1	322
	5	1	.....	259	3	2	4	2	1	11	3	7		....	5	15	1	652
	5	1	1	407	6	2	3	1	....	6	3	7		2	2	13	1	909
	1	.....	3	339	8	1	2	....	....	10	.....	2		1	4	12	1	763
	1	.....	1	131	1	.....	.....	.....	....	7	1	.....		....	3	1	.....	298
	15	3	5	1340	21	5	10	6	1	44	9	22		3	20	61	7	3125
.....	.....	.....	.....	7	.....	.....	.....	.....	....	.....	.....	.....		....	.....	3	.....	19
	2	.....	.....	55	1	1	.....	.....	....	1	2	.....		....	2	22	5	168
.....	.....	.....	1	145	.....	.....	.....	1	....	9	2	4		1	5	14	.....	402
	6	.....	2	344	3	1	9	3	1	24	7	12		3	10	32	8	1022
	18	1	6	604	15	3	10	7	1	24	7	22		5	17	52	4	1808
	17	.....	5	893	20	6	13	9	....	37	4	31		7	18	51	9	2505
	11	1	10	961	13	2	5	3	1	23	1	16		4	18	26	2	2343
	3	2	3	478	3	1	1	.....	....	9	1	3		....	5	10	.....	999
	57	4	27	3487	55	14	38	23	3	127	24	88		20	75	210	28	9266

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TABLE 21.—DEATHS BY OCCUPATIONS AND

		AGRICULTURE, FORESTRY AND ANIMAL HUSBANDRY						EXTRACTION OF MINERALS			
		Farmers	Farm laborers	Fishermen and oystermen	Gardeners, florists, fruit growers and nurserymen	Other agricultural and animal husbandry pursuits		Foremen, overseers and inspectors	Miners	Quarry operatives
Pneumonia	10 to 19	.....	.....	.....	.....	.....		.....	.....	.....
	20 to 29	.....	2	1	.....	1		.....	.....	.....
	30 to 39	3	1	.....	1	.....		.....	.....	.....
	40 to 49	3	.....	.....	2	.....		.....	2	.....
	50 to 59	1	4	.....	.....	1		.....	2	.....
	60 to 69	13	3	1	3	1		.....	1	.....
	70 to 79	15	1	.....	1	.....		.....	.....	.....
	80 and over	13	.....	.....	1	1		.....	.....	.....
	Totals	48	11	2	8	4		.....	5	.....
Diseases of the respiratory system (pneumonia and tuberculosis excepted)	10 to 19	.....	.....	.....	.....	.....		.....	.....	.....
	20 to 29	.....	.....	.....	.....	.....		.....	.....	.....
	30 to 39	.....	.....	.....	.....	.....		.....	.....	.....
	40 to 49	.....	.....	.....	.....	.....		.....	.....	.....
	50 to 59	1	.....	.....	.....	.....		.....	.....	.....
	60 to 69	.....	.....	.....	3	.....		.....	.....	.....
	70 to 79	2	.....	.....	.....	.....		.....	1	.....
	80 and over	3	.....	.....	.....	.....		.....	.....	.....
	Totals	6	.....	.....	3	.....		.....	1	.....
Diseases of the digestive system	10 to 19	.....	.....	.....	.....	.....		.....	.....	.....
	20 to 29	1	.....	.....	2	.....		.....	.....	.....
	30 to 39	5	.....	.....	.....	.....		.....	.....	.....
	40 to 49	2	4	.....	.....	.....		1	1	1
	50 to 59	3	2	.....	6	.....		.....	.....	.....
	60 to 69	5	1	.....	4	.....		.....	.....	.....
	70 to 79	14	1	.....	2	1		.....	.....	.....
	80 and over	6	.....	.....	.....	.....		.....	.....	.....
	Totals	38	8	.....	14	1		1	1	1
Non-venereal diseases of the genito-urinary system and annexa	10 to 19	.....	.....	.....	.....	.....		.....	.....	.....
	20 to 29	2	.....	.....	.....	.....		.....	.....	.....
	30 to 39	.....	.....	.....	.....	1		.....	.....	.....
	40 to 49	5	1	.....	2	.....		.....	1	.....
	50 to 59	13	4	.....	.....	1		.....	1	.....
	60 to 69	22	6	2	3	.....		.....	.....	.....
	70 to 79	47	4	.....	6	.....		.....	1	.....
	80 and over	26	2	1	4	.....		.....	.....	.....
	Totals	122	17	3	15	2		.....	3	.....

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AGE GROUPS, NEW JERSEY, 1933—Continued

MANUFACTURING AND MECHANICAL INDUSTRIES	Bakers	Blacksmiths, forgemen and hammermen	Boilermakers	Brick and stone masons	Builders and building contractors	Carpenters, coopers and cabinet makers	Compositors, linotypers and typesetters	Dressmakers and seamstresses (not in factory)	Dyers	Electricians and electrical engineers	Engineers (stationary)	Engravers	Filers, grinders, buffers and polishers (metal)	Firemen (except locomotive and fire department)	Glassblowers	Jewelers, watchmakers, goldsmiths and silversmiths
Laborers—																
General and not specified	.....	.....	.....	.....	1	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
Building and hand trades	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chemical Industries	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clay and stone industries (excepting potteries)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Laborers—																
General and not specified	2	10	31	36	43	33	19	7	181	26	118	193				
Building and hand trades	.....	.....	2	3	1	1	.....	.....	7	3	4	2				
Chemical Industries	.....	.....	2	2	3	1	.....	.....	8	.....	2	1				
Clay and stone industries (excepting potteries)	.....	.....	.....	1	.....	2	.....	.....	3	.....	.....	.....				
Laborers—																
General and not specified	.....	1	2	8	11	3	1	3	.....	.....	1	1	.....	.....	.....	.....
Building and hand trades	.....	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chemical Industries	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clay and stone industries (excepting potteries)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Laborers—																
General and not specified	4	13	27	32	26	13	3	1	118	1	2	17	23	42	49	51	8	193
Building and hand trades	.....	1	1	2	.....	.....	.....	.....	4	.....	1	.....	.....	.....	.....	.....	1	2
Chemical Industries	.....	.....	1	1	.....	.....	.....	.....	2	.....	.....	.....	.....	1	.....	.....	.....	1
Clay and stone industries (excepting potteries)	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	2

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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	....	....	....	....	....	....	....	....	.....	.....	.....	.....
	20 to 29	....	2	....	....	....	....	....	....	2	.....	.....	3
	30 to 39	....	....	....	....	1	....	....	2	3	1	1	2
	40 to 49	....	2	....	....	....	....	1	4	2	2	2	2
	50 to 59	....	1	....	1	....	....	....	2	7	3	5	.....
	60 to 69	....	1	....	....	....	....	1	2	7	4	3	1
	70 to 79	....	1	....	....	....	....	....	....	4	2	....	1
	80 and over	....	1	....	....	....	....	....	....	3	.....	2	.....
	Totals	....	8	....	1	1	....	2	10	28	12	13	9
Diseases of the respiratory system (pneumonia and tuberculosis excepted)	10 to 19	....	....	....	....	....	....	....	....	.....	.....	.....	.....
	20 to 29	....	....	....	....	....	....	....	....	.....	.....	.....	1
	30 to 39	....	....	....	....	....	....	....	....	1	.....	.....	1
	40 to 49	....	....	....	....	1	....	....	....	.....	.....	.....	.....
	50 to 59	....	....	....	....	....	....	....	....	.....	2	1	.....
	60 to 69	....	....	....	....	....	....	....	1	.....	.....	.....	.....
	70 to 79	....	....	....	....	....	....	....	1	3	1	.....	.....
	80 and over	....	....	....	....	....	....	....	....	1	.....	.....	.....
	Totals	....	....	....	....	1	....	....	2	5	3	1	2
Diseases of the digestive system	10 to 19	....	....	....	....	....	....	....	....	.....	.....	.....	.....
	20 to 29	....	1	....	....	1	1	....	....	2	.....	1	3
	30 to 39	....	....	....	....	....	....	....	....	3	2	.....	2
	40 to 49	....	2	....	....	....	1	3	2	7	3	.....	8
	50 to 59	....	1	....	....	....	....	....	....	7	14	1	.....
	60 to 69	....	1	....	....	....	....	....	1	.....	3	4	1
	70 to 79	....	1	....	....	....	....	....	....	.....	1	1	.....
	80 and over	....	....	....	....	....	....	....	....	.....	.....	.....	.....
	Totals	....	6	....	....	1	2	3	3	19	23	7	14
Non-venereal diseases of the genito-urinary system and annexa	10 to 19	....	....	....	....	....	....	....	....	.....	.....	.....	.....
	20 to 29	....	1	....	....	....	....	....	....	1	1	.....	1
	30 to 39	....	1	....	....	....	....	....	....	3	1	1	1
	40 to 49	....	5	1	....	....	....	....	....	4	6	1	.....
	50 to 59	....	5	....	....	....	....	....	1	7	6	4	2
	60 to 69	....	....	....	....	1	2	....	3	8	10	14	1
	70 to 79	1	2	....	....	....	....	....	....	6	9	8	2
	80 and over	....	....	....	....	....	....	....	....	.....	2	3	1
	Totals	1	14	1	....	1	2	....	4	29	35	31	8

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AGE GROUPS, NEW JERSEY, 1933—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												1				
						1		1						1		1	2		1
			2		1	2				1	2	1					2		
	1	2	3		1	1				2		2	1				8		
		2	6			3	1			1	1			2	2		4		
	1	2	6	1		3	2			4		1		1			4	2	
			1				2					1		2	1		1		
										1	1	1							
	2	6	19	1	2	10	5	1		9	4	6	1	6	4	1	21	2	1
														1					
							1												
							1					1							
		3	3	1										1			3		
														2			1		
			1														1		
		3	4	1			2					1		4			5		
										2									
			2				1			2				1			1		
		1	1			3					1		1	1	1	1	5		3
		4	4			4	1			2	2			1		1	7		
		1	6			1		1		3	2		2	7	1	1	7		1
1		2	5				3			1	1	1	2	4	1		1		
			2		1							1		1	1	1	2		1
														1					
1		8	20		1	8	5	1		10	6	2	5	16	4	4	23		5
														1		2	1		
			1			2							1				2		
	1		6			3	1			1	2		1				3	1	
			5			4				2	2			1	1		5	2	
		1	7		5	3	6			3	1	1		5	1	1	8	2	
	1		10				4	1		5	1	2	1	7	1	3	9		2
		2	2			2				1		1				1	1	2	
	2	3	31		5	14	11	1		12	6	4	3	14	3	7	29	7	2

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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	....	2	4	1	.....	.....	1	1	.....	.....
	30 to 39	....	.....	2	5	.....	.....	.....	.....	.....	.....
	40 to 49	2	.....	7	2	2	.....	.....	.....	.....	.....
	50 to 59	1	1	9	7	.....	1	.....	.....	1	1
	60 to 69	4	.....	7	4	2	1	1	.....	.....	1
	70 to 79	....	1	3	2	.....	.....	2	2	.....	.....
	80 and over	....	.....	.....	1	.....	.....	1	.....	.....	1
	Totals	7	4	32	23	4	2	5	3	1	3
Diseases of the respiratory system (pneumonia and tuberculosis excepted)	10 to 19	....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	20 to 29	....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	30 to 39	....	1	.....	.....	.....	.....	.....	.....	.....	.....
	40 to 49	....	.....	.....	.....	.....	.....	1	.....	.....	.....
	50 to 59	....	.....	.....	2	.....	1	.....	.....	.....	.....
	60 to 69	....	.....	1	2	.....	1	.....	.....	.....	.....
	70 to 79	....	.....	.....	2	.....	.....	1	.....	.....	.....
	80 and over	....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Totals	....	1	1	6	.....	2	2	.....	.....	.....
Diseases of the digestive system	10 to 19	....	.....	2	.....	.....	.....	.....	.....	.....	.....
	20 to 29	....	.....	2	3	.....	.....	1	.....	.....	1
	30 to 39	1	.....	1	4	1	.....	.....	.....	.....	.....
	40 to 49	....	1	8	3	1	.....	5	.....	.....	3
	50 to 59	....	.....	6	8	1	.....	5	1	.....	4
	60 to 69	2	.....	4	4	3	1	2	.....	.....	1
	70 to 79	1	.....	1	1	.....	1	1	1	.....	2
	80 and over	....	.....	1	.....	.....	.....	.....	.....	.....	.....
	Totals	4	1	25	23	6	2	14	2	.....	11
Non-venereal diseases of the genito-urinary system and annexa	10 to 19	....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	20 to 29	....	.....	1	2	.....	.....	.....	.....	.....	.....
	30 to 39	....	.....	1	1	.....	.....	.....	.....	.....	1
	40 to 49	1	.....	5	8	1	.....	1	1	.....	1
	50 to 59	3	1	10	6	5	1	1	.....	.....	4
	60 to 69	2	1	6	10	1	1	7	1	.....	3
	70 to 79	4	1	9	11	2	.....	.....	3	.....	1
	80 and over	.....	.....	2	.....	1	.....	3	1	.....	2
	Totals	10	3	34	38	10	2	12	6	.....	12

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AGE GROUPS, NEW JERSEY, 1933—Continued

TRANSPORTATION	Water—	Boatmen, canalmen, sailors and deck hands	Longshoremen and stevedores	Other pursuits	Road and Street—	Carriage and hack drivers, draymen, teamsters and expressmen	Chauffeurs	Contractors and foremen (road building)	Garage keepers and managers	Laborers (road building) and street cleaners	Livery stable keepers and managers, hostlers and stable hands	Other pursuits	Railroad—	Baggagemen and freight agents	Brakemen	Conductors	Foremen, overseers and inspectors	Laborers	Locomotive Engineers	Locomotive firemen
							1													
							2		1											
		1					5			1		1			2			2		
		2	1				4			1	1	1			1		1	6		
			1			2	3		1	3		3			1			1		
		2				1	3										1	1	1	
		1				3				1		1								
							1					1								
		6	2			6	19		2	6	1	7			4		2	10	1	
							1													
							1			1										
						1						1				1				
										1										
						1	2			2		1				1				
							2					2								
				1		1	6					5			1		1			
			1			1	4					1				1	1	2		1
		1	3			2	3			1		6		1		1	1	3	1	
						1						2			1	1	1	2		
		1		1		2														
		2	4	2		7	15			1		16		1	2	3	4	7	1	1
							3													
		2				1	6	1	1						1			1		
		1				1	4					1			1			1		
		1		1		3	3		1	1	1	2			2	1	1	4	4	1
			2	1			1		1	2		1				1	1	4	2	1
		2	3	1		5			1	1					1			2	3	
		1	1			1					1				1		3			
		7	6	3		11	17	2	3	4	2	4		6	2	5	4	12	9	2

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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												
	20 to 29											1	
	30 to 39									1			
	40 to 49									1			1
	50 to 59	1				2				1	1		1
	60 to 69			1					1				
	70 to 79												
	80 and over			1									
	Totals	1		2		2			1	3	1	1	2
Diseases of the respiratory system (pneumonia and tuberculosis excepted)	10 to 19												1
	20 to 29												
	30 to 39												
	40 to 49			2									
	50 to 59												
	60 to 69												
	70 to 79												
	80 and over												
	Totals			2									1
Diseases of the digestive system	10 to 19												1
	20 to 29			1								1	
	30 to 39			2									
	40 to 49	1		1	1	1				1		2	1
	50 to 59	1										1	3
	60 to 69		2	1		4				1			1
	70 to 79												
	80 and over					1							
	Totals	2	2	5	1	6				2		4	6
Non-venereal diseases of the genito-urinary system and annexa	10 to 19												1
	20 to 29											3	
	30 to 39					1							
	40 to 49		1	1						1			3
	50 to 59	1			2	1					2		3
	60 to 69	1	1	1		3				2	1		1
	70 to 79	1		1				1		1	2		1
	80 and over			1				1					
	Totals	3	2	4	2	5		2		4	5	3	9

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AGE GROUPS, NEW JERSEY, 1933—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	4	.....	.....	1		.....	.....	.....	.....	.....	.....	.....
	1	1	.....	1	3	8	.....	4	.....		.....	.....	.....	.....	1	.....	.....
	.....	.....	1	2	.....	6	.....	15	1		.....	.....	.....	.....	1	.....	1
	5	1	2	1	8	6	1	19	2		1	1	.....	.....	.....	2	4
	.....	.....	.....	1	5	5	.....	13	.....		.....	.....	2	2	1	.....	1
	.....	.....	.....	.....	1	3	1	13	.....		.....	2	.....	.....	2	.....	5
	.....	.....	.....	.....	1	2	.....	4	.....		1	.....	.....	.....	.....	1	1
	6	4	3	5	19	34	2	68	4		2	3	2	2	5	3	12
	.....	.....	.....	.....	.....	.....	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....
	.....	.....	1	.....	.....	.....	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....
	.....	2	.....	.....	.....	.....	.....	1	.....		.....	1	.....	.....	.....	.....	.....
	.....	.....	.....	.....	.....	1	.....	1	1		.....	2	.....	.....	.....	.....	.....
	.....	.....	.....	.....	.....	4	.....	4	.....		.....	1	.....	2	1	.....	3
	2	.....	.....	.....	.....	2	.....	4	.....		.....	.....	.....	.....	.....	.....	.....
	.....	.....	.....	.....	.....	1	.....	4	.....		.....	.....	.....	.....	.....	.....	.....
	.....	.....	.....	.....	.....	.....	.....	3	.....		.....	.....	.....	.....	1	.....	.....
	2	2	1	.....	.....	8	.....	17	1		.....	4	.....	2	2	.....	3
	.....	1	1	.....	.....	.....	.....	.....	.....		.....	.....	.....	.....	.....	1	.....
	.....	3	1	.....	1	2	.....	2	2		.....	.....	.....	.....	1	.....	.....
	.....	2	.....	.....	1	8	1	15	2		1	.....	.....	.....	4	.....	2
	2	3	.....	2	4	9	.....	24	6		4	.....	.....	3	1	1	2
	2	1	1	.....	7	11	.....	28	2		1	1	4	1	3	1	3
	3	2	2	.....	5	5	.....	18	1		1	1	1	1	.....	.....	5
	2	.....	.....	.....	.....	4	.....	15	.....		.....	.....	1	2	.....	.....	2
	.....	.....	.....	.....	1	.....	.....	3	.....		.....	.....	.....	.....	.....	.....	.....
	9	12	5	2	19	39	1	105	13		7	2	6	7	9	3	14
	.....	.....	.....	.....	.....	.....	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....
	.....	.....	.....	.....	1	.....	.....	.....	.....		.....	.....	.....	.....	.....	1	.....
	1	1	.....	.....	.....	3	.....	4	.....		1	1	.....	.....	1	1	.....
	1	.....	.....	1	2	5	.....	8	1		1	.....	.....	1	1	.....	1
	4	1	1	1	9	18	.....	23	.....		1	2	.....	3	1	.....	3
	11	2	.....	1	11	11	1	32	5		2	4	1	6	6	.....	20
	2	2	.....	.....	10	12	2	46	3		.....	1	1	2	4	.....	19
	2	.....	.....	.....	2	5	.....	21	1		.....	.....	.....	1	.....	.....	5
	21	6	1	3	35	54	3	134	10		5	8	2	13	13	2	48

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TABLE 21.—DEATHS BY OCCUPATIONS AND

		PROFESSIONAL SERVICE	Architects	Authors, editors and reporters	Chemists, assayers, etc.	Civil and mining engineers and surveyors	Clergymen	Dentists	Designers, draftsmen and inventors	Lawyers, judges and justices	Musicians and teachers of music	Photographers	Physicians and surgeons	Teachers and other educators	Other professional and semi-professional pursuits
Pneumonia	10 to 19		....	....	....	....	....	....	....	....	....	....	....	....	....
	20 to 29		....	....	....	2	1	....	1	....	....	....	....	1	....
	30 to 39		....	....	1	1	....	....	....	....	1	1	....	1	3
	40 to 49		....	....	1	....	....	....	....	1	1	....	....	2	4
	50 to 59		....	....	....	1	1	1	....	....	....	1	1	....	3
	60 to 69		....	....	....	1	....	1	1	1	....	....	1	6	7
	70 to 79		....	....	1	....	2	....	....	1	1	....	1	1	2
	80 and over		....	1	....	1	....	....	....	1	....	....	2	....	....
	Totals		....	1	3	6	4	2	2	4	3	2	5	11	19
Diseases of the respiratory system (pneumonia and tuberculosis excepted)	10 to 19		....	....	....	....	....	....	....	....	....	....	....	....	....
	20 to 29		....	....	....	....	....	....	....	....	....	....	....	1	....
	30 to 39		....	....	1	....	....	....	....	....	....	....	....	1	....
	40 to 49		....	....	....	....	....	....	1	....	....	....	....	1	....
	50 to 59		....	....	....	....	....	....	....	....	....	1	....	....	....
	60 to 69		....	....	....	....	....	....	....	....	....	....	....	....	....
	70 to 79		....	....	....	....	....	....	....	....	....	....	....	1	....
	80 and over		....	....	....	....	....	....	....	....	....	....	....	....	....
	Totals		....	....	1	....	....	....	1	....	....	1	....	4	....
Diseases of the digestive system	10 to 19		....	....	....	....	....	....	....	....	....	....	....	....	....
	20 to 29		....	....	....	....	....	....	....	....	....	....	....	1	2
	30 to 39		....	....	1	....	....	1	....	3	1	....	....	1	4
	40 to 49		1	....	1	2	....	....	1	1	....	....	1	2	5
	50 to 59		....	2	....	1	1	....	....	2	....	....	....	....	5
	60 to 69		....	....	....	2	....	....	....	1	....	....	....	3	5
	70 to 79		....	....	....	....	....	....	....	....	....	....	1	1	1
	80 and over		....	....	....	....	....	....	....	....	....	1	....	....	....
	Totals		1	2	2	5	1	1	1	7	1	1	2	8	22
Non-venereal diseases of the genito-urinary system and annexa	10 to 19		....	....	....	....	....	....	....	....	....	....	....	....	1
	20 to 29		....	....	....	....	....	....	....	1	....	....	....	1	....
	30 to 39		....	....	....	....	....	....	....	1	....	....	....	2	6
	40 to 49		....	1	....	....	....	....	....	1	3	....	1	3	2
	50 to 59		1	....	....	1	5	2	....	....	....	3	1	3	5
	60 to 69		....	....	1	3	3	....	1	1	1	....	3	5	8
	70 to 79		2	2	....	1	3	....	1	1	5	....	1	5	4
	80 and over		1	....	....	....	....	....	....	1	....	....	....	1	1
	Totals		4	3	1	5	11	2	2	6	9	3	6	20	27

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AGE GROUPS, NEW JERSEY, 1933—Continued

DOMESTIC AND PERSONAL SERVICE	Barbers, hairdressers and manicurists	Bartenders	Hotel keepers and managers	Housekeepers and stewards	Janitors and sextons	Launderers and laundresses	Porters (except in stores)	Restaurant, cafe and lunch room keepers	Saloonkeepers	Servants	Waiters	Other pursuits	CLERICAL OCCUPATIONS	Agents, canvassers and collectors	Bookkeepers, cashiers and accountants	Clerks (except clerks in stores)	Other clerical pursuits	Totals
	.....	.....	.....	3	.....	1	.....	.....	.....	.....	2	1		....	.....	1	.....	15
	1	.....	.....	34	.....	1	.....	.....	.....	6	.....	.....		....	.....	5	2	105
	1	.....	1	83	1	.....	1	1	....	4	1	2		1	1	9	3	228
	3	.....	.....	91	3	2	.....	1	....	8	2	4		2	1	11	2	297
	2	.....	.....	117	2	5	3	2	....	9	1	5		....	3	7	1	388
	1	.....	2	119	3	1	1	1	....	4	.....	2		3	1	6	2	359
	1	1	.....	127	.....	.....	.....	.....	....	5	1	2		....	1	3	.....	266
	.....	.....	.....	63	.....	.....	.....	.....	....	.....	.....	.....		....	.....	.....	.....	120
	9	1	3	637	9	10	5	5	....	36	7	16		6	7	42	10	1778
	.....	.....	.....	.....	.....	.....	.....	.....	....	.....	.....	.....		....	.....	1	1	2
	.....	.....	.....	6	.....	.....	.....	.....	....	.....	.....	.....		....	.....	4	.....	17
	.....	.....	.....	12	.....	.....	1	.....	....	1	.....	1		....	1	1	.....	30
	.....	.....	.....	10	.....	.....	.....	.....	....	1	.....	1		....	.....	3	1	47
	.....	.....	1	16	1	.....	1	.....	....	.....	.....	.....		....	1	5	.....	79
	.....	.....	.....	11	1	.....	.....	.....	....	.....	.....	.....		....	.....	.....	.....	39
	.....	.....	.....	13	.....	.....	.....	1	....	1	.....	.....		....	1	1	.....	37
	.....	.....	.....	13	.....	.....	.....	.....	....	.....	.....	.....		....	1	1	.....	26
	.....	.....	1	81	2	.....	2	1	....	3	.....	2		....	4	16	2	277
	.....	.....	.....	.....	.....	1	.....	.....	....	1	.....	2		....	.....	1	.....	13
	1	.....	.....	35	.....	1	.....	.....	....	3	2	1		....	1	14	1	116
	2	.....	1	76	.....	1	.....	1	....	3	3	2		1	.....	12	2	234
	5	.....	2	119	5	.....	1	3	....	10	1	5		1	4	10	.....	400
	3	1	3	145	3	.....	3	2	....	1	2	2		1	4	6	.....	433
	1	.....	2	157	1	1	.....	.....	....	1	.....	3		....	2	10	.....	363
	1	1	1	81	.....	.....	.....	1	....	1	.....	.....		....	1	2	.....	189
	1	.....	.....	21	2	.....	.....	.....	....	.....	.....	.....		....	.....	2	.....	44
	14	2	9	634	11	4	4	7	....	20	8	15		3	12	57	3	1792
	.....	.....	.....	.....	.....	.....	.....	.....	....	.....	.....	.....		....	.....	.....	3	6
	1	.....	.....	41	.....	.....	.....	.....	....	4	.....	1		....	.....	8	.....	82
	1	.....	.....	84	.....	1	.....	.....	....	5	.....	3		....	.....	4	.....	172
	3	.....	1	164	1	2	.....	.....	....	11	2	2		2	3	8	1	348
	4	.....	.....	228	4	1	.....	2	....	9	7	5		....	6	14	1	598
	4	.....	4	315	8	1	2	2	1	11	.....	3		2	4	18	4	818
	2	.....	.....	312	6	.....	1	1	....	8	1	3		1	2	14	.....	804
	1	.....	3	154	2	.....	.....	.....	....	6	.....	1		....	3	6	.....	332
	16	.....	8	1298	21	5	3	5	1	54	10	18		5	18	72	9	3160

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TABLE 21.—DEATHS BY OCCUPATIONS AND

		AGRICULTURE, FORESTRY AND ANIMAL HUSBANDRY						EXTRACTION OF MINERALS			
			Farmers	Farm laborers	Fishermen and oystermen	Gardeners, florists, fruit growers and nurserymen	Other agricultural and animal husbandry pursuits		Foremen, overseers and inspectors	Miners	Quarry operatives
Suicide	10 to 19		.....	.....	.....	.....	.....		.....	.....	.....
	20 to 29		.....	.....	.....	.....	.....		.....	.....	.....
	30 to 39		2	1	.....	2	.....		.....	1	.....
	40 to 49		5	1	.....	.....	.....		.....	2	.....
	50 to 59		6	4	1	1	.....		.....	2	1
	60 to 69		5	1	.....	1	.....		.....	1	.....
	70 to 79		1	.....	.....	4	.....		.....	.....	.....
	80 and over		1	.....	.....	.....	.....		.....	.....	.....
	Totals		20	7	1	8	.....		.....	6	1
Violent deaths (suicide excepted)	10 to 19		3	1	.....	.....	.....		.....	.....	.....
	20 to 29		11	5	2	.....	2		.....	.....	1
	30 to 39		7	4	.....	4	.....		.....	2	.....
	40 to 49		9	7	1	3	.....		.....	1	.....
	50 to 59		10	9	1	2	.....		.....	.....	.....
	60 to 69		11	5	1	3	.....		.....	.....	.....
	70 to 79		8	3	1	3	.....		.....	.....	.....
	80 and over		8	.....	.....	1	1		.....	.....	.....
	Totals		67	34	6	16	3		.....	3	1
All other diseases and causes of death	10 to 19		2	.....	.....	.....	.....		.....	.....	.....
	20 to 29		3	1	.....	3	.....		.....	.....	.....
	30 to 39		4	1	.....	.....	.....		.....	.....	.....
	40 to 49		6	3	3	.....	.....		.....	.....	1
	50 to 59		10	.....	1	4	1		.....	.....	.....
	60 to 69		14	1	1	5	.....		.....	.....	.....
	70 to 79		23	1	1	1	.....		.....	1	.....
	80 and over		7	1	.....	1	1		.....	.....	.....
	Totals		69	8	6	14	2		.....	1	1
Summary	10 to 19		6	1	.....	1	.....		.....	.....	.....
	20 to 29		21	12	3	8	3		.....	.....	1
	30 to 39		30	10	.....	9	3		.....	3	.....
	40 to 49		55	24	5	12	2		2	8	3
	50 to 59		95	41	11	35	8		1	10	2
	60 to 69		205	40	14	51	5		1	9	1
	70 to 79		282	32	9	69	2		2	6	1
	80 and over		182	12	8	25	7		.....	1	1
	Totals		876	172	50	210	30		6	37	9

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AGE GROUPS, NEW JERSEY, 1933—Continued

MANUFACTURING AND MECHANICAL INDUSTRIES	Bakers	Blacksmiths, forgemen and hammermen	Boilermakers	Brick and stone masons	Builders and building contractors	Carpenters, coopers and cabinet makers	Compositors, linotypers and typesetters	Dressmakers and seamstresses (not in factory)	Dyers	Electricians and electrical engineers	Engineers (stationery)	Engravers	Filers, grinders, buffers and polishers (metal)	Firemen (except locomotive and fire department)	Glassblowers	Jewelers, watchmakers, goldsmiths and silversmiths
Laborers—																
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
	.....	1	1	2	.....	.....	.....	1	.....	1	1	.....	.....	.....	.....	.....
	2	.....	.....	.....	1	5	.....	.....	.....	1	3	.....	.....	1	.....	.....
	.....	.....	.....	1	1	3	.....	.....	.....	1	.....	.....	.....	1	.....	.....
	3	1	.....	2	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
	1	2	.....	2	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
General and not specified	6	5	1	7	3	12	....	1	....	3	5	....	....	2	....	3
Building and hand trades																
	1	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
	3	.....	1	1	1	3	.....	.....	2	4	2	.....	.....	.....	.....	.....
	2	1	.....	2	2	9	.....	.....	3	3	1	.....	.....	1	.....	.....
	1	.....	2	3	2	18	.....	.....	.....	4	1	.....	.....	2	.....	1
	2	2	2	2	2	17	.....	.....	.....	.....	5	.....	2	3	.....	.....
	1	.....	1	.....	1	10	....	2	.....	2	2	1	.....	2	.....	1
	2	.....	.....	2	3	8	.....	.....	.....	.....	2	.....	.....	.....	.....	1
Chemical industries	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Clay and stone industries (excepting potteries)	12	3	6	11	11	66	....	2	5	14	13	1	3	8	....	3
	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	.....	1	.....	1	.....	3	.....	.....	.....	.....	1	.....	1	.....	.....	.....
	2	.....	.....	3	.....	7	.....	1	.....	2	3	.....	.....	1	.....	.....
	4	1	.....	2	1	7	.....	1	1	3	2	.....	1	1	1	.....
	1	1	.....	4	3	8	.....	1	1	3	7	.....	.....	2	.....	2
	4	.....	1	2	4	10	.....	2	.....	2	8	.....	1	1	.....	3
	.....	.....	.....	.....	2	5	.....	.....	.....	1	2	.....	.....	.....	1	1
	.....	.....	.....	1	1	5	.....	.....	1	.....	1	.....	.....	.....	.....	.....
	11	3	1	13	12	45	....	5	3	11	24	....	3	5	2	6
	1	.....	.....	.....	1	1	.....	2	.....	1	.....	.....	.....	.....	.....	.....
	4	1	1	6	2	15	1	2	3	9	6	3	1	1	....	1
	8	5	3	12	2	36	....	8	4	19	10	.....	.....	6	2	.....
	21	13	7	20	12	78	4	8	4	34	25	1	5	16	1	10
	28	19	8	39	36	156	5	13	8	29	47	2	9	41	3	18
	34	30	7	44	30	207	2	23	3	22	77	2	4	35	5	21
	15	32	4	49	38	197	5	17	7	14	51	2	3	12	4	37
	11	14	2	21	9	95	1	3	3	....	12	2	2	1	1	10
	122	114	32	191	130	785	18	76	32	128	228	12	24	112	16	97

MANUFACTURING AND MECHANICAL INDUSTRIES	Enginemen (except locomotive and fire department)	Engineers (except locomotive and fire department)	Firemen (except locomotive and fire department)	Foremen (except locomotive and fire department)	Laborers (except locomotive and fire department)	Locomotive engineers	Locomotive firemen	Machinists	Mechanics (not elsewhere specified)	Metal workers (not elsewhere specified)	Millers	Molders	Painters and glaziers	Paperhangers	Pattern makers	Plasterers
Laborers—																
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

