

SIXTY-SEVENTH ANNUAL REPORT

OF THE

Department of Health

OF THE

STATE OF NEW JERSEY

1944



MacCrellich & Quigley Co
Printers
Trenton, New Jersey

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TABLE OF CONTENTS

SIXTY-SEVENTH ANNUAL REPORT OF THE DEPARTMENT OF HEALTH OF THE STATE OF NEW JERSEY, 1944

	PAGE
Report of the Director of Health	7
Report of Chief of Bureau of Administration	13
Report of Health Education Service	25
Report of Chief of Bureau of Local Health Administration	27
Report of Consultant to Negro Health Program	49
Report of Tuberculosis Control Program	55
Report of Chief of Bureau of Venereal Disease Control	57
Report of Chief of Bureau of Dental Health	63
Report of Chief of Bureau of Industrial Health	71
Report of Veterinarian-in-Charge of Rabies Control Program	75
Report of Chief of Bureau of Engineering and Sanitation	79
Report of Chief of Bureau of Food and Drugs	83
Report of Chief of Bureau of Bacteriology	97
Report of Chief of Bureau of Chemistry	107
Report of Consultant to Bureau of Maternal and Child Health	111
Report of Chief of Bureau of Vital Statistics	117

Department of Health of the State of New Jersey

JAMES M. CARLISLE, M.D., <i>President</i>	Westfield
LOUIS P. BOOZ, C.E., <i>Vice-President</i>	Perth Amboy
WALTER G. ALEXANDER, M.D.....	Orange
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JOHN V. BISHOP.....	Columbus
MARTIN H. COLLIER, M.D.....	Grenloch
PERCY N. DANIELS, C.E.....	Trenton
ROBERT P. FISCHELIS, Phar. D.....	Trenton
MISS MARGARET L. MACNAUGHTON.....	Jersey City
FRANK J. OSBORNE.....	East Orange
CLARENCE J. SCHWEIKHARDT, D.D.S.....	Maplewood
E. W. SMILLIE, V.M.D.....	Princeton

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

EDMUND R. OUTCALT, *Deputy Secretary*

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

STATE OF NEW JERSEY,
DEPARTMENT OF HEALTH,
TRENTON, N. J., August 16, 1944.

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, 1944.

JAMES M. CARLISLE, M.D.,
President,
State Department of Health.

STATE OF NEW JERSEY,
DEPARTMENT OF HEALTH,
TRENTON, N. J., August 16, 1944.

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, 1944. The reports of the Bureau Chiefs will give comprehensive accounts of the activities of the eleven Bureaus and other sub-divisions of the Department during the year.

Respectfully submitted,

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

Report of the Director of Health

By J. LYNN MAHAFFEY, M.D.

The Department continued during 1943-1944 to apply its resources toward the promotion and preservation of the public health, and exerted its efforts principally in the fields which have a definite relation to the prosecution of the war. It has endeavored to profit by the experience gained as a result of mass physical examinations of men and women who have been examined for service in the armed forces, and is expanding those activities which aim at the prevention of physical handicaps which present public health problems. Particular stress has been placed upon the health of workers in war industries, vigilance has been exercised to keep communicable diseases from transmission into military reservations, special problems have been encountered in maintaining healthful standards of food and water, and it has been necessary to attack situations which have brought about insanitary conditions in the State. The incidence of some communicable diseases has increased somewhat during the present fiscal year, probably due to the abnormal movement of population, but no disease has become dangerously prevalent in epidemic proportions.

The activities of the State Department of Health have greatly expanded during the past few years and several specialized programs in preventable disease control have developed to a stage where they have become individual units in the Department. At the Department's meeting of February 8, 1944, it was on motion voted to create a Bureau of Preventable Disease Control, in which would be concentrated and co-ordinated all work in relation to the control of preventable diseases conducted by the State Department of Health. It was decided that the projected Bureau need not be activated at present, because of personnel shortages and other wartime difficulties, but that a framework for the Bureau's activities should be provided, into which could be fitted such plans as might be agreed upon at the time of activation and implementation. An advisory committee for the Preventable Disease Control Program has been appointed for the purpose of studying the subject.

DEPARTMENT OF HEALTH

RESTRICTION OF DISEASE

Several of the reportable diseases showed an increase during the calendar year 1943. Influenza, measles (epidemic cerebrospinal), and pneumonia case reports showed increases over the preceding year. On the other hand, diphtheria case reports established a new low annual figure of 155 during 1943. Poliomyelitis (acute anterior) was less prevalent than in any year since 1940. Typhoid fever cases in 1943 also reached the lowest annual figure ever recorded in this State. Reported cases of whooping cough also showed a decrease. Statistics on these and other reportable diseases may be found in the report of the Bureau of Local Health Administration.

In the year ending June 30, 1944, 53 cases of canine rabies were reported, as against 111 in the previous fiscal year. One case of human rabies was reported, resulting in the death of the infected individual.

TUBERCULOSIS CONTROL PROGRAM

The newly established Tuberculosis Control Program has acquired during the past fiscal year a central office of administration, its own photofluorographic unit and a developing room. With these facilities, it has been possible to proceed with the mass X-ray examinations of industrial workers with increased efficiency. Both management and labor have recognized the value of the mass X-ray examinations, with the result that so many requests for surveys have been received that difficulty is being experienced in complying with the applications because of limited personnel and equipment.

VENEREAL DISEASE

A new plan for providing penicillin and hospitalization for cases of early syphilis and gonorrhea has given new impetus to the venereal disease control program. The release of limited supplies of penicillin for the treatment of syphilis and gonorrhea in civilians has prompted formation of a plan whereby this Department offers to supply penicillin and to pay for the hospitalization of certain types of cases among the medically indigent. Further details of the aforesaid plan may be found in the report of the Bureau of Venereal Disease Control. It is believed that the rapidity and efficiency with which such cases may be treated with the new drug will have far-reaching effects in the control of the venereal diseases.

The Department has continued its program of co-operation with the military authorities and Selective Service on many matters pertaining to venereal disease control. Problems connected with the discharge of men from the services are already being anticipated, and plans are being made for their solution.

REPORT OF THE DIRECTOR OF HEALTH

9

The regular program of case finding and case holding, clinic operation and education has been continued during the fiscal year.

NEW DENTAL HEALTH ACTIVITIES

New impetus has been given to interest in dental health activities in this State by the realization that dental defects have proved to be alarmingly prevalent among the thousands of men examined for military service. This fact, and the necessity for preserving the health of the home front, have enabled the Department's Bureau of Dental Health to secure gratifying co-operation from many State and local health, welfare and educational agencies. Thus, it has been possible to add several new activities to the Bureau's program, a list of which may be found at the end of the report of the Bureau of Dental Health. Of particular interest is the completion of plans for a new mobile dental clinic, which it is hoped will make the Bureau's program in rural areas increasingly effective.

As the result of a recent survey of dental conditions among school children in several areas of the State, it was learned that school children of six communities in South Jersey have better teeth than children in twenty-six North Jersey communities. This is attributed to the fact that the fluorine content of certain public water supplies in South Jersey is between 1 and 2.4 parts per million, whereas in the North Jersey areas, the public water supplies contain relatively little or no fluorine.

BUREAU OF INDUSTRIAL HEALTH

On March 14, 1944, the Bureau of Industrial Health was established by the State Board of Health to succeed the former Industrial Hygiene Service. A significant indication of the growing acceptance which the services of this Bureau are meeting can be found in the fact that during the past fiscal year, forty-eight per cent of plant visits by its personnel were made at the request of the industrial interests themselves. The program of services offered by this Bureau has been broadened and strengthened, and is proving increasingly effective in contributing toward the health and well-being of industrial workers throughout the State during this wartime period when unusual demands are made upon the individual.

NATIONAL AWARD MADE TO NEGRO HEALTH PROGRAM

In March, 1944, the United States Public Health Service through Roscoe C. Brown, M.D., Senior Health Education Specialist, National Negro Health Movement, awarded the All-American Trophy for the best 1943 Health Week and Year-Round Program in the Nation to the Negro Health Program of this Department.

DEPARTMENT OF HEALTH

FOOD, DRUGS AND COSMETICS

Wartime conditions have increased difficulties in maintaining high standards for foods, drugs and cosmetics. Shortages of skilled workers, raw materials and equipment, brought about by the war, have contributed to these difficulties. The personnel of the Department's Bureau of Food and Drugs has made every effort to cope with the situation, and it is felt that their vigilance has contributed in a substantial measure towards the maintenance of the health of both the military and the civilian population of New Jersey.

An interesting account of particular problems arising in this field during the past fiscal year may be found in the report of the Bureau of Food and Drugs.

MATERNAL AND CHILD HEALTH

The maternal and infant mortality rates in New Jersey remain low, despite the increased birth rate and the decrease in available medical and nursing personnel. The maternal mortality rate, in fact, during the calendar year 1943, was the lowest ever recorded in this State.

During the past fiscal year, the Bureau of Maternal and Child Health has continued its administration of the Emergency Maternity and Infant Care Program for the obstetrical care of wives and pediatric care of infants of men in the armed forces. Nearly half a million dollars has been appropriated, and authorized cases for maternity care have increased to one thousand a month. Authorized care for sick infants under this program has averaged about one hundred cases a month. The E. M. I. C. Program has become one of the major wartime projects under the supervision of the Department.

VITAL RECORDS

The demand for birth certificates decreased somewhat during the calendar year 1943, employment in war plants having attained its peak. On the other hand, there was an increase of more than 100% in the issuance of certificates as proof for dependency allotments, and for claims against the Government due to the death of men in the armed forces.

CONCLUSION

The Department has carried out its responsibilities during the year in spite of handicaps produced by the loss of technically trained personnel and scattered, congested working quarters. Federal subsidies have increased during recent years from \$300,000 to over \$1,500,000 per annum and the personnel from 200 to nearly 600 full-time and part-time employees. The

REPORT OF THE DIRECTOR OF HEALTH

11

expansion of the office and laboratory space has not been adequate to accommodate such growth properly. The offices of the various bureaus are scattered throughout the city of Trenton and the laboratories are housed in three office buildings which are widely separated. Proper co-ordination of activity and the elimination of lost motion are almost impossible under such conditions and the need for a single building is obvious.

The State Department of Health extends its appreciation for the co-operation and assistance received from the various agencies with which it has been associated during 1943-1944. From the U. S. Public Health Service at the national level down through the boards of health of the municipalities and the unofficial agencies interested in the public health, the spirit of service during this period of emergency has demonstrated very clearly that this Democracy is alert to its problems in health conservation and is ready to solve them as they appear.

Report of Bureau of Administration

For the Year Ending June 30, 1944

By EDMUND R. OUTCALT, *Chief*

The State Department of Health at its meeting held on July 13, 1943, elected James R. Carlisle, M.D., as President, and at its meeting of September 14, 1943, elected Louis P. Booz, C.E., as Vice-President, for the fiscal year ending June 30, 1944.

Mr. Frank J. Osborne of East Orange was appointed to membership on the Board by the Governor and confirmed by the Senate on April 12, 1943, for the four-year term expiring June 30, 1947. The following were reappointed by the Governor on March 15, 1943, to membership on the Board for the same term: Walter G. Alexander, M.D., of Orange, confirmed by the Senate on March 29, 1943; Robert P. Fischelis, Phar. D., of Trenton, confirmed by the Senate on August 12, 1943.

At the Department's meeting of July 13, 1943, Leverett D. Bristol, B.S., M.D., Dr. P.H., of Montclair, New Jersey, was elected Director of Health for the four-year period ending June 30, 1947. At the Department's meeting of September 14, 1943, it was reported that Dr. Bristol had not accepted the office. Accordingly, another election for Director of Health was held. As a result, J. Lynn Mahaffey, M.D., of Haddonfield, New Jersey, was unanimously elected Director of Health of the State of New Jersey for the four-year period ending June 30, 1947.

At the meeting of September 14, 1943, the following committees were appointed by the President to serve during the year:

Budget Committee: Dr. Fischelis, Chairman; Dr. Smillie; Miss MacNaughton; Mr. Daniels.

Legislative Committee: Dr. Alexander, Chairman; Mr. Booz; Mr. Bishop; Dr. Collier; Dr. Schweikhardt.

Organization and Salaries of Personnel: Miss MacNaughton, Chairman; Mr. Daniels; Dr. Smillie; Mr. Booz; Dr. Fischelis.

DEPARTMENT OF HEALTH

Dental Committee: Dr. Schweikhardt, Chairman; Dr. Baker; Mr. Bishop; Dr. Collier.

Tuberculosis Committee: Dr. Collier, Chairman; Mr. Osborne; Dr. Alexander; Dr. Baker.

Nursing Committee: Dr. Alexander, Chairman; Dr. Baker, Miss MacNaughton.

Milk Committee: Mr. Bishop, Chairman; Mr. Booz; Mr. Daniels; Dr. Smillie; Mr. Osborne.

Industrial Hygiene Committee: Dr. Smillie, Chairman; Mr. Daniels; Mr. Osborne; Mr. Booz.

War Activities Committee: Dr. Fischelis, Chairman; Dr. Collier; Mr. Daniels; Dr. Schweikhardt.

The following Board members were appointed to serve as Advisory Members to certain activities of the Department as follows:

Education and Publicity: Dr. Schweikhardt.

Bureau of Engineering: Mr. Daniels, Mr. Booz.

Bureau of Food and Drugs: Drugs, Dr. Fischelis; Milk, Mr. Bishop.

Bureau of Local Health Administration: Mr. Osborne.

Bureau of Maternal and Child Health: Miss MacNaughton and Dr. Baker.

Negro Health Program: Dr. Alexander.

Rabies Control Unit: Dr. Smillie.

Sanitary Shellfish Control: Mr. Booz.

At the Department's meeting of October 11, 1943, Dr. Fischelis was appointed Advisory Member to the Bureau of Chemistry. At the same meeting it was on motion voted to replace the Industrial Hygiene Committee named at the September meeting by an Advisory Member. It was agreed that Dr. Carlisle should serve in that capacity.

At the meeting of December 14, 1943, the President appointed the following Advisory Committee for the proposed Preventable Disease Control Program: Dr. Collier, Dr. Alexander, Dr. Baker and Mr. Osborne.

BUREAU OF ADMINISTRATION

15

BOARD OF EXAMINERS AND EXAMINATIONS

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

At the meeting of February 8, 1944, Patrick J. Monaghan, Newark; James J. Hagan, Jersey City; Samuel L. Salasin, M.D., Atlantic City; together with John E. Bacon, C. K. Blanchard and L. M. Lounsbery, D.V.M., of the State Department of Health were appointed as members of the Board of Examiners of Health Officers and Inspectors for the ensuing year. The Board re-organized by the election of Samuel L. Salasin, M.D., as President and John E. Bacon as Secretary.

During the year there were filed with the Department 103 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, 21; Sanitary Inspector, First Class, 10; Sanitary Inspector, Second Class, 8; Sanitary Inspector, Third Class, 2; Plumbing Inspector, 25; Veterinary Meat Inspector, 3; Food and Drug Inspector, Lay Meat Inspector and Milk Inspector, none.

ANNUAL CONFERENCE

The 34th Annual Conference of State and Local Health Officials of New Jersey was held in the State House, Trenton, on February 25, 1944. The program of the Conference follows:

Morning Session, 10:30 A. M.

Problems in Licensing Boarding Homes for Children.	Julius Levy, M.D., and Miss Mary Sullivan, State Department of Health.
	Andrew J. Krog, Plainfield; Alphonsus L. Mohan, Fort Lee.
Discussion.	
Newer Aspects of Venereal Disease Control.	Glenn S. Usher, M.D., Chief, Bureau of Venereal Disease Control.

DEPARTMENT OF HEALTH

The following bills were introduced in the Legislature, but had not become laws at the time this report was submitted:

S-42, *Barton*. To make dermatitis venenata an occupational disease under the Workmen's Compensation Act.

S-44, *Barton*. To provide an elective and permissive system of compensation for silicosis and asbestosis under the Workmen's Compensation Act.

S-58, *Summerill*. To give local boards of health authority to regulate the heat in certain residences occupied by two families in the same manner now granted with reference to larger apartment houses.

S-67, *Pierson*. To establish a program within the State for the study and treatment of cancer.

S-68, *Pierson*. To permit marriage by proxy where one person is in military or naval service and outside continental United States.

S-108, *Summerill*. To permit the State Department of Health to adopt regulations and standards established by the Federal Security Administration with reference to the Food and Drug Act.

S-109, *Summerill*. To fix penalties for first and subsequent violations of food and drug law.

S-189, *Eastwood*. To require private nursing homes and hospitals to declare financial ability and necessary qualifications before being licensed by State Department of Institutions and Agencies.

S-199, *Summerill*. To authorize the State Department of Health and local boards of health to require an examination to be made in suspected cases and known contacts with cases of communicable diseases.

S-247, *Summerill*. To forbid persons or corporations from maintaining polluted water supplies for domestic or potable use; regulates disposal of refuse; fixes penalties.

S-254, *Summerill*. To give certain concurrent powers to the State and local boards in efforts to control venereal diseases.

A-117, *Fleming*. To create the office of Medical Examiner in third-class counties.

A-268, *Fleming*. To require municipal police to canvass all unlicensed dogs within municipality and to report to municipal clerk and local and State health departments; to eliminate necessity for municipalities to forward monthly information to State Department of Health covering data on dogs licensed.

A-279, *Howell*. To include silicosis, asbestosis and dermatitis as compensable occupational diseases under the Workmen's Compensation Act.

A-296, *Artaserse*. To regulate the manufacture and sale of bedding and upholstery.

BUREAU OF ADMINISTRATION

19

APPROPRIATIONS

During the fiscal year ending June 30, 1944, there was appropriated through State and Federal sources to the New Jersey State Health Department the sum of \$2,156,126.24.

The State Legislature appropriated \$651,041.42 and the following sums were received from the Federal government:

Social Security Act, Title V (U. S. Children's Bureau)	\$108,309.67
Emergency Maternity and Infant Care Program (U. S. Children's Bureau)	976,869.05
Social Security Act, Title VI (U. S. P. H. S.)	243,263.58
Venereal Disease Control Act (U. S. P. H. S.)	176,642.52
	<hr/>
Total Federal Funds	\$1,505,084.82

In addition to the foregoing appropriations, \$79,060.46 was received from dog registration fees, \$19,745.71 of which was used for rabies control. In accordance with the provisions of Chap. 151, P. L. 1941, the sum of \$27,724.02 was transferred to the General Fund of the State from the revenue received from this source.

STATEMENT OF REVENUE OF THE DEPARTMENT OF HEALTH OF THE STATE OF NEW JERSEY
FOR THE YEAR ENDING JUNE 30, 1944

<i>Source</i>	<i>Amount</i>
Analyses of Water Samples	\$754.00
Audiometer Rental	190.00
Laboratory Receipts	74.22
Licenses—Cold Storage	470.00
" Goat Milk	110.00
" Ice Cream	5,515.00
" Milk Plant	16,575.00
" Narcotics	260.00
" Sewage and Water Plant Operators	4,392.60
Penalties, Violations Food and Drug Laws	9,183.83
" Dog Control Act	450.00
Searches of Vital Certificates	39,489.82
	<hr/>
Total Revenue Transmitted to the State Treasury	\$77,464.47

STATEMENT OF EXPENDITURES OF THE DEPARTMENT OF HEALTH OF THE
STATE OF NEW JERSEY FOR THE YEAR ENDING JUNE 30, 1944

STATE FUNDS

CENTRAL ADMINISTRATION BUREAUS

	<i>Adminis- tration</i>	<i>Bacteri- ology</i>	<i>Chemistry</i>	<i>Dental Health</i>	<i>Engineer- ing and Sanitation</i>	<i>Food and Drugs</i>	<i>Local Health</i>	<i>Negro Health</i>	<i>Vital Statistics</i>	<i>Totals</i>
Salaries	\$28,238.19	\$36,458.80	\$22,197.67	\$28,991.68	\$39,767.12	\$54,170.65	\$41,067.31	\$7,579.92	\$43,398.01	\$301,869.35
War adjustment (Bonus)	597.23	1,238.10	692.39	174.73	1,187.76	1,849.15	978.15	273.60	1,430.32	8,421.43
Laboratory supplies		16,899.49	2,238.73			541.59				19,679.81
Laboratory receipts		26.82								26.82
Anti-pneumonia sera							282.68			282.68
Biological assays						18.00				18.00
Diphtheria & smallpox vaccine ..							3,390.23			3,390.23
Whooping cough immunization ..							5,948.12			5,948.12
Typhoid vaccine							15.88			15.88
Stationery & office supplies	2,532.02					498.74	118.41			3,149.17
Auto maintenance	217.90				1,206.81	187.85	632.51			2,245.07
Engineering supplies					744.08					744.08
Dental health education material ..				916.74						916.74
Other materials and supplies ...	20.24	13.50	35.95		52.18		15.00			136.87
Inspectors' supplies						4.53				4.53
Travel	1,901.67	96.54	98.63	441.96	2,328.85	9,387.09	1,145.36	1,143.58	27.27	16,570.95
Insurance	238.80			67.33	42.65	784.66				1,175.94
Printing	3,245.22	1,542.17	145.24		856.19	474.92	493.69	99.63	2,582.34	9,439.40
Binding									724.51	724.51
Rental of tabulating machines ..							588.00		708.00	1,296.00
Rents (offices)				640.00				480.00		1,120.00
Rents (garages)	61.00						214.50			1,079.01
Court expenses						178.42				344.57
Maintenance of dental trailer (incl. purchase of new trailer)				10,568.11						10,568.11
Other miscellaneous expenses ..	16,059.90	1,063.20	77.80	64.01	49.79		43.27	35.00	17.87	17,410.84
Maintenance of boats & plants ..						2,265.34				2,265.34
Laboratory equipment		459.50								459.50
Totals	\$53,112.17	\$57,798.12	\$25,486.41	\$41,864.56	\$46,833.85	\$70,732.18	\$54,975.61	\$9,611.73	\$48,888.32	\$409,302.95

BUREAU OF ADMINISTRATION

21

STATEMENT OF EXPENDITURES OF THE DEPARTMENT OF HEALTH
OF THE STATE OF NEW JERSEY FOR THE YEAR ENDING

JUNE 30, 1944

STATE FUNDS

APPROPRIATIONS FOR SPECIFIC PURPOSES

	<i>Veneral Disease Control</i>	<i>Maternal and Child Health</i>	<i>Industrial Health</i>	<i>Totals</i>
Salaries	\$15,157.17	\$91,928.06	\$7,442.32	\$114,527.55
War adjustment	490.39	5,063.36	231.17	5,784.92
Laboratory supplies, drugs and biologicals	4,894.64	.....	.....	4,894.64
Stationery and office supplies	286.75	1,255.51	244.42	1,786.68
Travel	1,023.32	12,566.88	2,677.48	16,267.68
Printing	1,035.29	457.16	981.91	2,474.36
Miscellaneous expenses	321.76	332.29	.....	654.05
Rent (office) .....	.....	.....	1,560.00	1,560.00
Laboratory equipment and installation .....	.....	.....	2,024.15	2,024.15
Baby station supplies and silver nitrate .....	.....	566.46	.....	566.46
<i>Totals</i>	<u>\$23,209.32</u>	<u>\$112,169.72</u>	<u>\$15,161.45</u>	<u>\$150,540.49</u>

TOTAL EXPENDITURES FROM STATE FUNDS

Central administration bureaus	\$409,302.95
Appropriations for specific purposes	150,540.49
<i>Total</i>	<u>\$559,843.44</u>