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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	....	....	....	....	....	....	....	....	....	....	....	....
	20 to 29	....	....	....	....	....	....	....	....	1	....	....	4
	30 to 39	....	....	....	....	....	....	....	1	4	1	....	3
	40 to 49	1	2	....	....	....	....	....	1	1	3	1	....
	50 to 59	....	1	....	....	....	....	....	....	4	3	1	3
	60 to 69	....	1	....	....	....	....	1	....	1	2	....	....
	70 to 79	....	....	....	....	....	....	1	....	1	....	1	2
	80 and over	....	....	....	....	....	....	....	....	....	....	....	....
	Totals	1	4	....	....	....	....	2	2	12	9	3	12
Violent deaths (suicide excepted)	10 to 19	....	1	....	....	....	....	1	2	....	....	....	1
	20 to 29	....	....	4	....	....	1	1	....	1	2	1	8
	30 to 39	....	7	1	....	....	....	1	1	12	5	1	6
	40 to 49	....	4	....	....	....	1	2	....	5	5	1	7
	50 to 59	....	3	....	....	....	1	....	2	4	7	3	....
	60 to 69	....	12	....	....	....	1	....	....	4	2	....	2
	70 to 79	....	....	....	....	....	1	1	....	3	....	....	....
	80 and over	....	....	....	....	....	....	....	1	1	1	....	....
	Totals	....	17	5	....	....	5	6	6	30	22	6	24
All other diseases and causes of death	10 to 19	....	....	....	....	....	....	....	....	....	....	....	....
	20 to 29	....	....	....	....	....	....	1	....	2	1	....	1
	30 to 39	....	3	....	....	....	1	....	1	8	1	....	5
	40 to 49	....	2	1	....	....	2	1	2	8	5	4	5
	50 to 59	....	3	....	....	....	....	....	1	9	3	5	1
	60 to 69	....	2	....	....	....	....	....	1	5	6	5	2
	70 to 79	....	1	....	....	....	....	....	....	6	3	5	....
	80 and over	....	....	....	....	....	....	....	....	1	....	....	....
	Totals	....	11	1	....	....	3	2	5	39	21	19	14
Summary	10 to 19	....	1	....	....	....	....	1	2	....	....	....	1
	20 to 29	1	6	4	....	2	3	3	1	15	7	4	29
	30 to 39	....	17	1	1	1	2	1	10	53	15	6	34
	40 to 49	2	26	3	....	2	4	8	17	66	53	23	34
	50 to 59	....	38	....	3	3	6	2	23	107	80	52	26
	60 to 69	....	20	....	....	2	7	8	24	108	72	80	18
	70 to 79	1	20	....	....	....	6	2	4	81	45	58	15
	80 and over	....	3	....	....	....	....	....	2	18	12	20	3
	Totals	4	131	8	4	10	28	25	85	448	284	243	160

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AGE GROUPS, NEW JERSEY, 1933—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	.....	.....	.....	.....	.....		3	.....	.....	.....	.....	.....	.....	.....	.....	.....
....	.....	.....	1	.....	.....	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....	1	.....	.....
1	.....	1	1	.....	.....	3	1	1		2	1	.....	.....	.....	.....	.....	2	.....	.....
....	.....	.....	4	.....	.....	2	3	1		.....	.....	.....	.....	1	2	.....	3	.....	.....
....	.....	2	2	.....	.....	.....	1	.....		1	.....	.....	.....	1	.....	.....	1	1	.....
....	.....	.....	.....	.....	.....	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....	1	.....	.....
....	.....	.....	.....	.....	.....	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1	.....	3	9	.....	.....	5	5	2		6	1	.....	.....	2	2	.....	8	1	....
....	.....	.....	1	.....	.....	1	.....	.....		3	.....	.....	.....	4	2	.....	2	.....	....
....	.....	1	5	.....	.....	1	1	.....		3	1	1	.....	4	.....	.....	4	1	....
....	.....	2	7	.....	.....	2	2	1		2	2	.....	.....	1	1	.....	4	2	....
....	.....	4	8	.....	.....	4	2	1		2	1	.....	.....	2	2	1	10	.....	....
....	.....	2	2	2	2	5	.....	.....		2	.....	.....	1	.....	.....	1	7	1	....
....	.....	1	3	2	1	2	1	.....		2	.....	.....	.....	.....	2	.....	2	3	....
....	.....	1	2	.....	.....	1	1	.....		.....	2	.....	.....	1	1	.....	3	.....	....
....	.....	.....	.....	.....	.....	.....	.....	.....		.....	.....	.....	.....	.....	.....	1	.....	.....	....
....	.....	11	28	4	3	16	7	2		14	6	1	1	12	8	3	32	7	....
....	.....	.....	.....	.....	.....	1	.....	.....		1	.....	.....	.....	2	.....	.....	.....	.....	....
....	1	.....	1	.....	.....	1	1	.....		3	.....	2	.....	2	3	.....	1	.....	....
....	.....	.....	2	.....	1	1	3	.....		1	1	.....	.....	.....	.....	.....	3	.....	1
....	.....	1	7	1	2	3	3	.....		2	1	.....	.....	1	.....	1	8	2	....
1	.....	.....	11	.....	1	5	1	.....		3	.....	1	.....	2	.....	.....	3	.....	1
1	.....	1	3	.....	.....	3	.....	.....		4	1	1	.....	3	1	.....	4	.....	1
....	.....	.....	3	2	.....	2	.....	.....		2	1	.....	.....	2	.....	.....	6	3	1
....	.....	.....	.....	.....	.....	.....	.....	.....		.....	.....	.....	.....	2	1	.....	.....	.....	....
2	1	2	27	3	4	16	8	.....		16	4	4	.....	14	5	1	25	5	4
....	.....	.....	3	.....	.....	2	.....	.....		12	1	3	.....	8	5	.....	3	.....	....
....	1	3	14	.....	.....	6	9	1		20	4	4	1	16	5	5	12	2	2
....	.....	8	23	1	2	18	7	1		15	6	2	3	6	4	1	28	4	6
1	3	16	64	6	3	41	16	4		23	10	3	6	15	7	5	60	10	1
1	.....	20	87	6	6	52	23	7		28	11	6	9	34	11	9	76	11	6
4	3	22	88	9	9	45	45	3		31	9	7	6	44	18	7	68	26	5
1	3	15	63	3	3	22	13	2		16	12	15	5	35	8	10	59	21	13
2	.....	5	19	.....	.....	5	4	.....		3	1	6	.....	8	1	5	12	10	3
9	10	89	361	25	23	191	117	18		148	54	46	30	166	59	42	318	84	36

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TABLE 21.—DEATHS BY OCCUPATIONS AND

		Potteries	Rubber Industries	Textile Industries	Other Industries	Shoemakers and cobblers (not in factory)	Stonecutters	Tailors and tailoresses	Tinsmiths and coppersmiths	Upholsterers	Other manufacturing and mechanical industries
Suicide	10 to 19	....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	20 to 29	....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	30 to 39	....	.....	.....	.....	.....	.....	1	.....	.....	.....
	40 to 49	....	1	4	2	.....	.....	1	.....	.....	1
	50 to 59	....	.....	5	2	1	.....	1	.....	.....	2
	60 to 69	....	.....	5	1	1	.....	.....	1	.....	1
	70 to 79	....	.....	3	1	.....	.....	.....	.....	.....	.....
	80 and over	....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Totals	....	1	17	6	2	.....	3	1	.....	4
Violent deaths (suicide excepted)	10 to 19	....	.....	3	3	.....	.....	.....	.....	.....	.....
	20 to 29	2	.....	3	7	.....	.....	.....	.....	.....	1
	30 to 39	....	2	6	5	1	.....	1	.....	.....	1
	40 to 49	2	.....	5	10	.....	1	2	.....	.....	2
	50 to 59	2	1	3	6	3	3	2	.....	.....	.....
	60 to 69	1	1	5	2	3	.....	1	.....	1	.....
	70 to 79	....	.....	2	3	1	.....	.....	.....	1	.....
	80 and over	....	.....	.....	.....	2	.....	.....	.....	.....	.....
	Totals	7	4	27	36	10	4	6	.....	2	4
All other diseases and causes of death	10 to 19	....	.....	.....	2	.....	.....	.....	.....	.....	.....
	20 to 29	....	1	3	2	.....	.....	.....	.....	.....	.....
	30 to 39	....	.....	1	5	.....	.....	2	.....	1	2
	40 to 49	1	1	6	5	3	1	1	.....	.....	2
	50 to 59	....	1	9	7	2	.....	4	.....	.....	1
	60 to 69	1	2	9	3	3	1	3	1	.....	.....
	70 to 79	2	.....	2	1	.....	.....	.....	.....	1	1
	80 and over	....	.....	1	1	1	.....	1	.....	1	.....
	Totals	4	5	31	26	9	2	11	1	3	6
Summary	10 to 19	....	.....	11	7	.....	.....	.....	.....	.....	.....
	20 to 29	4	4	19	33	.....	.....	3	2	.....	4
	30 to 39	1	5	22	32	3	1	8	.....	1	8
	40 to 49	13	7	60	55	14	3	23	6	2	16
	50 to 59	12	9	101	77	33	7	32	3	6	25
	60 to 69	24	16	97	83	38	12	41	7	5	32
	70 to 79	18	7	74	48	22	4	32	14	9	17
	80 and over	2	2	14	10	13	.....	13	1	2	10
	Totals	74	50	398	345	123	27	152	33	25	112

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AGE GROUPS, NEW JERSEY, 1933—Continued

TRANSPORTATION	Water—	Boatmen, canalmen, sailors and deck hands	Longshoremen and stevedores	Other pursuits	Road and Street—	Carriage and hack drivers, draymen, teamsters and expressmen	Chauffeurs	Contractors and foremen (road building)	Garage keepers and managers	Laborers (road building) and street cleaners	Livery stable keepers and managers, hostlers and stable hands	Other pursuits	Railroad—	Baggagemen and freight agents	Brakemen	Conductors	Foremen, overseers and inspectors	Laborers	Locomotive engineers	Locomotive firemen
		....	....	....		.....	.....	....	....	....	.....	.....		.....	.....	.....	.....	.....	.....	.....
		2	....	....		.....	2	....	....	....	.....	.....		.....	.....	.....	.....	.....	.....	.....
		....	....	....		1	3	....	....	....	.....	.....		.....	.....	.....	.....	.....	.....	.....
		....	....	....		.....	2	....	....	....	.....	.....		.....	1	.....	.....	.....	.....	1
		1	....	....		.....	1	....	....	....	.....	.....		.....	.....	.....	.....	.....	.....	.....
		3	....	....		.....	.....	....	....	....	.....	.....		.....	.....	.....	.....	1	.....	.....
		....	....	....		1	.....	....	1	....	.....	.....		.....	.....	.....	.....	.....	.....	.....
		....	....	....		.....	.....	....	....	....	.....	.....		.....	.....	.....	.....	.....	.....	.....
		6	....	....		2	8	....	1	....	.....	.....		.....	1	.....	.....	1	.....	1
		....	....	....		.....	1	....	....	....	.....	2		.....	.....	.....	.....	.....	.....	.....
		2	....	....		2	18	....	....	1	.....	1		.....	.....	.....	1	2	.....	.....
		3	3	....		1	13	....	....	....	.....	1		.....	1	.....	3	4	.....	.....
		4	3	2		2	6	1	2	....	.....	2		.....	2	.....	.....	8	2	2
		....	....	....		3	2	....	....	1	1	2		.....	1	1	2	2	2	....
		4	....	....		1	....	....	1	3	.....	1		.....	.....	.....	.....	2	.....	.....
		3	....	....		.....	1	....	....	....	.....	.....		.....	.....	.....	.....	.....	.....	.....
		....	....	....		.....	.....	....	....	1	.....	1		1	.....	1	.....	.....	.....	.....
		16	6	2		9	41	1	3	6	1	10		1	4	2	6	18	4	2
		....	....	....		.....	.....	....	....	1	.....	.....		.....	.....	.....	.....	.....	.....	.....
		1	....	....		1	8	....	....	....	.....	2		.....	.....	.....	.....	.....	.....	.....
		4	....	....		1	9	....	1	1	.....	1		.....	2	.....	1	.....	.....	2
		....	....	....		3	7	....	....	....	.....	.....		.....	.....	.....	1	1	.....	.....
		....	....	....		1	3	....	1	2	1	2		.....	1	.....	2	.....	1	....
		3	....	....		2	.....	....	1	....	1	1		2	2	1	1	.....	3	....
		....	....	....		1	.....	....	....	1	1	1		.....	1	1	.....	2	2	....
		2	....	1		.....	.....	....	....	....	.....	.....		.....	.....	.....	.....	.....	.....	.....
		10	....	1		9	27	....	3	5	3	7		2	6	2	5	3	6	2
		....	....	....		.....	3	....	....	1	.....	2		.....	.....	.....	.....	.....	.....	.....
		5	....	....		5	57	....	2	2	.....	7		.....	.....	.....	1	3	.....	....
		11	9	1		8	84	1	3	3	.....	14		1	7	.....	7	8	.....	3
		10	11	5		15	57	1	6	7	3	13		1	13	6	6	29	2	7
		11	16	2		24	38	2	9	16	5	32		4	7	10	9	16	13	1
		30	7	4		18	16	2	7	15	4	19		8	9	11	11	18	15	1
		20	7	4		24	4	7	2	8	8	11		5	4	11	11	10	17	1
		8	2	3		7	2	2	....	2	1	3		2	2	6	6	4	4	....
		95	52	19		101	261	15	29	54	21	101		21	42	44	51	88	51	13

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TABLE 21.—DEATHS BY OCCUPATIONS AND

		Motormen	Officials and superintendents	Switchmen, flagmen and yardmen	Ticket and station agents	Other pursuits	Express, Post, Telegraph and Telephone—	Express messengers and railway mail clerks	Linemen	Mail carriers	Telegraph operators	Telephone operators	Other pursuits
Suicide	10 to 19												
	20 to 29												
	30 to 39												1
	40 to 49			1									
	50 to 59			1									
	60 to 69					1							
	70 to 79				1								
	80 and over												
	Totals			2	1	1							1
Violent deaths (suicide excepted)	10 to 19												1
	20 to 29								1	1		2	1
	30 to 39									2			
	40 to 49					4			1				1
	50 to 59	1	1	2		2				1	1	1	1
	60 to 69			2		5				1			
	70 to 79					1							1
	80 and over										1		
	Totals	1	1	4		12		2	5	2	3	5	
All other diseases and causes of death	10 to 19												
	20 to 29											3	
	30 to 39			1									
	40 to 49		1			1				2			1
	50 to 59							1				1	
	60 to 69	1	2	2		1				1			
	70 to 79	1			1					1			1
	80 and over												
	Totals	2	3	3	1	2		1		4		4	2
Summary	10 to 19												3
	20 to 29			1					1	3	2	11	6
	30 to 39			3		3			1	3	1	3	5
	40 to 49	3	4	8	2	9			1	7	3	2	11
	50 to 59	7	5	16	5	12		3	2	5	7	4	15
	60 to 69	8	11	24	4	27		1	2	14	5	1	12
	70 to 79	4	4	5	3	12		1		11	8		8
	80 and over		1	6		4		1	1		1		
	Totals	22	25	63	14	67		6	8	43	27	21	60

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AGE GROUPS, NEW JERSEY, 1933—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	.....		.....	.....	.....	.....	.....	.....	1
	1	.....	.....	.....	3	2	.....	5	.....		1	.....	1	1	2	.....	.....
	.....	1	.....	1	5	4	.....	16	.....		1	.....	.....	.....	.....	.....	1
	1	.....	.....	.....	6	10	.....	11	1		.....	.....	.....	.....	.....	.....	1
	2	.....	.....	.....	5	4	.....	5	.....		.....	.....	.....	.....	.....	.....	1
	.....	.....	.....	1	2	1	.....	4	.....		.....	.....	.....	.....	.....	.....	.....
	.....	.....	.....	.....	.....	.....	.....	1	.....		.....	.....	.....	1	.....	.....	1
	4	2	.....	2	21	23	.....	43	1		2	.....	1	2	2	.....	5
	.....	.....	3	.....	.....	1	.....	1	1		.....	.....	.....	.....	.....	1	.....
	1	1	2	3	1	9	.....	7	1		.....	2	.....	.....	2	.....	.....
	.....	.....	2	6	4	13	1	6	2		2	.....	.....	3	4	.....	3
	3	1	.....	3	5	13	.....	14	1		4	3	1	1	3	3	4
	2	.....	1	.....	8	7	.....	11	.....		.....	2	.....	4	1	.....	1
	.....	1	.....	.....	.....	1	.....	25	.....		.....	1	.....	2	1	.....	10
	1	.....	.....	.....	.....	2	.....	4	2		.....	2	.....	2	1	.....	8
	.....	.....	.....	.....	2	.....	.....	4	1		.....	.....	.....	2	.....	.....	.....
	7	3	8	12	20	46	1	72	8		6	10	1	14	12	4	26
	.....	1	.....	.....	.....	3	.....	.....	1		.....	.....	.....	.....	.....	.....	.....
	.....	2	.....	.....	1	3	.....	1	1		.....	1	.....	.....	.....	.....	.....
	.....	1	.....	1	2	9	.....	6	.....		.....	.....	.....	.....	1	.....	1
	.....	.....	.....	1	.....	2	1	13	1		.....	.....	.....	2	.....	1	.....
	1	1	.....	.....	3	9	.....	23	4		.....	.....	1	3	2	.....	3
	1	2	1	1	6	10	1	29	.....		2	.....	2	1	6	.....	4
	4	.....	.....	.....	4	2	2	16	.....		.....	.....	.....	5	1	.....	6
	.....	.....	.....	.....	2	.....	.....	3	1		1	1	.....	.....	1	.....	.....
	6	7	1	3	18	38	4	91	8		3	2	3	11	11	1	14
	.....	4	5	.....	.....	5	.....	1	3		.....	.....	.....	.....	.....	2	1
	1	19	5	8	8	38	.....	16	9		.....	4	.....	.....	4	2	2
	5	11	3	11	21	67	3	68	10		8	3	2	6	19	2	14
	8	10	2	14	37	104	2	189	17		12	11	2	13	19	7	20
	34	4	9	7	92	138	6	291	22		13	21	13	26	25	7	43
	44	21	7	9	81	112	5	355	17		18	19	7	36	32	1	107
	31	7	1	2	65	69	8	280	11		1	12	3	25	25	1	101
	8	1	.....	1	22	20	.....	99	3		2	3	1	7	5	1	17
	131	77	32	52	326	553	24	1299	92		54	73	28	113	129	23	305

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TABLE 21.—DEATHS BY OCCUPATIONS AND

	PROFESSIONAL SERVICE	Architects	Authors, editors and reporters	Chemists, assayers, etc.	Civil and mining engineers and surveyors	Clergymen	Dentists	Designers, draftsmen and inventors	Lawyers, judges and justices	Musicians and teachers of music	Photographers	Physicians and surgeons	Teachers and other educators	Other professional and semi-professional pursuits
Suicide														
10 to 19		....	....	....	....	....	....	....	....	....	....	....	....	....
20 to 29		....	....	....	....	....	....	2	....	1	....	1	2	2
30 to 39		....	....	....	....	....	....	....	....	....	....	....	3	2
40 to 49		....	....	1	....	1	....	2	....	....	1	....	1	4
50 to 59		....	....	....	2	....	....	....	1	....	....	1	1	2
60 to 69		....	....	1	....	....	....	....	3	....	....	2	1	1
70 to 79		....	....	....	....	....	....	1	....	1	....	....	....	....
80 and over		....	....	....	....	....	....	....	....	....	....	....	....	....
Totals		....	....	2	2	1	....	3	4	2	1	4	8	11
Violent deaths (suicide excepted)														
10 to 19		....	....	....	....	....	....	....	....	1	....	....	....	1
20 to 29		....	....	....	1	....	....	....	1	2	....	1	1	4
30 to 39		....	....	....	3	1	....	1	1	6	1	....	3	4
40 to 49		....	1	1	2	1	....	....	1	2	....	1	2	5
50 to 59		....	....	....	....	1	1	1	1	....	....	2	3	2
60 to 69		....	....	....	....	....	....	....	1	....	....	....	3	1
70 to 79		....	....	1	....	....	....	....	....	2	....	....	3	2
80 and over		....	....	....	....	1	....	....	....	1	....	....	....	1
Totals		....	1	2	6	4	1	2	5	14	1	4	15	20
All other diseases and causes of death														
10 to 19		....	....	....	....	....	....	....	....	....	....	....	....	2
20 to 29		1	....	....	1	....	....	1	....	1	....	....	5	4
30 to 39		....	....	1	....	....	....	....	4	....	1	....	3	4
40 to 49		1	....	....	....	3	....	2	....	1	1	....	2	6
50 to 59		....	....	1	....	1	....	....	1	1	1	3	3	1
60 to 69		1	....	....	....	2	1	1	1	1	....	2	4	5
70 to 79		....	....	....	....	4	....	1	....	....	....	4	3	2
80 and over		....	....	....	....	1	....	....	....	1	....	....	3	....
Totals		3	....	2	1	11	1	5	6	5	3	9	25	24
Summary														
10 to 19		....	....	....	....	....	....	....	....	1	....	....	....	5
20 to 29		1	....	....	4	1	1	7	4	7	....	3	20	33
30 to 39		1	1	6	8	4	2	3	11	13	4	2	24	37
40 to 49		3	4	6	8	11	1	11	10	12	3	6	24	54
50 to 59		3	9	4	12	24	8	3	18	9	7	18	31	55
60 to 69		8	9	3	19	19	4	4	33	16	4	34	45	61
70 to 79		3	5	3	5	29	3	5	17	14	1	22	40	36
80 and over		5	3	1	1	11	1	....	10	6	3	5	13	23
Totals		24	31	23	57	99	20	33	103	78	22	90	197	304

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AGE GROUPS, NEW JERSEY, 1933—Continued

DOMESTIC AND PERSONAL SERVICE	Barbers, hairdressers and manicurists	Bartenders	Hotel keepers and managers	Housekeepers and stewards	Janitors and sextons	Launderers and laundresses	Porters (except in stores)	Restaurant, cafe and lunch room keepers	Saloonkeepers	Servants	Waiters	Other pursuits	CLERICAL OCCUPATIONS	Agents, canvassers and collectors	Bookkeepers, cashiers and accountants	Clerks (except clerks in stores)	Other clerical pursuits	Totals
	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....		.....	.....	1	.....	2
	.....	.....	.....	10	.....	1	.....	.....	.....	3	2	1		.....	1	3	2	54
	.....	.....	.....	16	.....	1	.....	2	.....	1	2	.....		.....	1	9	.....	85
	2	.....	.....	35	1	.....	.....	1	.....	.....	.....	2		1	6	1	2	166
	.....	.....	1	23	5	4	2	4	.....	2	1	5		1	3	4	.....	169
	1	.....	.....	18	.....	.....	.....	1	.....	.....	1	1		.....	.....	2	.....	98
	.....	.....	.....	4	.....	.....	1	1	.....	.....	.....	1		.....	1	.....	.....	48
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		.....	.....	.....	.....	7
	3	.....	1	107	6	6	3	9	.....	6	6	10		2	12	20	4	629
	.....	.....	.....	4	.....	.....	.....	.....	.....	4	.....	1		.....	.....	6	1	67
	1	.....	.....	26	1	.....	4	2	.....	3	1	3		1	5	24	3	263
	1	1	.....	41	3	3	2	3	.....	9	2	5		.....	5	7	2	343
	1	.....	2	59	.....	.....	.....	3	.....	7	1	1		2	1	5	1	402
	2	1	.....	57	2	3	.....	2	.....	4	2	5		3	2	6	2	338
	3	.....	.....	74	5	.....	.....	1	.....	5	.....	3		.....	.....	2	.....	276
	.....	.....	1	80	3	1	1	.....	.....	1	.....	2		.....	1	4	.....	199
	.....	.....	.....	57	.....	.....	.....	.....	.....	.....	.....	1		.....	1	1	.....	96
	8	2	3	398	14	7	7	11	.....	33	6	21		6	15	55	9	1984
	.....	.....	.....	20	.....	.....	.....	.....	.....	1	.....	.....		.....	.....	2	2	42
	2	.....	.....	172	.....	1	.....	.....	.....	4	1	3		.....	3	19	5	303
	2	.....	.....	217	.....	3	1	1	.....	19	3	2		1	1	11	2	419
	2	.....	1	200	4	.....	1	3	.....	8	4	4		1	4	9	4	469
	5	2	1	250	2	1	2	2	.....	5	4	2		2	6	12	2	541
	2	.....	4	365	4	.....	1	1	1	9	.....	7		1	3	5	2	662
	.....	.....	1	200	5	.....	1	1	.....	2	.....	2		.....	2	4	.....	382
	.....	.....	2	65	1	.....	.....	.....	.....	.....	.....	.....		.....	.....	3	.....	125
	13	2	9	1489	16	5	6	8	1	48	12	20		5	19	65	17	2943
	2	.....	.....	47	.....	4	.....	.....	.....	9	3	6		.....	.....	18	7	223
	14	.....	1	519	3	8	5	5	.....	50	10	14		2	22	140	26	1592
	14	3	4	948	8	10	7	12	.....	69	18	25		4	19	95	24	2613
	30	1	10	1551	24	10	13	21	1	95	21	47		13	42	100	28	4426
	43	10	15	2232	44	21	27	27	5	88	35	69		14	60	153	16	6363
	37	2	27	2921	62	20	25	20	2	93	9	72		18	40	134	23	7445
	20	3	18	2462	38	5	14	8	1	62	3	38		6	34	79	6	5847
	6	2	9	1073	12	2	1	.....	.....	25	3	6		.....	15	24	.....	2244
	166	21	84	11753	191	80	92	93	9	491	102	277		57	232	743	130	30753

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TABLE 22.—TABULATION OF DEATHS IN ATLANTIC COUNTY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	1737	921	816	364	88	17	7	2	2	116	11	28	85	119	243	280	346	332	150	27	....
1	Typhoid and paratyphoid fever	4	1	3	1	....	....	....	....	....	....	....	1	2	1	....	....	....	....	....	....	....
2	Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	Smallpox	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	Measles	2	....	2	1	....	2	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....
5	Scarlet fever	1	....	1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....
6	Whooping cough	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
7	Diphtheria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
8	Influenza	19	11	8	4	....	1	....	....	....	1	....	1	1	1	5	2	3	2	2	1	....
9	Plague	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
10	Tuberculosis of the respiratory system	88	59	29	33	....	....	....	1	....	1	....	5	17	21	15	16	9	2	2	....	....
11	Other forms of tuberculosis	7	6	1	2	....	1	....	....	....	1	....	1	1	2	1	1	....	....	....	....	....
12	Syphilis	19	9	10	13	6	....	....	....	....	6	....	....	2	2	4	3	1	1	....	....	....
13	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
14	Other infectious and parasitic diseases	13	4	9	6	1	....	....	....	....	1	....	1	1	5	2	3	....	....	....	....	....
15	Cancer and other malignant tumors	180	80	100	23	....	....	....	....	....	....	....	....	1	6	26	38	51	46	11	1	....
16	Tumors, nonmalignant, or of which the nature is not specified	8	2	6	2	....	....	....	....	....	....	....	....	....	....	5	2	1	....	....	....	....
17	Chronic rheumatism and gout	3	1	2	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	1	....	....
18	Diabetes mellitus	43	17	26	7	....	....	....	....	....	....	....	....	1	....	7	7	14	10	4	....	....
19	Alcoholism (acute or chronic)	7	6	1	2	....	....	....	....	....	....	....	....	....	....	3	3	1	....	....	....	....
20	Other general diseases and chronic poisonings	30	7	23	8	4	1	2	....	....	7	1	....	5	6	5	2	2	2	....	....	....
21	Progressive locomotor ataxia and general paralysis of the insane	11	9	2	3	....	....	....	....	....	....	....	....	....	2	4	4	1	....	....	....	....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	147	79	68	22	....	....	....	....	....	....	....	....	....	2	17	21	39	50	15	3	....

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23	Other diseases of the nervous system and of the organs of special sense	23	13	10	4	1	....	1	....	....	2	....	1	2	3	1	6	7	1	....	....	....
24	Diseases of the heart	486	243	243	67	....	....	....	....	....	....	....	2	10	18	55	78	109	136	66	12	....
25	Other diseases of the circulatory system	33	17	16	7	1	....	....	....	....	1	....	....	1	....	4	3	6	9	8	1	....
26	Bronchitis	7	5	2	3	2	....	....	....	....	2	....	....	....	....	....	3	1	....	1	....	....
27	Pneumonias	106	58	48	42	6	3	1	1	2	13	1	3	9	14	17	15	12	12	10	....	....
28	Other diseases of the respiratory system (tuberculosis excepted)	12	6	6	3	2	....	1	....	....	3	....	....	1	1	1	....	2	1	1	2	....
29	Diarrhoea and enteritis	16	8	8	3	7	3	....	....	....	10	....	....	1	....	3	1	1	....	....	....	....
30	Appendicitis	22	18	4	1	....	....	1	....	....	1	....	1	3	3	8	1	5	....	....	....	....
31	Diseases of the liver and biliary passages	25	15	10	7	....	....	....	....	....	....	....	....	....	1	4	11	5	3	1	....	....
32	Other diseases of the digestive system	61	35	26	17	4	3	....	....	....	7	....	1	4	1	9	12	10	13	4	....	....
33	Nephritis	120	58	62	27	....	....	....	....	....	....	1	4	2	8	14	17	36	23	15	....	....
34	Other diseases of the genitourinary system	24	14	10	8	....	....	....	....	....	....	1	....	1	2	1	3	7	6	3	....	....
35	Puerperal septicemia	5	.....	5	3	....	....	....	....	....	....	....	1	1	3	....	....	....	....	....	....	....
36	Other diseases of pregnancy, childbirth and the puerperal state	3	.....	3	1	....	....	....	....	....	....	....	....	....	2	1	....	....	....	....	....	....
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	6	3	3	2	1	....	....	....	....	1	1	....	....	1	1	2	....	....	....	....	....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	51	27	24	11	51	....	....	....	....	51	....	....	....	....	....	....	....	....	....	....	....
39	Senility	9	3	6	5	....	....	....	....	....	....	....	....	....	....	....	1	....	2	1	5	....
40	Suicide	33	29	4	1	....	....	....	....	....	....	....	....	2	3	7	12	6	3	....	....	....
41	Homicide	8	8	.....	7	....	....	....	....	....	....	....	1	2	4	....	1	....	....	....	....	....
42	Violent and accidental deaths (suicide and homicide excepted)	103	68	35	16	2	2	1	....	....	5	6	5	15	7	23	12	14	9	5	2	....
43	Cause of death not specified or ill-defined	2	2	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....

Estimated population, 137,794.

Total resident deaths, 1,737.

Rate per 1,000 population, 12.6.

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TABULATION OF DEATHS IN ATLANTIC CITY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	983	510	473	310	48	6	3	1	1	59	6	13	56	86	165	172	185	155	70	16	....
1	Typhoid and paratyphoid fever	3	1	2	1	.....	....	....	....	....	....	....	1	2	....	.....	.....	.....	.....	....	....	....
2	Typhus fever	.....	.....	.....	.....	.....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....
3	Smallpox	.....	.....	.....	.....	.....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....
4	Measles	1	.....	1	1	.....	1	....	....	....	1	....	....	....	....	.....	.....	.....	.....	....	....	....
5	Scarlet fever	.....	.....	.....	.....	.....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....
6	Whooping cough	.....	.....	.....	.....	.....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....
7	Diphtheria	.....	.....	.....	.....	.....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....
8	Influenza	12	6	6	3	.....	1	....	....	....	1	....	....	....	1	5	1	1	1	1	1	....
9	Plague	.....	.....	.....	.....	.....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....
10	Tuberculosis of the respiratory system	61	41	20	26	.....	....	....	....	....	....	....	3	12	15	12	9	7	2	1	....	....
11	Other forms of tuberculosis	4	4	.....	2	.....	....	....	....	....	....	....	1	1	1	.....	1	.....	.....	....	....	....
12	Syphilis	18	9	9	12	6	....	....	....	....	6	....	....	2	2	3	3	1	1	....	....	....
13	Malaria	.....	.....	.....	.....	.....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....
14	Other infectious and parasitic diseases	9	3	6	6	1	....	....	....	....	1	....	....	1	4	1	2	.....	.....	....	....	....
15	Cancer and other malignant tumors	88	38	50	19	.....	....	....	....	....	....	....	....	1	4	16	16	25	19	7	....	....
16	Tumors, nonmalignant, or of which the nature is not specified	4	2	2	2	.....	....	....	....	....	....	....	....	....	....	2	2	.....	.....	....	....	....
17	Chronic rheumatism and gout	1	.....	1	.....	.....	....	....	....	....	....	....	....	....	....	.....	.....	1	.....	....	....	....
18	Diabetes mellitus	29	12	17	6	.....	....	....	....	....	....	....	....	1	....	6	4	9	7	2	....	....
19	Alcoholism (acute or chronic)	6	5	1	2	.....	....	....	....	....	....	....	....	....	....	3	3	.....	.....	....	....	....
20	Other general diseases and chronic poisonings	21	3	18	7	1	1	2	....	....	4	1	....	4	3	5	2	2	.....	....	....	....
21	Progressive locomotor ataxia and general paralysis of the insane	7	7	.....	3	.....	....	....	....	....	....	....	....	....	2	2	3	.....	.....	....	....	....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	88	46	42	20	.....	....	....	....	....	....	....	....	....	2	10	14	20	29	10	3	....