DEPARTMENT OF HEALTH

STATEMENT OF EXPENDITURES OF THE DEPARTMENT OF HEALTH
OF THE STATE OF NEW JERSEY FOR THE YEAR ENDING

June 30, 1944

FEDERAL FUNDS

<i>Project</i>	<i>Salaries</i>	<i>Travel</i>	<i>Materials, Supplies and Services</i>	<i>Total Expenditures</i>
<i>Title VI, Social Security Act</i>				
Bureau of Administration	\$14,202.70	\$779.73	\$8,481.50	\$23,463.93
Bureau of Bacteriology	25,455.66	.....	242.51	25,698.17
Bureau of Chemistry	12,827.48	.....	1,398.48	14,225.96
Bureau of Dental Health	10,622.06	660.61	2,986.05	14,268.72
Bureau of Engineering and Sanitation	19,688.21	1,081.46	2,125.37	22,895.04
Bureau of Food and Drugs	14,822.29	4,524.89	3,180.40	22,527.58
Bureau of Local Health Administration	10,253.68	1,693.99	4,264.58	16,212.25
Atlantic, Cape May State Health District	2,763.62	29.76	227.53	3,020.91
Bergen, Passaic State Health District..	3,174.00	295.37	163.86	3,633.23
Burlington State Health District	7,823.53	1,794.62	459.17	10,077.32
Camden, Salem, Gloucester, Cumberland State Health District	5,757.73	1,028.23	463.63	7,249.59
Monmouth, Ocean and Part of Middlesex State Health District	3,174.00	367.58	107.40	3,648.98
Somerset, Hunterdon, Middlesex, Camp Kilmer State Health District	4,027.97	892.49	408.46	5,328.92
Sussex, Warren, Morris State Health District	5,036.88	986.97	839.45	6,863.30
Fort Dix Regional Health District ...	4,784.25	634.59	410.07	5,828.91
Gloucester City Area	1,880.51	107.28	.....	1,987.79
Bureau of Vital Statistics	7,634.73	57.24	2,035.74	9,727.71
Bureau of Industrial Health .....	.....	631.07	2,953.15	3,584.22
In Service Field Orientation .....	.....	.....	1,000.00	1,000.00
Tuberculosis Control Unit	588.00	350.33	6,360.55	7,298.88
Training .....	.....	.....	2,000.00	2,000.00
<i>Total Expenditures—Title VI, Social Security Act</i>	<i>\$154,517.30</i>	<i>\$15,916.21</i>	<i>\$40,107.90</i>	<i>\$210,541.41</i>

BUREAU OF ADMINISTRATION

23

STATEMENT OF EXPENDITURES OF THE DEPARTMENT OF HEALTH
OF THE STATE OF NEW JERSEY FOR THE YEAR ENDING

JUNE 30, 1944—Continued

FEDERAL FUNDS

<i>Project</i>	<i>Salaries</i>	<i>Travel</i>	<i>Materials, Supplies and Services</i>	<i>Total Expendi- tures</i>
<i>Venereal Disease Control Act</i>				
Bureau of Administration	\$42.25	.....	.....	\$42.25
Bureau of Bacteriology	3,932.64	.....	\$5,999.87	9,932.51
Bureau of Venereal Disease Control..	75,824.09	\$8,166.47	66,832.49	150,823.05
Training of Personnel .....	.....	.....	75.00	75.00
In-Service Field Orientation .....	.....	207.86	200.00	407.86
<i>Total Expenditures—Venereal Dis- ease Control Act</i>	<u>\$79,798.98</u>	<u>\$8,374.33</u>	<u>\$73,107.36</u>	<u>\$161,280.67</u>
<i>Title V, Social Security Act</i>				
<i>Total Expenditures—Maternal and Child Health</i>	<u>\$77,448.65</u>	<u>\$8,485.12</u>	<u>\$478,233.71</u>	<u>\$564,167.48</u>
<i>Total Federal Funds Expended ...</i>	<u>\$311,764.93</u>	<u>\$32,775.66</u>	<u>\$591,448.97</u>	<u>\$935,989.56</u>

COMBINED EXPENDITURES—STATE AND FEDERAL FUNDS

Salaries (and War Adjustment)—

State			\$430,603.25	
Federal: Title VI—Social Security Act	\$154,517.30			
Venereal Disease Control Act	79,798.98			
Title V—Social Security Act (Mater- nal and Child Health)	77,448.65			
			<u>311,764.93</u>	
				\$742,368.18

Other Expenses—

State			\$129,240.19	
Federal: Title VI—Social Security Act	\$56,024.11			
Venereal Disease Control Act	81,481.69			
Title V—Social Security Act (Mater- nal and Child Health)	486,718.83			
			<u>624,224.63</u>	
				753,464.82

Total Expended—State and Federal Funds \$1,495,833.00
Expended for Rabies Control from Dog Registration Fees 19,745.71

Health Education Service

EDWIN C. LANIGAN, *Publicity Assistant*

Specific phases of public health education were somewhat curtailed during the fiscal year ending June 30, 1944. Restriction of automobile travel and discontinuance temporarily of the services of an exhibit manager necessarily resulted in fewer State-supervised motion picture showings to school and club audiences. However, despite man-power shortages an arrangement was made for the servicing and mailing of health and hygiene films by the State Museum, a stopgap which has worked out quite satisfactorily.

Interest of municipal health officials, institutional staff members and private organizations in health education was reflected in the participation of some 50 men and women as guest speakers on Departmental programs over Stations WTTM, Trenton, and WAAE, Newark.

Loaning its radio time to the Essex County Dental Society for 13 weeks, the dental officials expressed satisfaction for this co-operative move on the part of the State Health Department.

Public Health News, the accredited bulletin of the Department, was issued six times during the fiscal year, in accordance with a legislative mandate that the Director shall communicate periodically with the municipal health officials as to the state of the health of the people. New Jersey's 294 newspapers were most generous in accepting news releases sponsored by the Service, which also supervised the Department's annual exhibit at the New Jersey State Fair in September, 1943. "Office, Field and Lab," a house organ, was prepared by the Service, with Departmental employees scattered at distant military outposts maintaining contact with the Department home-front.

Report of the Bureau of Local Health Administration

For the Year Ending June 30, 1944

By WILLIAM H. MACDONALD, *Chief*

Reports of cases of the 36 reportable diseases received from local boards of health during the year reached a total of 162,868 with 4,725 deaths. In 1942, the number was 69,900 with 3,933 deaths. Over 139,000 of the cases reported in 1943 were chickenpox, measles, German measles and mumps.

Diphtheria case reports established a new low annual figure of 155. The lowest previous figure was 163 in 1942. Twelve deaths were recorded, seven more than in 1942.

Influenza case reports numbered 1,329 against 439 in 1942. Deaths from this disease were 344, the highest figure since 1937.

Measles was highly prevalent during the year with 45,074 cases reported. In only one year (1941) since this disease has been reportable has a greater number been reached. Twenty-four deaths were recorded, 18 of which were in children less than five years old.

Meningitis (epidemic cerebrospinal) reports reached the highest figure ever recorded in the State. There were 892 cases reported, 229 of which were reported by military posts. Deaths numbered 126.

Pneumonia was somewhat more prevalent than in the previous five years. Case reports numbered 5,422 with 2,167 deaths against 4,429 cases and 1,726 deaths in 1942. Three hundred and fifty-three of the deaths occurred in children below one year of age.

Poliomyelitis, acute anterior, was less prevalent than in any year since 1940. Only 85 cases with 10 deaths were recorded.

Tuberculosis case reports totaled 3,868, slightly lower than the 1942 figure. The number of deaths recorded was 1,913 against 1,855 in 1942.

Typhoid fever case reports dropped from 69 in 1942 to 57 in 1943. The latter is the lowest annual figure ever recorded in this State. The number of deaths was 5, the same as in 1942.

Whooping cough showed 7,459 cases and 38 deaths recorded. Twenty-seven of the deaths were in infants under one year of age and 11 in children between one and five years.

DEPARTMENT OF HEALTH

ANTHRAX

Eight cases of this disease were reported in 1943. All these cases were in persons employed in industrial plants where raw hides or wool were processed. None of the cases was fatal.

MALARIA

During 1943, there were reported 20 cases of malaria. Sixteen of these cases were in military personnel who were infected outside of New Jersey. The remaining four cases were in civilians, three of whom were not infected in New Jersey. No data as to the probable place of infection for the fourth civilian case was secured.

ROCKY MOUNTAIN SPOTTED FEVER

In 1943, reports of 16 cases of Rocky Mountain spotted fever were received. Two of the cases died. In the preceding year there were 14 cases with 2 deaths. The 1943 cases were distributed by counties as follows: Atlantic 1, Camden 4, Cape May 2, Essex 2, Gloucester 1, Monmouth 4, Ocean 1, and Union 1.

Vaccine for protective inoculations, obtained as usual from the United States Public Health Service, was furnished to physicians upon request.

TULAREMIA

Only two cases of this disease were reported in 1943, 1 in Salem County and 1 in Cape May County. Both cases followed the handling of local wild rabbits.

TRICHINOSIS

Thirty cases with 2 deaths from this disease were recorded in 1943. In practically all instances, case histories showed that raw or undercooked pork or pork-products had been eaten prior to illness.

UNDULANT FEVER

The number of reported cases of undulant fever increased markedly from 47 in 1942 to 71 in 1943. Cases were reported in every county except Cape May. The highest number in any county was 10 in Morris.

Case histories were obtained either by a representative of the Bureau or by a local health official. These histories showed that 35 of the patients were regular users of raw milk; 16 used both raw and pasteurized milk; 6 used

LOCAL HEALTH ADMINISTRATION

pasteurized milk regularly but occasionally used milk of unknown kind; 11 are said to have used pasteurized milk exclusively and in 3 cases no definite information as to the use of milk was obtained. It appears, therefore, that at least 71% of the cases used raw milk. Fourteen of the cases presented occupational opportunities for infection, the patients being farmers or dairymen (11), butcher (1), veterinarian (1), and employee of a hog farm (1).

INVESTIGATIONS OF COMMUNICABLE DISEASES

For the Year Ending June 30, 1944

During the fiscal year ending June 30, 1944, employees of the Bureau investigated 431 cases of reportable diseases, exclusive of tuberculosis. These cases were divided by diseases as follows:

Anthrax	1	Poliomyelitis	20
Chickenpox	26	Rocky Mt. spotted fever	21
Diphtheria	12	Rabies (human)	1
Dysentery	33	Scarlet fever	107
Malaria	9	Streptococcic sore throat	1
Measles	24	Trichinosis	4
Mumps	1	Tularemia	1
Meningitis, epidemic cerebrospinal ..	75	Typhoid fever	40
Paratyphoid fever	3	Undulant fever	52

In addition to the cases listed above, investigations were made of 6 outbreaks of gastro-enteritis, mentioned below:

<i>Municipality</i>	<i>No. of Cases</i>	<i>Vector or Suspected Vector of Infection</i>
Frankford Township	23	Potato salad
Perth Amboy City	42	Egg salad sandwiches
Princeton Borough	230	Roast beef
Franklin Borough	5	Cream pie
Highlands Borough	4	Cream-filled pastry

Five other outbreaks of gastro-enteritis were reported to the Bureau by local health officials, as shown below:

<i>Municipality</i>	<i>No. of Cases</i>	<i>Vector or Suspected Vector of Infection</i>
Atlantic City	10	Hard-shell crabs
Atlantic City	250	Meat hash
Long Branch City	101	Egg salad sandwiches
Orange City	14	Chopped ham salad
Englewood City	19	Chicken aspice

DAIRY PREMISES

During the fiscal year cases of communicable diseases were reported on 18 dairy premises. The diseases reported were scarlet fever 24 cases, tuberculosis 3, and typhoid fever 1. The daily amount of milk production on the

DEPARTMENT OF HEALTH

18 dairies was 6,285 quarts. In all instances it was possible to institute adequate precautionary measures to protect the milk from infection so that it was not necessary to interrupt the sale of the product.

TYPHOID CARRIERS

At the close of the fiscal year 84 persons were recorded in the files of the Department as carriers of typhoid bacilli. Seven were withdrawn from the list during the year; three by death, two by removal from the State, and two after a series of negative specimens following surgical treatment and in accord with the policy adopted by the State Board of Health on May 11, 1943. Three persons were added to the list of carriers. Two were discovered as a result of investigation of cases of typhoid fever and the other person moved to this State from another State.

TOXOID AND VACCINE

Diphtheria toxoid (alum precipitated), diphtheria toxoid (Ramon) and smallpox vaccine were distributed as usual through 60 stations about the State.

Reports received during the year show the toxoid distributed free by the Department was administered to 19,243 children and that 27,350 persons were vaccinated against smallpox with the State's material.

OTHER BIOLOGICS

Funds were made available after July 1, 1943, by act of Legislature for the purchase and distribution of whooping cough vaccine and typhoid bacterin. As promptly as practical a supply of both diphtheria toxoid-pertussis vaccine, combined, and whooping cough vaccine was placed in the distributing stations through which other biologics were made available. The amounts of these materials sent to stations during the remainder of the fiscal year were 4,100 packages of the combined material and 1,800 packages of the whooping cough vaccine. Reports received showed 7,176 children were given the combined material during the year and 1,058 children the whooping cough vaccine.

Typhoid vaccine equivalent to 5,957 5 c. c. packages was distributed during the year. This material was procured through credit for outdated pneumonia serum on hand. A large part of this material was used in labor camps and institutions.

Pneumonia serum for the treatment of patients financially unable to pay for the material was furnished during the year although requests for the ma-

LOCAL HEALTH ADMINISTRATION

31

terial were relatively few. The firm from which serum was purchased decided at the beginning of the fiscal year that no exchange of outdated material could be made. Accordingly, no serum was stocked during the year at any stations, dependence being placed upon special delivery mail or special messenger for delivery of serum in each case arising. Serum for 27 cases was furnished including Type I, 8 cases; Type II, 2 cases; Type III, 7 cases; Type IV, 1 case; Type VII, 2 cases; Type VIII, 3 cases; Type XVII, 1 case; Type XXIII, 1 case; Type XXVI, 1 case; Type XXXIII, 1 case. Typing serum was also furnished to approved laboratories in the State.

AID IN VENEREAL DISEASE CONTROL

The District Health Officers were successful in having continued 20 groups of local boards of health chiefly in small boroughs and townships to pool funds for the operation of local venereal disease clinics with aid from the State Health Department. One hundred forty-two boards of health were included in these groups for the operation of 20 clinics. The local expenditures for this purpose by these groups for the calendar year of 1943 were about \$8,500.

At the district office at Mt. Holly, at Mays Landing and at Dover, four public health nurses assigned the Bureau of Local Health Administration gave the major part of their time to venereal disease control activities. Cases were investigated at clinics, patients delinquent in treatment were followed up as well as known contacts and probable or known sources of infection. During the year these four public health nurses made 972 visits upon patients delinquent in venereal disease treatment and 641 visits upon persons reported as contacts or probable sources of infection.

TUBERCULOSIS AND INDUCTION BOARDS

During the year military induction boards continued to report to this Department the names and addresses of persons examined at such stations and deferred from military service with evidence suggestive of tuberculosis. Each such person was referred in turn to local agencies through district health officers or directly for follow-up to urge the individual to secure more complete examination to determine the presence or absence of tuberculosis, either in an active or arrested stage.

Request was made that the finding in such later examination be reported to this Department on special forms provided for the purpose. In addition to clerical work and office work involved, employees in district health offices made 371 visits to such deferred persons usually after local agencies had been unsuccessful in having the individual undergo the examination requested.

DEPARTMENT OF HEALTH

Since the names of draftees deferred from military service with signs of tuberculosis were first made available to this Department up to June 30, 1944, a total of 5,568 persons considered as suspected tuberculosis cases has been listed. The results of the follow-up of these cases during the entire period and the final classification of the case wherever possible are given in the following table. This reveals that 1,117 of the suspected cases were classified after more complete examination as active cases of tuberculosis.

CLASSIFICATION BASED UPON FOLLOW-UP EXAMINATIONS OF 5,568 PERSONS RECORDED AS DEFERRED FROM MILITARY SERVICE WITH EVIDENCE SUGGESTIVE OF TUBERCULOSIS

1. Active tuberculosis			
(a) Pulmonary	1110		
(b) Non-pulmonary	7		
	—	1117	
2. Arrested tuberculosis			
(a) Pulmonary	2369		
(b) Non-pulmonary	52		
	—	2421	
		—	3538
3. Pathology other than tuberculosis		294	
4. No apparent pathology		409	
5. In military service when followed up		89	
6. Residing out of New Jersey and so referred		533	
7. Deceased during investigation		17	
8. Not located in follow-up		208	
		—	1550
9. Under investigation:			
(a) Previously reported by local boards of health as tuberculosis	62		
(b) Not previously reported by local Boards of Health as tuberculosis		418	
		—	480
		—	—
			5568
			===

TUBERCULOSIS IN INDUSTRIAL PLANTS

Names and addresses of workers found to show evidence suggestive of tuberculosis in X-ray screening examination of employees in industrial plants by the mobile unit sponsored by the Department were referred to the Bureau of Local Health Administration for follow-up. In this work there was continued the general plan previously followed of referring such persons to their family physician, and to local agencies through district health offices or directly in instances in which the name of a family physician was not available or report of follow-up examination by the family physician was not received.

LOCAL HEALTH ADMINISTRATION

During the year ending June 30, 1944, there were referred to the Bureau the names of 484 persons found to show evidence suggestive of tuberculosis in the X-ray screening examination of 31,831 employees at 16 industrial plants in 10 counties. The status of the follow-up of these 484 persons as of June 30, 1944, was as follows:

CLASSIFICATION BASED UPON FOLLOW-UP EXAMINATIONS OF 484 PERSONS REFERRED AS SHOWING EVIDENCE SUGGESTIVE OF TUBERCULOSIS IN X-RAY SCREENING EXAMINATIONS IN INDUSTRY DURING THE YEAR ENDING JUNE 30, 1944

1. Number cases tuberculosis, active	31	
2. Number cases tuberculosis, arrested	145	
3. Pathology other than tuberculosis	53	
4. No apparent pathology	65	
5. Not located in follow-up	9	
6. Deceased or residents of other States	14	
7. Still under investigation	167	
		484

In addition to following up suspected cases discovered in the industrial surveys made during the year ending June 30, 1944, work was also continued on the follow-up of suspected cases discovered in such surveys previously conducted. In order to show a complete picture of the result of this work since its inception there is attached a table containing a summary up to June 30, 1944. (See page 34.)

In addition to suspected tuberculosis cases referred to this Bureau by induction stations and by the Department's mobile unit working in industries, the unit also made X-ray screening examinations of 1,413 persons not in any particular industrial group and from which 54 persons were referred as tuberculous suspects.

Up to June 30, 1944, the follow-up of these persons resulted in classifying 3 as cases of active tuberculosis and 6 as cases of arrested tuberculosis. Two were classified as "Pathology other than Tuberculosis" and 43 were still under investigation.

FORT DIX REGIONAL HEALTH UNIT

Change was made during the year in the administrative plan of the health unit operating about Fort Dix. Dr. A. L. Chapman of the United States Public Health Service, who had been directing the field work of the unit, was withdrawn from New Jersey and Mr. Ralph Fisher was appointed as District Health Officer in the Burlington County area. The regional office at Wrightstown was discontinued and the unit merged with the personnel operating from the district office at Mt. Holly.

CLASSIFICATION BASED UPON FOLLOW-UP EXAMINATIONS OF 1,197 PERSONS REFERRED AS SHOWING EVIDENCE SUGGESTIVE OF TUBERCULOSIS IN X-RAY SCREENING EXAMINATIONS IN INDUSTRY SINCE THIS WORK WAS BEGUN BY THE STATE HEALTH DEPARTMENT TO JUNE 30, 1944

County	Number Plants	Number Persons X-rayed	Number Referred for Follow-up	Classification of Persons from Reports of Later Examinations					* Excluded from Classification	Under Investigation
				Active TB	Arrested TB	Pathology Other Than TB	No Pathology	Not Located		
Bergen	2	3,697	36	4	13	6	6	0	0	7
Burlington	3	2,270	32	3	15	3	1	2	0	8
Camden	1	29,703	377	39	124	29	20	26	8	131
Cumberland	2	2,380	17	1	4	0	0	0	0	12
Essex	5	15,544	265	16	78	16	19	3	6	127
Hudson	2	3,017	45	10	16	5	7	1	0	6
Hunterdon	1	1,156	11	2	5	1	2	0	1	0
Middlesex	3	4,798	75	5	25	17	12	1	0	15
Monmouth	1	10,767	153	10	48	5	25	5	8	52
Morris	1	958	10	0	2	3	3	0	1	1
Salem	2	2,674	26	2	8	5	3	3	1	4
Somerset	3	4,740	91	4	37	23	14	1	2	10
Union	2	4,075	55	5	12	11	11	0	3	13
Warren	1	756	4	0	0	1	0	0	3	0
Totals	29	86,535	1,197	101	387	125	123	42	33	386

* Includes deceased, removal from New Jersey before later examination, etc.

LOCAL HEALTH ADMINISTRATION

35

CAMP KILMER

The district office at Highland Park was continued and the force increased to consist of a clerk and two sanitary inspectors, in addition to the district health officer. A sanitarian assigned by the United States Public Health Service also was included in the personnel from this office.

INSPECTION OF FOOD-VENDING ESTABLISHMENTS

In the areas about Fort Dix and Camp Kilmer frequent inspection is made by employees assigned by the Bureau of places offering food or drink for sale to the public. Inspections of such places are also made to a limited degree in small towns and in rural areas. During the year a total of 8,003 inspections of this type were made. As a check on dishwashing methods, swabs from utensils in a few eating places in the Fort Dix and Camp Kilmer areas were collected on alternate weeks and submitted to the laboratory of the Department for determination of total bacteria.

CAMP INSPECTIONS

Summer recreational camps are not required to obtain licenses in New Jersey at the present time, nor to register with the State Department of Health. However, a list of 274 camps has been compiled and inspections are made annually or oftener at such camps to check on compliance with the public health laws regulating sanitation. Consultation service is also provided for camp proprietors who wish advice on improving and safeguarding their camps.

During the 1943 camping season many camps were closed due to the war. Inspection was made of 150 camps for children found operating that summer. Of this number, 65 were issued certificates of approval for sanitary safeguards of a high standard of excellence. Some of the camps not awarded certificates were good camps in most respects but failed to reach the standard fixed as a basis of approval.

Violations and other insanitary conditions usually are corrected when called to the attention of camp authorities, but the proprietors of one commercialized camp were cited to appear at a hearing at Trenton before compliance with regulations was secured.

MIGRATORY LABOR

Temporary housing of seasonal agricultural labor on farms and in connection with food processing plants continues to be an extensive problem from the standpoint of sanitation. In Monmouth County, in accordance with ar

agreement previously worked out, joint inspection with representatives of local boards of health was made at farm labor camps before the potato season. Recommendations were made at the time of such inspections for improvement in conditions. Conferences were held with leaders of farm groups and representatives of the State Agricultural Extension Service. Conferences were also held with several food processors maintaining camps and with representatives of the War Food Administration. The State Police visited many of the farm labor camps and submitted to this Department copies of routine reports of observations at such camps. Inspection was made at such camps to the extent practical by persons assigned by the Bureau. Improvement was noted in conditions at several of the larger camps maintained by food processors; however, at smaller farm camps inspected the degree of improvement was limited.

PRIVATE WATER SUPPLIES

Laboratory tests of water collected from private wells and springs, and from some lakes and streams used as bathing places, were reported upon by this Bureau. About half these samples were collected by district health officers or inspectors (349 of 731 samples). Of these 731 samples, 370, or 50.5%, were found to be safe for drinking and household use; 267, or 36.5%, were unsafe, and 68, or 9.3%, were of doubtful safety. The remaining 26 samples were from streams, lakes or pools used for bathing purposes. A considerable number of the unsafe samples were check samples from supplies found to be polluted and on which work had been done, unsuccessfully, to improve the supply. Of the 178 polluted supplies on which local boards of health were asked to report steps taken to safeguard the public, 97 satisfactory replies were received.