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23	Other diseases of the nervous system and of the organs of special sense	12	6	6	3	1					1				3	1	6	1					
24	Diseases of the heart	241	114	127	52								1	7	10	34	40	56	56	31	6		
25	Other diseases of the circulatory system	23	11	12	4									1		4	2	5	5	5	1		
26	Bronchitis	4	3	1	3												3	1					
27	Pneumonias	69	35	34	39	3	1	1	1	1	7	1		5	14	13	12	9	7	1			
28	Other diseases of the respiratory system (tuberculosis excepted)	8	4	4	3	2					2			1	1	1			1		2		
29	Diarrhoea and enteritis	7	2	5	5	1	1				2			1		2	1	1					
30	Appendicitis	8	7	1	1								1	2	1	2		2					
31	Diseases of the liver and biliary passages	18	14	4	4										1	3	9	4	1				
32	Other diseases of the digestive system	39	22	17	15	3	1				4		1	3	1	7	8	6	7	2			
33	Nephritis	66	28	38	22								3	2	6	11	12	17	10	5			
34	Other diseases of the genitourinary system	15	8	7	7									1	2	1	2	4	3	2			
35	Puerperal septicemia	4		4	3									1	3								
36	Other diseases of pregnancy, childbirth and the puerperal state	2		2	1										1	1							
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	5	2	3	2	1					1	1			1	1	1						
38	Congenital debility and malformations, premature birth and other diseases of early infancy	28	17	11	10	28					28												
39	Senility	7	3	4	5												1		2	1	3		
40	Suicide	22	18	4	1										1	2	6	8	4	1			
41	Homicide	7	7		6								1	2	4								
42	Violent and accidental deaths (suicide and homicide excepted)	45	31	14	14	1					1	3	1	5	2	13	7	8	3	2			
43	Cause of death not specified or ill-defined	1	1															1					

Estimated population, 71,109. **Total resident** deaths, 983. Rate per 1,000 population, 13.8.

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TABULATION OF DEATHS IN BERGEN COUNTY FOR 1933, ACCORDIING 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	3483	1796	1687	126	196	30	12	9	9	256	48	92	158	240	372	542	762	680	293	39	1
1	Typhoid and paratyphoid fever	1	1												1							
2	Typhus fever																					
3	Smallpox																					
4	Measles	4	3	1				1			1	2		1								
5	Scarlet fever	8	5	3				1			1	3	1	1	2							
6	Whooping cough																					
7	Diphtheria	4	4				3				3		1									
8	Influenza	38	20	18	1	6	2				8	2	2	4	4	3	5	7	2	1		
9	Plague																					
10	Tuberculosis of the respiratory system	187	96	91	13								12	44	46	34	30	15	5	1		
11	Other forms of tuberculosis	12	6	6	1	1		2			3	2	1		2	2		1		1		
12	Syphilis	17	11	6	5									2	1	5	2	4	3			
13	Malaria																					
14	Other infectious and parasitic diseases	29	16	13	4	5	2			1	8		4	4	3	3	1	3	1			
15	Cancer and other malignant tumors	414	183	231	5	1					1	1		2	18	44	90	136	93	28	1	
16	Tumors, nonmalignant, or of which the nature is not specified	14	7	7	2									1	4	3	5	1				
17	Chronic rheumatism and gout	2	1	1														2				
18	Diabetes mellitus	106	34	72	2							1	4	2	2	9	11	40	36	1		
19	Alcoholism (acute or chronic)	2	2												2							
20	Other general diseases and chronic poisonings	58	28	30	1	5	2				7	2	5	5	6	6	7	11	7	2		
21	Progressive locomotor ataxia and general paralysis of the insane	11	8	3	2									1	2	1	1	5	1			
22	Cerebral hemorrhage, cerebral embolism and thrombosis	283	123	160	10	2					2			1	7	20	41	82	85	41	4	

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23	Other diseases of the nervous system and of the organs of special sense	49	22	27	.....	5	4	1	1	....	11	3	5	3	4	4	6	5	5	3	....	....
24	Diseases of the heart	884	445	439	33	.....	....	....	....	....	....	2	9	18	38	72	155	216	232	126	16	....
25	Other diseases of the circulatory system	65	33	32	1	.....	....	....	....	....	....	1	....	....	3	3	11	12	21	11	3	....
26	Bronchitis	13	7	6	.....	1	....	....	1	....	2	....	....	1	....	1	2	1	2	4	....	....
27	Pneumonias	239	125	114	11	25	9	2	4	1	41	6	7	6	14	28	32	42	38	20	5	....
28	Other diseases of the respiratory system (tuberculosis excepted)	20	15	5	.....	1	....	....	....	....	1	1	2	1	....	4	5	4	2	....	....	....
29	Diarrhoea and enteritis	18	12	6	.....	9	3	....	....	1	13	....	....	1	....	1	.....	3	....	....	....	....
30	Appendicitis	57	31	26	.....	.....	1	....	....	2	3	4	4	7	5	13	13	6	1	1	....	....
31	Diseases of the liver and biliary passages	55	27	28	4	1	....	....	....	....	1	....	....	....	6	9	11	17	10	1	....	....
32	Other diseases of the digestive system	101	66	35	4	4	1	....	1	....	6	....	3	5	10	22	20	20	10	5	....	....
33	Nephritis	292	146	146	8	1	....	....	....	....	1	....	1	7	8	19	41	82	91	38	4	....
34	Other diseases of the genitourinary system	43	26	17	4	3	....	....	....	....	3	1	....	1	4	4	8	11	10	1	....	....
35	Puerperal septicemia	9	.....	9	....	.....	....	....	....	....	....	....	1	5	2	1	.....	.....	....	....	....	....
36	Other diseases of pregnancy, childbirth and the puerperal state	17	.....	17	1	.....	....	....	....	....	....	....	....	7	7	3	.....	.....	....	....	....	....
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	13	10	3	1	1	....	....	1	1	3	1	3	2	2	.....	.....	1	1	....	....	....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	120	70	50	6	117	2	....	....	....	119	1	....	....	....	.....	.....	.....	....	....	....	....
39	Senility	6	4	2	.....	.....	....	....	....	....	....	....	....	....	....	.....	.....	1	1	2	2	....
40	Suicide	65	49	16	2	.....	....	....	....	....	....	....	2	6	10	15	16	12	3	1	....	....
41	Homicide	11	7	4	1	2	....	....	....	....	2	....	1	1	2	.....	2	2	1	....	....	....
42	Violent and accidental deaths (suicide and homicide excepted)	214	152	62	4	6	1	5	1	3	16	15	24	19	25	43	27	17	19	5	4	....
43	Cause of death not specified or ill-defined	2	1	1	.....	.....	....	....	....	....	....	....	....	....	....	.....	.....	1	....	....	....	1

Estimated population, 413,893. Total resident deaths, 3,483. Rate per 1,000 population, 8.4.

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TABULATION OF DEATHS IN ENGLEWOOD CITY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	176	88	88	28	11	1	1	....	....	13	....	3	10	6	20	43	32	33	16	....	....
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	7	4	3	2	....	....	....	....	....	....	....	....	2	....	3	2	....	....	....	....	....
11	Other forms of tuberculosis	2	1	1	....	....	....	1	....	....	1	....	....	....	....	1	....	....	....	....	....	....
12	Syphilis	1	1	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....
13	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
14	Other infectious and parasitic diseases	2	2	....	1	1	....	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....
15	Cancer and other malignant tumors	12	3	9	....	....	....	....	....	....	....	....	....	....	....	1	6	4	1	....	....	....
16	Tumors, nonmalignant, or of which the nature is not specified	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
17	Chronic rheumatism and gout	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
18	Diabetes mellitus	7	2	5	1	....	....	....	....	....	....	....	1	....	....	....	1	1	4	....	....	....
19	Alcoholism (acute or chronic)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
20	Other general diseases and chronic poisonings	4	1	3	1	....	....	....	....	....	....	....	....	1	....	....	1	1	1	....	....	....
21	Progressive locomotor ataxia and general paralysis of the insane	2	2	....	1	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	....	....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	17	7	10	1	....	....	....	....	....	....	....	....	....	....	2	....	5	6	4	....	....

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23	Other diseases of the nervous system and of the organs of special sense	2		2		1					1				1							
24	Diseases of the heart	54	22	32	6										1	3	19	10	12	9		
25	Other diseases of the circulatory system	3	1	2													1			2		
26	Bronchitis																					
27	Pneumonias	14	9	5	3		1				1				1	3	2	4	3			
28	Other diseases of the respiratory system (tuberculosis excepted)	2	2														1	1				
29	Diarrhoea and enteritis																					
30	Appendicitis	4	4										1			2	1					
31	Diseases of the liver and biliary passages	3	1	2	2													1	1	1		
32	Other diseases of the digestive system	4	3	1	2											2	2					
33	Nephritis	12	9	3	4									2			2	4	4			
34	Other diseases of the genitourinary system	1		1													1					
35	Puerperal septicemia																					
36	Other diseases of pregnancy, childbirth and the puerperal state	1		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	9	4	5	2	9					9											
39	Senility																					
40	Suicide	1	1														1					
41	Homicide																					
42	Violent and accidental deaths (suicide and homicide excepted)	11	9	2									1	3	1	2	3		1			
43	Cause of death not specified or ill-defined																					

Estimated population, 19,765. Total resident deaths, 176. Rate per 1,000 population, 8.9.

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TABULATION OF DEATHS IN GARFIELD CITY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH *	Total	Male	Female	Color, if other than white	AGE PERIODS: Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	211	119	92	3	12	3	....	....	2	17	9	7	17	16	32	45	46	18	4	....	....
1	Typhoid and paratyphoid fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2	Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	Smallpox	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	Measles	1	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....
5	Scarlet fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
6	Whooping cough	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
7	Diphtheria	1	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....
8	Influenza	4	3	1	....	....	1	....	....	....	1	1	....	....	....	1	1	....	....	....	....	....
9	Plague	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
10	Tuberculosis of the respiratory system	20	13	7	2	....	....	....	....	....	....	....	....	5	5	3	4	1	1	1	....	....
11	Other forms of tuberculosis	1	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....
12	Syphilis	1	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....
13	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
14	Other infectious and parasitic diseases	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
15	Cancer and other malignant tumors	19	10	9	....	....	....	....	....	....	....	1	....	....	....	6	6	4	2	....	....	....
16	Tumors, nonmalignant, or of which the nature is not specified	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
17	Chronic rheumatism and gout	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....
18	Diabetes mellitus	8	3	5	....	....	....	....	....	....	....	....	....	1	1	....	1	5	....	....	....	....
19	Alcoholism (acute or chronic)	1	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....
20	Other general diseases and chronic poisonings	4	2	2	....	....	....	....	....	....	....	1	....	1	....	1	....	1	....	....	....	....
21	Progressive locomotor ataxia and general paralysis of the insane	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	13	4	9	....	....	....	....	....	....	....	....	....	....	....	1	7	4	....	1	....	....

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

Estimated population, 33,025. **Total resident** deaths, 211. Rate per 1,000 population, 6.3.

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TABULATION OF DEATHS IN HACKENSACK CITY FOR 1933 ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	268	137	131	44	13	4	1	1	....	19	4	8	6	23	27	47	53	57	20	4	....
1	Typhoid and paratyphoid fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	Typhus fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Smallpox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Measles	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	Scarlet fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	Whooping cough	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	Diphtheria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	Influenza	6	2	4	1	2	....	....	....	....	2	....	....	....	....	....	2	2	....	....	....	....
9	Plague	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	14	6	8	3	....	....	....	....	....	....	....	2	....	9	1	2	....	....	....	....	....
11	Other forms of tuberculosis	1	1	.....	.....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....
12	Syphilis	2	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....
13	Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	6	1	5	2	1	....	....	....	....	1	....	1	1	1	....	....	2	....	....	....	....
15	Cancer and other malignant tumors	44	22	22	3	....	....	....	....	....	....	....	....	....	1	5	8	14	12	4	....	....
16	Tumors, nonmalignant, or of which the nature is not specified	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....
17	Chronic rheumatism and gout	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Diabetes mellitus	4	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....
19	Alcoholism (acute or chronic)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Other general diseases and chronic poisonings	3	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	1	.....	.....
21	Progressive locomotor ataxia and general paralysis of the insane	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	22	12	10	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	3	4	7	6	.....	.....

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23	Other diseases of the nervous system and of the organs of special sense	1	1									1											
24	Diseases of the heart	65	32	33	16										4	6	16	17	15	5	2		
25	Other diseases of the circulatory system	6	1	5											1		2		2	1			
26	Bronchitis	1	1													1							
27	Pneumonias	18	8	10	5	1	2				3	1	1	1		3	3		5		1		
28	Other diseases of the respiratory system (tuberculosis excepted)	1		1												1							
29	Diarrhœa and enteritis	2	2				2				2												
30	Appendicitis	3	3	2								1		1		1	1	1					
31	Diseases of the liver and biliary passages	6	4	2											1	2	1	1	1				
32	Other diseases of the digestive system	9	9		2									1	2	1	3	2					
33	Nephritis	17	9	8	1								1		1		4	4	4	3			
34	Other diseases of the genitourinary system	6	4	2	1	1					1				1			1	3				
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				1		1												
38	Congenital debility and malformations, premature birth and other diseases of early infancy	7	4	3	2	7					7								1				
39	Senility	1	1													1							
40	Suicide	1		1										1									
41	Homicide	1	1		1																		
42	Violent and accidental deaths (suicide and homicide excepted)	16	10	6	1			1			1	1	3	1		3	1	2	3		1		
43	Cause of death not specified or ill-defined																						

Estimated population, 26,755. **Total resident** deaths, 268. Rate per 1,000 population, 10.0.

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TABULATION OF DEATHS IN RUTHERFORD BOROUGH FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS															
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	186	82	104	8	6	1	....	1	....	8	1	2	3	8	12	23	51	52	20	6	....
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	1	.....	.....	.....
9	Plague	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	4	2	2	1	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1	1	.....	.....	.....	.....	.....
11	Other forms of tuberculosis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	Syphilis	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....
13	Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	Cancer and other malignant tumors	23	6	17	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	4	7	9	1	.....	.....
16	Tumors, nonmalignant, or of which the nature is not specified	1	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
17	Chronic rheumatism and gout	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Diabetes mellitus	6	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	2	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	3	3	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	2	.....	.....	.....	.....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	19	8	11	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	7	6	2	.....	.....

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23	Other diseases of the nervous system and of the organs of special sense	2		2					1		1	1											
24	Diseases of the heart	38	20	18	1									1		1	4	13	11	8			
25	Other diseases of the circulatory system	6	2	4												1		1	3		1		
26	Bronchitis	2	2														1			1			
27	Pneumonias	13	7	6												2	2	3	3	2	1		
28	Other diseases of the respiratory system (tuberculosis excepted)	1	1															1					
29	Diarrhoea and enteritis																						
30	Appendicitis	3		3		1					1						2						
31	Diseases of the liver and biliary passages	3		3													1	2					
32	Other diseases of the digestive system	7	3	4											1	1		3		2			
33	Nephritis	24	8	16	1											1	1	7	77	2	2		
34	Other diseases of the genitourinary system	5	4	1											1			1	3				
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	6	3	3	1	6					6												
39	Senility	1	1																		1		
40	Suicide																						
41	Homicide	1	1												1								
42	Violent and accidental deaths (suicide and homicide excepted)	10	8	2									1	1	1	4	1		1		1		
43	Cause of death not specified or ill-defined																						

Estimated population, 16,631. Total resident deaths, 186. Rate per 1,000 population, 11.1.

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TABULATION OF DEATHS IN BURLINGTON COUNTY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Male	Total	Female	Color, if other than white	AGE PERIODS															
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 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	1140	592	548	90	75	7	3	4	2	91	14	30	45	48	93	152	224	257	163	23	....
1	Typhoid and paratyphoid fever	4	3	1	2	.....	....	....	....	....	....	....	3	....	1	.....	.....	.....	.....	.....	....	....
2	Typhus fever	.....	.....	.....	.....	.....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....	....	....
3	Smallpox	.....	.....	.....	.....	.....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....	....	....
4	Measles	.....	.....	.....	.....	.....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....	....	....
5	Scarlet fever	.....	.....	.....	.....	.....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....	....	....
6	Whooping cough	2	1	1	1	1	1	....	....	....	2	....	....	....	....	.....	.....	.....	.....	.....	....	....
7	Diphtheria	.....	.....	.....	.....	.....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....	....	....
8	Influenza	12	4	8	.....	1	....	....	....	....	1	....	....	2	2	1	.....	3	3	.....	....	....
9	Plague	.....	.....	.....	.....	.....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....	....	....
10	Tuberculosis of the respiratory system	45	26	19	6	.....	....	....	....	....	....	....	2	8	10	7	7	4	5	2	....	....
11	Other forms of tuberculosis	4	1	3	.....	2	....	....	....	....	2	....	....	1	....	1	.....	.....	.....	.....	....	....
12	Syphilis	8	4	4	1	3	1	....	....	....	4	....	....	1	....	1	1	1	.....	.....	....	....
13	Malaria	.....	.....	.....	.....	.....	....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....	....	....
14	Other infectious and parasitic diseases	8	3	5	1	.....	....	....	1	....	1	....	....	1	....	2	2	1	.....	.....	1	....
15	Cancer and other malignant tumors	112	57	55	3	.....	....	....	....	....	....	....	1	1	2	9	23	36	30	9	1	....
16	Tumors, nonmalignant, or of which the nature is not specified	5	.....	5	1	.....	....	....	....	....	....	....	1	....	....	.....	2	1	1	.....	....	....
17	Chronic rheumatism and gout	1	.....	1	.....	.....	....	....	....	....	....	....	....	....	....	.....	.....	.....	1	.....	....	....
18	Diabetes mellitus	23	6	17	2	.....	....	....	....	....	....	1	1	....	....	3	3	7	6	2	....	....
19	Alcoholism (acute or chronic)	7	7	.....	2	.....	....	....	....	....	....	....	....	....	1	3	2	1	.....	.....	....	....
20	Other general diseases and chronic poisonings	16	5	11	.....	2	....	....	1	1	4	2	4	1	1	2	1	1	.....	.....	....	....
21	Progressive locomotor ataxia and general paralysis of the insane	3	2	1	1	.....	....	....	....	....	....	....	....	....	....	2	1	.....	.....	.....	....	....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	97	31	66	7	1	....	....	....	....	1	....	....	....	....	7	7	29	30	21	2	....

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23	Other diseases of the nervous system and of the organs of special sense	19	11	8	3	2	....	....	....	....	2	1	....	3	4	1	2	2	3	1	....	....
24	Diseases of the heart	316	163	153	20	2	....	1	....	....	3	2	1	4	10	15	38	75	100	58	10	....
25	Other diseases of the circulatory system	26	16	10	2	....	....	....	....	....	....	....	1	....	....	....	2	6	9	7	1	....
26	Bronchitis	2	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....
27	Pneumonias	56	30	26	7	8	1	....	....	....	9	2	4	....	....	4	12	8	6	10	1	....
28	Other diseases of the respiratory system (tuberculosis excepted)	8	4	4	2	2	....	....	....	....	2	....	1	1	....	....	....	2	1	1	....	....
29	Diarrhoea and enteritis	6	3	3	....	3	1	....	....	....	4	1	....	....	....	1	....	....	....	....	....	....
30	Appendicitis	8	4	4	....	....	....	....	....	....	....	1	....	1	....	2	2	....	1	1	....	....
31	Diseases of the liver and biliary passages	10	6	4	1	....	....	....	....	....	....	....	....	....	....	....	4	4	2	....	....	....
32	Other diseases of the digestive system	35	24	11	4	1	....	....	1	....	2	1	1	3	3	2	5	6	9	3	....	....
33	Nephritis	145	83	62	8	2	....	....	....	....	2	1	....	3	2	9	25	24	40	37	2	....
34	Other diseases of the genitourinary system	11	9	2	1	....	....	....	....	....	....	....	....	....	1	4	1	3	1	1	....	....
35	Puerperal septicemia	2	....	2	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....
36	Other diseases of pregnancy, childbirth and the puerperal state	5	....	5	2	....	....	....	....	....	....	....	1	1	3	....	....	....	....	....	....	....
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	4	3	1	....	....	....	....	....	....	....	....	2	....	....	1	1	....	....	....	....	....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	45	28	17	5	44	....	1	....	....	45	....	....	....	....	....	....	....	....	....	....	....
39	Senility	6	2	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	3	2	....
40	Suicide	15	11	4	1	....	....	....	....	....	....	....	....	3	1	4	2	2	3	....	....	....
41	Homicide	4	1	3	....	....	....	....	....	....	....	....	....	1	1	1	....	....	....	1	....	....
42	Violent and accidental deaths (suicide and homicide excepted)	70	44	26	7	1	3	1	1	1	7	2	7	9	5	11	9	8	5	5	2	....
43	Cause of death not specified or ill-defined	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

Estimated population, 97,272. Total resident deaths, 1,140. Rate per 1,000 population, 11.7.

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TABULATION OF DEATHS IN BURLINGTON CITY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	146	86	60	16	9	2	....	....	....	11	....	8	9	3	7	31	27	33	15	2	....
1	Typhoid and paratyphoid fever	.....	.....	.....	.....	.....	.....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....
2	Typhus fever	.....	.....	.....	.....	.....	.....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....
3	Smallpox	.....	.....	.....	.....	.....	.....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....
4	Measles	.....	.....	.....	.....	.....	.....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....
5	Scarlet fever	.....	.....	.....	.....	.....	.....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....
6	Whooping cough	1	1	.....	.....	.....	1	....	....	....	1	....	....	....	....	.....	.....	.....	.....	....	....	....
7	Diphtheria	.....	.....	.....	.....	.....	.....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....
8	Influenza	1	.....	1	.....	.....	.....	....	....	....	....	....	....	....	....	.....	.....	.....	1	....	....	....
9	Plague	.....	.....	.....	.....	.....	.....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....
10	Tuberculosis of the respiratory system	5	2	3	1	.....	.....	....	....	....	....	....	1	1	1	.....	2	.....	.....	....	....	....
11	Other forms of tuberculosis	.....	.....	.....	.....	.....	.....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....
12	Syphilis	1	1	.....	1	.....	.....	....	....	....	....	....	....	....	....	1	.....	.....	.....	....	....	....
13	Malaria	.....	.....	.....	.....	.....	.....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....
14	Other infectious and parasitic diseases	.....	.....	.....	.....	.....	.....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....
15	Cancer and other malignant tumors	14	7	7	.....	.....	.....	....	....	....	....	....	....	....	....	.....	5	4	4	1	.....	....
16	Tumors, nonmalignant, or of which the nature is not specified	1	.....	1	.....	.....	.....	....	....	....	....	....	1	....	....	.....	.....	.....	.....	....	....	....
17	Chronic rheumatism and gout	.....	.....	.....	.....	.....	.....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....
18	Diabetes mellitus	6	2	4	.....	.....	.....	....	....	....	....	....	....	....	....	.....	2	3	1	....	....	....
19	Alcoholism (acute or chronic)	.....	.....	.....	.....	.....	.....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....
20	Other general diseases and chronic poisonings	.....	.....	.....	.....	.....	.....	....	....	....	....	....	....	....	....	.....	.....	.....	.....	....	....	....
21	Progressive locomotor ataxia and general paralysis of the insane	1	.....	1	.....	.....	.....	....	....	....	....	....	....	....	....	1	.....	.....	.....	....	....	....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	13	6	7	.....	.....	.....	....	....	....	....	....	....	....	....	1	3	4	3	2	....	....

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23	Other diseases of the nervous system and of the organs of special sense	1	1											1									
24	Diseases of the heart	39	23	16	4	1					1							9	12	12	5		
25	Other diseases of the circulatory system	6	4	2	1								1						1	2	2		
26	Bronchitis																						
27	Pneumonias	11	8	3	3	2	1				3		2					3		1	1	1	
28	Other diseases of the respiratory system (tuberculosis excepted)	1	1										1										
29	Diarrhœa and enteritis	1		1		1					1												
30	Appendicitis	1	1																	1			
31	Diseases of the liver and biliary passages	2	2															1	1				
32	Other diseases of the digestive system	3	3											1	1			1					
33	Nephritis	16	10	6	1	2					2			2		1		3	1	4	3		
34	Other diseases of the genitourinary system	1	1																		1		
35	Puerperal septicemia																						
36	Other diseases of pregnancy, childbirth and the puerperal state	1		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	3	2	1		3					3												
39	Senility	1		1																		1	
40	Suicide	2	2													1				1			
41	Homicide																						
42	Violent and accidental deaths (suicide and homicide excepted)	14	9	5	4								1	4	1	2	2	1	3				
43	Cause of death not specified or ill-defined																						

Estimated population, 11,413. Total resident deaths, 146. Rate per 1,000 population, 12.7.

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TABULATION OF DEATHS IN CAMDEN COUNTY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	2753	1458	1295	290	199	25	18	9	5	256	35	85	112	161	270	436	554	557	246	41	....
1	Typhoid and paratyphoid fever	4	4	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	2	1	1	.....	.....	.....	.....	.....	....
2	Typhus fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
3	Smallpox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
4	Measles	1	.....	1	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
5	Scarlet fever	6	1	5	1	.....	.....	1	1	.....	2	1	.....	1	2	.....	.....	.....	.....	.....	.....	....
6	Whooping cough	2	1	1	.....	1	.....	.....	.....	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
7	Diphtheria	5	1	4	.....	1	.....	1	.....	1	3	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
8	Influenza	44	25	19	7	3	1	1	1	.....	6	1	2	1	5	3	5	9	5	6	1	....
9	Plague	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
10	Tuberculosis of the respiratory system	140	70	70	31	.....	.....	.....	.....	.....	.....	1	12	39	22	29	22	10	4	1	.....	....
11	Other forms of tuberculosis	18	6	12	7	2	1	.....	.....	.....	3	4	1	2	1	3	1	2	1	.....	.....	....
12	Syphilis	22	13	9	8	.....	.....	.....	.....	.....	.....	.....	.....	2	2	4	6	6	1	1	.....	....
13	Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
14	Other infectious and parasitic diseases	22	10	12	2	5	1	1	2	.....	9	2	2	.....	3	3	.....	2	1	.....	.....	....
15	Cancer and other malignant tumors	293	122	171	7	.....	.....	.....	1	.....	1	.....	1	.....	9	39	71	74	77	19	2	....
16	Tumors, nonmalignant, or of which the nature is not specified	2	1	1	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	....
17	Chronic rheumatism and gout	4	1	3	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	1	1	.....	.....	....
18	Diabetes mellitus	69	20	49	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	5	9	32	15	7	.....	....
19	Alcoholism (acute or chronic)	8	8	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	3	1	.....	.....	.....	....
20	Other general diseases and chronic poisonings	38	18	20	6	5	.....	.....	1	.....	6	.....	8	1	1	9	5	4	3	1	.....	....
21	Progressive locomotor ataxia and general paralysis of the insane	16	13	3	6	.....	.....	.....	.....	.....	.....	.....	.....	2	1	4	4	2	2	1	.....	....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	195	105	90	20	.....	.....	.....	.....	.....	.....	.....	.....	1	2	10	31	53	65	29	4	....

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23	Other diseases of the nervous system and of the organs of special sense	30	15	15		1	1	1			3	4	5	4	2	2	4	4	2			
24	Diseases of the heart	695	384	311	64		1			1	2	1	5	11	25	59	121	178	177	99	17	
25	Other diseases of the circulatory system	45	29	16	4								1		1	1	7	11	14	6	4	
26	Bronchitis	4	2	2													2	1			1	
27	Pneumonias	192	106	86	36	43	10	5	2	1	61	4	4	8	21	13	21	22	24	12	2	
28	Other diseases of the respiratory system (tuberculosis excepted)	16	8	8	1	1		1			2	1	1	1		4	3	2	1	1		
29	Diarrhoea and enteritis	30	15	15	9	17	7	2			26	1						1	2			
30	Appendicitis	21	12	9				1	1		2	2	5	1	1	2	1	5	2			
31	Diseases of the liver and biliary passages	37	19	18	5								1	1	5	5	9	10	4	2		
32	Other diseases of the digestive system	57	33	24	4							2	5	1	6	7	16	11	9			
33	Nephritis	342	172	170	28	1		1			2		7	5	12	25	45	78	110	49	9	
34	Other diseases of the genitourinary system	27	16	11	2	1					1		1	4	5	1	1	5	8	1		
35	Puerperal septicemia	10		10									2	6	2							
36	Other diseases of pregnancy, childbirth and the puerperal state	9		9	2								3	2	2	2						
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	15	11	4		2					2		5	1		2	4			1		
38	Congenital debility and malformations, premature birth and other diseases of early infancy	116	61	55	17	115	1				116											
39	Senility	1		1																1		
40	Suicide	38	27	11	1									4	4	10	12	5	3			
41	Homicide	22	13	9	4	1					1		1	6	5	5	3		1			
42	Violent and accidental deaths (suicide and homicide excepted)	155	114	41	11		2	2			4	9	12	6	18	20	27	24	25	9	1	
43	Cause of death not specified or ill-defined	2	2														1	1				

Estimated population, 271,909. Total resident deaths, 2,753. Rate per 1,000 population, 10.1.

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TABULATION OF DEATHS IN CAMDEN CITY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	1342	735	607	205	111	14	11	3	2	141	20	46	58	98	144	225	255	247	93	15	....
1	Typhoid and paratyphoid fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	Typhus fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Smallpox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Measles	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	Scarlet fever	5	1	4	1	.....	.....	1	1	.....	2	1	.....	1	1	.....	.....	.....	.....	.....	.....	.....
6	Whooping cough	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	Diphtheria	2	.....	2	.....	.....	.....	.....	.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	Influenza	21	10	11	3	2	1	1	.....	.....	4	1	.....	1	2	.....	2	5	3	3	.....	.....
9	Plague	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	83	42	41	24	.....	.....	.....	.....	.....	.....	1	8	23	16	14	14	4	2	1	.....	.....
11	Other forms of tuberculosis	11	3	8	4	1	1	.....	.....	.....	2	2	.....	.....	1	3	.....	2	1	.....	.....	.....
12	Syphilis	15	7	8	7	.....	.....	.....	.....	.....	.....	.....	.....	1	2	3	6	2	.....	1	.....	.....
13	Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infections and parasitic diseases	13	7	6	2	1	1	.....	2	.....	4	1	2	.....	3	1	.....	2	.....	.....	.....	.....
15	Cancer and other malignant tumors	138	62	76	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	19	28	34	42	10	1	.....
16	Tumors, nonmalignant, or of which the nature is not specified	1	1	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Chronic rheumatism and gout	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Diabetes mellitus	25	6	19	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	5	13	4	1	.....	.....
19	Alcoholism (acute or chronic)	4	4	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	1	.....	.....	.....	.....	.....
20	Other general diseases and chronic poisonings	16	10	6	2	2	.....	.....	.....	.....	2	.....	5	1	.....	4	1	1	1	1	.....	.....
21	Progressive locomotor ataxia and general paralysis of the insane	10	10	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1	2	2	2	1	.....	.....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	77	36	41	16	.....	.....	.....	.....	.....	.....	.....	.....	1	2	6	14	24	19	8	3	.....

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23	Other diseases of the nervous system and of the organs of special sense	17	11	6		1	1				2	3	1	3	2	2	1	2	1			
24	Diseases of the heart	319	182	137	42							1	4	4	14	33	59	84	79	34	7	
25	Other diseases of the circulatory system	13	9	4	2										1	1	2	5	4			
26	Bronchitis	3	2	1													2				1	
27	Pneumonias	116	66	50	28	30	7	4			41	3	1	4	13	12	14	9	12	6	1	
28	Other diseases of the respiratory system (tuberculosis excepted)	11	4	7	1	1		1			2		1	1		1	3	1	1	1		
29	Diarrhoea and enteritis	15	8	7	7	12	2				14								1			
30	Appendicitis	10	6	4				1			1	1	3		1			3	1			
31	Diseases of the liver and biliary passages	24	12	12	4								1		3	5	7	6	2			
32	Other diseases of the digestive system	25	13	12	3								3	1	2	1	8	4	6			
33	Nephritis	160	91	69	18	1		1			2		7	2	7	13	24	36	46	21	2	
34	Other diseases of the genitourinary system	14	10	4	2								1	1	2	1	1	1	7			
35	Puerperal septicemia	5		5									1	3	1							
36	Other diseases of pregnancy, childbirth and the puerperal state	5		5	1								2	1	1	1						
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	6	5	1												2	3			1		
38	Congenital debility and malformations, premature birth and other diseases of early infancy	59	31	28	9	59					59											
39	Senility	1		1																1		
40	Suicide	21	14	7	1									2	1	5	9	3	1			
41	Homicide	13	8	5	3	1					1		1	3	3	3	1		1			
42	Violent and accidental deaths (suicide and homicide excepted)	83	63	20	9		1	2			3	5	5	4	13	10	17	12	11	3		
43	Cause of death not specified or ill-defined	1	1														1					

Estimated population, 119,457. Total resident deaths, 1,342. Rate per 1,000 population, 11.2.

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TABULATION OF DEATHE IN GLOUCESTER CITY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	157	94	63	1	15	1	1	....	1	18	3	3	5	6	19	22	38	32	9	2	....
1	Typhoid and paratyphoid fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	Typhus fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Smallpox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Measles	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	Scarlet fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	Whooping cough	2	1	1	.....	1	.....	.....	.....	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	Diphtheria	2	.....	2	.....	1	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	Influenza	6	3	3	.....	1	.....	.....	.....	.....	1	.....	1	.....	.....	1	.....	2	1	.....	.....	.....
9	Plague	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	3	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	.....	.....
11	Other forms of tuberculosis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	Syphilis	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....
13	Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	1	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	Cancer and other malignant tumors	17	7	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	3	3	5	1	.....	.....
16	Tumors, nonmalignant, or of which the nature is not specified	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Chronic rheumatism and gout	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Diabetes mellitus	4	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	2	.....	.....	.....	.....
19	Alcoholism (acute or chronic)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Other general diseases and chronic poisonings	3	2	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	13	10	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	4	6	2	.....	.....

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23	Other diseases of the nervous system and of the organs of special sense	1		1															1				
24	Diseases of the heart	34	25	9											1	5	7	11	8	2			
25	Other diseases of the circulatory system	3	3														1	1		1			
26	Bronchitis																						
27	Pneumonias	13	8	5		1		1			2	1		1	1	1	2	3	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																						
31	Diseases of the liver and biliary passages	2	2														1	1					
32	Other diseases of the digestive system	3	1	2													1	1	1				
33	Nephritis	18	8	10	1											4	1	5	4	2	2		
34	Other diseases of the genitourinary system	1	1															1					
35	Puerperal septicemia	1		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																						
38	Congenital debility and malformations, premature birth and other diseases of early infancy	9	6	3		9					9												
39	Senility																						
40	Suicide	2	2											1	1								
41	Homicide	2	1	1										2									
42	Violent and accidental deaths (suicide and homicide excepted)	8	6	2									1				3		3	1			
43	Cause of death not specified or ill-defined																						

Estimated population, 14,313. Total resident deaths, 157. Rate per 1,000 population, 10.9.

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TABULATION OF DEATHS IN CAPE MAY COUNTY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	413	223	190	48	15	4	....	1	....	20	5	9	13	16	30	64	103	103	46	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	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....
9	Plague	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
10	Tuberculosis of the respiratory system	12	7	5	3	....	....	....	....	....	....	....	2	2	4	3	....	1	....	....	....	....
11	Other forms of tuberculosis	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....
12	Syphilis	5	2	3	3	1	....	....	....	....	1	....	....	....	....	2	2	....	....	....	....	....
13	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
14	Other infectious and parasitic diseases	4	2	2	....	....	....	....	....	....	....	....	1	1	1	....	....	....	....	1	....	....
15	Cancer and other malignant tumors	45	21	24	1	....	....	....	....	....	....	....	....	1	....	3	9	16	13	3	....	....
16	Tumors, nonmalignant, or of which the nature is not specified	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
17	Chronic rheumatism and gout	1	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....
18	Diabetes mellitus	15	5	10	3	....	....	....	....	....	....	....	....	....	....	2	5	5	3	....	....	....
19	Alcoholism (acute or chronic)	1	....	1	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....
20	Other general diseases and chronic poisonings	2	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....
21	Progressive locomotor ataxia and general paralysis of the insane	2	....	2	1	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	42	22	20	....	....	....	....	....	....	....	....	....	....	....	....	7	17	12	6	....	....

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23	Other diseases of the nervous system and of the organs of special sense	2	2				1			1			1									
24	Diseases of the heart	116	77	39	13							1		1	8	18	30	40	17	1		
25	Other diseases of the circulatory system	14	5	9	2							1				2	2	5	2	2		
26	Bronchitis	1		1									1									
27	Pneumonias	29	8	21	8	3	2			5		2	2	1		4	3	8	3	1		
28	Other diseases of the respiratory system (tuberculosis excepted)	2	1	1	1						1					1						
29	Diarrhoea and enteritis	1	1		1	1				1												
30	Appendicitis	5	4	1	1		1			1				2		1	1					
31	Diseases of the liver and biliary passages	5	5		1									1	1	2		1				
32	Other diseases of the digestive system	12	4	8							1			2	1	2	4	1	1			
33	Nephritis	46	24	22	4									2	5	4	16	10	9			
34	Other diseases of the genitourinary system	2	1	1											1		1					
35	Puerperal septicemia																					
36	Other diseases of pregnancy, childbirth and the puerperal state	3		3									2	1								
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	1	1										1									
38	Congenital debility and malformations, premature birth and other diseases of early infancy	10	6	4	2	10				10												
39	Senility																					
40	Suicide	4	4										1				1	2				
41	Homicide	1	1										1									
42	Violent and accidental deaths (suicide and homicide excepted)	27	17	10	2				1	1	2	2		1	3	5	3	7	3			
43	Cause of death not specified or ill-defined																					

Estimated population, 32,665. Total resident deaths, 413. Rate per 1,000 population, 12.6.

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TABULATION OF DEATHS IN CUMBERLAND COUNTY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	842	472	370	74	42	7	1	2	2	54	10	19	33	38	67	112	185	194	117	13	....
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	1	.....	1	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	Diphtheria	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	Influenza	14	13	1	1	2	.....	.....	.....	.....	2	.....	1	.....	.....	.....	4	4	2	1	.....	.....
9	Plague	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	27	15	12	5	.....	.....	.....	.....	.....	.....	.....	.....	5	3	8	7	3	.....	1	.....	.....
11	Other forms of tuberculosis	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....
12	Syphilis	2	2	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....
13	Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	7	5	2	1	1	.....	.....	.....	.....	1	1	1	.....	4	.....	.....	.....	.....	.....	.....	.....
15	Cancer and other malignant tumors	89	46	43	4	.....	.....	.....	.....	.....	.....	.....	1	.....	1	9	15	34	18	11	.....	.....
16	Tumors, nonmalignant, or of which the nature is not specified	4	.....	4	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	2	.....	1	.....	.....	.....
17	Chronic rheumatism and gout	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
18	Diabetes mellitus	26	8	18	2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	2	1	12	9	1	.....	.....
19	Alcoholism (acute or chronic)	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
20	Other general diseases and chronic poisonings	10	6	4	1	.....	1	.....	.....	.....	1	.....	.....	1	.....	1	2	2	1	2	.....	.....
21	Progressive locomotor ataxia and general paralysis of the insane	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	84	38	46	3	.....	.....	.....	.....	1	1	.....	.....	.....	1	1	11	21	32	15	2	.....

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23	Other diseases of the nervous system and of the organs of special sense	9	6	3							1		1		3	1	1	1		2			
24	Diseases of the heart	247	151	96	23	1					1		1	3	7	13	34	53	83	46	6		
25	Other diseases of the circulatory system	12	5	7													1	3	3	5			
26	Bronchitis	4	4			2					2							2					
27	Pneumonias	36	15	21	4	7			1		8		1		1		5	4	6	5	5	1	
28	Other diseases of the respiratory system (tuberculosis excepted)	7	3	4		1	1				2		1			1	1	1		1			
29	Diarrhoea and enteritis	15	8	7	2	7	3	1			11		1					1		1	1		
30	Appendicitis	8	5	3	1									2	2		2	1	1				
31	Diseases of the liver and biliary passages	18	9	9	1									1	1	1	4	2	5	1	3		
32	Other diseases of the digestive system	12	9	3	2									1			1	4	4	1	1		
33	Nephritis	89	51	38	7								1	1	1	4	7	11	24	22	16	2	
34	Other diseases of the genitourinary system	5	3	2											2				2	1			
35	Puerperal septicemia	3		3											1	2							
36	Other diseases of pregnancy, childbirth and the puerperal state	7		7	1									2	2	3							
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	4	3	1	1												1	1	2				
38	Congenital debility and malformations, premature birth and other diseases of early infancy	21	12	9	1	19	2				21												
39	Senility	7	2	5	1															4	1	2	
40	Suicide	7	3	4											1	1		2	1	2			
41	Homicide	2	2		2										1					1			
42	Violent and accidental deaths (suicide and homicide excepted)	56	40	16	8					1	1	4	6	8	5	9	6	5	4	8			
43	Cause of death not specified or ill-defined	1	1						1		1												

Estimated population, 72,605. Total resident deaths, 842. Rate per 1,000 population, 11.5.

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TABULATION OF DEATHS IN BRIDGETON CITY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	202	113	89	32	12	1	1	....	....	14	2	5	8	15	13	29	41	42	32	1	....
1	Typhoid and paratyphoid fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2	Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	Smallpox	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	Measles	1	1	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....
5	Scarlet fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
6	Whooping cough	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
7	Diphtheria	1	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....
8	Influenza	1	1	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....
9	Plague	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
10	Tuberculosis of the respiratory system	7	5	2	3	....	....	....	....	....	....	....	....	2	1	1	2	....	....	1	....	....
11	Other forms of tuberculosis	1	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....
12	Syphilis	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....
13	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
14	Other infectious and parasitic diseases	3	2	1	1	1	....	....	....	....	1	....	1	....	1	....	....	....	....	....	....	....
15	Cancer and other malignant tumors	18	8	10	2	....	....	....	....	....	....	....	....	....	....	....	3	7	5	3	....	....
16	Tumors, nonmalignant, or of which the nature is not specified	2	....	2	1	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....
17	Chronic rheumatism and gout	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
18	Diabetes mellitus	4	2	2	....	....	....	....	....	....	....	....	1	....	....	1	....	1	1	....	....	....
19	Alcoholism (acute or chronic)	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....
20	Other general diseases and chronic poisonings	5	3	2	1	....	....	....	....	....	....	....	....	1	....	....	1	1	....	2	....	....
21	Progressive locomotor ataxia and general paralysis of the insane	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	15	6	9	....	....	....	....	....	....	....	....	....	....	....	....	3	6	4	2	....	....

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23	Other diseases of the nervous system and of the organs of special sense	3	2	1											1		1		1				
24	Diseases of the heart	69	39	30	11									1	6	5	11	10	18	17	1		
25	Other diseases of the circulatory system	2	1	1														2					
26	Bronchitis																						
27	Pneumonias	8	3	5	4	1					1	1		1			1	3		1			
28	Other diseases of the respiratory system (tuberculosis excepted)	1		1												1							
29	Diarrhœa and enteritis	6	6			3	1	1			5									1			
30	Appendicitis	4	2	2	1								1	1		1	1						
31	Diseases of the liver and biliary passages	3	3	2	1									1		1		2		1			
32	Other diseases of the digestive system	2	2														2						
33	Nephritis	24	14	10	3							1			3	3	2	3	10	2			
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	1	1	1												1	1					
38	Congenital debility and malformations, premature birth and other diseases of early infancy	5	2	3		5					5												
39	Senility	2		2	1															2			
40	Suicide	2	1	1														1		1			
41	Homicide																						
42	Violent and accidental deaths (suicide and homicide excepted)	6	5	1	2								1	1	1			1		2			
43	Cause of death not specified or ill-defined																						

Estimated population, 16,135. Total resident deaths, 262. Rate per 1,000 population, 12.5.

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TABULATION OF DEATHS IN MILLVILLE CITY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	183	92	91	4	9	3	....	1	....	13	2	6	5	5	14	22	35	54	22	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	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
9	Plague	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	6	2	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	3	1	.....	.....	.....	.....
11	Other forms of tuberculosis	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
12	Syphilis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	1	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	Cancer and other malignant tumors	22	14	8	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	2	10	6	2	.....	.....
16	Tumors, nonmalignant, or of which the nature is not specified	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Chronic rheumatism and gout	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
18	Diabetes mellitus	7	.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	2	.....	.....	.....
19	Alcoholism (acute or chronic)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Other general diseases and chronic poisonings	1	.....	1	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	Progressive locomotor ataxia and general paralysis of the insane	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	29	13	16	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	4	3	13	7	1	....

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23	Other diseases of the nervous system and of the organs of special sense	1	1											1									
24	Diseases of the heart	51	30	21									1		1	4	5	9	24	5	2		
25	Other diseases of the circulatory system	5	3	2													1	1	1	2			
26	Bronchitis																						
27	Pneumonias	4	2	2		1				1							2	1					
28	Other diseases of the respiratory system (tuberculosis excepted)	1		1			1			1													
29	Diarrhoea and enteritis	4		4		2	2			4													
30	Appendicitis	2	1	1									1			1							
31	Diseases of the liver and biliary passages	5	1	4												1	1	1		2			
32	Other diseases of the digestive system	3	1	2	1								1				1	1					
33	Nephritis	11	6	5	1								1			2	1	1	3	2	1		
34	Other diseases of the genitourinary system	1		1										1									
35	Puerperal septicemia	3		3										1	2								
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	5	3	2		5				5													
39	Senility	3	2	1															1	1	1		
40	Suicide	1		1													1						
41	Homicide	1	1		1														1				
42	Violent and accidental deaths (suicide and homicide excepted)	9	7	2									1	1		1	1	2	2	1			
43	Cause of death not specified or ill-defined	1	1						1	1													

Estimated population, 14,708. Total, resident deaths, 183. Rate per 1,000 population, 12.4.

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TABULATION OF DEATHS IN ESSEX COUNTY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS															
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	8835	4597	4238	1027	499	92	52	41	32	716	109	228	431	666	1058	1523	1840	1543	619	102	
1	Typhoid and paratyphoid fever	7	4	3	1	1					1			2	2	2						
2	Typhus fever																					
3	Smallpox																					
4	Measles	29	15	14	3	5	7	6	2		20	8					1					
5	Scarlet fever	12	10	2		1	1		1	4	7	3	1			1						
6	Whooping cough	12	3	9	3	6	3	1	2		12											
7	Diphtheria	3	2	1			2				2	1										
8	Influenza	65	29	36	4	2	3		1		6	1		8	7	11	5	14	8	4	1	
9	Plague																					
10	Tuberculosis of the respiratory system	519	326	223	189	2	1	1			4	2	37	119	137	111	85	38	15	1		
11	Other forms of tuberculosis	64	24	40	27	5	7	2	3	3	20	6	5	9	11	5	5	2	1			
12	Syphilis	56	31	25	27	6					6		2	7	8	14	7	10	2			
13	Malaria																					
14	Other infectious and parasitic diseases	67	39	28	4	7	3	3	1	1	15	4	11	7	8	6	7	6	2		1	
15	Cancer and other malignant tumors	1084	485	599	70		2	1	1		4	2	5	15	35	137	303	312	213	55	3	
16	Tumors, nonmalignant, or of which the nature is not specified	51	19	32	10		2	1	1		4		1	6	7	18	6	5	3	1		
17	Chronic rheumatism and gout	10	4	6											2	2	1	2	3			
18	Diabetes mellitus	254	83	171	10			1			1		2	2	7	14	53	96	70	9		
19	Alcoholism (acute or chronic)	14	12	2	5				1		1				4	6	3					
20	Other general diseases and chronic poisonings	146	69	77	16	10			4	3	17	5	19	13	16	25	21	15	14	1		
21	Progressive locomotor ataxia and general paralysis of the insane	47	36	11	12				1		1		1	2	5	13	10	13	2			
22	Cerebral hemorrhage, cerebral embolism and thrombosis	620	260	360	43								3	5	7	41	113	169	174	96	12	

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23	Other diseases of the nervous system and of the organs of special sense	142	89	53	19	13	5	2	2	4	26	13	10	12	11	19	14	16	16	4	1
24	Diseases of the heart	2202	1147	1055	191	3	....	1	2	3	9	18	32	42	93	215	387	572	553	239	40
25	Other diseases of the circulatory system	188	114	74	23	1	1	1	....	....	3	....	....	2	7	13	20	55	52	24	12
26	Bronchitis	22	14	8	....	2	....	1	....	....	3	....	....	1	....	1	3	6	4	3	1
27	Pneumonias	605	327	278	102	81	33	15	10	3	142	10	19	30	64	70	87	91	61	28	3
28	Other diseases of the respiratory system (tuberculosis excepted)	64	39	25	6	3	....	2	....	....	5	1	2	2	10	4	15	8	12	3	2
29	Diarrhoea and enteritis	45	26	19	11	32	1	....	....	1	34	1	..	2	1	2	2	1	1	....	1
30	Appendicitis	149	91	58	13	....	....	3	4	2	9	10	12	15	30	25	24	19	5	....	....
31	Diseases of the liver and biliary passages	160	77	83	9	....	....	....	....	....	....	1	3	1	11	37	39	41	20	7	....
32	Other diseases of the digestive system	218	132	86	21	7	4	4	1	1	17	2	6	11	26	42	44	39	23	8	....
33	Nephritis	714	343	371	64	3	2	....	....	....	5	....	8	15	33	71	135	168	183	79	17
34	Other diseases of the genitourinary system	130	80	50	15	....	....	....	....	....	....	....	1	11	13	17	20	36	23	9	....
35	Puerperal septicemia	18	.....	18	2	....	....	....	....	....	....	....	2	8	6	2	....	....	....	....	....
36	Other diseases of pregnancy, childbirth and the puerperal state	29	.....	29	6	....	....	....	....	....	....	....	3	13	11	2	....	....	....	....	....
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	21	14	7	1	3	1	....	....	1	5	2	2	2	4	1	1	3	1	....	....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	298	161	137	51	288	7	2	1	....	298	....	....	....	....	....	....	....	....	....	....
39	Senility	37	13	24	1	....	....	....	....	....	....	....	....	....	....	....	....	3	12	17	5
40	Suicide	156	121	35	4	....	....	....	....	....	....	....	....	16	19	43	41	22	12	3	....
41	Homicide	49	33	16	17	2	....	....	....	....	2	....	2	13	18	8	5	1	....	....	....
42	Violent and accidental deaths (suicide and homicide excepted)	495	324	171	46	16	7	5	3	6	37	19	39	40	51	80	64	76	58	25	3
43	Cause of death not specified or ill-defined	3	1	2	1	....	....	....	....	....	....	....	....	....	....	....	2	1	....	....	....

Estimated population, 891,038. Total resident deaths, 8,835. Rate per 1,000 population, 9.9.

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TABULATION OF DEATHS IN BELLEVILLE TOWN FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	257	148	109	22	18	4	2	1	1	26	3	11	8	26	28	37	58	44	16	....	....
1	Typhoid and paratyphoid fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2	Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	Smallpox	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	Measles	1	....	1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....
5	Scarlet fever	1	1	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....
6	Whooping cough	1	....	1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....
7	Diphtheria	1	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....
8	Influenza	4	3	1	....	....	1	....	....	....	1	....	....	....	....	2	....	1	....	....	....	....
9	Plague	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
10	Tuberculosis of the respiratory system	18	11	7	6	....	....	....	....	....	....	....	1	3	7	2	2	3	....	....	....	....
11	Other forms of tuberculosis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12	Syphilis	2	1	1	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	....	....
13	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
14	Other infectious and parasitic diseases	2	1	1	....	1	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....
15	Cancer and other malignant tumors	18	10	8	....	....	....	....	....	....	....	....	....	....	....	....	6	8	3	1	....	....
16	Tumors, nonmalignant, or of which the nature is not specified	3	2	1	....	....	....	....	....	....	....	....	....	....	2	....	1	....	....	....	....	....
17	Chronic rheumatism and gout	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
18	Diabetes mellitus	3	1	2	....	....	....	....	....	....	....	....	....	....	....	....	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	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	14	5	9	1	....	....	....	....	....	....	....	2	....	....	....	1	4	5	2	....	....

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23	Other diseases of the nervous system and of the organs of special sense	5	5									1	1			1		2					
24	Diseases of the heart	68	36	32	4								1	3	2	2	10	21	23	6			
25	Other diseases of the circulatory system	5	4	1											1	1		2	1				
26	Bronchitis	1	1			1					1												
27	Pneumonias	22	11	11	3	2	1	1			4			1	5	4	2	3		3			
28	Other diseases of the respiratory system (tuberculosis excepted)	1	1														1						
29	Diarrhoea and enteritis	2	1	1		1					1				1								
30	Appendicitis	3	2	1									1			1		1					
31	Diseases of the liver and biliary passages	2	1	1	1												1	1					
32	Other diseases of the digestive system	9	5	4									2		1	2	2	1	1				
33	Nephritis	27	13	14	4										2	6	5	4	7	3			
34	Other diseases of the genitourinary system	1	1															1					
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	1	1												1								
38	Congenital debility and malformations, premature birth and other diseases of early infancy	12	9	3	2	12					12												
39	Senility	2	1	1														1	1				
40	Suicide	6	6												1	3	1			1			
41	Homicide	1		1											1								
42	Violent and accidental deaths (suicide and homicide excepted)	16	13	3	1	1		1	1		3	1	2		1	3	3	1	2				
43	Cause of death not specified or ill-defined																						

Estimated population, 30,562. Total resident deaths, 257. Rate per 1,000 population, 8.4.

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TABULATION OF DEATHS IN BLOOMFIELD TOWN FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	356	182	174	13	12	3	1	2	1	19	8	10	18	21	46	59	67	68	31	9	....
1	Typhoid and paratyphoid fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	Typhus fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Smallpox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Measles	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	Scarlet fever	2	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
6	Whooping cough	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	Diphtheria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	Influenza	5	2	3	.....	.....	.....	.....	.....	.....	.....	1	.....	1	1	.....	.....	.....	1	.....	1	..
9	Plague	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	13	11	2	1	.....	.....	.....	.....	.....	.....	.....	2	2	3	3	2	1	.....	.....	.....	.....
11	Other forms of tuberculosis	2	1	1	.....	.....	.....	.....	.....	1	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
12	Syphilis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
15	Cancer and other malignant tumors	53	24	29	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	9	16	14	10	1	.....	.....
16	Tumors, nonmalignant, or of which the nature is not specified	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
17	Chronic rheumatism and gout	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Diabetes mellitus	7	4	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	3	2	.....	.....	.....
19	Alcoholism (acute or chronic)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Other general diseases and chronic poisonings	4	2	2	.....	.....	.....	.....	1	.....	1	2	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
21	Progressive locomotor ataxia and general paralysis of the insane	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	31	13	18	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	3	5	6	6	8	2	....

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23	Other diseases of the nervous system and of the organs of special sense	5	4	1	1		1		1		2		1				1			1		
24	Diseases of the heart	97	52	45	1	1					1		2	3	3	9	19	21	26	12	1	
25	Other diseases of the circulatory system	3	1	2															3			
26	Bronchitis																					
27	Pneumonias	18	10	8	2								3		4	2	3	2	2	1	1	
28	Other diseases of the respiratory system (tuberculosis excepted)	1	1		1										1							
29	Diarrhoea and enteritis	2		2		1	1				2											
30	Appendicitis	6	4	2											1	1	2	1	1			
31	Diseases of the liver and biliary passages	9	2	7											1	3	2	2		1		
32	Other diseases of the digestive system	8	2	6			1				1	1	1			1	1	2	1			
33	Nephritis	42	18	24	4										1	6	3	10	13	5	4	
34	Other diseases of the genitourinary system	4	4													1		2		1		
35	Puerperal septicemia	1		1										1								
36	Other diseases of pregnancy, childbirth and the puerperal state	2		2	1									1	1							
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	1		1								1										
38	Congenital debility and malformations, premature birth and other diseases of early infancy	10	6	4		10					10											
39	Senility	1		1																1		
40	Suicide	6	5	1										2		2	1	1				
41	Homicide																					
42	Violent and accidental deaths (suicide and homicide excepted)	20	12	8				1			1	1	1	6	2	3	2	1	3			
43	Cause of death not specified or ill-defined																					

Estimated population, 43,170. Total resident deaths, 356. Rate per 1,000 population, 8.2.

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TABULATION OF DEATHS IN EAST ORANGE CITY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	718	334	384	56	28	4	3	....	1	36	7	11	27	25	73	119	161	156	90	13	....
1	Typhoid and paratyphoid fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	Typhus fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Smallpox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Measles	2	1	1	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	Scarlet fever	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	Whooping cough	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	Diphtheria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	Influenza	7	2	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1	2	2	.....	.....	.....
9	Plague	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	25	11	14	7	.....	.....	.....	.....	.....	.....	.....	.....	6	4	6	4	3	1	1	.....	.....
11	Other forms of tuberculosis	1	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
12	Syphilis	1	1	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	5	3	2	.....	1	.....	1	.....	.....	2	.....	.....	.....	.....	1	1	1	.....	.....	.....	.....
15	Cancer and other malignant tumors	113	51	62	11	.....	.....	.....	.....	.....	.....	.....	.....	1	3	11	38	23	26	11	.....	.....
16	Tumors, nonmalignant, or of which the nature is not specified	5	2	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	2	.....	.....	.....	.....
17	Chronic rheumatism and gout	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
18	Diabetes mellitus	13	2	11	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	6	3	1	.....	.....
19	Alcoholism (acute or chronic)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Other general diseases and chronic poisonings	10	2	8	.....	.....	.....	.....	.....	.....	.....	1	1	1	2	2	1	1	1	.....	.....	.....
21	Progressive locomotor ataxia and general paralysis of the insane	4	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	2	.....	.....	.....	.....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	74	37	37	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	8	20	23	17	2	....

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23	Other diseases of the nervous system and of the organs of special sense	16	9	7		3	1			1	5				2	2	3	1	3				
24	Diseases of the heart	182	73	109	10								2	2	1	9	24	43	60	37	4		
25	Other diseases of the circulatory system	16	7	9													1	4	5	3	3		
26	Bronchitis	1		1															1				
27	Pneumonias	33	16	17	2	2	1	1			4		1	1	1	7	1	9	5	4			
28	Other diseases of the respiratory system (tuberculosis excepted)	10	7	3	2								2				3	3		1	1		
29	Diarrhoea and enteritis	2	2			1								1									
30	Appendicitis	12	8	4	1							1		2	1	2	1	4	1				
31	Diseases of the liver and biliary passages	12	5	7								1				1	4	1	4	1			
32	Other diseases of the digestive system	16	9	7	2			1			1		2		2	3		5	3				
33	Nephritis	72	36	36	5								1	1	1	12	15	22	13	5	2		
34	Other diseases of the genitourinary system	8	4	4	2									2	1		1	2	1	1			
35	Puerperal septicemia																						
36	Other diseases of pregnancy, childbirth and the puerperal state	4		4	1									3	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	20	9	11	1	19	1				20												
39	Senility	3	2	1																3			
40	Suicide	11	9	2										2	2	3	3			1			
41	Homicide	1		1	1											1							
42	Violent and accidental deaths (suicide and homicide excepted)	37	21	16	4	1	1				2	1	2	5	1	5	5	7	4	4	1		
43	Cause of death not specified or ill-defined																						

Estimated population, 73,509. Total resident deaths, 718. Rate per 1,000 population, 9.7.

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TABULATION OF DEATHS IN IRVINGTON TOWN FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	490	249	241	1	23	4	3	....	2	32	5	17	23	39	43	85	111	93	36	4	....
1	Typhoid and paratyphoid fever	2	1	1	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....	....
2	Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	Smallpox	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	Measles	2	1	1	....	....	1	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....
5	Scarlet fever	2	2	....	....	....	....	....	....	1	1	....	1	....	....	....	....	....	....	....	....	....
6	Whooping cough	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
7	Diphtheria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
8	Influenza	3	....	3	....	....	1	....	....	....	1	....	....	....	....	....	....	2	....	....	....	....
9	Plague	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
10	Tuberculosis of the respiratory system	16	9	7	....	....	....	....	....	....	....	....	....	2	5	4	4	....	1	....	....	....
11	Other forms of tuberculosis	1	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....
12	Syphilis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
14	Other infectious and parasitic diseases	4	1	3	....	2	....	....	....	....	2	....	....	1	1	....	....	....	....	....	....	....
15	Cancer and other malignant tumors	68	26	42	....	....	....	....	....	....	....	....	....	1	4	5	18	22	13	5	....	....
16	Tumors, nonmalignant, or of which the nature is not specified	2	1	1	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....
17	Chronic rheumatism and gout	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....
18	Diabetes mellitus	23	6	17	....	....	....	....	....	....	....	....	....	....	....	1	2	4	10	5	1	....	....
19	Alcoholism (acute or chronic)	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....
20	Other general diseases and chronic poisonings	6	2	4	....	....	....	....	....	1	1	....	1	....	1	....	2	1	....	....	....	....
21	Progressive locomotor ataxia and general paralysis of the insane	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	27	13	14	....	....	....	....	....	....	....	....	....	....	....	....	2	2	7	13	3	....	....

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23	Other diseases of the nervous system and of the organs of special sense	6	5	1								1		1	1	2		1			
24	Diseases of the heart	124	66	58		1					1		1	2	4	11	23	36	30	14	2
25	Other diseases of the circulatory system	12	5	7										1	1		1	4	2	2	1
26	Bronchitis	1		1																1	
27	Pneumonias	22	15	7	1	2	1	1			4	1	3	2	2		5	2	2	1	
28	Other diseases of the respiratory system (tuberculosis excepted)	5	2	3											1	2	1		1		
29	Diarrhoea and enteritis																				
30	Appendicitis	12	7	5									1	3	4	2	1		1		
31	Diseases of the liver and biliary passages	12	3	9									1		1	1	1	5	2	1	
32	Other diseases of the digestive system	15	9	6		1		2			3			1	2		4	3	1	1		
33	Nephritis	42	20	22									1	2	2	2	10	6	12	6	1
34	Other diseases of the genitourinary system	12	8	4										1	1	1		3	5	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	3	3									1						2			
38	Congenital debility and malformations, premature birth and other diseases of early infancy	17	10	7		16	1				17										
39	Senility																				
40	Suicide	15	12	3										1	3	3	6	1	1		
41	Homicide	4	3	1									1	1	2						
42	Violent and accidental deaths (suicide and homicide excepted)	26	17	9		1						1	5	2	2	4	2	6	3		
43	Cause of death not specified or ill-defined																				

Estimated population, 66,642. Total resident deaths, 490. Rate per 1,000 population, 7.3.

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TABULATION OF DEATHS IN MONTCLAIR TOWN FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	461	216	245	83	18	1	1	1	....	21	5	8	26	24	56	71	102	86	52	10	....
1	Typhoid and paratyphoid fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	Typhus fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Smallpox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Measles	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	Scarlet fever	1	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	Whooping cough	1	1	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	Diphtheria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	Influenza	4	2	2	.....	.....	.....	.....	1	.....	1	.....	.....	.....	1	1	1	.....	.....	.....	.....	.....
9	Plague	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	30	13	17	16	.....	.....	.....	.....	.....	.....	.....	2	11	7	7	2	1	.....	.....	.....	.....
11	Other forms of tuberculosis	2	.....	2	.....	.....	1	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	Syphilis	2	2	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....
13	Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	5	1	4	1	.....	.....	.....	.....	.....	.....	1	.....	2	.....	.....	1	1	.....	.....	.....	.....
15	Cancer and other malignant tumors	66	25	41	6	.....	.....	1	.....	.....	1	.....	.....	1	2	11	10	24	13	3	1	.....
16	Tumors, nonmalignant, or of which the nature is not specified	2	.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....
17	Chronic rheumatism and gout	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Diabetes mellitus	15	6	9	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	7	2	4	.....	.....	.....
19	Alcoholism (acute or chronic)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Other general diseases and chronic poisonings	4	1	3	1	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	1	1	.....	.....	.....
21	Progressive locomotor ataxia and general paralysis of the insane	3	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	1	.....	.....	.....	.....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	47	17	30	6	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	2	8	12	11	12	1	.....

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23	Other diseases of the nervous system and of the organs of special sense	5	4	1								1		1				2	1				
24	Diseases of the heart	110	51	59	20								1	2	3	11	15	27	29	18	4		
25	Other diseases of the circulatory system	7	5	2	1											1		3	2	1			
26	Bronchitis	1	1																		1		
27	Pneumonias	25	15	10	6	1							2	3	1	5	6	2	2	3			
28	Other diseases of the respiratory system (tuberculosis excepted)	4	3	1	1												2		1	1			
29	Diarrhoea and enteritis	4	3	1	2	2					2					2							
30	Appendicitis	6	4	2	2							1		1	1	1	1	1					
31	Diseases of the liver and biliary passages	10	6	4													2	4	2	2			
32	Other diseases of the digestive system	4	2	2											1			3					
33	Nephritis	40	20	20	6								1		3	1	11	8	10	4	2		
34	Other diseases of the genitourinary system	10	4	6	1										1	1	1	5	2				
35	Puerperal septicemia	1		1										1									
36	Other diseases of pregnancy, childbirth and the puerperal state	1		1										1									
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion																						
38	Congenital debility and malformations, premature birth and other diseases of early infancy	11	7	4	3	11					11												
39	Senility	1		1																1			
40	Suicide	6	3	3												4	1		1				
41	Homicide	1	1															1					
42	Violent and accidental deaths (suicide and homicide excepted)	32	17	15	6	2					2	1	1	1	3	3	2	4	7	7	1		
43	Cause of death not specified or ill-defined																						

Estimated population, 46,203. Total resident deaths, 461. Rate per 1,000 population, 9.9.

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TABULATION OF DEATHS IN NEWARK CITY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	4958	2671	2287	759	314	59	35	29	24	461	66	134	268	433	649	882	991	782	260	32	....
1	Typhoid and paratyphoid fever	2	1	1	1	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....
2	Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	Smallpox	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	Measles	19	10	9	1	3	4	6	2	....	15	3	....	....	....	....	1	....	....	....	....	....
5	Scarlet fever	4	3	1	....	1	....	....	1	2	4	....	....	....	....	....	....	....	....	....	....	....
6	Whooping cough	9	2	7	2	4	2	1	2	....	9	....	....	....	....	....	....	....	....	....	....	....
7	Diphtheria	2	1	1	....	....	2	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....
8	Influenza	32	16	16	3	....	1	....	....	....	1	....	....	6	2	7	3	7	4	2	....	....
9	Plague	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
10	Tuberculosis of the respiratory system	380	242	138	147	1	....	....	....	....	1	2	29	80	99	75	61	23	10	....	....	....
11	Other forms of tuberculosis	49	16	33	24	5	5	2	3	2	17	3	4	7	9	3	4	1	1	....	....	....
12	Syphilis	42	20	22	24	4	....	....	....	....	4	....	2	6	7	11	5	6	1	....	....	....
13	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
14	Other infectious and parasitic diseases	39	25	14	2	3	3	1	1	1	9	2	6	3	5	5	4	3	2	....	....	....
15	Cancer and other malignant tumors	541	257	284	43	....	....	....	1	....	1	....	4	8	18	78	157	155	98	21	1	....
16	Tumors, nonmalignant, or of which the nature is not specified	25	8	17	5	....	....	1	....	....	1	....	....	4	4	10	2	2	2	....	....	....
17	Chronic rheumatism and gout	6	3	3	....	....	....	....	....	....	....	....	....	....	1	1	1	1	2	....	....	....
18	Diabetes mellitus	143	44	99	6	....	....	1	....	....	1	....	1	2	5	9	29	51	42	3	....	....
19	Alcoholism (acute or chronic)	13	11	2	5	....	....	....	1	....	1	....	....	....	4	6	2	....	....	....	....	....
20	Other general diseases and chronic poisonings	92	45	47	14	6	....	....	2	2	10	2	14	11	9	14	15	11	6	....	....	....
21	Progressive, locomotor ataxia and genera paralysis of the insane	34	27	7	11	....	....	....	1	....	1	....	1	1	4	10	8	9	....	....	....	....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	297	125	172	25	....	....	....	....	....	....	....	1	3	5	25	66	81	78	33	5	....