TRAINING COURSES

Training courses in public health were held by Rutgers University and the State Department of Health, as for many years past. They consisted of the usual summer courses, held two days a week for six weeks, and winter courses, usually held Wednesday evenings and Saturday afternoons at New Brunswick.

Only three winter courses were held this year, owing to wartime restrictions. Starting in October, a basic course for sanitarians gave 20 clock-hours' training to 24 employees of local boards of health. In February, a different type of course was offered, consisting of a series of six two-hour lectures on tropical diseases. This was held in Newark, for transportation convenience, and was attended by 250 physicians, laboratory workers and public health

LOCAL HEALTH ADMINISTRATION

37

officials. The lectures were delivered by Arthur W. Grace, M.D., of the Long Island College of Medicine, a physician experienced both in tropical medicine and in teaching. This course of lectures was most favorably received and notes on the lectures were later published and distributed to members of the medical and public health professions in New Jersey.

A companion course in the parasitology of these diseases, conducted at New Brunswick by Dr. Thurlow Nelson and Dr. Lester Stauber of Rutgers University, was attended by 49 of those who enrolled for Dr. Grace's lectures. Many who could not be accommodated in the parasitology course for lack of room and microscopes, were promised a similar course in the Autumn of 1944.

The summer courses in Public Health Administration provided 141 clock-hours of lectures, laboratory work, field trips and demonstrations for 26 students. Seven of these completed the two-summer curriculum in August, 1943, and received the Rutgers Certificate in Public Health Administration.

LOCAL BOARDS OF HEALTH

Information obtained from annual reports of local boards of health for the calendar year 1943 shows that these boards had available for their use in that year \$2,879,300.36, which is equivalent to 69 cents per capita for the State as a whole. The amount expended during the year was \$2,763,063.19. Some boards receive and expend funds for hospital maintenance and a few also spend money for garbage and rubbish removal. The amount reported as expended for these purposes in 1943, included in the total expenditure of \$2,763,063.19, was \$122,577.39.

OTHER WORK

Services rendered and work performed by the Bureau during the fiscal year included other activities not specifically referred to above. Some of these may be summarized as follows:

Number of conferences with local health officials on questions pertaining to public health	4,658
Number of conferences with persons other than local health officials	7,579
Number of meetings of local boards of health attended	87
Number of other meetings attended	406
Number of lectures given in summer courses for health officials	55
Number of lectures given in special courses for health officials	20
Number of other talks or lectures given, or papers read	56
Number of persons given immunizing treatments or aid given in such treatments	306
Number of specimens collected from individuals, either by employees of the Bureau or with their aid, to be examined for pathogenic bacteria	549
Number of other specimens and samples collected for laboratory examination ...	1,073
Number of instances aid given in diagnosis of suspected communicable disease case	10

DEPARTMENT OF HEALTH

Appended to this report are morbidity and mortality tables showing for the State and for each county, the number of reported cases and deaths and other data for each reportable disease for the year 1943. Such case and death rates as are shown were calculated by using population estimates for 1943 furnished by the United States Bureau of the Census.

REPORTED CASES AND DEATHS, CASE AND DEATH RATES FOR CERTAIN REPORTABLE DISEASES FOR 1943

DISEASE	Cases	Cases Per 100,000 Pop.	Deaths	Deaths Per 100,000 Pop.	Per Cent Fatality
Chickenpox	21,810	532.99	1	0.02	0.004
Diphtheria	155	3.78	12	0.29	7.74
Influenza	1,329	32.48	344	8.40	25.88
Pneumonia	5,422	152.50	2,167	52.95	39.96
Measles	892	21.80	126	3.08	14.12
German Measles	45,074	1,101.51	24	0.58	0.05
Poliomyelitis, Acute Anterior	51,220	1,251.71	3	0.07	0.005
Scarlet Fever	85	2.07	10	0.24	11.76
Rocky Mountain Spotted Fever	4,080	99.70	12	0.29	0.29
Tuberculosis	16	0.39	2	0.05	12.50
Typhoid Fever	3,868	94.52	1,913	46.75	49.45
Whooping Cough	57	1.39	5	0.12	8.77
	7,459	182.28	38	0.93	0.51

CASES AND DEATHS FROM OTHER REPORTABLE DISEASES FOR 1943

DISEASE	Cases	Deaths	DISEASE	Cases	Deaths
Anthrax	8	1	Rabies	0	0
Dysentery, Amoebic	41	4	Smallpox	0	0
Bacillary	6	1	Tetanus	14	4
Unspecified	10	3	Trachoma	6	2
Encephalitis, Lethargic	17	26	Trichinosis	30	2
Malaria	20	2	Tularemia	2	0
Ophthalmia Neonatorum	7	-	Typhus Fever	0	0
Mumps	20,967	3	Undulant Fever	71	0
Paratyphoid Fever	19	4			

REPORTED CASES OF COMMUNICABLE DISEASES BY COUNTIES FOR 1943

COUNTIES	Anthrax	Chickenpox	Diphtheria	Dysentery	Encephalitis, Lethargic	Influenza	Malaria	Measles	German Measles	Meningitis, Epidemic Cerebrospinal	Mumps	Ophthalmia, Neonatorum	Paratyphoid Fever	Pneumonia	Acute Anterior Polyneuritis
Atlantic	0	307	0	2	0	100	0	1,878	752	38	52	0	0	65	1
Bergen	0	2,920	13	1	3	50	1	7,012	10,142	45	3,144	0	1	408	9
Burlington	0	146	0	0	0	6	0	1,542	128	17	111	0	0	69	5
Camden	6	929	53	8	0	51	1	2,957	212	54	389	1	0	220	7
Cape May	0	35	0	0	0	0	0	136	91	3	26	1	0	6	0
Cumberland	0	49	3	0	0	51	1	514	11	2	101	0	0	93	1
Essex	0	7,737	6	0	4	280	3	10,502	22,702	189	7,874	2	8	2,658	21
Gloucester	0	185	0	1	0	8	0	902	167	7	246	0	0	32	2
Hudson	0	1,366	38	5	1	153	0	3,565	1,481	129	925	0	1	430	9
Hunterdon	0	46	1	0	0	17	0	292	10	1	11	0	0	28	0
Mercer	0	945	8	1	0	91	0	2,139	277	14	894	2	2	250	1
Middlesex	0	538	4	1	0	6	0	1,537	584	27	42	0	1	98	6
Monmouth	0	1,123	3	2	3	7	1	921	904	32	299	1	1	84	3
Morris	0	934	2	1	1	18	1	1,091	1,570	11	1,054	0	1	109	2
Ocean	0	122	1	0	0	38	0	426	113	5	150	0	0	60	1
Passaic	1	1,108	18	0	0	178	0	2,816	3,386	18	568	0	0	136	0
Salem	0	22	3	0	0	1	0	216	85	5	20	0	0	9	1
Somerset	0	242	0	1	0	72	0	619	491	21	85	0	1	107	1
Sussex	0	49	0	0	0	88	0	28	122	0	129	0	0	42	1
Union	1	2,776	2	0	2	49	0	5,544	6,253	35	4,015	0	2	274	14
Warren	0	55	0	0	1	0	0	38	71	9	8	0	0	28	1
State institutions	0	69	0	33	0	64	0	10	30	1	25	0	0	68	0
Military posts	0	107	1	1	2	1	12	389	1,638	229	819	0	1	148	0
State total	8	21,810	155	57	17	1,329	20	45,074	51,220	892	20,967	7	19	5,422	85

LOCAL HEALTH ADMINISTRATION

REPORTED CASES OF COMMUNICABLE DISEASES BY COUNTIES FOR 1943—(Continued)

COUNTIES	Rabies	Rocky Mountain Spotted Fever	Scarlet Fever	Streptococic Sore Throat	Smallpox	Tetanus	Trichinosis	Tuberculosis	Tularemia	Typhoid Fever	Typhus Fever	Undulant Fever	Whooping Cough
Atlantic	0	1	84	2	0	0	0	110	0	2	0	1	150
Bergen	0	0	493	12	0	1	13	242	0	3	0	2	1,004
Burlington	0	0	66	1	0	0	0	68	0	3	0	3	104
Camden	0	4	215	6	0	0	0	219	0	4	0	1	209
Cape May	0	2	4	2	0	1	0	22	1	0	0	0	23
Cumberland	0	0	65	0	0	0	0	36	0	3	0	4	88
Essex	0	2	613	50	0	2	10	855	0	2	0	9	2,787
Gloucester	0	1	79	0	0	0	0	39	0	2	0	1	79
Hudson	0	0	464	7	0	1	0	740	0	1	0	1	377
Hunterdon	0	0	22	0	0	1	0	31	0	1	0	2	33
Mercer	0	0	326	7	0	1	0	219	0	4	0	3	261
Middlesex	0	0	95	0	0	0	0	177	0	7	0	4	76
Monmouth	0	4	142	2	0	2	1	138	0	6	0	12	324
Morris	0	0	106	5	0	2	0	75	0	2	0	10	113
Ocean	0	1	32	1	0	0	0	26	0	3	0	2	70
Passaic	0	0	203	2	0	0	2	279	0	0	0	3	649
Salem	0	0	56	0	0	0	0	29	1	0	0	2	28
Somerset	0	0	98	4	0	0	1	40	0	0	0	7	156
Sussex	0	0	19	4	0	0	0	29	0	3	0	2	73
Union	0	1	400	4	0	2	2	256	0	4	0	1	742
Warren	0	0	35	0	0	1	0	31	0	1	0	3	21
State institutions	0	0	9	13	0	0	0	150	0	0	0	0	0
Military posts	0	0	454	0	0	0	1	27	0	0	0	0	2
State total	0	16	4,080	122	0	14	30	3,868	2	57	0	71	7,459

RECORDED DEATHS FROM COMMUNICABLE DISEASES BY COUNTIES FOR 1943

COUNTIES	Anthrax	Chickenpox	Diphtheria	Dysentery	Encephalitis, Lethargic	Influenza	Malaria	Measles	German Measles	Meningitis, Epidemic Cerebrospinal	Mumps	Ophthalmia, Neonatorum	Paratyphoid Fever	Pneumonia	Acute Anterior Polyneuritis
Atlantic	0	0	0	1	0	13	0	1	1	9	0	0	0	94	
Bergen	0	0	1	0	3	20	1	1	0	4	1	0	0	160	
Burlington	0	0	0	0	0	14	0	2	0	0	0	0	1	40	
Camden	1	0	4	1	0	46	1	4	0	15	0	0	0	147	
Cape May	0	0	0	0	0	0	0	0	0	0	0	0	0	23	
Cumberland	0	0	0	0	0	10	0	0	0	2	0	0	0	39	
Essex	0	0	1	1	2	57	0	2	2	33	0	0	2	394	
Gloucester	0	0	0	1	0	6	0	3	0	2	0	0	0	41	
Hudson	0	0	2	2	3	32	0	7	0	13	1	0	0	386	
Hunterdon	0	0	0	0	0	4	0	0	0	0	0	0	0	21	
Mercer	0	0	3	0	1	16	0	1	0	5	0	0	0	113	
Middlesex	0	0	0	0	2	17	0	0	0	3	0	0	1	106	
Monmouth	0	1	0	0	2	14	0	0	0	10	0	0	0	194	
Morris	0	0	0	0	1	8	0	0	0	1	0	0	0	44	
Ocean	0	0	0	0	1	8	0	1	0	0	0	0	0	25	
Passaic	0	0	0	0	3	22	0	0	0	5	0	0	0	159	
Salem	0	0	1	0	0	13	0	1	0	1	0	0	0	24	
Somerset	0	0	0	0	0	9	0	0	0	4	0	0	0	43	
Sussex	0	0	0	0	0	8	0	0	0	0	0	0	0	16	
Union	0	0	0	2	3	21	0	0	0	4	0	0	0	163	
Warren	0	0	0	0	0	6	0	0	0	2	0	0	0	25	
State total	1	1	12	8	26	344	2	24	3	126	3	0	4	2,167	10