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23	Other diseases of the nervous system and of the organs of special sense	69	40	29	12	8	2	2	1	3	16	9	3	7	5	12	5	5	6	1	....	....
24	Diseases of the heart	1249	676	573	141	1	....	1	2	3	7	17	21	24	68	141	233	323	294	109	12	....
25	Other diseases of the circulatory system	118	76	42	22	....	1	1	....	....	2	....	....	....	4	10	15	34	32	17	4	....
26	Bronchitis	15	9	6	....	1	....	....	....	....	1	....	....	1	....	1	3	5	2	2	....	....
27	Pneumonias	375	210	165	78	67	27	10	7	3	114	5	6	17	36	43	53	57	32	10	2	....
28	Other diseases of the respiratory system (tuberculosis excepted)	27	17	10	2	3	....	1	....	....	4	....	....	2	4	....	8	3	6	....	....	....
29	Diarrhoea and enteritis	30	17	13	8	23	....	....	....	1	24	1	....	1	....	....	1	1	1	....	1	....
30	Appendicitis	78	49	29	8	....	....	2	3	1	6	8	6	7	17	13	13	8	....	....	....	....
31	Diseases of the liver and biliary passages	86	45	41	7	....	....	....	....	....	....	....	1	1	7	25	23	17	12	....	....	....
32	Other diseases of the digestive system	120	72	48	17	6	2	1	1	1	11	1	1	8	17	24	28	15	9	6	....	....
33	Nephritis	346	170	176	41	2	2	....	....	....	4	....	5	10	19	34	60	89	87	34	4	....
34	Other diseases of the genitourinary system	78	48	30	9	....	....	....	....	....	....	....	1	8	10	11	14	21	9	4	....	....
35	Puerperal septicemia	12	.....	12	1	.....	....	....	....	....	....	....	2	3	5	2	.....	.....	.....	.....	.....	.....
36	Other diseases of pregnancy, childbirth and the puerperal state	14	.....	14	4	.....	....	....	....	....	....	....	2	4	6	2	.....	.....	.....	.....	.....	.....
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	12	7	5	1	2	1	....	....	1	4	....	1	1	2	1	1	1	1	....	....	....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	170	83	87	39	165	3	2	....	....	170	....	....	....	....	....	....	....	....	....	....	....
39	Senility	22	8	14	1	.....	....	....	....	....	....	....	....	....	....	....	....	1	11	7	3	....
40	Suicide	80	63	17	4	.....	....	....	....	....	....	....	....	9	9	24	18	14	6	....	....	....
41	Homicide	39	28	11	16	1	....	....	....	....	1	....	1	12	14	6	5	.....	.....	.....	.....	.....
42	Violent and accidental deaths (suicide and homicide excepted)	286	196	90	34	8	4	3	1	4	20	13	22	21	37	46	42	46	28	11	....	....
43	Cause of death not specified or ill-defined	3	1	2	1	.....	....	....	....	....	....	....	....	....	....	.....	2	1	.....	.....	.....	.....

Estimated population, 451,154. Total resident deaths, 4,958. Rate per 1,000 population, 10.9.

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TABULATION OF DEATHS IN NUTLEY TOWN FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	165	89	76	5	13	1	....	2	....	16	....	5	5	13	14	37	32	32	9	2	....
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	.....	.....	.....
9	Plague	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	4	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1	1	.....	.....	.....	.....
11	Other forms of tuberculosis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	Syphilis	1	1	.....	1	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	Cancer and other malignant tumors	17	7	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	6	6	2	.....	.....	.....
16	Tumors, nonmalignant, or of which the nature is not specified	2	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....
17	Chronic rheumatism and gout	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Diabetes mellitus	3	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	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	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	14	7	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	3	5	3	.....	.....

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23	Other diseases of the nervous system and of the organs of special sense	3	3			1	1				2							1						
24	Diseases of the heart	46	26	20	1									2	2		13	14	13	1				
25	Other diseases of the circulatory system	2	1	1															1		1			
26	Bronchitis																							
27	Pneumonias	10	3	7	1				2		2				3		2		2	1				
28	Other diseases of the respiratory system (tuberculosis excepted)																							
29	Diarrhœa and enteritis	1		1													1							
30	Appendicitis	3	2	1									2		1									
31	Diseases of the liver and biliary passages	2		2												1		1						
32	Other diseases of the digestive system	8	7	1												3	2	1	2					
33	Nephritis	15	6	9										1	2	2	4	2	2	2				
34	Other diseases of the genitourinary system	1		1													1							
35	Puerperal septicemia	1		1	1									1										
36	Other diseases of pregnancy, childbirth and the puerperal state																							
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	1	1												1									
38	Congenital debility and malformations, premature birth and other diseases of early infancy	8	7	1		8					8													
39	Senility																							
40	Suicide	3	1	2											1			1		1				
41	Homicide	1	1			1					1													
42	Violent and accidental deaths (suicide and homicide excepted)	12	7	5		1					1		2			3	1	1	3	1				
43	Cause of death not specified or ill-defined																							

Estimated population, 24,108. Total resident deaths, 165. Rate per 1,000 population, 6.8.

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TABULATION OF DEATHS IN ORANGE CITY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATF

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	361	159	202	70	27	4	2	4	....	37	3	13	18	25	37	49	76	59	34	10	....
1	Typhoid and paratyphoid fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	Typhus fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Smallpox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Measles	2	.....	2	1	2	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	Scarlet fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	Whooping cough	1	.....	1	1	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	Diphtheria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	Influenza	2	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
9	Plague	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	22	12	10	10	.....	.....	.....	.....	.....	.....	.....	2	5	3	4	5	1	2	.....	.....	.....
11	Other forms of tuberculosis	3	2	1	2	.....	1	.....	.....	.....	1	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
12	Syphilis	3	3	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1	.....	.....	.....
13	Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	5	2	3	1	.....	.....	1	.....	.....	1	.....	.....	.....	2	.....	1	.....	.....	.....	1	.....
15	Cancer and other malignant tumors	45	19	26	5	.....	.....	.....	.....	.....	.....	1	1	1	.....	3	8	15	11	5	.....	.....
16	Tumors, nonmalignant, or of which the nature is not specified	2	1	1	1	.....	.....	.....	1	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
17	Chronic rheumatism and gout	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
18	Diabetes mellitus	8	4	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	4	1	1	.....	.....
19	Alcoholism (acute or chronic)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Other general diseases and chronic poisonings	8	5	3	1	1	.....	.....	1	....	2	....	1	....	2	3	.....	.....	.....	.....	.....	.....
21	Progressive locomotor ataxia and general paralysis of the insane	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	26	8	18	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	4	8	5	6	1	....

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23	Other diseases of the nervous system and of the organs of special sense	13	6	7	6	1					1	1	2		1	1	3	1	3				
24	Diseases of the heart	84	32	52	11								1	2	3	6	13	21	19	13	6		
25	Other diseases of the circulatory system	5	3	2										1				2	1		1		
26	Bronchitis																						
27	Pneumonias	26	11	15	9	1	2	1			4		1	3	4	5	1	5	2	1			
28	Other diseases of the respiratory system (tuberculosis excepted)	4	3	1											2			1	1				
29	Diarrhoea and enteritis	3	3		1	3					3												
30	Appendicitis	6	2	4	2								2		3	1							
31	Diseases of the liver and biliary passages	4		4												1		3					
32	Other diseases of the digestive system	9	6	3	1									2		2	1	3	1				
33	Nephritis	33	12	21	3	1					1			1		4	7	6	9	5			
34	Other diseases of the genitourinary system	3	2	1	1											1		1	1				
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	1		1										1									
38	Congenital debility and malformations, premature birth and other diseases of early infancy	18	10	8	6	17			1		18												
39	Senility	2		2																1	1		
40	Suicide	7	5	2										1	3		2		1				
41	Homicide																						
42	Violent and accidental deaths (suicide and homicide excepted)	12	6	6	1		1		1		2		2		1	1	1	4	1				
43	Cause of death not specified or ill-defined																						

Estimated population, 36,075. Total resident deaths, 361. Rate per 1,000 population, 10.0.

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TABULATION OF DEATHS IN SOUTH ORANGE VILLAGE FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	153	76	77	9	1	2	2	....	....	5	2	2	3	4	13	28	40	35	15	6	....
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	3	4	2	1	1	1	....	....	3	....	....	1	....	....	2	1	....	....	....	....
11	Other forms of tuberculosis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12	Syphilis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
14	Other infectious and parasitic diseases	2	2	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....
15	Cancer and other malignant tumors	31	14	17	1	....	....	....	....	....	....	....	....	....	1	2	8	8	9	2	1	....
16	Tumors, nonmalignant, or of which the nature is not specified	1	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....
17	Chronic rheumatism and gout	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
18	Diabetes mellitus	5	2	3	....	....	....	....	....	....	....	....	....	....	....	....	1	1	2	1	....	....
19	Alcoholism (acute or chronic)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
20	Other general diseases and chronic poisonings	2	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....
21	Progressive locomotor ataxia and general paralysis of the insane	1	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	18	5	13	2	....	....	....	....	....	....	....	....	....	....	....	2	7	6	3	....	....

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

Estimated population, 15,645. Total resident deaths, 153. Rate per 1,000 population, 9.7.

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TABULATION OF DEATHS IN WEST ORANGE TOWN FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	261	126	135	3	14	5	2	....	2	23	5	7	13	15	35	36	51	55	17	4	....
1	Typhoid and paratyphoid fever	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
2	Typhus fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Smallpox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Measles	2	2	.....	1	.....	1	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	Scarlet fever	1	1	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	Whooping cough	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	Diphtheria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	Influenza	2	1	1	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
9	Plague	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	9	2	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	1	3	1	1	.....	.....	.....	.....
11	Other forms of tuberculosis	2	.....	2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
12	Syphilis	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....
13	Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	Cancer and other malignant tumors	35	13	22	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	5	11	10	7	1	.....	.....
16	Tumors, nonmalignant, or of which the nature is not specified	2	1	1	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
17	Chronic rheumatism and gout	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Diabetes mellitus	7	3	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	4	2	.....	.....	.....
19	Alcoholism (acute or chronic)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Other general diseases and chronic poisonings	8	5	3	.....	1	.....	.....	.....	.....	1	.....	2	1	1	1	.....	.....	2	.....	.....	.....
21	Progressive locomotor ataxia and general paralysis of the insane	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	16	6	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	2	4	6	2	.....	.....

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23	Other diseases of the nervous system and of the organs of special sense	3	2	1										1	1		1						
24	Diseases of the heart	69	33	36	1							1	3	1	2	12	6	17	20	6	1		
25	Other diseases of the circulatory system	6	4	2													2	2	2				
26	Bronchitis	1	1																				
27	Pneumonias	17	10	7		1		1			2	1		1	3	1	1	4	4				
28	Other diseases of the respiratory system (tuberculosis excepted)	4	2	2											1			1	1		1		
29	Diarrhœa and enteritis	1		1		1					1												
30	Appendicitis	6	4	2				1		1	2			1			1	1	1				
31	Diseases of the liver and biliary passages	6	2	4													2	2	1		1		
32	Other diseases of the digestive system	4	3	1			1				1				1		1	1					
33	Nephritis	17	10	7													2	3	2	5	3	2	
34	Other diseases of the genitourinary system																						
35	Puerperal septicæmia	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					1												
38	Congenital debility and malformations, premature birth and other diseases of early infancy	9	5	4		8	1				9												
39	Senility	4	2	2																			
40	Suicide	5	3	2															1		3		
41	Homicide															2	3						
42	Violent and accidental deaths (suicide and homicide excepted)	14	7	7		1				1	2	1		2	2	2	1	1	2	1			
43	Cause of death not specified or ill-defined																						

Estimated population, 27,103. Total resident deaths, 261. Rate per 1,000 population, 9.6.

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TABULATION OF DEATHS IN GLOUCESTER COUNTY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	819	429	390	80	49	4	6	7	2	68	14	23	45	29	56	127	152	179	108	18	....
1	Typhoid and paratyphoid fever	2	2											1			1					
2	Typhus fever																					
3	Smallpox																					
4	Measles	1		1			1				1											
5	Scarlet fever	5	1	4			1	1			2	2				1						
6	Whooping cough																					
7	Diphtheria	2	1	1								2										
8	Influenza	10	5	5	2	2					2		1			1	1	2	2	1		
9	Plague																					
10	Tuberculosis of the respiratory system	26	11	15	8	1					1	1	2	10	4	4	2	1	1			
11	Other forms of tuberculosis	4	1	3						1	1			2	1							
12	Syphilis	1		1	1	1					1								1			
13	Malaria	1	1																			
14	Other infections and parasitic diseases	6	2	4		1			1		2	1	1		1		1					
15	Cancer and other malignant tumors	74	24	50	2			1			1					5	19	16	21	12		
16	Tumors, nonmalignant, or of which the nature is not specified	4	1	3		1					1				1		1	1				
17	Chronic rheumatism and gout	2		2													1		1			
18	Diabetes mellitus	17	9	8	1											1	2	5	6	3		
19	Alcoholism (acute or chronic)																					
20	Other general diseases and chronic poisonings	10	5	5	2	2					2		1	1	1	1	2	1	1			
21	Progressive locomotor ataxia and general paralysis of the insane	6	5	1										1		2	1	2				
22	Cerebral hemorrhage, cerebral embolism and thrombosis	97	51	46	12										2	6	16	22	27	21	3	

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23	Other diseases of the nervous system and of the organs of special sense	13	7	6		1		1			2		1	3		1	3	1	2				
24	Diseases of the heart	206	100	106	14				1		1	1	7	3	4	11	25	50	69	28	7		
25	Other diseases of the circulatory system	9	5	4	1														3	6			
26	Bronchitis	6	3	3	1				1		1							1	2	2			
27	Pneumonias	45	25	20	7	11	1	1	1	1	15	2	2		4	2	5	8	3	1	3		
28	Other diseases of the respiratory system (tuberculosis excepted)	5	4	1	2	1					1	1				1	1		1				
29	Diarrhoea and enteritis	10	7	3	3	5	1		1		7			1			1	1					
30	Appendicitis	4	1	3					1		1			1		1	1						
31	Diseases of the liver and biliary passages	10	4	6													4	2	3	1			
32	Other diseases of the digestive system	15	9	6	1								1	1		3	3	1	3	3			
33	Nephritis	100	61	39	11									2	1	6	16	25	23	23	4		
34	Other diseases of the genitourinary system	12	8	4	1									2			2	4	1	3			
35	Puerperal septicemia	3		3	1									3									
36	Other diseases of pregnancy, childbirth and the puerperal state	5		5	2								2	2		1							
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	4	1	3		1					1			1					2				
38	Congenital debility and malformations, premature birth and other diseases of early infancy	22	13	9		22					22												
39	Senility	1		1																1			
40	Suicide	11	9	2										1	2	1	5	2					
41	Homicide	4	4		2									1	3								
42	Violent and accidental deaths (suicide and homicide excepted)	66	49	17	6			2	1		3	4	5	9	5	8	14	7	7	3	1		
43	Cause of death not specified or ill-defined																						

Estimated population, 77,962. Total resident deaths, 819. Rate per 1,000 population, 10.5.

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TABULATION OF DEATHS IN HUDSON COUNTY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	6918	3773	3145	262	421	66	48	32	30	597	108	170	348	482	900	1281	1469	1135	377	51	....
1	Typhoid and paratyphoid fever	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
2	Typhus fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Smallpox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Measles	8	2	6	.....	1	1	2	1	1	6	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	Scarlet fever	5	1	4	.....	.....	.....	.....	1	2	3	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	Whooping cough	7	2	5	.....	5	1	.....	.....	1	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	Diphtheria	19	12	7	.....	2	4	4	6	1	17	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
8	Influenza	58	23	35	1	3	1	1	1	....	6	4	1	3	9	8	10	9	5	3	.....	.....
9	Plague	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	349	230	119	35	.....	.....	1	.....	.....	1	.....	14	93	67	65	70	36	2	1	.....	.....
11	Other forms of tuberculosis	33	18	15	2	3	5	2	1	.....	11	3	3	5	5	3	1	1	.....	1	.....	.....
12	Syphilis	52	39	13	12	2	.....	.....	.....	.....	2	1	....	3	5	17	13	8	3	.....	.....	.....
13	Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	43	18	25	1	9	1	1	....	1	12	3	2	3	2	7	9	3	2	.....	.....	.....
15	Cancer and other malignant tumors	829	390	439	12	.....	1	.....	.....	.....	1	1	3	11	39	128	208	246	159	31	2	....
16	Tumors, nonmalignant, or of which the nature is not specified	36	13	23	3	.....	.....	.....	.....	.....	.....	2	2	4	8	11	5	3	.....	1	.....	.....
17	Chronic rheumatism and gout	6	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	3	1	.....	.....
18	Diabetes mellitus	207	71	136	5	.....	.....	.....	.....	.....	.....	1	2	1	4	13	54	92	36	4	.....	.....
19	Alcoholism (acute or chronic)	17	14	3	2	.....	.....	.....	.....	.....	.....	.....	.....	1	4	3	6	2	1	.....	.....	.....
20	Other general diseases and chronic poisonings	119	48	71	1	4	3	2	1	2	12	9	17	13	14	14	15	14	11	.....	.....	.....
21	Progressive locomotor ataxia and general paralysis of the insane	43	37	6	5	.....	.....	.....	.....	.....	.....	.....	1	.....	2	16	14	10	.....	.....	.....	.....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	482	220	262	11	.....	.....	.....	.....	.....	.....	1	1	4	6	42	99	137	141	45	6	....

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23	Other diseases of the nervous system and of the organs of special sense	107	57	50	1	11	4	2	1	4	22	9	4	10	12	14	15	16	4	1	....
24	Diseases of the heart	1942	1063	879	70	1	....	....	....	1	2	14	35	54	77	242	364	523	446	163	22
25	Other diseases of the circulatory system	123	78	45	3	1	....	....	....	....	1	....	1	1	8	10	15	33	38	13	3
26	Bronchitis	17	15	2	....	3	....	....	1	....	4	....	....	....	1	2	6	....	1	2	1
27	Pneumonias	541	316	225	33	77	25	16	7	4	129	11	24	29	44	72	99	63	50	16	4
28	Other diseases of the respiratory system (tuberculosis excepted)	62	37	25	3	7	5	2	2	1	17	2	4	3	5	7	11	2	6	5	....
29	Diarrhœa and enteritis	77	47	30	3	50	6	4	....	1	61	2	....	2	2	3	3	....	2	2	....
30	Appendicitis	90	58	32	3	1	....	2	3	3	9	4	11	10	13	18	13	9	3	....	....
31	Diseases of the liver and biliary passages	129	63	66	....	....	....	....	....	....	....	....	1	4	10	22	47	33	9	3	....
32	Other diseases of the digestive system	154	98	56	1	6	1	2	3	1	13	2	1	11	22	35	22	29	14	4	1
33	Nephritis	479	226	253	13	....	....	1	....	1	2	1	4	7	21	41	85	121	139	52	6
34	Other diseases of the genitourinary system	74	42	32	6	....	....	....	....	....	....	1	3	6	7	11	13	15	15	3	....
35	Puerperal septicemia	9	....	9	1	....	....	....	....	....	....	....	....	5	4	....	....	....	....	....	....
36	Other diseases of pregnancy, childbirth and the puerperal state	27	....	27	1	....	....	....	....	....	....	....	2	9	14	2	....	....	....	....	....
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	20	13	7	....	....	2	1	....	....	3	....	3	3	....	2	4	2	2	1	....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	231	137	94	11	229	1	1	....	....	231	....	....	....	....	....	....	....	....	....	....
39	Senility	13	4	9	....	....	....	....	....	....	....	....	....	....	....	....	....	1	2	7	3
40	Suicide	97	77	20	2	....	....	....	....	....	....	....	....	6	16	20	29	17	5	4	....
41	Homicide	30	23	7	5	1	....	....	....	....	1	....	2	9	10	4	3	1	....	....	....
42	Violent and accidental deaths (suicide and homicide excepted)	382	278	104	16	5	5	4	4	6	24	32	29	37	51	68	46	42	36	14	3
43	Cause of death not specified or ill-defined	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

Estimated population, 710,253. Total resident deaths, 6,918. Rate per 1,000 population, 9.7.

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TABULATION OF DEATHS IN BAYONNE CITY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS															
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	694	402	292	39	43	8	3	4	3	61	12	37	42	44	90	133	144	99	29	3	
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	10	5	5		1	1				2	1		1	1	1	3		1			
9	Plague																					
10	Tuberculosis of the respiratory system	36	23	13	5								2	10	5	6	9	4				
11	Other forms of tuberculosis	3	1	2		1	1				2		1									
12	Syphilis	1	1		1										1							
13	Malaria																					
14	Other infectious and parasitic diseases	2	1	1		1					1		1									
15	Cancer and other malignant tumors	71	39	32	1								1	2	5	7	20	21	14	1		
16	Tumors, nonmalignant, or of which the nature is not specified	4	1	3												2	1			1		
17	Chronic rheumatism and gout	1		1															1			
18	Diabetes mellitus	15	6	9											1	1	1	10	2			
19	Alcoholism (acute or chronic)	1	1												1							
20	Other general diseases and chronic poisonings	21	11	10		1					1	2	7	4	1	1	3	2				
21	Progressive locomotor ataxia and general paralysis of the insane	2	2										1				1					
22	Cerebral hemorrhage, cerebral embolism and thrombosis	51	23	28	1									1		5	6	17	17	5		

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23	Other diseases of the nervous system and of the organs of special sense	12	8	4	1					1	1	1	3				4	2	1				
24	Diseases of the heart	188	88	90	8							1	8	2	5	32	39	49	36	13	3		
25	Other diseases of the circulatory system	13	9	4											1	2	2	5	2	1			
26	Bronchitis	4	3	1		1										1	2						
27	Pneumonias	62	38	24	6	12	3	2	1		18	2	1	4	5	3	17	9	2	1			
28	Other diseases of the respiratory system (tuberculosis excepted)	8	4	4	1		1				1	1	1	3	1	1							
29	Diarrhœa and enteritis	5	3	2		2				1	3			1					1				
30	Appendicitis	10	9	1				1	1		2		2		2	2		2					
31	Diseases of the liver and biliary passages	12	7	5									1			1	5	4		1			
32	Other diseases of the digestive system	12	4	8	1				1		1		1	1		2	2	4		1			
33	Nephritis	42	28	14	3								1	2	4	3	5	11	13	3			
34	Other diseases of the genitourinary system	10	6	4	2								1		2	3	1		3				
35	Puerperal septicemia	2		2	1									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	4	4				1				1		1	1			1						
38	Congenital debility and malformations, premature birth and other diseases of early infancy	23	15	8	4	23					23												
39	Senility	2		2																2			
40	Suicide	17	14	3										1	3	7	4	2					
41	Homicide	5	4	1	3	1					1												
42	Violent and accidental deaths (suicide and homicide excepted)	42	34	8	1		1		1		2	4	4	6	3	8	7	2	6				
43	Cause of death not specified or ill-defined																						

Estimated population, 92,856. Total resident deaths, 694. Rate per 1,000 population, 7.4.

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TABULATION OF DEATHS IN HARRISON TOWN FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	145	66	79	1	8	2	....	....	1	11	6	6	6	15	27	25	22	19	5	3	....
1	Typhoid and paratyphoid fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2	Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	Smallpox	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	Measles	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5	Scarlet fever	1	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....
6	Whooping cough	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
7	Diphtheria	1	1	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....
8	Influenza	4	2	2	....	....	....	....	....	....	....	....	....	....	2	....	....	1	....	1	....	....	....
9	Plague	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
10	Tuberculosis of the respiratory system	5	2	3	....	....	....	....	....	....	....	....	1	1	1	1	....	1	....	....	....	....
11	Other forms of tuberculosis	1	....	1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....
12	Syphilis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
14	Other infectious and parasitic diseases	2	....	2	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....	....
15	Cancer and other malignant tumors	9	3	6	....	....	....	....	....	....	....	....	....	....	1	1	1	2	3	1	....	....
16	Tumors, nonmalignant, or of which the nature is not specified	1	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....
17	Chronic rheumatism and gout	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
18	Diabetes mellitus	5	1	4	....	....	....	....	....	....	....	....	1	....	....	1	....	2	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	1	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	11	6	5	....	....	....	....	....	....	....	....	....	....	....	2	3	1	3	1	1	....

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23	Other diseases of the nervous system and of the organs of special sense	4	3	1			1				1			1	1	1								
24	Diseases of the heart	40	20	20								1		1	4	8	10	6	8	1	1			
25	Other diseases of the circulatory system	1		1												1								
26	Bronchitis																							
27	Pneumonias	7	1	6										1	2	1	1	2						
28	Other diseases of the respiratory system (tuberculosis excepted)																							
29	Diarrhoea and enteritis	1		1		1				1	1													
30	Appendicitis	1	1																					
31	Diseases of the liver and biliary passages	3	1	2												3								
32	Other diseases of the digestive system	3	2	1												2	1							
33	Nephritis	19	7	12									1	1		2	4	6	3	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	6	2	4		6					6													
39	Senility																							
40	Suicide	2	2												1		1							
41	Homicide																							
42	Violent and accidental deaths (suicide and homicide excepted)	13	8	5	1							3	2		3	1		1						
43	Cause of death not specified or ill-defined																							

Estimated population, 15,601. Total resident deaths, 145. Rate per 1,000 population, 9.2.

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TABULATION OF DEATHS IN HOBOKEN CITY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	639	272	267	4	25	5	7	3	4	44	7	13	21	43	97	148	124	107	31	4	....
1	Typhoid and paratyphoid fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2	Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	Smallpox	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	Measles	2	....	2	....	....	....	....	1	....	1	1	....	....	....	....	....	....	....	....	....	....
5	Scarlet fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
6	Whooping cough	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
7	Diphtheria	6	4	2	....	....	1	2	1	1	5	....	....	....	....	....	1	....	....	....	....	....
8	Influenza	4	1	3	....	....	....	....	....	....	....	1	....	1	1	....	1	....	....	....	....	....
9	Plague	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
10	Tuberculosis of the respiratory system	26	18	8	....	....	....	....	....	....	....	....	....	2	5	8	10	1	....	....	....	....
11	Other forms of tuberculosis	4	4	....	....	....	....	....	....	....	....	....	1	1	2	....	....	....	....	....	....	....
12	Syphilis	9	7	2	....	....	....	....	....	....	....	....	....	1	2	2	3	1	....	....	....	....
13	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
14	Other infectious and parasitic diseases	4	3	1	....	....	....	....	....	....	....	1	....	....	....	....	2	....	1	....	....	....
15	Cancer and other malignant tumors	79	37	42	....	....	....	....	....	....	....	....	....	....	....	20	12	25	21	1	....	....
16	Tumors, nonmalignant, or of which the nature is not specified	1	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....
17	Chronic rheumatism and gout	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
18	Diabetes mellitus	20	7	13	....	....	....	....	....	....	....	....	....	....	....	2	7	7	4	....	....	....
19	Alcoholism (acute or chronic)	2	2	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....
20	Other general diseases and chronic poisonings	10	4	6	....	....	....	....	....	....	....	1	....	1	3	2	2	1	....	....	....	....
21	Progressive locomotor ataxia and general paralysis of the insane	11	10	1	1	....	....	....	....	....	....	....	....	....	1	5	4	1	....	....	....	....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	50	30	20	....	....	....	....	....	....	....	....	....	....	....	4	18	14	12	2	....	....

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23	Other diseases of the nervous system and of the organs of special sense	7	4	3		1	1			1	3				1	2	1					
24	Diseases of the heart	191	115	76	1								3	6	10	22	41	44	47	17	1	
25	Other diseases of the circulatory system	14	10	4											1	1	1	4	3	3	1	
26	Bronchitis	1	1																	1		
27	Pneumonias	52	30	22	2	5	3	2	1		11	2	3	1	4	8	8	8	4	2	1	
28	Other diseases of the respiratory system (tuberculosis excepted)	6	3	3				1			1		1			1	3					
29	Diarrhœa and enteritis	6	4	2		4		1			5					1						
30	Appendicitis	8	4	4											1	3	3		1			
31	Diseases of the liver and biliary passages	13	8	5											1	2	5	4		1		
32	Other diseases of the digestive system	11	8	3		1		1			2			2	1	2	1	1	2			
33	Nephritis	29	12	17									1		1	2	11	6	5	3		
34	Other diseases of the genitourinary system	10	9	1									1			1	3	2	2	1		
35	Puerperal septicemia																					
36	Other diseases of pregnancy, childbirth and the puerperal state	4		4									1	1	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	14	7	7		14					14											
39	Senility																					
40	Suicide	13	12	1											3	3	6	1				
41	Homicide	5	4	1									1	1	2		1					
42	Violent and accidental deaths (suicide and homicide excepted)	26	14	12						2	2	1	1	2	3	6	3	3	4		1	
43	Cause of death not specified or ill-defined																					

Estimated population, 59,261. Total resident deaths, 639. Rate per 1,000 population, 10.7.

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TABULATION OF DEATHS IN JERSEY CITY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	3465	1874	1591	210	221	32	20	14	12	299	54	82	194	256	444	639	759	546	177	15	....
1	Typhoid and paratyphoid fever	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	....
2	Typhus fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
3	Smallpox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
4	Measles	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
5	Scarlet fever	1	.....	1	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
6	Whooping cough	6	2	4	.....	4	1	.....	.....	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
7	Diphtheria	9	4	5	.....	1	2	1	4	.....	8	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
8	Influenza	25	9	16	1	.....	.....	1	.....	.....	1	2	1	1	3	4	3	8	2	.....	.....	....
9	Plague	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
10	Tuberculosis of the respiratory system	197	130	67	29	.....	.....	1	.....	.....	1	.....	11	55	39	32	34	23	1	1	.....	....
11	Other forms of tuberculosis	14	8	6	2	.....	2	1	.....	.....	3	3	.....	4	2	2	.....	.....	.....	.....	.....	....
12	Syphilis	28	21	7	11	2	.....	.....	.....	.....	2	1	.....	1	2	10	6	4	2	.....	.....	....
13	Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
14	Other infectious and parasitic diseases	21	7	14	1	5	1	.....	.....	.....	6	2	.....	2	.....	5	4	2	.....	.....	.....	....
15	Cancer and other malignant tumors	426	196	230	11	.....	1	.....	.....	.....	1	1	2	7	23	65	115	131	67	13	1	....
16	Tumors, nonmalignant, or of which the nature is not specified	22	9	13	3	.....	.....	.....	.....	.....	.....	1	2	4	5	5	4	1	.....	.....	.....	....
17	Chronic rheumatism and gout	5	3	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	2	1	.....	....
18	Diabetes mellitus	112	34	78	5	.....	.....	.....	.....	.....	.....	.....	1	1	3	7	31	42	24	3	.....	....
19	Alcoholism (acute or chronic)	10	7	3	2	.....	.....	.....	.....	.....	.....	.....	.....	1	1	3	4	1	.....	.....	.....	....
20	Other general diseases and chronic poisonings	49	18	31	1	2	1	.....	1	1	5	5	3	6	6	5	6	6	7	.....	.....	....
21	Progressive locomotor ataxia and general paralysis of the insane	20	17	3	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	6	5	8	.....	.....	.....	....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	236	104	132	10	.....	.....	.....	.....	.....	.....	.....	.....	2	4	18	55	64	70	20	3	....

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23	Other diseases of the nervous system and of the organs of special sense	44	20	24	....	4	2	....	1	1	8	4	1	6	3	7	4	9	1	1	....	....
24	Diseases of the heart	971	537	434	58	....	....	....	....	....	....	9	17	30	45	119	184	279	208	76	4	....
25	Other diseases of the circulatory system	58	38	20	2	1	....	....	....	....	....	....	....	1	5	3	3	17	22	5	1	....
26	Bronchitis	6	6	....	....	1	....	....	1	....	2	....	....	....	....	....	3	....	....	1	....	....
27	Pneumonias	275	159	116	24	44	11	8	....	4	67	3	17	18	15	38	49	28	28	10	2	....
28	Other diseases of the respiratory system (tuberculosis excepted)	29	20	9	2	3	1	....	1	1	6	....	2	....	2	5	6	1	4	3	....	....
29	Diarrhoea and enteritis	51	31	20	3	34	5	2	....	....	41	2	....	....	2	1	2	....	1	2	....	....
30	Appendicitis	44	26	18	3	....	....	....	2	2	4	3	7	4	8	10	3	3	2	....	....	....
31	Diseases of the liver and biliary passages	63	33	30	....	....	....	....	....	....	....	....	....	3	8	7	25	13	7	....	....	....
32	Other diseases of the digestive system	81	58	23	....	5	1	....	1	....	7	1	....	3	14	23	9	14	6	3	1	....
33	Nephritis	233	102	131	9	....	....	1	....	....	1	1	....	2	12	17	41	65	66	26	2	....
34	Other diseases of the genitourinary system	40	19	21	4	....	....	....	....	....	....	....	....	6	4	5	6	10	8	1	....	....
35	Puerperal septicemia	4	....	4	....	....	....	....	....	....	....	....	....	2	2	....	....	....	....	....	....	....
36	Other diseases of pregnancy, childbirth and the puerperal state	15	....	15	1	....	....	....	....	....	....	....	1	6	6	2	....	....	....	....	....	....
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	10	7	3	....	....	1	1	....	....	2	....	1	1	....	2	1	1	1	1	....	....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	113	65	48	7	112	1	....	....	....	113	....	....	....	....	....	....	....	....	....	....	....
39	Senility	5	1	4	....	....	....	....	....	....	....	....	....	....	....	....	....	1	2	1	1	....
40	Suicide	29	23	6	2	....	....	....	....	....	....	....	....	4	8	4	7	5	1	....	....	....
41	Homicide	14	11	3	2	....	....	....	....	....	....	....	....	4	7	2	1	....	....	....	....	....
42	Violent and accidental deaths (suicide and homicide excepted)	198	149	49	13	3	2	4	2	2	13	15	16	19	26	37	27	22	14	9	....	....
43	Cause of death not specified or ill-defined	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

Estimated population, 322,617. Total resident deaths, 3,465. Rate per 1,000 population, 10.7.