RECORDED DEATHS FROM COMMUNICABLE DISEASES BY COUNTIES FOR 1943—(Continued)

COUNTIES	Rabies	Rocky Mountain Spotted Fever	Scarlet Fever	Streptococic Sore Throat	Smallpox	Tetanus	Trichinosis	Tuberculosis	Tularemia	Typhoid Fever	Typhus Fever	Undulant Fever	Whooping Cough
Atlantic	0	0	1	0	0	0	0	85	0	0	0	0	13
Bergen	0	0	1	2	0	0	0	130	0	0	0	0	13
Burlington	0	0	0	0	0	0	0	47	0	0	0	0	3
Camden	0	0	2	0	0	1	1	123	0	1	0	0	4
Cape May	0	0	0	0	0	0	0	11	0	0	0	0	0
Cumberland	0	0	1	0	0	0	0	26	0	1	0	0	4
Essex	0	0	1	0	0	0	0	459	0	0	0	0	5
Gloucester	0	0	0	0	0	0	0	29	0	0	0	0	3
Hudson	0	0	0	5	0	0	0	335	0	0	0	0	3
Hunterdon	0	0	0	0	0	0	0	11	0	0	0	0	0
Mercer	0	0	3	2	0	0	0	119	0	0	0	0	1
Middlesex	0	0	0	2	0	0	0	100	0	1	0	0	1
Monmouth	0	1	1	0	0	0	1	60	0	1	0	0	2
Morris	0	0	0	0	0	1	0	48	0	0	0	0	0
Ocean	0	1	0	1	0	0	0	25	0	0	0	0	0
Passaic	0	0	1	2	0	0	0	118	0	0	0	0	1
Salem	0	0	0	1	0	0	0	19	0	0	0	0	3
Somerset	0	0	0	0	0	0	0	29	0	1	0	0	0
Sussex	0	0	0	0	0	0	0	9	0	0	0	0	0
Union	0	0	1	1	0	2	0	112	0	0	0	0	1
Warren	0	0	1	1	0	0	0	18	0	0	0	0	1
State total	0	2	12	16	0	4	2	1,913	0	5	0	0	32

Deaths occurring in state institutions are charged to the place of residence of the decedent.
Deaths occurring at military posts are charged to the county in which the post is located.

LOCAL HEALTH ADMINISTRATION

REPORTED CASES OF DIPHTHERIA IN NEW JERSEY

For the Calendar Year 1943, by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Under 1 year	4	0	0	3	0	0	0	0	0	0	0	0	1
1 year	16	2	3	2	2	1	2	0	0	1	0	1	2
2 years	13	2	1	1	0	0	1	1	0	1	1	1	4
3 years	4	0	1	0	1	0	2	0	0	0	0	0	0
4 years	6	0	1	2	1	0	0	1	0	0	0	0	1
Under 5 years	43	4	6	8	4	1	5	2	0	2	1	2	8
5 to 9 years	48	7	5	3	7	3	4	2	2	2	6	2	5
10 to 14 years	28	4	0	5	7	1	2	1	0	5	0	1	2
15 to 19 years	18	6	0	1	3	1	3	0	0	2	0	1	1
20 to 24 years	2	0	0	1	0	1	0	0	0	0	0	0	0
25 to 34 years	8	1	0	1	0	2	1	0	1	0	1	1	0
35 to 44 years	7	2	0	1	0	0	1	1	0	2	0	0	0
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	1	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	155	24	11	20	22	9	16	6	3	13	8	7	16

REPORTED CASES AND DEATHS FROM DIPHTHERIA IN NEW JERSEY

For the Calendar Year 1943, 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	10	2	6	0	16	2
2 years	7	1	6	0	13	1
3 years	1	0	3	1	4	1
4 years	4	1	2	0	6	1
Under 5 years	24	4	19	2	43	6
5 to 9 years	31	1	17	1	48	2
10 to 14 years	9	1	19	1	28	2
15 to 19 years	8	0	10	0	18	0
20 to 24 years	0	0	2	1	2	1
25 to 34 years	4	1	4	0	8	1
35 to 44 years	3	0	4	0	7	0
45 to 54 years	0	0	0	0	0	0
55 to 64 years	0	0	1	0	1	0
65 years and over	0	0	0	0	0	0
Age not stated	0	0	0	0	0	0
Total	79	7	76	5	155	12

REPORTED CASES OF EPIDEMIC CEREBROSPINAL MENINGITIS IN NEW JERSEY

For the Calendar Year 1943, by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Under 1 year	30	1	3	2	2	8	1	2	1	1	2	2	5
1 year	24	0	2	6	2	4	0	0	0	4	0	2	4
2 years	20	1	2	1	2	5	1	0	0	1	4	0	3
3 years	25	2	2	2	8	2	2	0	0	2	1	3	4
4 years	25	4	2	4	4	1	0	2	1	0	1	3	4
Under 5 years	124	8	11	15	18	20	4	4	2	6	9	8	19
5 to 9 years	71	1	11	8	15	13	7	4	2	4	3	1	2
10 to 14 years	77	5	4	12	13	6	8	4	2	3	5	4	11
15 to 19 years	160	10	16	30	21	25	17	7	5	3	8	4	14
20 to 24 years	101	14	22	39	22	27	8	4	4	3	2	6	10
25 to 34 years	139	8	15	20	18	24	16	6	3	6	5	6	12
35 to 44 years	84	1	9	12	5	14	8	4	2	3	5	5	16
45 to 54 years	35	1	2	5	4	6	5	1	2	1	1	6	1
55 to 64 years	31	4	2	7	3	5	0	1	1	1	1	3	3
65 years and over	10	0	0	3	0	2	2	1	0	0	1	0	1
Age not stated	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	892	52	92	151	119	142	75	36	23	30	40	43	89

DEPARTMENT OF HEALTH

REPORTED CASES AND DEATHS FROM EPIDEMIC CEREBROSPINAL MENINGITIS
IN NEW JERSEY

For the Calendar Year 1943, by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	18	8	12	3	30	11
1 year	16	2	8	1	24	3
2 years	10	0	10	2	20	2
3 years	13	1	12	0	25	1
4 years	13	0	12	0	25	0
Under 5 years	70	11	54	6	124	17
5 to 9 years	43	5	28	0	71	5
10 to 14 years	43	5	34	1	77	6
15 to 19 years	128	16	32	2	160	18
20 to 24 years	126	5	35	4	161	9
25 to 34 years	104	11	35	8	139	19
35 to 44 years	54	12	30	9	84	21
45 to 54 years	26	8	9	2	35	10
55 to 64 years	17	14	14	2	31	16
65 years and over	7	2	3	3	10	5
Age not stated	0	0	0	0	0	0
Total	618	89	274	37	892	126

REPORTED CASES OF PNEUMONIA IN NEW JERSEY

For the Calendar Year 1943, by Age Groups and Months

AGE GROUPS	Total	NUMBER OF CASES											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Under 1 year	386	69	46	42	35	21	28	12	11	8	15	28	71
1 year	211	35	20	26	23	10	11	10	5	5	10	18	38
2 years	127	20	12	13	13	11	8	7	2	2	11	6	22
3 years	105	14	7	6	15	4	8	4	4	3	5	11	24
4 years	89	7	9	9	11	3	2	4	1	3	7	12	21
Under 5 years	918	145	94	96	97	40	57	37	23	21	48	75	176
5 to 9 years	315	23	24	22	45	20	19	13	6	12	27	40	64
10 to 14 years	209	32	16	18	20	12	10	10	9	15	17	18	32
15 to 19 years	227	31	26	29	25	16	9	17	6	14	12	9	33
20 to 24 years	222	30	31	35	21	13	8	8	6	3	11	13	43
25 to 34 years	524	72	53	54	60	55	23	17	12	20	35	32	91
35 to 44 years	604	75	66	77	73	46	21	15	22	22	42	36	109
45 to 54 years	666	67	65	93	74	51	26	9	26	25	25	50	155
55 to 64 years	640	69	59	85	62	45	26	19	19	11	46	37	162
65 years and over	1097	131	109	97	125	70	52	26	33	46	58	66	284
Age not stated	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	5422	675	543	606	602	377	251	171	162	189	321	376	1149

REPORTED CASES AND DEATHS FROM PNEUMONIA IN NEW JERSEY

For the Calendar Year 1943, by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	232	209	154	144	386	353
1 year	120	29	91	18	211	47
2 years	68	4	59	12	127	16
3 years	54	7	51	5	105	12
4 years	50	5	39	2	89	7
Under 5 years	524	254	394	181	918	435
5 to 9 years	174	8	141	2	315	10
10 to 14 years	126	9	83	5	209	14
15 to 19 years	129	14	98	9	227	23
20 to 24 years	132	19	90	9	222	28
25 to 34 years	287	42	237	32	524	74
35 to 44 years	375	91	229	42	604	133
45 to 54 years	424	183	242	75	666	258
55 to 64 years	409	248	231	97	640	345
65 years and over	554	393	543	454	1097	847
Age not stated	0	0	0	0	0	0
Total	3134	1261	2288	906	5422	2167

LOCAL HEALTH ADMINISTRATION

REPORTED CASES OF ACUTE ANTERIOR POLIOMYELITIS IN NEW JERSEY

For the Calendar Year 1943, by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Under 1 year	3	0	0	0	0	0	0	0	0	3	0	0	0
1 year	5	1	1	0	0	0	0	0	2	1	0	0	0
2 years	3	0	0	0	0	0	0	0	1	1	1	0	0
3 years	3	0	0	1	0	0	0	0	1	1	0	0	0
4 years	5	0	0	0	0	0	0	1	2	1	1	0	0
Under 5 years	19	1	1	1	0	0	0	1	6	7	2	0	0
5 to 9 years	32	0	0	1	0	0	2	0	7	14	7	1	0
10 to 14 years	20	0	0	0	1	0	1	2	5	5	5	1	0
15 to 19 years	4	0	0	0	0	0	0	0	1	3	0	0	0
20 to 24 years	5	0	0	0	0	0	0	1	1	2	1	0	0
25 to 34 years	4	0	0	0	0	1	0	0	0	2	1	0	0
35 to 44 years	0	0	0	0	0	0	0	0	0	0	0	0	0
45 to 54 years	1	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	85	1	1	2	1	1	3	4	20	33	16	2	1

REPORTED CASES AND DEATHS FROM ACUTE ANTERIOR POLIOMYELITIS IN NEW JERSEY

For the Calendar Year 1943, by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	3	1	0	0	3	1
1 year	4	0	1	0	5	0
2 years	0	0	3	0	3	0
3 years	1	0	2	0	3	0
4 years	4	0	1	0	5	0
Under 5 years	12	1	7	0	19	1
5 to 9 years	19	2	13	0	32	2
10 to 14 years	13	0	7	1	20	1
15 to 19 years	1	0	3	1	4	1
20 to 24 years	2	1	3	1	5	2
25 to 34 years	2	0	2	1	4	1
35 to 44 years	0	0	0	0	0	0
45 to 54 years	1	1	0	1	1	2
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	50	5	35	5	85	10