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TABULATIN OF DEATHS IN KEARNY TOWN FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	377	211	166	4	28	3	3	2	5	41	7	6	13	28	49	60	69	74	23	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	3	2	1	....	....	....	....	1	....	1	....	....	....	....	1	....	....	1	....	....	....
9	Plague	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
10	Tuberculosis of the respiratory system	12	9	3	1	....	....	....	....	....	....	....	....	2	3	3	3	1	....	....	....	....
11	Other forms of tuberculosis	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....
12	Syphilis	2	2	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....
13	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
14	Other infectious and parasitic diseases	3	1	2	....	....	....	1	....	....	1	....	....	....	1	....	1	....	....	....	....	....
15	Cancer and other malignant tumors	55	19	36	....	....	....	....	....	....	....	....	....	1	4	10	12	13	13	2	....	....
16	Tumors, nonmalignant, or of which the nature is not specified	1	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....
17	Chronic rheumatism and gout	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
18	Diabetes mellitus	6	2	4	....	....	....	....	....	....	....	1	....	....	....	....	3	1	1	....	....	....
19	Alcoholism (acute or chronic)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
20	Other general diseases and chronic poisonings	3	1	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	24	11	13	....	....	....	....	....	....	....	1	....	....	1	4	....	5	10	2	1	....

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23	Other diseases of the nervous system and of the organs of special sense	5	4	1		1					1				1		3						
24	Diseases of the heart	126	73	53	1	1					1	1	2	4	2	16	18	31	35	12	4		
25	Other diseases of the circulatory system	5	3	2									1				3	1					
26	Bronchitis	3	3												1	1			1				
27	Pneumonias	33	21	12	1	6	2	1	1		10	1		1	6	4	3	3	4	1			
28	Other diseases of the respiratory system (tuberculosis excepted)	2		2		1					1						1						
29	Diarrhoea and enteritis	2	2			2					2												
30	Appendicitis	7	6	1		1		1			2	1		2			1	1					
31	Diseases of the liver and biliary passages	1		1												1							
32	Other diseases of the digestive system	10	6	4						1	1				2	2	2	3					
33	Nephritis	25	10	15												4	4	4	7	4	2		
34	Other diseases of the genitourinary system	3	3															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	1		1													1						
38	Congenital debility and malformations, premature birth and other diseases of early infancy	16	13	3		16					16												
39	Senility																						
40	Suicide	2	1	1										1			1						
41	Homicide																						
42	Violent and accidental deaths (suicide and homicide excepted)	24	17	7	1		1			2	3	2	3	2	6	2	1	4		1			
43	Cause of death not specified or ill-defined																						

Estimated population, 45,152. Total resident deaths, 377. Rate per 1,000 population, 8.3.

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TABULATION OF DEATHS IN UNION CITY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	594	300	294	1	37	8	6	3	2	56	8	9	20	33	64	91	146	117	42	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	2	2				1	1			2											
8	Influenza	4	1	3											1	1			1	1		
9	Plague																					
10	Tuberculosis of the respiratory system	21	9	12										7	5	4	3	1	1			
11	Other forms of tuberculosis	2	1	1		1		1			2											
12	Syphilis	6	4	2												2	2	2				
13	Malaria																					
14	Other infectious and parasitic diseases	3		3		1					1					1	1					
15	Cancer and other malignant tumors	78	40	38											4	9	22	25	16	2		
16	Tumors, nonmalignant, or of which the nature is not specified	2	1	1											2							
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	20	10	10													5	13	1	1		
19	Alcoholism (acute or chronic)	4	4												2		1	1				
20	Other general diseases and chronic poisonings	17	7	10			1	1			2	1	3		1	3	2	3	2			
21	Progressive locomotor ataxia and general paralysis of the insane	1	1													1						
22	Cerebral hemorrhage, cerebral embolism and thrombosis	54	21	33												4	4	20	17	8	1	

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23	Other diseases of the nervous system and of the organs of special sense	16	7	9		2		1			3	3		1	2	2	3	2					
24	Diseases of the heart	154	76	78	1					1	1	1	1	3	1	17	27	40	44	14	5		
25	Other diseases of the circulatory system	10	5	5											1			3	4	2			
26	Bronchitis	1		1																	1		
27	Pneumonias	39	27	12		4	4		1		9	1	1	2	3	6	5	7	4	1			
28	Other diseases of the respiratory system (tuberculosis excepted)	2	1	1			2				2												
29	Diarrhoea and enteritis	5	3	2		3					3					1	1						
30	Appendicitis	2	2													2							
31	Diseases of the liver and biliary passages	11	3	8												2	2	5	1	1			
32	Other diseases of the digestive system	18	11	7				1	1		2	1		2	2	3	2	3	3				
33	Nephritis	51	22	29						1	1		1	1	2	2	4	11	19	10			
34	Other diseases of the genitourinary system	5	2	3									1			2	1	1					
35	Puerperal septicemia	1		1										1									
36	Other diseases of pregnancy, childbirth and the puerperal state	3		3												3							
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	25	16	9		25					25												
39	Senility	1		1																1			
40	Suicide	10	8	2													5	3	2				
41	Homicide	2	1	1										2									
42	Violent and accidental deaths (suicide and homicide excepted)	23	15	8		1			1		2	1	2	1	4	2	1	6	2	1	1		
43	Cause of death not specified or ill-defined																						

Estimated population, 58,659. Total resident deaths, 594. Rate per 1,000 population, 10.1.

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TABULATION OF DEATHS IN WEST NEW YORK TOWN FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	316	181	135	1	19	3	4	3	....	29	5	6	17	17	44	58	66	56	14	4	....
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	....	1	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....
7	Diphtheria	1	1	....	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....
8	Influenza	2	....	2	....	2	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....
9	Plague	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
10	Tuberculosis of the respiratory system	19	12	7	....	....	....	....	....	....	....	....	....	8	2	4	3	2	....	....	....	....
11	Other forms of tuberculosis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12	Syphilis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
14	Other infectious and parasitic diseases	2	2	....	....	1	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....
15	Cancer and other malignant tumors	33	15	18	....	....	....	....	....	....	....	....	....	....	....	8	10	9	4	2	....	....
16	Tumors, nonmalignant, or of which the nature is not specified	2	1	1	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....
17	Chronic rheumatism and gout	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
18	Diabetes mellitus	10	6	4	....	....	....	....	....	....	....	....	....	....	....	1	2	7	....	....	....	....
19	Alcoholism (acute or chronic)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
20	Other general diseases and chronic poisonings	5	3	2	....	1	....	1	....	....	2	....	1	....	1	1	....	....	....	....	....	....
21	Progressive locomotor ataxia and general paralysis of the insane	3	2	1	....	....	....	....	....	....	....	....	....	....	....	2	1	....	....	....	....	....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	17	11	6	....	....	....	....	....	....	....	....	....	1	1	2	4	3	4	2	....	....

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23	Other diseases of the nervous system and of the organs of special sense	4	1	3											1			3				
24	Diseases of the heart	87	45	42									2	2	5	11	11	25	26	4	1	
25	Other diseases of the circulatory system	7	6	1													1	1	3	1	1	
26	Bronchitis	1	1														1					
27	Pneumonias	28	24	14		2	1	1	2		6	1		1		5	8	3	4			
28	Other diseases of the respiratory system (tuberculosis excepted)	5	3	2		2		1			3				1					1		
29	Diarrhoea and enteritis	3	2	1		2		1			3											
30	Appendicitis	8	5	3									2		2	1	2	1				
31	Diseases of the liver and biliary passages	6	4	2											1	2	1	2				
32	Other diseases of the digestive system	3	2	1											1		1	1				
33	Nephritis	31	22	9	1											3	9	6	12	1		
34	Other diseases of the genitourinary system	2	1	1								1			1							
35	Puerperal septicemia	1		1										1								
36	Other diseases of pregnancy, childbirth and the puerperal state																					
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	2	2										1	1								
38	Congenital debility and malformations, premature birth and other diseases of early infancy	7	3	4		7					7											
39	Senility	3	1	2																1	2	
40	Suicide	6	5	1											1	2	1	1		1		
41	Homicide	1	1														1					
42	Violent and accidental deaths (suicide and homicide excepted)	14	10	4		1	1				2	2		3		1	1	1	3	1		
43	Cause of death not specified or ill-defined																					

Estimated population, 39,385. Total resident deaths 316. Rate per 1,000 population, 8.0.

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TABULATION OF DEATHS IN HUNTERDON COUNTY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	493	272	221	4	29	4	3	1	....	37	3	11	16	18	34	52	96	136	73	17	....
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	8	6	2	....	....	....	....	....	....	....	....	....	....	....	2	2	1	....	3	....	....
9	Plague	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
10	Tuberculosis of the respiratory system	12	8	4	....	....	....	....	....	....	....	1	....	3	2	2	2	2	....	....	....	....
11	Other forms of tuberculosis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12	Syphilis	2	1	1	....	....	1	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....
13	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
14	Other infectious and parasitic diseases	2	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....
15	Cancer and other malignant tumors	59	22	37	1	....	....	....	....	....	....	....	....	2	2	7	7	15	19	7	....	....
16	Tumors, nonmalignant, or of which the nature is not specified	2	1	1	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....
17	Chronic rheumatism and gout	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....
18	Diabetes mellitus	18	9	9	....	....	....	....	....	....	....	....	1	....	....	2	3	10	2	....	....	....
19	Alcoholism (acute or chronic)	1	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....
20	Other general diseases and chronic poisonings	9	4	5	....	1	....	....	....	....	1	....	....	....	1	....	1	3	3	....	....	....
21	Progressive locomotor ataxia and general paralysis of the insane	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	67	37	30	....	....	....	....	....	....	....	....	....	....	....	2	6	15	23	18	3	....

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23	Other diseases of the nervous system and of the organs of special sense	9	6	3		1		1			2	1	3	1	1			1						
24	Diseases of the heart	128	62	66	1								1	1	2	8	18	30	39	20	9			
25	Other diseases of the circulatory system	15	9	6												1		1	8	2	3			
26	Bronchitis	1		1			1				1													
27	Pneumonias	32	18	14	1	7	1				2			1	2	2	2	2	9	6				
28	Other diseases of the respiratory system (tuberculosis excepted)	1	1																	1				
29	Diarrhoea and enteritis	4	2	2		3					3								1					
30	Appendicitis	1	1															1						
31	Diseases of the liver and biliary passages	8	5	3										1		1	1	1	3	1				
32	Other diseases of the digestive system	10	5	5											1		2	1	4	2				
33	Nephritis	33	23	10												2	2	9	13	6	1			
34	Other diseases of the genitourinary system	4	4												1			1	1	1				
35	Puerperal septicemia	3		3										2	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																							
38	Congenital debility and malformations, premature birth and other diseases of early infancy	18	15	3		17	1				18													
39	Senility	2	1	1																2				
40	Suicide	6	5	1												2	1	1	2					
41	Homicide	2	1	1												1		1						
42	Violent and accidental deaths (suicide and homicide excepted)	31	23	8	1			1	1		2	1	6	3	2	3	4		5	4	1			
43	Cause of death not specified or ill-defined																							

Estimated population, 35,313. Total resident deaths, 493. Rate per 1,000 population, 13.9.

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TABULATION OF DEATHS IN MERCER COUNTY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	2027	1127	900	165	147	18	7	12	7	191	31	56	83	127	235	321	417	356	188	22	....
1	Typhoid and paratyphoid fever	4	3	1	1	....	....	....	....	....	....	....	....	1	2	....	....	....	1	....	....	....
2	Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	Smallpox	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	Measles	4	3	1	1	2	....	....	....	....	2	1	....	....	....	....	....	....	1	....	....	....
5	Scarlet fever	4	2	2	....	....	....	....	3	....	3	....	1	....	....	....	....	....	....	....	....	....
6	Whooping cough	8	5	3	1	2	4	1	....	....	7	1	....	....	....	....	....	....	....	....	....	....
7	Diphtheria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
8	Influenza	19	11	8	1	1	1	1	....	....	3	2	1	....	2	2	....	3	3	3	....	....
9	Plague	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
10	Tuberculosis of the respiratory system	113	81	32	19	....	....	....	....	....	....	....	7	16	24	25	22	14	5	....	....	....
11	Other forms of tuberculosis	14	8	6	5	....	2	1	1	....	4	3	3	....	....	3	....	....	1	....	....	....
12	Syphilis	14	10	4	7	2	1	....	....	....	3	....	....	1	....	4	4	1	1	....	....	....
13	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
14	Other infectious and parasitic diseases	17	10	7	1	2	1	....	1	....	4	1	1	....	3	3	2	....	3	....	....	....
15	Cancer and other malignant tumors	197	92	105	10	....	....	....	1	....	1	....	....	2	7	38	43	59	30	15	2	....
16	Tumors, nonmalignant, or of which the nature is not specified	10	....	10	1	....	....	....	....	....	....	....	1	....	1	2	3	....	2	....	1	....
17	Chronic rheumatism and gout	3	....	3	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	1	....	....
18	Diabetes mellitus	48	20	28	3	....	....	....	1	....	1	....	1	....	1	5	10	16	11	3	....	....
19	Alcoholism (acute or chronic)	8	8	....	....	....	....	....	....	....	....	....	....	1	1	4	1	....	1	....	....	....
20	Other general diseases and chronic poisonings	27	14	13	2	4	....	....	....	....	4	3	5	....	3	4	1	5	1	1	....	....
21	Progressive locomotor ataxia and general paralysis of the insane	8	4	4	2	....	....	....	....	....	....	....	....	1	1	2	2	1	1	....	....	....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	167	86	81	17	....	....	....	1	....	1	....	....	3	1	13	30	48	44	27	....	....

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23	Other diseases of the nervous system and of the organs of special sense	32	25	7	1	3	....	1	1	....	5	3	4	....	3	1	7	5	1	3	....	....	
24	Diseases of the heart	512	265	247	22	....	....	....	....	1	1	3	2	8	17	45	85	128	131	77	15	....	
25	Other diseases of the circulatory system	68	48	20	3	....	....	....	....	....	....	....	....	....	1	2	10	17	22	14	2	....	
26	Bronchitis	10	6	4	4	....	....	....	1	....	1	....	....	1	1	1	2	2	2	....	....	....	
27	Pneumonias	141	74	67	20	29	6	1	1	1	38	2	7	5	8	12	20	28	15	5	1	....	
28	Other diseases of the respiratory system (tuberculosis excepted)	19	14	5	1	....	....	....	....	....	....	1	3	....	5	5	3	1	....	1	....	....	
29	Diarrhoea and enteritis	9	2	7	1	4	1	....	....	....	5	....	....	2	....	1	1	....	....	....	....	....	
30	Appendicitis	19	15	4	1	....	....	....	....	....	....	3	1	2	6	1	3	1	2	....	....	....	
31	Diseases of the liver and biliary passages	29	16	13	1	....	....	....	....	....	....	....	1	1	1	7	8	7	2	2	....	....	
32	Other diseases of the digestive system	52	28	24	2	4	....	....	....	3	7	....	....	3	3	10	(13	7	6	3	....	....	
33	Nephritis	156	80	76	6	....	....	....	....	....	....	....	4	1	6	13	23	46	42	20	1	....	
34	Other diseases of the genitourinary system	27	18	9	1	....	....	....	....	....	....	....	....	2	4	3	2	6	9	1	....	....	
35	Puerperal septicemia	8	.....	8	1	....	....	....	....	....	....	....	....	6	1	1	.....	.....	.....	....	....	....	
36	Other diseases of pregnancy, childbirth and the puerperal state	12	.....	12	....	....	....	....	....	....	....	....	....	4	5	3	.....	.....	.....	....	....	....	
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	2	2	.....	.....	.....	....	....	....	....	....	....	....	.....	.....	2	.....	.....	.....	....	....	....	
38	Congenital debility and malformations, premature birth and other diseases of early infancy	95	53	42	17	94	1	....	....	....	95	....	....	....	....	.....	.....	.....	.....	....	....	....	
39	Senility	1	1	.....	.....	.....	....	....	....	....	....	....	....	....	....	.....	.....	.....	1	....	....	....	
40	Suicide	37	29	8	2	.....	....	....	....	....	....	....	....	4	5	8	11	7	1	1	....	....	
41	Homicide	10	6	4	1	.....	....	....	....	....	....	....	....	4	5	1	.....	.....	.....	....	....	....	
42	Violent and accidental deaths (suicide and homicide excepted)	122	87	35	10	.....	1	2	1	2	6	7	14	14	10	14	15	15	16	11	....	....	
43	Cause of death not specified or ill-defined	1	1	.....	.....	.....	....	....	....	....	....	1	....	....	....	.....	.....	.....	.....	....	....	....	

Estimated population, 195,788. Total resident deaths, 2,027. Rate per 1,000 population, 10.3.

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TABULATION OF DEATHS IN TRENTON CITY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Male	Total	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 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	1336	748	588	118	94	7	4	5	3	113	22	39	62	82	167	223	292	219	105	12	....
1	Typhoid and paratyphoid fever	2	2	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	....
2	Typhus fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
3	Smallpox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
4	Measles	1	1	.....	1	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
5	Scarlet fever	1	1	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
6	Whooping cough	3	2	1	1	2	.....	.....	.....	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
7	Diphtheria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
8	Influenza	9	4	5	1	1	.....	1	.....	.....	2	.....	1	.....	2	1	.....	1	1	1	.....	....
9	Plague	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
10	Tuberculosis of the respiratory system	84	61	23	14	.....	.....	.....	.....	.....	.....	.....	5	13	18	17	21	6	4	.....	.....	....
11	Other forms of tuberculosis	12	6	6	4	.....	1	1	1	.....	3	2	3	.....	.....	3	.....	.....	1	.....	.....	....
12	Syphilis	10	8	2	6	2	.....	.....	.....	.....	2	.....	.....	1	.....	2	3	1	1	.....	.....	....
13	Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
14	Other infectious and parasitic diseases	9	5	4	1	1	1	.....	.....	.....	2	1	1	.....	2	2	.....	.....	1	.....	.....	....
15	Cancer and other malignant tumors	129	56	73	8	.....	.....	.....	.....	.....	.....	.....	.....	2	4	27	30	39	19	8	.....	....
16	Tumors, nonmalignant, or of which the nature is not specified	7	.....	7	1	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	2	.....	2	.....	1	....
17	Chronic rheumatism and gout	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	....
18	Diabetes mellitus	32	13	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	3	6	14	7	1	.....	....
19	Alcoholism (acute or chronic)	7	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	3	1	.....	1	.....	.....	....
20	Other general diseases and chronic poisonings	17	10	7	1	3	.....	.....	.....	.....	3	3	3	.....	1	4	1	.....	1	1	.....	....
21	Progressive locomotor ataxia and general paralysis of the insane	5	2	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	1	.....	1	.....	.....	....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	109	60	49	13	.....	.....	.....	1	.....	1	.....	.....	2	1	10	19	35	29	12	.....	....

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23	Other diseases of the nervous system and of the organs of special sense	20	15	5	1	3	....	....	....	....	3	2	4	....	....	1	6	3	....	1	....	....
24	Diseases of the heart	334	171	163	14	....	....	....	....	1	1	2	2	5	9	32	61	97	75	41	9	....
25	Other diseases of the circulatory system	51	36	15	3	....	....	....	....	....	....	....	....	....	1	1	5	14	16	13	1	....
26	Bronchitis	8	4	4	4	....	....	....	1	....	1	....	....	1	1	1	1	1	2	....	....	....
27	Pneumonias	91	45	46	13	18	3	....	....	....	21	1	4	3	5	8	14	19	12	4	....	....
28	Other diseases of the respiratory system (tuberculosis excepted)	13	9	4	1	....	....	....	....	....	....	1	3	....	2	3	2	1	....	1	....	....
29	Diarrhoea and enteritis	2	1	1	....	1	1	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....
30	Appendicitis	10	9	1	1	....	....	....	....	....	....	2	1	2	3	....	1	1	....	....	....	....
31	Diseases of the liver and biliary passages	18	11	7	1	....	....	....	....	....	....	....	1	1	1	5	6	3	1	....	....	....
32	Other diseases of the digestive system	41	23	18	2	4	....	....	....	2	6	....	....	3	3	8	10	5	4	2	....	....
33	Nephritis	101	48	53	3	....	....	....	....	....	....	....	1	1	5	11	13	32	25	12	1	....
34	Other diseases of the genitourinary system	19	15	4	1	....	....	....	....	....	....	....	....	1	2	2	2	5	6	1	....	....
35	Puerperal septicemia	5	....	5	....	....	....	....	....	....	....	....	....	5	....	....	....	....	....	....	....	....
36	Other diseases of pregnancy, childbirth and the puerperal state	9	....	9	....	....	....	....	....	....	....	....	....	3	3	3	....	....	....	....	....	....
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	58	35	23	12	58	....	....	....	....	58	....	....	....	....	....	....	....	....	....	....	....
39	Senility	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....
40	Suicide	23	18	5	1	....	....	....	....	....	....	....	....	1	3	7	7	4	1	....	....	....
41	Homicide	8	5	3	1	....	....	....	....	....	....	....	....	4	3	1	....	....	....	....	....	....
42	Violent and accidental deaths (suicide and homicide excepted)	85	63	22	8	....	1	2	1	....	4	7	9	12	7	9	11	11	8	7	....	....
43	Cause of death not specified or ill-defined	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

Estimated population, 124,646. Total resident deaths, 1,336. Rate per 1,000 population, 10.7.

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TABULATION OF DEATHS IN MIDDLESEX COUNTY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	1959	1121	838	81	148	17	10	6	7	188	28	64	74	150	277	327	394	310	126	21	....
1	Typhoid and paratyphoid fever	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
2	Typhus fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Smallpox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Measles	4	3	1	.....	.....	1	1	.....	.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	Scarlet fever	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	Whooping cough	3	2	1	1	3	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	Diphtheria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	Influenza	26	13	13	.....	4	1	.....	1	.....	6	.....	2	2	4	2	1	5	4	.....	.....	.....
9	Plague	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	97	53	44	8	.....	.....	.....	.....	.....	.....	2	9	19	19	23	16	6	2	1	.....	.....
11	Other forms of tuberculosis	5	1	4	.....	.....	.....	.....	.....	.....	.....	2	.....	1	.....	1	.....	1	.....	.....	.....	.....
12	Syphilis	15	11	4	6	.....	.....	.....	.....	.....	.....	.....	.....	1	3	2	5	2	2	.....	.....	.....
13	Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	11	7	4	1	3	1	.....	.....	.....	4	.....	1	2	2	1	.....	1	.....	.....	.....	.....
15	Cancer and other malignant tumors	236	119	117	4	.....	.....	.....	1	.....	1	2	3	1	11	39	60	67	40	12	.....	.....
16	Tumors, nonmalignant, or of which the nature is not specified	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....
17	Chronic rheumatism and gout	3	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	.....
18	Diabetes mellitus	41	18	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	2	4	9	16	7	.....	.....	.....
19	Alcoholism (acute or chronic)	4	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	2	.....	.....	.....	.....	.....
20	Other general diseases and chronic poisonings	27	15	12	1	2	.....	.....	.....	2	4	2	4	2	4	2	4	2	3	.....	.....	.....
21	Progressive locomotor ataxia and general paralysis of the insane	13	12	1	2	.....	.....	.....	.....	.....	.....	.....	.....	1	1	3	5	.....	3	.....	.....	.....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	150	75	75	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	16	21	55	31	18	2	....

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23	Other diseases of the nervous system and ot the organs of special sense	31	17	14	1	4	2	....	....	1	7	2	1	2	4	2	8	3	2	....	....	....
24	Diseases of the heart	507	281	226	19	.....	1	....	....	....	1	2	8	9	20	73	84	130	114	58	8	....
25	Other diseases of the circulatory system	37	22	15	.....	1	....	....	....	....	1	....	....	....	....	3	5	8	13	3	4	....
26	Bronchitis	9	5	4	.....	.....	.....	1	....	....	1	....	....	....	....	2	.....	2	3	1	....	....
27	Pneumonias	151	88	63	10	29	6	4	....	2	41	1	3	1	15	21	14	23	18	10	4	....
28	Other diseases of the respiratory system (tuberculosis excepted)	16	11	5	.....	.....	1	....	....	....	1	....	....	2	2	2	5	2	2	....	....	....
29	Diarrhoea and enteritis	16	11	5	.....	7	....	2	2	....	11	....	....	....	....	3	.....	.....	2	....	....	....
30	Appendicitis	23	15	8	.....	.....	.....	.....	.....	.....	.....	....	6	1	6	6	3	1	.....	.....	.....	....
31	Diseases of the liver and biliary passages	27	14	13	1	.....	.....	.....	.....	.....	.....	....	....	....	3	6	9	7	2	.....	.....	....
32	Other diseases of the digestive system	44	33	11	1	4	1	....	1	....	6	3	....	1	3	11	8	7	4	1	.....	....
33	Nephritis	140	70	70	9	.....	.....	.....	.....	1	1	1	1	2	7	10	37	31	40	9	1	....
34	Other diseases of the genitourinary system	18	8	10	1	.....	.....	.....	.....	.....	.....	....	....	2	4	6	.....	2	3	1	.....	....
35	Puerperal septicemia	4	.....	4	.....	.....	.....	.....	.....	.....	.....	....	1	....	3	.....	.....	.....	.....	.....	.....	....
36	Other diseases of pregnancy, childbirth and the puerperal state	7	.....	7	.....	.....	.....	.....	.....	.....	.....	....	....	3	4	.....	.....	.....	.....	.....	.....	....
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	9	7	2	.....	1	.....	.....	.....	.....	1	....	2	....	1	.....	2	1	1	1	.....	....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	89	52	37	4	88	.....	.....	.....	.....	88	1	....	....	....	.....	.....	.....	.....	.....	.....	....
39	Senility	6	1	5	.....	.....	.....	.....	.....	.....	.....	....	....	....	....	.....	.....	.....	.....	.....	.....	....
40	Suicide	36	31	5	2	.....	.....	.....	.....	.....	.....	....	1	2	5	12	9	4	3	.....	.....	....
41	Homicide	9	6	3	3	1	.....	.....	.....	.....	1	....	1	2	2	3	.....	.....	.....	.....	.....	....
42	Violent and accidental deaths (suicide and homicide excepted)	140	113	27	3	1	3	2	1	1	8	8	20	13	17	21	20	17	7	7	1	....
43	Cause of death not specified or ill-defined	1	1	.....	.....	.....	.....	.....	.....	.....	.....	....	....	....	....	1	.....	.....	.....	.....	.....	....

Estimated population, 228,022. Total resident deaths, 1,959. Rate per 1,000 population, 8.5.

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TABULATION OF DEATHS IN NEW BRUNSWICK CITY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	385	221	164	41	20	2	2	1	2	27	5	15	17	23	55	59	86	61	30	7	....
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	....	1	....	1	1	....	....	....
9	Plague	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
10	Tuberculosis of the respiratory system	16	7	9	6	....	....	....	....	....	....	....	2	4	4	2	4	....	....	....	....	....
11	Other forms of tuberculosis	1	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....
12	Syphilis	5	5	....	1	....	....	....	....	....	....	....	....	1	....	....	3	....	1	....	....	....
13	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
14	Other infectious and parasitic diseases	1	....	1	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....
15	Cancer and other malignant tumors	43	20	23	3	....	....	....	....	....	....	....	....	1	....	7	14	12	7	2	....	....
16	Tumors, nonmalignant, or of which the nature is not specified	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
17	Chronic rheumatism and gout	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
18	Diabetes mellitus	9	6	3	....	....	....	....	....	....	....	....	....	....	....	1	2	5	1	....	....	....	....
19	Alcoholism (acute or chronic)	1	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....
20	Other general diseases and chronic poisonings	7	2	5	1	....	....	....	....	1	1	....	2	1	....	....	1	1	1	....	....	....
21	Progressive locomotor ataxia and general paralysis of the insane	5	5	....	2	....	....	....	....	....	....	....	....	1	....	1	3	....	....	....	....	....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	23	13	10	1	....	....	....	....	....	....	....	....	....	1	3	1	9	3	5	1	....

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23	Other diseases of the nervous system and of the organs of special sense	3	4	1		1					1		1				2		1				
24	Diseases of the heart	98	52	46	10							1	4	1	2	15	12	29	16	16	2		
25	Other diseases of the circulatory system	8	6	2															8				
26	Bronchitis	1		1															1				
27	Pneumonias	47	29	18	5	2	1	2		1	6		1	1	5	7	5	8	8	3	3		
28	Other diseases of the respiratory system (tuberculosis excepted)	4	3	1			1				1			1			1		1				
29	Diarrhœa and enteritis	2	2			1					1								1				
30	Appendicitis	3		3									1	1	1								
31	Diseases of the liver and biliary passages	5	4	1	1										1	1	2	1					
32	Other diseases of the digestive system	7	7			1					1					5		1					
33	Nephritis	26	11	15	3							1				1	5	9	7	2	1		
34	Other diseases of the genitourinary system	6	3	3	1									1	1	1		2	1				
35	Puerperal septicemia	1		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	15	10	5	3	15					15												
39	Senility	1		1																1			
40	Suicide	8	6	2	1								1		1	3		3					
41	Homicide	1	1		1										1								
42	Violent and accidental deaths (suicide and homicide excepted)	28	20	8	1							2	3	1	4	6	4	4	3	1			
43	Cause of death not specified or ill-defined																						

Estimated population, 35,117. Total resident deaths, 385. Rate per 1,000 population, 10.9.

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TABULATION OF DEATHS IN PERTH AMBOY CITY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	375	212	163	12	36	4	....	2	1	43	4	14	15	31	65	70	67	43	22	1	....
1	Typhoid and paratyphoid fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	Typhus fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Smallpox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Measles	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	Scarlet fever	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	Whooping cough	1	.....	1	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	Diphtheria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	Influenza	6	1	5	.....	2	1	.....	.....	.....	3	.....	1	1	.....	.....	.....	1	.....	.....	.....	.....
9	Plague	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	23	17	6	.....	.....	.....	.....	.....	.....	.....	.....	1	4	6	7	5	.....	.....	.....	.....	.....
11	Other forms of tuberculosis	4	1	3	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	1	.....	1	.....	.....	.....	.....
12	Syphilis	5	2	3	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	1	1	1	.....	.....	.....
13	Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	3	2	1	.....	1	.....	.....	.....	.....	1	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....
15	Cancer and other malignant tumors	51	27	24	.....	.....	.....	.....	1	.....	1	1	1	.....	1	12	14	15	4	2	.....	.....
16	Tumors, nonmalignant, or of which the nature is not specified	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Chronic rheumatism and gout	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Diabetes mellitus	12	4	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	2	3	4	.....	.....	.....	.....
19	Alcoholism (acute or chronic)	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....
20	Other general diseases and chronic poisonings	4	2	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	21	10	11	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	3	7	6	3	1	.....	.....

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23	Other diseases of the nervous system and of the organs of special sense	4	2	2		1	1				2					1	1						
24	Diseases of the heart	94	54	40	1									1	3	18	13	27	20	11	1		
25	Other diseases of the circulatory system	5	3	2												1		2	1	1			
26	Bronchitis																						
27	Pneumonias	18	9	9	1	4	2			1	7				3	4	1	1	1	1			
28	Other diseases of the respiratory system (tuberculosis excepted)	1	1														1						
29	Diarrhoea and enteritis	5	4	1		3					3					2							
30	Appendicitis	2		2											2								
31	Diseases of the liver and biliary passages	5	2	3												2	2	1					
32	Other diseases of the digestive system	7	3	4		1					1			1		1	1	3					
33	Nephritis	37	23	14	2								1	1	4	4	15	3	7	2			
34	Other diseases of the genitourinary system	4	2	2											1	1			1	1			
35	Puerperal septicemia	2		2									1		1								
36	Other diseases of pregnancy, childbirth and the puerperal state	1		1											1								
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	2	2										1							1			
38	Congenital debility and malformations, premature birth and other diseases of early infancy	22	13	9	1	22					22												
39	Senility	2	1	1															1	1			
40	Suicide	9	8	1										1	1	4	2		1				
41	Homicide	1	1			1					1												
42	Violent and accidental deaths (suicide and homicide excepted)	20	14	6	1				1		1	1	5	2	3	2	2	2	1	1			
43	Cause of death not specified or ill-defined																						

Estimated population, 44,088. Total resident deaths, 375. Rate per 1,000 population, 8.5.