REPORTED CASES OF SCARLET FEVER IN NEW JERSEY

For the Calendar Year 1943, by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Under 1 year	18	6	8	2	0	0	1	0	0	0	0	0	1
1 year	59	9	9	9	6	4	4	2	1	1	4	4	6
2 years	149	21	13	24	26	10	11	4	1	6	7	13	13
3 years	227	33	18	38	34	16	11	4	4	4	10	27	28
4 years	247	36	35	32	28	24	16	6	2	6	18	21	29
Under 5 years	700	105	83	105	94	54	37	16	8	17	39	65	77
5 to 9 years	1547	171	199	233	181	170	89	31	23	35	97	155	163
10 to 14 years	753	64	97	143	98	102	29	11	9	19	43	56	82
15 to 19 years	411	18	46	94	105	92	13	1	5	2	7	11	17
20 to 24 years	347	20	45	118	90	31	9	1	2	1	9	7	14
25 to 34 years	234	19	23	44	63	25	9	6	6	5	4	9	21
35 to 44 years	64	6	6	16	10	13	1	0	1	3	0	3	5
45 to 54 years	17	1	2	2	2	3	1	0	0	1	0	3	2
55 to 64 years	6	2	0	0	1	2	0	0	0	0	0	1	0
65 years and over	1	0	1	0	0	0	0	0	0	0	0	0	0
Age not stated	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	4080	408	502	755	614	492	188	66	54	83	199	310	381

DEPARTMENT OF HEALTH

REPORTED CASES AND DEATHS FROM SCARLET FEVER IN NEW JERSEY

For the Calendar Year 1943, by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	14	1	4	0	18	1
1 year	31	0	28	0	59	0
2 years	90	0	59	1	149	1
3 years	123	1	104	0	227	1
4 years	130	0	117	0	247	0
Under 5 years	388	2	312	1	700	3
5 to 9 years	759	3	738	0	1547	3
10 to 14 years	369	0	384	1	753	1
15 to 19 years	288	1	123	1	411	2
20 to 24 years	282	0	65	0	347	0
25 to 34 years	155	1	79	1	234	2
35 to 44 years	33	1	31	0	64	1
45 to 54 years	8	0	9	0	17	0
55 to 64 years	2	0	4	0	6	0
65 years and over	1	0	0	0	1	0
Age not stated	0	0	0	0	0	0
Total	2285	8	1795	4	4080	12

REPORTED CASES OF TUBERCULOSIS IN NEW JERSEY

For the Calendar Year 1943, by Age Groups and Months

AGE GROUPS	Total	NUMBER OF CASES											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Under 1 year	12	1	2	0	1	1	0	0	2	0	2	1	2
1 year	17	2	1	1	2	4	2	2	1	0	1	1	0
2 years	15	1	3	5	2	0	2	1	0	0	1	0	0
3 years	9	1	2	1	3	0	0	0	1	1	0	0	0
4 years	8	2	0	1	1	1	0	0	1	0	0	2	0
Under 5 years	61	7	8	8	9	6	4	3	5	1	4	4	2
5 to 9 years	50	1	7	4	3	2	7	6	3	3	6	4	4
10 to 14 years	69	5	2	6	7	9	9	9	3	2	4	5	8
15 to 19 years	257	15	22	23	32	30	19	19	18	22	18	18	21
20 to 24 years	448	28	35	42	45	37	34	48	34	39	35	38	33
25 to 34 years	973	79	76	86	88	80	100	86	83	80	75	66	74
35 to 44 years	722	52	87	81	61	63	63	77	55	48	52	40	43
45 to 54 years	573	27	41	58	50	62	58	47	40	47	54	29	60
55 to 64 years	437	21	27	41	53	57	44	31	30	32	33	31	27
65 years and over	261	24	12	29	34	28	29	16	18	18	16	11	36
Age not stated	17	0	2	0	2	1	0	3	1	3	1	3	1
Total	3868	259	319	378	384	375	367	345	290	295	298	249	309

REPORTED CASES AND DEATHS FROM TUBERCULOSIS IN NEW JERSEY

For the Calendar Year 1943, by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	10	7	2	2	12	9
1 year	9	6	8	2	17	8
2 years	8	8	7	2	15	10
3 years	3	4	3	1	9	5
4 years	6	0	2	1	8	1
Under 5 years	39	25	22	8	61	33
5 to 9 years	30	0	20	1	50	1
10 to 14 years	31	6	38	7	69	13
15 to 19 years	129	40	128	53	257	93
20 to 24 years	226	53	222	84	448	137
25 to 34 years	585	174	388	181	973	355
35 to 44 years	515	227	207	110	722	337
45 to 54 years	442	301	131	90	573	391
55 to 64 years	344	238	93	61	437	299
65 years and over	182	176	79	78	261	254
Age not stated	14	0	3	0	17	0
Total	2537	1240	1331	673	3868	1913

LOCAL HEALTH ADMINISTRATION

REPORTED CASES OF TYPHOID FEVER IN NEW JERSEY

For the Calendar Year 1943, by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Under 1 year	0	0	0	0	0	0	0	0	0	0	0	0	0
1 year	0	0	0	0	0	0	0	0	0	0	0	0	0
2 years	0	0	0	0	0	0	0	0	0	0	0	0	0
3 years	4	0	0	0	1	0	0	0	1	0	0	1	1
4 years	0	0	0	0	0	0	0	0	0	0	0	0	0
Under 5 years	4	0	0	0	1	0	0	0	1	0	0	1	1
5 to 9 years	11	2	1	0	1	0	2	1	2	1	0	1	0
10 to 14 years	13	1	0	1	0	1	0	1	6	0	1	2	0
15 to 19 years	2	1	0	0	0	0	0	0	0	0	1	0	0
20 to 24 years	4	0	0	0	0	0	0	1	1	1	0	1	0
25 to 34 years	12	0	1	0	0	1	3	1	3	1	1	1	0
35 to 44 years	5	0	0	0	1	0	0	1	0	2	1	0	0
45 to 54 years	3	0	0	0	0	0	0	1	0	1	0	0	1
55 to 64 years	3	0	0	0	0	0	0	0	0	0	2	1	0
65 years and over	0	0	0	0	0	0	0	0	0	0	0	0	0
Age not stated	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	57	4	2	1	3	2	5	6	13	6	6	7	2

REPORTED CASES AND DEATHS FROM TYPHOID FEVER IN NEW JERSEY

For the Calendar Year 1943, 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	2	0	2	0	4	0
4 years	0	0	0	0	0	0
Under 5 years	2	0	2	0	4	0
5 to 9 years	7	0	4	0	11	0
10 to 14 years	10	1	3	0	13	1
15 to 19 years	1	0	1	0	2	0
20 to 24 years	2	0	2	0	4	0
25 to 34 years	7	2	5	0	12	2
35 to 44 years	2	0	3	0	5	0
45 to 54 years	0	1	3	1	3	2
55 to 64 years	1	0	2	0	3	0
65 years and over	0	0	0	0	0	0
Age not stated	0	0	0	0	0	0
Total	32	4	25	1	57	5

REPORTED CASES OF WHOOPING COUGH IN NEW JERSEY

For the Calendar Year 1943, by Age Groups and Months

AGE GROUPS	NUMBER OF CASES												
	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Under 1 year	564	44	37	48	53	48	55	59	70	52	35	37	26
1 year	548	45	36	57	37	41	71	72	58	37	27	29	18
2 years	650	59	52	63	60	60	69	73	72	59	26	40	26
3 years	770	68	64	74	73	54	87	86	69	61	51	54	29
4 years	795	69	68	93	74	65	82	92	70	64	49	49	20
Under 5 years	3325	285	257	335	317	268	355	382	339	273	188	209	117
5 to 9 years	3410	327	371	503	347	282	340	384	210	199	138	203	106
10 to 14 years	575	66	49	93	68	59	69	45	35	24	20	27	20
15 to 19 years	59	5	6	10	2	7	8	4	6	4	2	5	0
20 to 24 years	17	2	0	2	2	1	3	4	1	0	0	2	0
25 to 34 years	32	2	4	3	4	3	3	2	3	3	4	0	1
35 to 44 years	22	1	3	4	1	0	3	5	4	1	0	0	0
45 to 54 years	6	1	1	0	1	0	0	0	0	0	2	1	0
55 to 64 years	5	0	1	1	0	1	0	0	1	1	0	0	0
65 years and over	8	1	4	0	0	1	0	0	2	0	0	0	0
Age not stated	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	7459	690	696	951	742	622	781	826	601	505	354	447	244

DEPARTMENT OF HEALTH

REPORTED CASES AND DEATHS FROM WHOOPING COUGH IN NEW JERSEY

For the Calendar Year 1943, by Age Groups and Sex

AGE GROUPS	Male		Female		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Under 1 year	291	11	273	16	564	27
1 year	277	3	269	5	546	8
2 years	320	1	330	1	650	2
3 years	393	0	377	1	770	1
4 years	402	0	393	0	795	0
Under 5 years	1683	15	1642	23	3325	38
5 to 9 years	1642	0	1768	0	3410	0
10 to 14 years	265	0	310	0	575	0
15 to 19 years	29	0	30	0	59	0
20 to 24 years	4	0	13	0	17	0
25 to 34 years	7	0	25	0	32	0
35 to 44 years	3	0	19	0	22	0
45 to 54 years	2	0	4	0	6	0
55 to 64 years	2	0	3	0	5	0
65 years and over	5	0	3	0	8	0
Age not stated	0	0	0	0	0	0
Total	3642	15	3817	23	7459	38

Report of the Negro Health Program

For the Year Ending June 30, 1944

By J. EARLE STUART, M.D., M.S.P.H., *Consultant*

The differential morbidity and mortality rates, plus the disproportionate reduction of same as shown by obvious biometric facts, and the continuance of economic causal factors, are definite reasons for this program's effort to improve the health status of this minority group.

The housing problem, intensified by neighborhood restrictions, migration of workers to centers of industry, and building curtailment, continues a basic causal factor of this problem.

We are continuing to focus the existing facilities of the voluntary and official health and welfare agencies of the State, counties and municipalities on the areas and needs that are evident. Though the five points of this program are health education, case-finding, biometric studies, epidemiologic investigations, and post-graduate opportunities, specific activities this year included health education of the masses, case-finding demonstrations, and nursing services.

I. HEALTH EDUCATION OF THE MASSES

Health Meetings:

Health units in localities, together with ministers, school personnel, and local organizations continued to sponsor health educational meetings throughout the State. Subjects centered around tuberculosis control, venereal disease control, child health, cancer and nutrition.

22 physicians of the New Jersey State Medical Association, together with the Consultant of the Program, gave the talks at these meetings, which were held in churches, schools, Y. M. and Y. W. C. A.'s, and Community Centers.

67 health meetings were held throughout the State.

10,207 people were in attendance.

DEPARTMENT OF HEALTH

Distribution and publication of health educational material:

2 pamphlets—"Care and Training of the Child from One to Six," and "Your Best Defense"—were published by this Program.

Others distributed and their number are as follows:

"My Big Brother Knows"	2,417
"Why X-ray"	2,377
"How I Was Saved"	750
"Your Best Defense"	3,580
"Quiz"	475
"You're Going to Have Your Picture Taken"	265
"Care and Training of the Child from One to Six"	3,974
"From Boy to Man"	921
"To Womanhood"	779
"Vital to National Defense"	2,730
"Gonorrhoea, The Crippler!"	2,730
"Facts About Syphilis"	1,025
"Syphilis—Its Cause—Its Cure—Its Spread"	1,176
"Cancer Facts for Women"	681
"What to Know and What to Do About Cancer"	982
"Let's Talk About Cancer"	750
"Detectives Wanted"	203
Others (misc.)	3,291
	<hr/>
Total	29,106

Posters originated by this program:

"Your Best Defense"	104
"Defend Your Family with a Blood Test"	150
Others (misc.)	200
	<hr/>
Total distributed	454

Films used:

3 on tuberculosis	
4 on venereal diseases	
3 on nutrition	
1 on cancer	
1 on first-aid	
Total number showings	16
Radio Broadcasts—total number	13
WTTM, WAAT, WSNJ, WFPG, WBAB.	

NEGRO HEALTH PROGRAM

51

A health educational exhibit was arranged for the New Jersey Federation of Colored Women's Clubs at the Bordentown Industrial School.

Conferences were held with parent-teacher associations, tuberculosis and health leagues, local health departments, a representative of the United States Public Health Service and the New Jersey State Medical Association. Contacts were made with the Federated Council of Churches, Council of Social Agencies of Plainfield, New Jersey, Organization of Teachers of Colored Children, and local ministerial alliances.