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TABULATION OF DEATHS IN MONMOUTH COUNTY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	2011	1057	954	228	86	11	8	1	1	107	25	46	78	121	198	281	428	457	232	38	....
1	Typhoid and paratyphoid fever	3	3	....	....	....	....	....	....	....	....	1	....	1	....	....	1	....	....	....	....	....
2	Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	Smallpox	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	Measles	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5	Scarlet fever	1	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....
6	Whooping cough	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
7	Diphtheria	1	1	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....
8	Influenza	24	9	15	5	2	....	1	....	....	3	2	1	....	5	2	3	3	3	2	....	....
9	Plague	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
10	Tuberculosis of the respiratory system	76	48	28	24	....	....	....	....	....	....	....	6	13	14	13	11	10	6	3	....	....
11	Other forms of tuberculosis	9	4	5	1	....	1	....	....	....	1	1	....	3	2	....	1	1	....	....	....	....
12	Syphilis	21	10	11	10	2	....	....	....	....	2	1	....	....	5	2	6	4	....	1	....	....
13	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
14	Other infectious and parasitic diseases	11	5	6	....	1	....	....	....	....	1	2	1	1	2	1	2	1	....	....	....	....
15	Cancer and other malignant tumors	231	95	136	12	....	....	....	....	....	....	....	....	2	3	22	40	69	60	31	4	....
16	Tumors, nonmalignant, or of which the nature is not specified	9	1	8	2	....	....	....	....	....	....	....	1	1	2	2	1	....	1	1	....	....
17	Chronic rheumatism and gout	4	2	2	....	....	....	....	....	....	....	....	....	....	....	1	....	1	1	1	....	....
18	Diabetes mellitus	58	16	42	3	....	....	....	....	....	....	....	1	....	....	4	13	25	13	2	....	....
19	Alcoholism (acute or chronic)	4	4	....	1	....	....	....	....	....	....	....	....	....	3	....	1	....	....	....	....	....	....
20	Other general diseases and chronic poisonings	25	10	15	3	2	....	....	....	....	2	3	3	1	2	3	6	3	2	....	....	....
21	Progressive locomotor ataxia and general paralysis of the insane	7	6	1	1	....	....	....	....	....	....	....	....	....	....	3	2	1	1	....	....	....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	171	78	93	18	....	....	....	....	....	....	....	....	1	2	17	24	45	58	20	4	....

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23	Other diseases of the nervous system and of the organs of special sense	40	20	20	3	4	1				5	2	3	2	2	3	6	9	2	5	1		
24	Diseases of the heart	569	315	254	54			1			1	2	2	8	17	42	82	144	162	95	14		
25	Other diseases of the circulatory system	48	31	17	1										1	5	2	9	18	12	1		
26	Bronchitis	2	1	1	1	1					1						1						
27	Pneumonias	104	64	40	14	12	3	3			18	2	4	7	8	7	8	20	21	8	1		
28	Other diseases of the respiratory system (tuberculosis excepted)	11	9	2	3									1		2	4	2		1	1		
29	Diarrhoea and enteritis	12	6	6	4	3	1	1			5		1	1	1		1	1	1	1			
30	Appendicitis	23	14	9	1							2	3	1	4	4	4	2	2	1			
31	Diseases of the liver and biliary passages	27	12	15										2	4	3	5	4	8	1			
32	Other diseases of the digestive system	45	24	21	11		1				1		2	3	5	10	10	7	4	2	1		
33	Nephritis	176	85	91	20		1				1		2	1	5	11	25	41	57	27	6		
34	Other diseases of the genitourinary system	35	23	12	3									3	1	7		7	12	5			
35	Puerperal septicemia	6		6									1	1	4								
36	Other diseases of pregnancy, childbirth and the puerperal state	5		5	1								1	2		2							
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	7	5	2		1					1			1	1	2	1		1				
38	Congenital debility and malformations, premature birth and other diseases of early infancy	58	30	28	12	57	1				58												
39	Senility	10	2	8	1												1		3	3	3		
40	Suicide	32	23	9	2									4	3	10	9	5	1				
41	Homicide	12	8	4	5								1	2	3	5	1						
42	Violent and accidental deaths (suicide and homicide excepted)	132	92	40	12		1	2	1	1	5	6	13	16	22	15	10	13	20	10	2		
43	Cause of death not specified or ill-defined	2		2		1					1							1					

Estimated population, 160,615.

Total resident deaths, 2,011.

Rate per 1,000 population, 12.5.

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TABULATION OF DEATHS IN ASBURY PARK CITY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	242	117	125	74	5	1	2	....	....	8	3	7	10	15	28	43	54	43	28	3	....
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	6	3	3	2	....	....	1	....	....	1	....	....	....	1	....	1	2	1	....	....	....
9	Plague	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
10	Tuberculosis of the respiratory system	19	12	7	11	....	....	....	....	....	....	....	2	4	3	3	3	2	1	1	....	....
11	Other forms of tuberculosis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12	Syphilis	3	1	2	2	....	....	....	....	....	....	....	....	....	3	....	....	....	....	....	....	....
13	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
14	Other infectious and parasitic diseases	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
15	Cancer and other malignant tumors	32	13	19	7	....	....	....	....	....	....	....	....	....	1	4	3	16	6	2	....	....
16	Tumors, nonmalignant, or of which the nature is not specified	2	....	2	1	....	....	....	....	....	....	....	1	....	....	1	....	....	....	....	....	....
17	Chronic rheumatism and gout	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....
18	Diabetes mellitus	4	1	3	2	....	....	....	....	....	....	....	....	....	....	....	2	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	2	2	....	1	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	23	11	12	5	....	....	....	....	....	....	....	....	....	....	3	5	7	5	3	....	....

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23	Other diseases of the nervous system and of the organs of special sense	6	2	4	1	1					1	1					2	1			1		
24	Diseases of the heart	66	27	39	15							1		2	3	5	10	14	17	12	2		
25	Other diseases of the circulatory system	2	1	1															1	1			
26	Bronchitis																						
27	Pneumonias	16	9	7	8	2					2		1	1	2	3	1	2	3	1			
28	Other diseases of the respiratory system (tuberculosis excepted)	1	1		1											1							
29	Diarrhoea and enteritis	3	1	2	2		1	1			2								1				
30	Appendicitis	2	2														1			1			
31	Diseases of the liver and biliary passages	4	2	2											1			2		1			
32	Other diseases of the digestive system	5	3	2	5								1		1	2	1						
33	Nephritis	22	10	12	7								1			1	7	4	6	3			
34	Other diseases of the genitourinary system	3	3															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	2	1	1		2					2												
39	Senility																						
40	Suicide	3	2	1	1												3						
41	Homicide	1	1		1											1							
42	Violent and accidental deaths (suicide and homicide excepted)	12	8	4	2							1	1	3		3	1	1	1	1			
43	Cause of death not specified or ill-defined																						

Estimated population, 15,800. Total resident deaths, 242. Rate per 1,000 population, 15.3.

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TABULATION OF DEATHS IN LONG BRANCH CITY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	210	128	82	26	7	2	1			10	2	6	7	13	20	32	55	44	16	5	
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	4	2	4								1		1	1		3				
11	Other forms of tuberculosis	1		1											1							
12	Syphilis	4	2	2	2													3	1			
13	Malaria																					
14	Other infectious and parasitic diseases	4	1	3								1					2	1				
15	Cancer and other malignant tumors	16	9	7	2										1	3	3	4	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	4	2	2														3	1			
19	Alcoholism (acute or chronic)	1	1		1										1							
20	Other general diseases and chronic poisonings	1		1													1					
21	Progressive locomotor ataxia and general paralysis of the insane	1	1															1				
22	Cerebral hemorrhage, cerebral embolism and thrombosis	20	15	5	2										1	2	3	6	7		1	

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23	Other diseases of the nervous system and of the organs of special sense	7	2	5		1					1		1	1		1	1	2						
24	Diseases of the heart	67	45	22	6									2	3	5	9	22	16	8	2			
25	Other diseases of the circulatory system	4	3	1	1											1			1	1				
26	Bronchitis	1		1		1					1							1						
27	Pneumonias	12	8	4	2	1		1			2		1	1	1	2		3	2					
28	Other diseases of the respiratory system (tuberculosis excepted)	1	1														1							
29	Diarrhoea and enteritis	1		1									1											
30	Appendicitis	1		1													1							
31	Diseases of the liver and biliary passages	2		2													1		1					
32	Other diseases of the digestive system	4	3	1									1			1	2							
33	Nephritis	23	14	9	4		1				1				1	1	4	2	7	6	1			
34	Other diseases of the genitourinary system	3	1	2												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	5	3	2		4	1				5													
39	Senility	1		1																				
40	Suicide	4	3	1	1														1					
41	Homicide	1	1		1									1		1		2						
42	Violent and accidental deaths (suicide and homicide excepted)	13	9	4									1	1	2	1	1	1	3	2		1		
43	Cause of death not specified or ill-defined																							

Estimated population, 19,946. Total resident deaths, 210. Rate per 1,000 population, 10.5.

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TABULATION OF DEATHS IN RED BANK BOROUGH FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	130	69	61	22	9	1	....	....	....	10	2	3	8	12	8	15	22	26	23	1	....
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	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
9	Plague	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
10	Tuberculosis of the respiratory system	7	3	4	1	....	....	....	....	....	....	....	....	3	1	1	....	....	1	1	....	....
11	Other forms of tuberculosis	2	1	1	1	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	....	....
12	Syphilis	2	1	1	1	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....
13	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
14	Other infectious and parasitic diseases	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
15	Cancer and other malignant tumors	16	11	5	1	....	....	....	....	....	....	....	....	....	....	....	2	7	4	3	....	....
16	Tumors, nonmalignant, or of which the nature is not specified	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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	....	....	....	2	....	....	....	....	....
21	Progressive locomotor ataxia and general paralysis of the insane	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	1	....	....	....	....	....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	5	....	5	....	....	....	....	....	....	....	....	....	1	....	....	1	1	1	1	....	....

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23	Other diseases of the nervous system and of the organs of special sense	1	1														1							
24	Diseases of the heart	44	24	20	6							1			2	1	5	8	13	13	1			
25	Other diseases of the circulatory system	2	2													1				1				
26	Bronchitis																							
27	Pneumonias	6	4	2	1	2					2			1				1	1	1				
28	Other diseases of the respiratory system (tuberculosis excepted)																							
29	Diarrhoea and enteritis	1		1											1									
30	Appendicitis	1		1								1												
31	Diseases of the liver and biliary passages	4		4											2			1	1					
32	Other diseases of the digestive system	8	6	2			1				1			1	1		2	1	1	1				
33	Nephritis	7	2	5	3								1		1			2	2	1				
34	Other diseases of the genitourinary system	1	1													1								
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	7	3	4	3	7					7													
39	Senility																							
40	Suicide																							
41	Homicide	1		1	1										1									
42	Violent and accidental deaths (suicide and homicide excepted)	6	4	2	2								1	1	1	1			1	1				
43	Cause of death not specified or ill-defined																							

Estimated population, 12,373. Total resident deaths, 130. Rate per 1,000 population, 10.5.

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TABULATION OF DEATHS IN MORRIS COUNTY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	1304	656	648	51	96	8	2	4	5	115	13	27	45	76	112	206	257	285	135	32	1
1	Typhoid and paratyphoid fever	2	2										1	1								
2	Typhus fever																					
3	Smallpox																					
4	Measles	4	3	1		2	1		1		4											
5	Scarlet fever	3	1	2								1	2									
6	Whooping cough	1		1		1					1											
7	Diphtheria	1		1					1		1											
8	Influenza	14	5	9										1	3	1	2	3	3	1		
9	Plague																					
10	Tuberculosis of the respiratory system	51	22	29	8	1					1		2	7	16	6	8	8	3			
11	Other forms of tuberculosis	6	1	5	1		1			1	2	1	1			2						
12	Syphilis	8	4	4	2	1				1	2					2	1	3				
13	Malaria																					
14	Other infectious and parasitic diseases	8	6	2		1			1	1	3	1	1				1	1	1			
15	Cancer and other malignant tumors	143	54	89	4							1			4	14	32	39	36	14	3	
16	Tumors, nonmalignant, or of which the nature is not specified	5	3	2													1	2	1		1	
17	Chronic rheumatism and gout	4	1	3														1		3		
18	Diabetes mellitus	34	17	17	1									2	1	1	4	17	6	3		
19	Alcoholism (acute or chronic)	2	2												1		1					
20	Other general diseases and chronic poisonings	18	8	10		3	1				4		1	1	1		4	4	2	1		
21	Progressive locomotor ataxia and general paralysis of the insane	7	5	2												4	2	1				
22	Cerebral hemorrhage, cerebral embolism and thrombosis	120	54	66	5											6	20	38	38	17	1	

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23	Other diseases of the nervous system and of the organs of special sense	25	12	13		3	2				5	2	3	2	1	1	2	5	4				
24	Diseases of the heart	331	161	170	7	1			1		2		1	1	5	29	45	79	106	56	7		
25	Other diseases of the circulatory system	28	15	13	1										2	2	2	3	7	6	6		
26	Bronchitis	1		1		1					1												
27	Pneumonias	95	51	44	4	15	3	1			19	2	1	7	12	8	13	10	13	6	4		
28	Other diseases of the respiratory system (tuberculosis excepted)	5	3	2													1	1	1	1	1		
29	Diarrhoea and enteritis	3	3			2				1	3												
30	Appendicitis	15	11	4								1	4	1	1	2	3	2	1				
31	Diseases of the liver and biliary passages	17	7	10	1									2	1	2	5	2	3	2			
32	Other diseases of the digestive system	32	16	16		2		1			3	1		1	4	5	8	2	7	1			
33	Nephritis	103	45	58	6								1	1	2	10	21	17	32	14	4		
34	Other diseases of the genitourinary system	17	10	7	1									2	2		1	4	6	1	1		
35	Puerperal septicemia	5		5										1	3	1							
36	Other diseases of pregnancy, childbirth and the puerperal state	7		7										1	4	2							
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	3	3			1					1						1		1				
38	Congenital debility and malformations, premature birth and other diseases of early infancy	60	35	25	6	60					60												
39	Senility	9	5	4														2	3	1	3		
40	Suicide	23	18	5										3	2	4	10	2	1	1			
41	Homicide	2	1	1	1									1	1								
42	Violent and accidental deaths (suicide and homicide excepted)	89	69	20	3	1				1	2	3	9	10	10	9	15	13	8	8	2		
43	Cause of death not specified or ill-defined	3	3			1					1						1						1

Estimated population, 119,243. Total resident deaths, 1,304. Rate per 1,000 population, 10.9.

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TABULATION OF DEATHS IN DOVER TOWN FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	134	71	63	2	6	....	....	....	....	6	1	4	4	8	17	23	28	28	12	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	6	1	.....	.....	....	....	....	....	.....	....	....	1	3	.....	1	2	.....	.....	.....	.....
11	Other forms of tuberculosis	.....	.....	.....	.....	.....	....	....	....	....	.....	....	....	....	....	.....	.....	.....	.....	.....	.....	.....
12	Syphilis	1	1	.....	.....	.....	....	....	....	....	.....	....	....	....	....	.....	.....	1	.....	.....	.....	.....
13	Malaria	.....	.....	.....	.....	.....	....	....	....	....	.....	....	....	....	....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	.....	.....	.....	.....	.....	....	....	....	....	.....	....	....	....	....	.....	.....	.....	.....	.....	.....	.....
15	Cancer and other malignant tumors	19	10	9	.....	.....	....	....	....	....	.....	....	....	....	....	4	3	4	6	1	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	7	1	6	.....	.....	....	....	....	....	.....	....	....	....	....	1	1	4	.....	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	8	5	3	.....	.....	....	....	....	....	.....	....	....	....	....	.....	4	1	3	.....	.....	.....

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

Estimated population, 10,103. Total resident deaths, 134. Rate per 1,000 population, 13.2.

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TABULATION OF DEATHS IN MORRISTOWN TOWN FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	210	103	107	28	19	1	2	1	1	24	....	2	11	12	14	37	49	39	16	6	....
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	10	1	9	6	.....	.....	.....	.....	.....	.....	.....	1	1	5	1	1	1	.....	.....	.....	.....
11	Other forms of tuberculosis	1	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
12	Syphilis	3	.....	3	1	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....
13	Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	1	1	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	Cancer and other malignant tumors	19	4	15	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	8	7	3	.....	.....	.....
16	Tumors, nonmalignant, or of which the nature is not specified	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Chronic rheumatism and gout	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Diabetes mellitus	3	3	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	1	.....	.....	.....	.....
19	Alcoholism (acute or chronic)	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
20	Other general diseases and chronic poisonings	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
21	Progressive locomotor ataxia and general paralysis of the insane	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	23	13	10	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	4	8	8	.....	.....	.....

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23	Other diseases of the nervous system and of the organs of special sense	1		1															1					
24	Diseases of the heart	53	24	29	1											1	2	6	17	16	11			
25	Other diseases of the circulatory system	3	2	1																1	1	1		
26	Bronchitis	1		1		1					1													
27	Pneumonias	18	9	9	1	1	1	1			3			2	1	1	2	2	4	1	2			
28	Other diseases of the respiratory system (tuberculosis excepted)	1		1																1				
29	Diarrhoea and enteritis	1	1			1					1													
30	Appendicitis	1	1																					
31	Diseases of the liver and biliary passages	5		5										1										
32	Other diseases of the digestive system	7	4	3				1			1			1	1	1	1		2					
33	Nephritis	12	7	5	4									1		1	1	5	3	3	1			
34	Other diseases of the genitourinary system	5	3	2	1									1	1				3					
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	16	11	5	2	16					16													
39	Senility	5	2	3															1	1	1	2		
40	Suicide	3	3											1		1	1							
41	Homicide	1		1	1									1										
42	Violent and accidental deaths (suicide and homicide excepted)	12	9	3	2									2	3		3	3			1			
43	Cause of death not specified or ill-defined																							

Estimated population, 16,036. Total resident deaths, 210. Rate per 1,000 population, 13.0.

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TABULATION OF DEATHS IN OCEAN COUNTY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	519	302	217	30	36	2	....	2	....	40	4	8	14	46	35	80	99	121	60	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	5	2	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	3	.....	.....
9	Plague	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	26	17	9	5	.....	.....	.....	.....	.....	.....	.....	.....	3	5	3	7	5	1	.....	.....	.....
11	Other forms of tuberculosis	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
12	Syphilis	3	3	.....	1	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....
13	Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	3	3	.....	1	.....	.....	.....	1	.....	1	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
15	Cancer and other malignant tumors	62	33	29	1	.....	.....	.....	.....	.....	.....	.....	1	.....	2	3	9	18	21	7	1	.....
16	Tumors, nonmalignant, or of which the nature is not specified	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....
17	Chronic rheumatism and gout	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Diabetes mellitus	15	5	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	7	5	.....	.....	.....
19	Alcoholism (acute or chronic)	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
20	Other general diseases and chronic poisonings	9	6	3	1	2	.....	.....	.....	.....	2	1	.....	.....	2	2	2	.....	.....	.....	.....	.....
21	Progressive locomotor ataxia and general paralysis of the insane	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	50	22	28	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	2	8	11	15	8	2	....

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23	Other diseases of the nervous system and of the organs of special sense	5	3	2	1	1				1		2				1			2						
24	Diseases of the heart	119	68	51	4											6	4	24	23	40	21	1			
25	Other diseases of the circulatory system	18	10	8	1													4	3	3	6	2			
26	Bronchitis	5	2	3															2		3				
27	Pneumonias	27	14	13	3	3	2				6	1	1	2	1	4	2	5	1	3	1				
28	Other diseases of the respiratory system (tuberculosis excepted)																								
29	Diarrhoea and enteritis	3	2	1		1					1								1	1					
30	Appendicitis	10	6	4								1	1			3	1	2	1	1					
31	Diseases of the liver and biliary passages	4	4															2	1	1					
32	Other diseases of the digestive system	13	8	5	5	2								2	5	2	1	1	1	1	1				
33	Nephritis	51	26	25	2								1		3	1	4	13	23	3	3				
34	Other diseases of the genitourinary system	6	5	1													1		2	3					
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	27	20	7	2	27					27														
39	Senility	3	2	1																1	1	1			
40	Suicide	8	6	2												3	3	1	1						
41	Homicide	1		1													1								
42	Violent and accidental deaths (suicide and homicide excepted)	39	31	8	4							1	4	4	7	7	6	5	3	1	1				
43	Cause of death not specified or ill-defined																								

Estimated population, 36,530. Total resident deaths, 519. Rate per 1,000 population, 14.2.

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TABULATION OF DEATHS IN PASSAIC COUNTY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	3019	1601	1418	100	180	22	17	18	13	250	42	96	135	170	359	544	650	522	218	33	....
1	Typhoid and paratyphoid fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
2	Typhus fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
3	Smallpox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
4	Measles	1	1	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
5	Scarlet fever	5	2	3	.....	.....	.....	.....	1	1	2	1	2	.....	.....	.....	.....	.....	.....	.....	.....	....
6	Whooping cough	2	2	.....	1	2	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
7	Diphtheria	13	3	10	.....	1	.....	1	3	2	7	4	1	.....	.....	.....	.....	.....	1	.....	.....	....
8	Influenza	58	29	29	.....	6	1	.....	.....	.....	7	1	1	6	6	10	9	8	7	3	.....	....
9	Plague	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
10	Tuberculosis of the respiratory system	153	96	57	13	1	.....	.....	.....	.....	1	.....	13	34	30	30	23	19	3	.....	.....	....
11	Other forms of tuberculosis	12	8	4	3	.....	.....	1	2	1	4	1	1	1	1	1	1	1	1	.....	.....	....
12	Syphilis	21	13	8	6	4	.....	.....	.....	.....	4	.....	.....	2	1	4	7	1	2	.....	.....	....
13	Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
14	Other infectious and parasitic diseases	19	6	13	.....	5	1	.....	1	.....	7	1	3	1	4	1	1	1	.....	.....	.....	....
15	Cancer and other malignant tumors	347	149	198	6	.....	.....	.....	.....	.....	.....	.....	4	2	5	50	100	111	55	19	1	....
16	Tumors, nonmalignant, or of which the nature is not specified	17	4	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	3	4	6	2	1	.....	.....	....
17	Chronic rheumatism and gout	6	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	2	1	1	.....	....
18	Diabetes mellitus	103	42	61	1	.....	.....	.....	.....	.....	.....	.....	1	2	2	7	29	39	17	6	.....	....
19	Alcoholism (acute or chronic)	6	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	3	2	.....	.....	.....	.....	....
20	Other general diseases and chronic poisonings	43	18	25	.....	6	.....	1	2	1	10	1	1	2	3	8	7	5	6	.....	.....	....
21	Progressive locomotor ataxia and general paralysis of the insane	11	9	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	3	3	3	1	.....	.....	....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	257	118	139	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	56	85	72	31	3	....

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23	Other diseases of the nervous system and of the organs of special sense	45	29	16	1	8	1	....	....	1	10	4	7	3	3	2	5	7	3	1	....	....
24	Diseases of the heart	735	393	342	23	1	....	1	1	1	4	3	16	12	28	72	135	179	185	88	13	....
25	Other diseases of the circulatory system	83	46	37	....	....	....	....	....	....	....	....	....	....	1	1	12	12	33	21	3	....
26	Bronchitis	8	4	4	1	....	....	....	....	....	....	....	....	....	....	....	2	3	2	1	....	....
27	Pneumonias	221	128	93	10	31	10	5	3	1	50	11	8	8	11	32	30	30	29	7	5	....
28	Other diseases of the respiratory system (tuberculosis excepted)	12	6	6	....	1	....	....	....	....	1	....	....	2	1	....	3	1	4	....	....	....
29	Diarrhoea and enteritis	20	13	7	....	5	5	1	2	....	13	2	....	1	1	....	1	1	1	....	....	....
30	Appendicitis	27	13	14	....	1	....	....	1	....	2	1	6	6	2	4	2	4	....	....	....	....
31	Diseases of the liver and biliary passages	51	24	27	....	....	....	....	....	....	....	....	....	....	2	12	10	18	9	....	....	....
32	Other diseases of the digestive system	82	50	32	2	4	2	2	1	....	9	3	2	4	8	16	16	15	8	....	1	....
33	Nephritis	218	112	106	5	....	....	....	....	1	1	....	2	6	8	33	48	46	49	23	2	....
34	Other diseases of the genitourinary system	42	25	17	3	....	....	....	....	....	....	....	....	3	6	6	5	9	10	2	1	....
35	Puerperal septicemia	13	....	13	1	....	....	....	....	....	....	....	1	11	1	....	....	....	....	....	....	....
36	Other diseases of pregnancy, childbirth and the puerperal state	13	....	13	....	....	....	....	....	....	....	....	....	6	6	1	....	....	....	....	....	....
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	9	6	3	....	....	....	....	....	1	1	....	1	....	1	1	3	1	....	....	1	....
38	Congenital debility and malformations, premature birth and other diseases of early infancy	103	61	42	4	102	....	1	....	....	103	....	....	....	....	....	....	....	....	....	....	....
39	Senility	12	6	6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	5	3	....
40	Suicide	52	41	11	1	....	....	....	....	....	....	....	2	1	6	16	9	12	6	....	....	....
41	Homicide	12	10	2	2	....	....	....	....	....	....	....	....	5	5	1	....	1	....	....	....	....
42	Violent and accidental deaths (suicide and homicide excepted)	185	125	60	6	1	2	4	1	3	11	9	24	16	22	29	18	34	12	10	....	....
43	Cause of death not specified or ill-defined	2	2	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....

Estimated population, 315,750. Total resident deaths, 3,019. Rate per 1,000 population, 9.5.

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TABULATION OF DEATHS IN CLIFTON CITY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	403	218	185	1	21	5	2	2	3	33	2	20	25	33	51	80	79	55	19	6	....
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	13	7	6	.....	2	.....	.....	.....	.....	2	.....	.....	2	3	1	1	3	1	.....	.....	.....
9	Plague	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	27	19	8	.....	.....	.....	.....	.....	.....	.....	.....	2	6	6	3	7	3	.....	.....	.....	.....
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	1	1	.....	2	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	Cancer and other malignant tumors	44	19	25	.....	.....	.....	.....	.....	.....	.....	.....	2	1	.....	8	13	11	7	1	1	.....
16	Tumors, nonmalignant, or of which the nature is not specified	5	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	1	2	.....	.....	.....	.....
17	Chronic rheumatism and gout	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
18	Diabetes mellitus	15	8	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	4	5	4	.....	.....	.....
19	Alcoholism (acute or chronic)	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....
20	Other general diseases and chronic poisonings	6	3	3	.....	.....	.....	.....	1	.....	1	.....	.....	2	.....	2	.....	.....	1	.....	.....	.....
21	Progressive locomotor ataxia and general paralysis of the insane	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	36	18	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	15	10	9	1	.....	.....

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23	Other diseases of the nervous system and of the organs of special sense	9	6	3			1				1	2	3	1		1	1						
24	Diseases of the heart	89	49	40	1	1					1		1	3	2	11	20	19	15	13	4		
25	Other diseases of the circulatory system	6	5	1													1		5				
26	Bronchitis	2		2													1	1					
27	Pneumonius	22	12	10		2	2			1	5		1	1	1	3	3	7		1			
28	Other diseases of the respiratory system (tuberculosis excepted)	1		1															1				
29	Diarrhoea and enteritis	3	2	1			2				2				1								
30	Appendicitis	5	1	4		1					1		1		1		2						
31	Diseases of the liver and biliary passages	8	3	5											1			6	1				
32	Other diseases of the digestive system	6	2	4									1				3		2				
33	Nephritis	28	16	12										2	4	5	5	4	7	1			
34	Other diseases of the genitourinary system	6	2	4										1	2	1		1	1				
35	Puerperal septicemia	1		1									1										
36	Other diseases of pregnancy, childbirth and the puerperal state	4		4										1	3								
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	12	7	5		11		1			12												
39	Senility	2		2															1	1			
40	Suicide	7	4	3									1			3		3					
41	Homicide																						
42	Violent and accidental deaths (suicide and homicide excepted)	31	26	5			1		2	3			6	4	7	7	1	3					
43	Cause of death not specified or ill-defined	2	2													2							

Estimated population, 53,346. Total resident deaths, 403. Rate per 1,000 population, 7.5.

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TABULATION OF DEATHS IN PASSAIC CITY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	570	315	255	30	28	4	....	4	4	40	4	27	35	37	84	110	113	82	36	2	....
1	Typhoid and paratyphoid fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2	Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	Smallpox	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	Measles	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5	Scarlet fever	3	1	2	....	....	....	....	1	1	2	1	....	....	....	....	....	....	....	....	....	....
6	Whooping cough	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
7	Diphtheria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
8	Influenza	9	5	4	....	1	....	....	....	....	1	....	1	2	2	1	1	....	....	1	....	....
9	Plague	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
10	Tuberculosis of the respiratory system	31	20	11	6	....	....	....	....	....	....	....	4	7	6	8	3	3	....	....	....	....
11	Other forms of tuberculosis	1	1	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....
12	Syphilis	6	6	....	3	....	....	....	....	....	....	....	....	1	....	2	2	1	....	....	....	....	....
13	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
14	Other infectious and parasitic diseases	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
15	Cancer and other malignant tumors	63	27	36	2	....	....	....	....	....	....	....	....	1	1	11	22	15	8	5	....	....
16	Tumors, nonmalignant, or of which the nature is not specified	4	2	2	....	....	....	....	....	....	....	....	....	....	1	1	1	....	1	....	....	....
17	Chronic rheumatism and gout	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
18	Diabetes mellitus	17	4	13	....	....	....	....	....	....	....	....	....	....	....	1	5	7	1	3	....	....
19	Alcoholism (acute or chronic)	3	3	....	....	....	....	....	....	....	....	....	....	....	....	1	2	....	....	....	....	....
20	Other general diseases and chronic poisonings	12	3	9	....	2	....	....	....	1	3	1	1	....	....	....	2	1	4	....	....	....
21	Progressive locomotor ataxia and general paralysis of the insane	1	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	41	16	25	2	....	....	....	....	....	....	....	....	....	....	4	10	16	9	2	....	....

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23	Other diseases of the nervous system and of the organs of special sense	11	7	4		1					1		3	1	2			3	1				
24	Diseases of the heart	150	83	67	7				1	1	2		6	2	10	13	33	33	33	18			
25	Other diseases of the circulatory system	11	5	6													5	2	4				
26	Bronchitis	2	1	1			2				2							1		1			
27	Pneumonias	35	25	10	2	4	2		2		8	1	2	1	1	10	4	4	4				
28	Other diseases of the respiratory system (tuberculosis excepted)	2		2										1				1					
29	Diarrhoea and enteritis	2	1	1			2				2												
30	Appendicitis	8	6	2									2	2	1	1		2					
31	Diseases of the liver and biliary passages	9	4	5											1	3	1	2	2				
32	Other diseases of the digestive system	14	9	5		1					1		1	1	1	5	2	1	1				
33	Nephritis	38	22	16	1								1	1	1	9	5	10	9	1	1		
34	Other diseases of the genitourinary system	9	4	5	1									2	2		3	2					
35	Puerperal septicemia	3		3										3									
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	4	3	1						1	1		1			1	1						
38	Congenital debility and malformations, premature birth and other diseases of early infancy	19	10	9		10					19												
39	Senility	5	2	3															2	2	1		
40	Suicide	11	9	2	1									1	1	2	3	2	2				
41	Homicide	4	4											2	2								
42	Violent and accidental deaths (suicide and homicide excepted)	40	31	9	3							1	5	4	5	9	5	7	1	3			
43	Cause of death not specified or ill-defined																						

Estimated population, 62,959. Total resident deaths, 570. Rate per 1,000 population, 9.0.

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TABULATION OF DEATHS IN PATERSON CITY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	1523	800	723	68	91	10	10	9	4	124	31	29	53	71	158	280	337	303	120	17	....
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	1	.....	1	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	Diphtheria	12	3	9	.....	1	.....	1	2	2	6	4	1	.....	.....	.....	.....	.....	1	.....	.....	.....
8	Influenza	25	10	15	.....	2	.....	.....	.....	.....	2	.....	2	1	2	2	7	4	6	1	.....	.....
9	Plague	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	69	46	23	7	1	.....	.....	.....	.....	1	.....	5	16	12	15	10	9	1	.....	.....	.....
11	Other forms of tuberculosis	7	5	2	2	.....	.....	.....	2	1	3	1	.....	.....	1	.....	1	.....	1	.....	.....	.....
12	Syphilis	10	6	4	3	1	.....	.....	.....	.....	1	.....	.....	1	1	2	3	.....	2	.....	.....	.....
13	Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	11	4	7	.....	1	1	.....	.....	.....	2	1	3	1	1	1	1	1	.....	.....	.....	.....
15	Cancer and other malignant tumors	191	88	103	3	.....	.....	.....	.....	.....	.....	.....	2	.....	2	18	54	70	34	11	.....	.....
16	Tumors, nonmalignant, or of which the nature is not specified	6	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	2	3	.....	.....	.....	.....	.....
17	Chronic rheumatism and gout	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....
18	Diabetes mellitus	55	23	32	1	.....	.....	.....	.....	.....	.....	.....	.....	1	2	4	16	22	7	3	.....	.....
19	Alcoholism (acute or chronic)	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
20	Other general diseases and chronic poisonings	14	8	6	.....	1	.....	.....	.....	.....	1	.....	.....	.....	1	4	5	3	.....	.....	.....	.....
21	Progressive locomotor ataxia and general paralysis of the insane	9	7	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	3	2	1	.....	.....	.....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	144	65	79	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	28	46	45	18	3	.....

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23	Other diseases of the nervous system and of the organs of special sense	17	12	5	1	5				1	6	2	1	1	1	1	1	3	1			
24	Diseases of the heart	353	179	174	15			1			1	3	5	7	12	34	62	79	104	40	6	
25	Other diseases of the circulatory system	54	26	28											1	1	4	8	21	17	2	
26	Bronchitis	2	2														1		1			
27	Pneumonias	118	63	55	8	20	6	4			30	7	2	4	6	13	16	15	20	2	3	
28	Other diseases of the respiratory system (tuberculosis excepted)	8	6	2		1					1				1		3		3			
29	Diarrhoea and enteritis	11	9	2		4		1	2		7	2		1					1			
30	Appendicitis	12	5	7					1		1	1	2	3		3		2				
31	Diseases of the liver and biliary passages	22	14	8												7	7	4	4			
32	Other diseases of the digestive system	46	31	15	2	2	1	1	1		6	2		1	5	10	9	10	2		1	
33	Nephritis	115	59	56	4								1	3	3	8	27	26	29	18		
34	Other diseases of the genitourinary system	20	14	6	2										1	4	2	5	5	2	1	
35	Puerperal septicemia	7		7	1									6	1							
36	Other diseases of pregnancy, childbirth and the puerperal state	5		5										1	3	1						
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	3	2	1											1		1	1				
38	Congenital debility and malformations, premature birth and other diseases of early infancy	49	32	17	4	49					49											
39	Senility	3	3																	2	1	
40	Suicide	27	22	5											3	9	6	5	4			
41	Homicide	6	5	1	2									1	3	1		1				
42	Violent and accidental deaths (suicide and homicide excepted)	86	47	39	3		2	2	1		5	8	6	3	7	12	9	20	10	6		
43	Cause of death not specified or ill-defined																					

Estimated Population, 139,348. Total resident deaths, 1,523. Rate per 1,000 population, 10.9.

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TABULATION OF DEATHS IN SALEM COUNTY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	436	240	196	78	32	3	....	3	....	38	4	20	23	24	34	61	75	96	57	4	....
1	Typhoid and paratyphoid fever	2	2	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....
2	Typhus fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Smallpox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Measles	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	Scarlet fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	Whooping cough	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	Diphtheria	1	1	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	Influenza	10	.....	10	1	.....	1	.....	.....	.....	1	.....	1	.....	.....	2	1	.....	4	1	.....	.....
9	Plague	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	19	10	9	7	.....	.....	.....	.....	.....	.....	.....	4	2	1	3	5	4	.....	.....	.....	.....
11	Other forms of tuberculosis	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
12	Syphilis	3	1	2	2	2	.....	.....	.....	.....	2	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
13	Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	3	3	.....	1	1	.....	.....	.....	.....	1	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....
15	Cancer and other malignant tumors	51	23	28	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	9	18	14	7	.....	.....
16	Tumors, nonmalignant, or of which the nature is not specified	3	.....	3	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	.....	.....	.....	.....
17	Chronic rheumatism and gout	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
18	Diabetes mellitus	11	4	7	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	4	3	2	.....	.....
19	Alcoholism (acute or chronic)	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....
20	Other general diseases and chronic poisonings	9	5	4	.....	1	1	.....	.....	.....	2	1	2	.....	2	.....	.....	2	.....	.....	.....	.....
21	Progressive locomotor ataxia and genera paralysis of the insane	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	38	23	15	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	4	5	11	11	6	.....	.....

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23	Other diseases of the nervous system and of the organs of special sense	5	3	2										1	1	1		1	1				
24	Diseases of the heart	110	64	46	17								2		5	3	17	19	38	24	2		
25	Other diseases of the circulatory system	12	7	5											1			1	3	5	2		
26	Bronchitis																						
27	Pneumonias	29	15	14	7	5	1		1		7	1	1	3	1	2	4	4	5	1			
28	Other diseases of the respiratory system (tuberculosis excepted)	3	1	2											1	1	1						
29	Diarrhoea and enteritis	4		4	1	1					1	1					1		1				
30	Appendicitis	6	6		1									2	1		1		2				
31	Diseases of the liver and biliary passages	1		1													1						
32	Other diseases of the digestive system	6	1	5	1										1		1	1	2	1			
33	Nephritis	34	18	16	7								1	2		5	7	7	7	5			
34	Other diseases of the genitourinary system	5	4	1													2	1	2				
35	Puerperal septicemia	5		5									1	2	2								
36	Other diseases of pregnancy, childbirth and the puerperal state	3		3										1	2								
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion																						
38	~~Congenital debility and malformations, prema-~~ ture birth and other diseases of early infancy	21	16	5	5	21					21												
39	Senility	2		2																2			
40	Suicide	2	2		1											1	1						
41	Homicide	1	1		1									1									
42	Violent and accidental deaths (suicide and homicide excepted)	30	25	5	6				1		1	1	7	7	1	4	4	1	2	2			
43	Cause of death not specified or ill-defined	1	1			1					1												

Estimated population, 36,918. Total resident deaths, 436. Rate per 1,000 population, 11.8.

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TABULATION OF DEATHS IN SOMERSET COUNTY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS															
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	715	390	325	21	42	6	3	2	4	57	6	18	20	42	64	120	150	143	82	13	....
1	Typhoid and paratyphoid fever	4	1	3	....	1	....	....	....	....	1	1	....	1	....	1	....	....	....	....	....	....
2	Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	Smallpox	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	Measles	1	1	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....
5	Scarlet fever	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....
6	Whooping cough	1	....	1	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....
7	Diphtheria	1	1	....	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....
8	Influenza	6	2	4	....	....	....	1	....	....	1	....	....	1	....	....	1	3	....	....	....	....
9	Plague	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
10	Tuberculosis of the respiratory system	26	21	5	1	....	....	....	....	....	....	....	3	5	5	6	5	2	....	....	....	....
11	Other forms of tuberculosis	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....
12	Syphilis	2	2	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....
13	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
14	Other infectious and parasitic diseases	6	3	3	....	....	....	....	....	1	1	....	....	1	1	1	1	....	1	....	....	....
15	Cancer and other malignant tumors	79	38	41	....	1	....	....	....	....	1	....	1	2	2	5	12	33	16	7	....	....
16	Tumors, nonmalignant, or of which the nature is not specified	4	2	2	....	....	....	....	....	....	....	....	....	....	1	2	1	....	....	....	....	....	....
17	Chronic rheumatism and gout	2	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....
18	Diabetes mellitus	23	12	11	2	....	....	....	....	....	....	....	....	....	....	2	3	10	7	1	....	....
19	Alcoholism (acute or chronic)	3	3	....	....	....	....	....	....	....	....	....	....	....	....	1	1	1	....	....	....	....
20	Other general diseases and chronic poisonings	8	3	5	....	....	....	....	....	....	....	....	2	2	....	1	1	2	....	....	....	....
21	Progressive locomotor ataxia and general paralysis of the insane	5	3	2	....	....	....	....	....	....	....	....	....	....	....	....	2	2	....	1	....	....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	69	32	37	2	....	....	....	....	....	....	....	....	....	....	4	21	10	18	15	1	....

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23	Other diseases of the nervous system and of the organs of special sense	10	2	8		2	1				3		1		1		1	2	2				
24	Diseases of the heart	191	92	99	6									2	7	9	34	52	46	36	5		
25	Other diseases of the circulatory system	12	5	7												2	1		6		3		
26	Bronchitis	4	2	2	1													1		2	1		
27	Pneumonias	56	30	26	2	8	4	1	1	1	15	1	2		3	7	7	7	8	5	1		
28	Other diseases of the respiratory system (tuberculosis excepted)	7	5	2	1									2			1	2		2			
29	Diarrhoea and enteritis	4	3	1		4					4												
30	Appendicitis	2	1	1									1				1						
31	Diseases of the liver and biliary passages	12	7	5	1											3	1	2	4	2			
32	Other diseases of the digestive system	15	9	6		1					1	2	1	1	2	2	2	1	2	1			
33	Nephritis	66	40	26	2										3	5	15	10	25	6	2		
34	Other diseases of the genitourinary system	4	3	1													1		3				
35	Puerperal septicemia																						
36	Other diseases of pregnancy, childbirth and the puerperal state	2		2											2								
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	1	1															1					
38	Congenital debility and malformations, premature birth and other diseases of early infancy	23	18	5	1	23					23												
39	Senility	1	1																	1			
40	Suicide	13	9	4											5	4	1	2	1				
41	Homicide	2	2		1										2								
42	Violent and accidental deaths (suicide and homicide excepted)	47	32	15	1	1		1		2	4	2	7	3	7	9	5	4	3	3			
43	Cause of death not specified or ill-defined	1	1																1				

Estimated population, 70,566. Total resident deaths, 715. Rate per 1,000 population, 10.1.

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TABULATION OF DEATHS IN SUSSEX COUNTY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	382	214	168	.....	19	7	2	4	1	33	2	7	10	18	30	55	70	85	59	13	....
1	Typhoid and paratyphoid fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
2	Typhus fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
3	Smallpox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
4	Measles	5	3	2	.....	.....	2	....	1	....	3	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
5	Scarlet fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
6	Whooping cough	4	1	3	.....	2	1	....	1	....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
7	Diphtheria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
8	Influenza	9	5	4	.....	.....	1	.....	.....	.....	1	.....	.....	1	.....	2	.....	1	2	1	1	....
9	Plague	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
10	Tuberculosis of the respiratory system	8	7	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	2	2	1	.....	.....	.....	....
11	Other forms of tuberculosis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
12	Syphilis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
13	Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
14	Other infections and parasitic diseases	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	....
15	Cancer and other malignant tumors	40	19	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	2	12	7	10	6	.....	....
16	Tumors, nonmalignant, or of which the nature is not specified	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
17	Chronic rheumatism and gout	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	....
18	Diabetes mellitus	11	8	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	2	3	2	2	.....	....
19	Alcoholism (acute or chronic)	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1	.....	.....	.....	....
20	Other general diseases and chronic poisonings	6	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	3	.....	1	1	.....	.....	....
21	Progressive locomotor ataxia and general paralysis of the insane	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	35	17	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1	11	10	9	2	....

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23	Other diseases of the nervous system and of the organs of special sense	6	5	1		1		1	1		3			1	1			1				
24	Diseases of the heart	94	54	40									1		2	3	10	23	31	18	6	
25	Other diseases of the circulatory system	6	3	3														1	3	2		
26	Bronchitis																					
27	Pneumonias	29	15	14		4	1			1	6				1	3	7	3	3	4	2	
28	Other diseases of the respiratory system (tuberculosis excepted)	2	2															1		1		
29	Diarrhoea and enteritis	1	1														1					
30	Appendicitis	2	1	1													2					
31	Diseases of the liver and biliary passages	5	4	1												2		1	2			
32	Other diseases of the digestive system	8	3	5											1	1	2	2	2			
33	Nephritis	35	16	19												2	5	7	11	9	1	
34	Other diseases of the genitourinary system	5	5															2	2	1		
35	Puerperal septicemia	1		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	11	4	7		11					11											
39	Senility																					
40	Suicide	10	7	3												3	3	3		1		
41	Homicide	3	2	1			1				1			1		1						
42	Violent and accidental deaths (suicide and homicide excepted)	35	23	12		1		1	1		3		4	4	5	1	8	1	3	5	1	
43	Cause of death not specified or ill-defined	2	2				1				1								1			

Estimated population, 28,756. Total resident deaths, 382. Rate per 1,000 population, 13.2.

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TABULATION OF DEATHS IN UNION COUNTY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	2927	1519	1408	229	172	26	13	11	7	229	51	84	130	236	348	517	576	518	211	27	....
1	Typhoid and paratyphoid fever	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	....
2	Typhus fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
3	Smallpox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
4	Measles	4	.....	4	.....	1	.....	1	.....	.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
5	Scarlet fever	3	3	.....	.....	.....	.....	.....	1	.....	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
6	Whooping cough	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
7	Diphtheria	1	.....	1	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
8	Influenza	62	26	36	5	4	1	1	1	.....	7	1	1	6	7	9	11	8	8	3	1	....
9	Plague	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
10	Tuberculosis of the respiratory system	138	77	61	23	1	.....	.....	.....	.....	1	.....	10	31	27	28	18	17	6	.....	.....	....
11	Other forms of tuberculosis	15	8	7	2	.....	.....	.....	.....	.....	.....	2	3	3	3	1	2	1	.....	.....	.....	....
12	Syphilis	15	10	5	3	2	.....	.....	.....	.....	2	.....	.....	1	1	2	4	4	1	.....	.....	....
13	Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
14	Other infections and parasitic diseases	26	13	13	4	2	2	.....	.....	1	5	.....	4	3	8	.....	3	2	.....	1	.....	....
15	Cancer and other malignant tumors	374	167	207	14	.....	.....	.....	.....	.....	.....	.....	2	4	19	52	93	105	76	23	.....	....
16	Tumors, nonmalignant, or of which the nature is not specified	12	6	6	3	.....	.....	.....	.....	.....	.....	.....	.....	2	3	4	1	1	1	.....	.....	....
17	Chronic rheumatism and gout	4	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	2	.....	.....	....
18	Diabetes mellitus	73	22	51	5	.....	.....	.....	.....	.....	.....	.....	1	2	2	5	9	29	21	3	1	....
19	Alcoholism (acute or chronic)	7	7	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	2	1	.....	.....	.....	....
20	Other general diseases and chronic poisonings	61	23	38	5	3	1	.....	1	.....	5	4	2	6	5	3	15	13	7	1	.....	....
21	Progressive locomotor ataxia and general paralysis of the insane	16	13	3	6	.....	.....	.....	.....	.....	.....	1	1	2	1	3	6	2	.....	.....	.....	....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	220	97	123	11	.....	1	.....	.....	.....	1	.....	1	.....	5	21	49	52	56	34	1	....

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23	Other diseases of the nervous system and of the organs of special sense	48	22	26	3		2				2	7	2	2	8	6	6	7	6	2		
24	Diseases of the heart	696	354	342	34	1		1		1	3	4	11	12	27	72	133	162	193	70	9	
25	Other diseases of the circulatory system	50	32	18	4			1			1		1	1	2	2	5	11	12	14	1	
26	Bronchitis	11	6	5		1					1				1	1	1	2	4	1		
27	Pneumonias	213	122	91	24	39	10	4	2		55	7	6	9	17	14	36	29	25	14	1	
28	Other diseases of the respiratory system (tuberculosis excepted)	20	9	11	2	1	1				2				4	5	5	3			1	
29	Diarrhoea and enteritis	22	13	9	3	8	3		1	1	13		2		1	1		2	2	1		
30	Appendicitis	35	22	13	2				1	1	2	4	10	2	2	7	5	2	1			
31	Diseases of the liver and biliary passages	51	29	22				1			1			1	6	7	13	14	7	2		
32	Other diseases of the digestive system	84	52	32	15	2	1	2	1		6		1	3	11	16	15	21	9	2		
33	Nephritis	198	87	111	23							1	4	3	12	25	37	44	46	22	4	
34	Other diseases of the genitourinary system	36	26	10	4				1		1		2	2	5	4	3	6	12	1		
35	Puerperal septicemia	8		8	1									4	4							
36	Other diseases of pregnancy, childbirth and the puerperal state	12		12	1									5	5	2						
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	19	7	12						1	1	2	3	4	1	2		2	4			
38	Congenital debility and malformations, premature birth and other diseases of early infancy	106	57	49	14	103	1				104	2										
39	Senility	13	5	8	1														1	5	7	
40	Suicide	55	37	18	2									5	12	14	12	7	4	1		
41	Homicide	13	8	5	3									3	3	5	1	1				
42	Violent and accidental deaths (suicide and homicide excepted)	197	151	46	10	4	1	1	2	2	10	11	17	14	30	33	32	25	14	10	1	
43	Cause of death not specified or ill-defined	7	5	2	1		1	1			2	1				1		2		1		

Estimated population, 338,518.

Total resident deaths, 2,927.

Rate per 1,000 population, 8.6.

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TABULATION OF DEATHS IN ELIZABETH CITY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	1114	608	506	77	71	15	6	4	1	97	17	35	53	104	133	201	214	191	61	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	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
8	Influenza	27	15	12	2	1	1	....	1	....	3	1	1	3	5	2	2	4	5	1	....	....
9	Plague	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
10	Tuberculosis of the respiratory system	57	34	23	11	1	....	....	....	....	1	....	5	17	11	9	7	6	1	....	....	....
11	Other forms of tuberculosis	3	2	1	1	....	....	....	....	....	....	1	1	....	1	....	....	....	....	....	....	....
12	Syphilis	2	1	1	1	1	....	....	....	....	1	....	....	....	....	1	....	....	....	....	....	....
13	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
14	Other infectious and parasitic diseases	11	5	6	1	1	2	....	....	....	3	....	1	1	3	....	2	1	....	....	....	....
15	Cancer and other malignant tumors	137	71	66	2	....	....	....	....	....	....	....	1	....	8	21	42	32	27	6	....	....
16	Tumors, nonmalignant, or of which the nature is not specified	4	....	4	1	....	....	....	....	....	....	....	....	....	1	3	....	....	....	....	....	....
17	Chronic rheumatism and gout	2	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....
18	Diabetes mellitus	28	7	21	1	....	....	....	....	....	....	....	1	....	1	1	2	13	9	1	....	....
19	Alcoholism (acute or chronic)	3	3	....	....	....	....	....	....	....	....	....	....	....	3	....	....	....	....	....	....	....
20	Other general diseases and chronic poisonings	23	11	12	2	1	1	....	1	....	3	1	1	1	4	2	4	3	3	1	....	....
21	Progressive locomotor ataxia and general paralysis of the insane	7	5	2	3	....	....	....	....	....	....	....	1	2	....	1	2	1	....	....	....	....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	97	52	45	4	....	....	....	....	....	....	....	1	....	3	9	24	24	21	15	....	....

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23	Other diseases of the nervous system and of the organs of special sense	22	11	11	1		2				2	3	1		4	3	3	3	2	1		
24	Diseases of the heart	260	135	125	9							2	4	6	11	32	47	60	72	22	4	
25	Other diseases of the circulatory system	16	9	7	1									1			3	4	3	4	1	
26	Bronchitis	3		3														1	2			
27	Pneumonias	100	61	39	11	15	5	3	2		25	4	2	4	5	8	22	16	11	3		
28	Other diseases of the respiratory system (tuberculosis excepted)	10	6	4	2	1									1	3	3	1			1	
29	Diarrhoea and enteritis	11	7	4	1	3	1				4		2		1	1		2		1		
30	Appendicitis	10	5	5								1	5	1		1	1	1				
31	Diseases of the liver and biliary passages	21	13	8				1			1				1	3	4	8	4			
32	Other diseases of the digestive system	30	20	10	4	1	1	1			3				6	7	4	7	3			
33	Nephritis	59	26	33	8							1	3	1	8	10	10	8	14	3	1	
34	Other diseases of the genitourinary system	10	9	1													1	2	7			
35	Puerperal septicemia	4		4										4								
36	Other diseases of pregnancy, childbirth and the puerperal state	6		6	1									1	4	1						
37	Diseases of the skin and cellular tissue, and of the bones and organs of locomotion	6	1	5									2	2	1				1			
38	Congenital debility and malformations, premature birth and other diseases of early infancy	46	27	19	6	44	1				45	1										
39	Senility	1		1																	1	
40	Suicide	16	9	7										2	5	4	3	2				
41	Homicide	2	1	1											1			1				
42	Violent and accidental deaths (suicide and homicide excepted)	77	59	18	3	2				1	3	2	3	7	16	11	15	12	5	3		
43	Cause of death not specified or ill-defined	2	2		1		1				1							1				

Estimated population, 120,553. Total resident deaths, 1,114. Rate per 1,000 population, 9.2.

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TABULATION OF DEATHS IN LINDEN CITY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS															
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	153	83	70	16	28	1	1	1	....	31	3	6	7	16	19	26	21	18	6	....	....
1	Typhoid and paratyphoid fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	Typhus fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Smallpox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Measles	1	.....	1	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	Scarlet fever	1	1	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	Whooping cough	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	Diphtheria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	Influenza	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....
9	Plague	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	6	5	1	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1	2	.....	1	.....	.....	.....
11	Other forms of tuberculosis	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	Syphilis	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
13	Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	1	1	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	Cancer and other malignant tumors	4	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	2	.....	.....	.....	.....	.....
16	Tumors, nonmalignant, or of which the nature is not specified	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Chronic rheumatism and gout	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Diabetes mellitus	4	.....	4	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	2	.....	.....	.....
19	Alcoholism (acute or chronic)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Other general diseases and chronic poisonings	4	1	3	1	1	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....
21	Progressive locomotor ataxia and general paralysis of the insane	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	9	3	6	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	5	2	.....	.....	.....

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

Estimated population, 25,275. Total resident deaths, 153. Rate per 1,000 population, 6.0.

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TABUALTION OF DEATHS IN PLAINFIELD CITY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS															
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	396	191	205	45	15	2	....	1	2	20	12	9	15	25	44	56	75	79	54	7	....
1	Typhoid and paratyphoid fever	2	2													2						
2	Typhus fever																					
3	Smallpox																					
4	Measles	1		1								1										
5	Scarlet fever	1	1									1										
6	Whooping cough																					
7	Diphtheria	1		1			1				1											
8	Influenza	5		5	1	1					1				1		1	1		1		
9	Plague																					
10	Tuberculosis of the respiratory system	14	7	7	4								1	2	2	7		1	1			
11	Other forms of tuberculosis	1	1									1										
12	Syphilis	1	1															1				
13	Malaria																					
14	Other infectious and parasitic diseases	2	1	1						1	1									1		
15	Cancer and other malignant tumors	46	20	26	5									2	1	5	9	14	9	6		
16	Tumors, nonmalignant, or of which the nature is not specified	2		2	1										1	1						
17	Chronic rheumatism and gout	1		1															1			
18	Diabetes mellitus	7	3	4	1									1		1	2	2		1		
19	Alcoholism (acute or chronic)	1	1												1							
20	Other general diseases and chronic poisonings	7	2	5	1	1					1	2		2			1	1				
21	Progressive locomotor ataxia and general paralysis of the insane	3	3		1												2	1				
22	Cerebral hemorrhage, cerebral embolism and thrombosis	29	9	20	4										1	3	5	5	9	6		

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23	Other diseases of the nervous system and of the organs of special sense	4		4								1		1	1					1			
24	Diseases of the heart	112	51	61	10								3	1	5	6	22	25	29	20	1		
25	Other diseases of the circulatory system	7	3	4														1	1	5			
26	Bronchitis	4	4			1					1								2	1			
27	Pneumonias	26	12	14	2	2					2	1			4	3	1	4	5	3	1		
28	Other diseases of the respiratory system (tuberculosis excepted)	2	1	1											1			1					
29	Diarrhoea and enteritis	2		2		1					1								1				
30	Appendicitis	7	5	2	2					1	1		1	1		2	2						
31	Diseases of the liver and biliary passages	7	3	4											2			3	1	1			
32	Other diseases of the digestive system	13	6	7	4									1	2	3	2	3	2				
33	Nephritis	34	15	19	4											4	6	8	10	4	2		
34	Other diseases of the genitourinary system	7	7						1		1				1		1		4				
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	1	1									1											
38	Congenital debility and malformations, premature birth and other diseases of early infancy	10	8	2	3	9					9	1											
39	Senility	2	1	1																2			
40	Suicide	8	4	4	1									2	1	2		1	2				
41	Homicide	2	2												1		1						
42	Violent and accidental deaths (suicide and homicide excepted)	22	17	5	1	1					1	3	4	1		5	1	2	2	3			
43	Cause of death not specified or ill-defined	1		1														1					

Estimated population, 26,554. Total resident deaths, 396. Rate per 1,000 population, 10.8.

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TABULATION OF DEATHS IN RAHWAY CITY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	200	103	97	9	9	....	....	....	1	10	2	5	8	13	21	32	49	43	12	5	....
1	Typhoid and paratyphoid fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2	Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	Smallpox	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	Measles	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5	Scarlet fever	1	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....
6	Whooping cough	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
7	Diphtheria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
8	Influenza	10	4	6	....	2	....	....	....	....	2	....	....	....	....	2	3	1	1	....	1	....
9	Plague	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
10	Tuberculosis of the respiratory system	7	5	2	1	....	....	....	....	....	....	....	....	2	....	2	1	2	....	....	....	....
11	Other forms of tuberculosis	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....
12	Syphilis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
14	Other infectious and parasitic diseases	1	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....
15	Cancer and other malignant tumors	29	9	20	1	....	....	....	....	....	....	....	....	....	1	3	5	11	7	2	....	....
16	Tumors, nonmalignant, or of which the nature is not specified	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
17	Chronic rheumatism and gout	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
18	Diabetes mellitus	5	3	2	....	....	....	....	....	....	....	....	....	....	....	1	1	3	....	....	....	....	....
19	Alcoholism (acute or chronic)	1	1	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....
20	Other general diseases and chronic poisonings	7	4	3	....	....	....	....	....	....	....	....	1	1	....	....	2	2	1	....	....	....
21	Progressive locomotor ataxia and general paralysis of the insane	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	22	11	11	....	....	....	....	....	....	....	....	....	....	....	3	2	4	10	3	....	....

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23	Other diseases of the nervous system and of the organs of special sense	4	2	2														3	1				
24	Diseases of the heart	42	21	21	2											3	3	7	12	16	1		
25	Other diseases of the circulatory system	2	2		1															2			
26	Bronchitis	1	1															1					
27	Pneumonias	7	5	2								1	1		2	1		1		1			
28	Other diseases of the respiratory system (tuberculosis excepted)																						
29	Diarrhoea and enteritis	2	2			1				1	2												
30	Appendicitis																						
31	Diseases of the liver and biliary passages	5	1	4										1	1	1	2						
32	Other diseases of the digestive system	6	3	3											1	1	1	2	1				
33	Nephritis	15	7	8	2											1	2	5	3	4			
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	6	2	4	1	6					6												
39	Senility	4	3	1																1	3		
40	Suicide	3	3												1	1	1						
41	Homicide	1		1										1									
42	Violent and accidental deaths (suicide and homicide excepted)	13	12	1									3		3		2	3	1		1		
43	Cause of death not specified or ill-defined	1	1													1							

Estimated population, 17,587. Total resident deaths, 200. Rate per 1,000 population, 11.3.

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TABULATION OF DEATHS IN SUMMIT CITY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Male	Total	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 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	132	50	82	10	4	....	1	....	....	5	2	4	5	7	13	22	32	26	16	....	....
1	Typhoid and paratyphoid fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2	Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	Smallpox	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	Measles	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5	Scarlet fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
6	Whooping cough	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
7	Diphtheria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	1	1	....	....	....
8	Influenza	5	3	2	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....
9	Plague	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
10	Tuberculosis of the respiratory system	3	....	3	....	....	....	....	....	....	....	....	....	....	1	....	....	....	2	....	....	....
11	Other forms of tuberculosis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12	Syphilis	1	....	1	1	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....
13	Malaria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
14	Other infectious and parasitic diseases	2	1	1	1	....	....	....	....	....	....	....	1	....	1	....	2	5	8	5	4	....
15	Cancer and other malignant tumors	24	7	17	2	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....
16	Tumors, nonmalignant, or of which the nature is not specified	2	2	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....
17	Chronic rheumatism and gout	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
18	Diabetes mellitus	3	1	2	....	....	....	....	....	....	....	....	....	....	....	....	....	1	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	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	10	....	10	....	....	....	....	....	....	....	....	....	....	....	1	1	1	3	5	....	....

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

Estimated population, 15,944. Total resident deaths, 132. Rate per 1,000 population, 8.2.

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TABULATION OF DEATHS IN WESTFIELD TOWN FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	151	69	82	17	12	....	....	1	....	13	5	3	7	7	15	36	31	27	7	....	....
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	6	1	5	2	.....	.....	.....	.....	.....	.....	.....	.....	2	2	.....	1	.....	1	.....	.....	.....
11	Other forms of tuberculosis	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
12	Syphilis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	Cancer and other malignant tumors	25	13	12	1	.....	.....	.....	.....	.....	.....	.....	.....	1	1	4	5	6	8	.....	.....	.....
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	5	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	1	.....	.....	.....
19	Alcoholism (acute or chronic)	1	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	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	7	2	5	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	3	1	1	.....	.....

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23	Other diseases of the nervous system and of the organs of special sense	3	1	2														1	1	1				
24	Diseases of the heart	41	14	27	3							1	2			3	10	8	12	5				
25	Other diseases of the circulatory system																							
26	Bronchitis																							
27	Pneumonias	10	4	6	3	5					5						1	3	1					
28	Other diseases of the respiratory system (tuberculosis excepted)	2	1	1											1	1								
29	Diarrhoea and enteritis																							
30	Appendicitis	4	3	1					1		1		1			1	1							
31	Diseases of the liver and biliary passages	2	2														1	1						
32	Other diseases of the digestive system	6	4	2	2												2	3	1					
33	Nephritis	8	4	4	2												5	2	1					
34	Other diseases of the genitourinary system	1	1		1													1						
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	2	2									1				1								
38	Congenital debility and malformations, premature birth and other diseases of early infancy	6	2	4	1	6					6													
39	Senility																							
40	Suicide	6	3	3										1	1	2	1	1						
41	Homicide																							
42	Violent and accidental deaths (suicide and homicide excepted)	8	7	1		1					1			1	2	1	2			1				
43	Cause of death not specified or ill-defined																							

Estimated population, 17,936.

Total resident deaths, 151.

Rate per 1,000 population, 8.4.

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TABULATION OF DEATHS IN WARREN COUNTY FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	648	353	295	4	37	8	5	3	....	53	5	10	23	30	53	100	114	167	78	15	....
1	Typhoid and paratyphoid fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	Typhus fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Smallpox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Measles	1	.....	1	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	Scarlet fever	3	2	1	.....	1	1	.....	.....	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	Whooping cough	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	Diphtheria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	Influenza	11	4	7	.....	1	.....	.....	.....	.....	1	.....	.....	2	.....	2	2	2	.....	2	.....	.....
9	Plague	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	23	13	10	1	.....	.....	.....	.....	.....	.....	.....	1	5	4	5	3	5	.....	.....	.....	.....
11	Other forms of tuberculosis	2	1	1	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
12	Syphilis	4	2	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	1	.....	.....	.....	.....
13	Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious and parasitic diseases	4	2	2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	1	.....	1	.....	.....	.....
15	Cancer and other malignant tumors	68	30	38	.....	.....	.....	.....	.....	.....	.....	.....	2	1	2	7	11	15	21	8	1	.....
16	Tumors, nonmalignant, or of which the nature is not specified	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
17	Chronic rheumatism and gout	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Diabetes mellitus	19	7	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	4	7	7	.....	.....	.....
19	Alcoholism (acute or chronic)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Other general diseases and chronic poisonings	5	3	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	.....	.....	1	.....	.....	.....
21	Progressive locomotor ataxia and general paralysis of the insane	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....
22	Cerebral hemorrhage, cerebral embolism and thrombosis	57	26	31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	3	6	16	18	11	2	....

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23	Other diseases of the nervous system and of the organs of special sense	7	7			1	1				2			1	3				1			
24	Diseases of the heart	177	97	80									1	3	4	7	38	28	60	31	5	
25	Other diseases of the circulatory system	17	13	4											1	1	1	2	8	4		
26	Bronchitis	4	1	3								1				2				1		
27	Pneumonias	38	23	15	2	7	5		1		13	1			1	2	6	3	8	4		
28	Other diseases of the respiratory system (tuberculosis excepted)	4	3	1				1			1					1	1				1	
29	Diarrhœa and enteritis	7	6	1		3		1	1		5		1		1							
30	Appendicitis	8	3	5									1	1	2	2		2				
31	Diseases of the liver and biliary passages	5	4	1													1	1	3			
32	Other diseases of the digestive system	21	12	9				1			1		1		1	4	4	4	5	1		
33	Nephritis	64	32	32										1	2		15	15	18	10	03	
34	Other diseases of the genitourinary system	12	8	4		1					1				1	3		1	5	1		
35	Puerperal septicemia	1		1											1							
36	Other diseases of pregnancy, childbirth and the puerperal state	4		4										2	1	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	21	10	11		21					21											
39	Senility	3		3																		
40	Suicide	9	8	1										2		1		3	3			
41	Homicide	1	1											1								
42	Violent and accidental deaths (suicide and homicide excepted)	42	30	12			1	2			3	1	2	2	4	5	7	7	5	4	2	
43	Cause of death not specified or ill-defined	1	1						1		1											

Estimated population, 50,671. Total resident deaths, 648. Rate per 1,000 population, 12.7.

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TABULATION OF DEATHS IN PHILLIPSBURG TOWN FOR 1933, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	Total	Male	Female	Color, if other than white	AGE PERIODS																
						Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
	ALL CAUSES	216	104	112	1	16	2	2	2	....	22	2	4	11	8	22	35	36	49	22	5	....
1	Typhoid and paratyphoid fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	Typhus fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Smallpox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Measles	1	.....	1	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	Scarlet fever	2	1	1	.....	.....	1	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	Whooping cough	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	Diphtheria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	Influenza	2	.....	2	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
9	Plague	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Tuberculosis of the respiratory system	13	7	6	1	.....	.....	.....	.....	.....	.....	.....	1	3	2	2	1	4	.....	.....	.....	.....
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	20	5	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	3	4	4	6	1	.....	.....
16	Tumors, nonmalignant, or of which the nature is not specified	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Chronic rheumatism and gout	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Diabetes mellitus	6	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	3	.....	.....	.....
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	16	7	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	1	9	2	1	....

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23	Other diseases of the nervous system and of the organs of special sense	1	1												1							
24	Diseases of the heart	50	24	26										2		2	15	10	9	10	2	
25	Other diseases of the circulatory system	7	6	1												1	1		4	1		
26	Bronchitis	1		1								1										
27	Pneumonias	13	10	3		3	1		1		5					1	1	1	4	1		
28	Other diseases of the respiratory system (tuberculosis excepted)	2	1	1				1			1						1					
29	Diarrhoea and enteritis	2	2			1					1				1							
30	Appendicitis																					
31	Diseases of the liver and biliary passages	3	3														1	1	1			
32	Other diseases of the digestive system	9	6	3									1			3	1	3	1			
33	Nephritis	29	9	20										1	1		6	6	9	4	2	
34	Other diseases of the genitourinary system	6	2	4		1					1				1	2			2			
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	2	2										1					1				
38	Congenital debility and malformations, premature birth and other diseases of early infancy	8	3	5		8					8											
39	Senility	1		1															1			
40	Suicide	3	2	1										1				2				
41	Homicide	1	1											1								
42	Violent and accidental deaths (suicide and homicide excepted)	11	7	4				1			1		1			4	1	1		3		
43	Cause of death not specified or ill-defined	1	1						1		1											

Estimated population, 19,993. Total resident deaths, 216. Rate per 1,000 population, 10.8.

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