Special Awards:

This Program received the All-American Trophy from the United States Public Health Service for our contribution to the National Negro Health Week movement. This national celebration is observed throughout the State under the leadership of this Program.

The New Jersey Organization of Teachers of Colored Children presented the Annual Award to this Program for outstanding services for the improvement of health conditions among this minority group in New Jersey.

II. CASE-FINDING DEMONSTRATIONS

Free chest X-ray surveys were offered to the general adult population of many towns of New Jersey as distinguished from other surveys conducted in institutions and industries. The examinations were paid for by this Department while local health departments paid for the necessary printing for publicity. Follow-up work on tuberculous cases was done by the local tuberculosis leagues. Individual reports were sent to family physicians designated by the persons at the surveys. The National X-ray Surveys Company provided 35 mm. photo-fluorograms.

The towns and the total number of persons examined in each, are as follows:

Newark	703
Burlington	165
Bordentown	77
Moorestown	189
Swedesboro	125
Woodbury	367
Glassboro	397
Salem	157
Atlantic City	1,162
Morristown	106
Madison	143
Camden	786
Lawnside	187

Total number people examined	4,564
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Survey findings:

Suspects:

Possibly active	65
Healed tuberculosis	50
Calcified glands	11
Ghon's nodes	53
Calcified hilar nodes	243
Other	26
	<hr/>
Total	448

Non-tuberculous pathology:

Scoliosis	10
Bronchiectasis	11
Adhesions	5
Bulge right diaphragm	2
Aortic sclerosis	4
Cardio-vascular silhouette	13
Mediastinal mass	24
Healed fractures	2
Emphysema	3
Foreign body	3
Fractured ribs	1
Cystic lung disease	1
Pneumoconiosis	2
Other	14
	<hr/>
Total	95

Negatives 3,825

Four Well Baby Demonstration Clinics were held in Burlington County as a means of educating the parents and encouraging them to attend the regular clinics in their respective localities. Alum precipitated diphtheria toxoid was given in first and second doses (a month apart).

<i>Place</i>	<i>No. babies examined</i>	<i>No. immunized</i>
Burlington City	102	38
Bordentown	35	29
Mount Holly	52	36
Palmyra and E. Riverton	59	46
	<hr/>	<hr/>
Totals	248	149

NEGRO HEALTH PROGRAM

53

III. NURSING SERVICES

The three nurses of our Program were engaged mostly in health educational work. Visits were made to churches, Y. M. and Y. W. C. A.'s, and Community Centers and schools for the establishment of health programs in their yearly schedule. Publicity work for chest X-ray surveys was under their immediate supervision, with co-operation from lay groups in the localities. Home visits are made in rural areas to encourage attendance at baby clinics and regular venereal disease and chest clinics, when necessary. In this way the nurses co-operate with the existing health and welfare agencies.

Total number of home visits made 4,646

One of our nurses is loaned (part-time) to do school nursing and maternal and child health work in the Lawnside and East Berlin area. She is in complete charge of the Baby-Keep-Well Station in Lawnside which has an average case-load of 150 babies and pre-school children in that vicinity.

Another of our nurses assisted in the clinic for migrant farm laborers in the Cranbury and Hightstown area during July and August. Much of the follow-up work on the farms was done by her. Continuous attendance at the clinic was urged. Blood tests were made and treatment given for gonorrhoea and syphilis when necessary.

IV. SUMMARY

Number of counties participating	15
Number of cities participating	32
Total number health meetings	67
Total attendance	10,207
Number pieces of literature distributed	29,106
Posters distributed	454
Total number home visits by nurses	4,646
Total number persons examined by X-ray	4,564
Total number babies immunized (diphtheria)	149

Report of the Tuberculosis Control Program

For the Year Ending June 30, 1944

By A. JOSEPH HUGHES, M.D., *Medical Supervisor*

The Tuberculosis Control Program has continued to expand through the co-operation of the Bureaus of Industrial Health and Local Health Administration. The Bureau of Industrial Health has an opportunity to explain the mass X-ray examinations while contacting industry in its regular activities. The Bureau of Local Health Administration has been directing the follow-up program through practicing physicians, local health authorities and the tuberculosis leagues. The Tuberculosis Control Program has actually accomplished the mass X-ray examinations. This Program has also co-operated with the Negro Health Program in conducting two surveys.

In the past year the Program has acquired its own 4x5 photofluorographic unit, whereas the 35 mm. unit on loan from the United States Public Health Service has been withdrawn. Twenty surveys were conducted during the year, eighteen in industry and two among persons other than industrial workers. This brings the total number of surveys conducted to June 30, 1944 to thirty-one. Eighty-six thousand small films and thirteen hundred standard 14x17 plates have been taken, and the unit has operated in fourteen out of the twenty-one counties in the State.

A central office and dark room have been established in the past year. Heretofore the developing was done by using whatever local facilities were available and the Program lacked a central administration office.

The industrial case-finding program continues as a co-operative effort on the part of the medical profession, labor, management, local health authorities and the State and county tuberculosis leagues.

All persons in industry cannot at present be X-rayed with the limited facilities available. It is anticipated that this Program will expand its facilities and interest management in taking, as a part of its own health programs, not

only pre-employment X-rays but periodic X-rays as well. As X-ray facilities increase it is planned to expand the case-finding activities to include not only industrial workers but other groups also.

This Division also plans to participate in the expansion of the already existing clinics in order to realize the maximum benefit from its mass surveys. In brief, it is the desire of the Tuberculosis Control Unit to make X-ray chest examinations so readily available that everyone in this State will be X-rayed at least once a year.

Industry has been quick to recognize the value of this service, both as a means of increasing industrial worker efficiency and as a means of contributing in large measure to the eradication of the disease. In fact, both management and labor have responded so whole-heartedly that there are now on schedule in industry alone well over one hundred thousand persons. Obviously, this is many more than can be serviced with but one survey unit, and on numerous occasions it has been impossible to meet commitments.

In order to make the most of this opportunity of finding many new cases of early tuberculosis, when so much can be done to rehabilitate the individual, additional funds must be made available for equipment, personnel, office space and X-ray supplies.

Report of the Bureau of Venereal Disease Control

For the Year Ending June 30, 1944

By **GLENN S. USHER, M.D.**, *Chief*

The release of limited supplies of penicillin for the treatment of syphilis and gonorrhea in civilians has given impetus to the venereal disease control program. On June 1, as soon as a supply was assured, a letter explaining the plan of the Bureau for the use of the limited supply available was sent to the superintendents of 80 general hospitals in the State and to every practicing physician. The plan, in brief, offers to supply penicillin and pay for the hospitalization of certain types of cases among the medically indigent. In syphilis, the use of penicillin is restricted to primary and secondary cases, because insufficient experimental work has been done to justify the recommendation of the drug for general use in other types of cases. Hospitalization is provided for eight days, during which time the recommended treatment is 20,000 units of penicillin every three hours. The cost and scarcity of penicillin dictates the restriction that cases of gonorrhea be treated first with a sulpha drug. In the sulpha-resistant cases, penicillin is provided and the hospital charges for 24 hours are paid, during which time the drug is to be administered in 20,000-unit dosage at three-hour intervals. The physician may make the arrangements for hospitalization in any hospital he chooses which will accept the case.

Before the release of penicillin late in this fiscal year, efforts were continued to secure suitable facilities for the establishment of a central rapid treatment center, through funds available under the Federal Lanham Act. Further effort has been discontinued. The admission of patients with gonorrhea and syphilis in all hospitals is the present goal which has been made practical by the ease of administration, therapeutic efficiency, and lack of toxic effects of penicillin.

MILITARY PROGRAM

The Bureau participated in the "national roundup" of all men previously rejected for military service with a diagnosis of syphilis. Medical history forms were sent to their physicians, the information secured was studied by

a physician of the Bureau and recommendations of medical availability were made to the local Selective Service Boards. The study of 3,500 of these medical records indicated that practicing physicians generally fail to realize the importance of spinal fluid tests before the patient is released from treatment. A special effort has been made to emphasize this procedure in the light of the Army's experience in finding about 10% positive spinal fluids among supposedly latent cases of syphilis.

Examinations during the year at the two armed forces induction stations in this State (at Newark and Camden) revealed 5,649 persons with positive blood tests or symptoms or history of syphilis. Of these, 2,181 were inducted. In addition, 691 individuals with cases of gonorrhea were discovered, of whom 312 were inducted. Treatment of the men accepted for military service then became the responsibility of the military authorities. There were, however, 3,467 cases of syphilis and 379 cases of gonorrhea rejected for military service, and these, therefore, became the responsibility of the civilian health officials. All were followed up by letter, and those who failed to place themselves under medical care were investigated by public health nurses. Even many of the men accepted for service under the new regulation to induct and treat men with uncomplicated venereal disease, required follow-up if they were in an infectious stage during the furlough period allowed between examination at the Induction Station and final induction at a Reception Center.

Previously the public health nurses assigned by the Bureau to each of the Induction Centers had been withdrawn when the Army began to accept infected men for military service. However, the large percentage of persons rejected, and the opportunity for securing contact information by interview with the men accepted, as well as those rejected, made the reassignment of nurses to the Induction Stations seem profitable. Accordingly, a nurse was again assigned to the Newark Induction Station on February 1st and to the Camden Station on June 1st.

Military establishments in the State have continued to report contact information from all men who developed a venereal disease while in the service. During the year 2,265 such contact reports have been received and prompt investigation made. Whenever a tavern has been named as a meeting place, this information has been referred to the Alcoholic Beverage Commissioner. Suspected houses of prostitution have been referred to the State Police or to the local health officer for referral to local police. Representatives of the Bureau have assisted in the investigation and prosecution of persons and places suspected to be spreading infection to the armed forces.

In Newark, where the largest number of military contacts were reported, a venereal disease committee has been formed, consisting of representatives from the Health Department, police, courts, Welfare Department, and other

BUREAU OF VENEREAL DISEASE CONTROL 59

interested agencies. The appointment of a full-time venereal disease control officer also has been effected.

Dischargees will probably soon occupy the attention of the Bureau. A few treatment records are now being received from the Separation Center at Fort Dix, for men discharged after treatment in the military service. Some reports are also coming through for men who have a positive S. T. S. at the time of their military discharge, but who have no history of syphilis. It is planned to follow up these cases in the same manner as the selectees have been, to make sure that adequate treatment is received. The service of public health nurses of the staff will be used in interpreting diagnosis and treatment needs to the discharged soldier, a service which has proved invaluable in the follow-up of selectees who have had positive tests for syphilis since Selective Service became effective in 1940.

CASE-FINDING AND CASE-HOLDING

Public health nurses of the Department continued to assist local health officials, particularly in the contact tracing and case-holding aspects of the venereal disease control program. These nurses are stationed in Trenton, Camden, Hackensack, Paterson, Passaic, Weehawken, Dover, Plainfield, Atlantic City, Mt. Holly, Pitman, Bridgeton, Salem, and Mays Landing. The nurse was withdrawn from Bayonne because results did not seem to warrant her continuance there. A public health nurse was assigned for a short demonstration period to the largest clinic in the State, in Newark. A nurse was assigned to Monmouth County; a second nurse to Cumberland County, with headquarters in Vineland, to supplement the work of the nurse in Bridgeton; and arrangements made for a nurse to serve the eastern part of Bergen County, with an office in Englewood.

Under the new State plan for providing penicillin and hospitalization for cases of early syphilis and gonorrhoea, a nurse will interview each patient for contacts. Full advantage will be taken of the opportunities for case-finding which penicillin treatment brings. A growing awareness among physicians of the importance of contact tracing has resulted in their use of the services of our public health nurses to interview private patients.

TREATMENT

A trend from clinic to private physician care, probably due generally to improved economic conditions, is noted. The approximate average case-load of the clinics in New Jersey, for the year ending June 30, 1942, was 9,000; for the year 1943, 7,500; and for the present year 6,000. The number of clinics co-operating with the Department this year was 75.

DEPARTMENT OF HEALTH

DIAGNOSTIC PROCEDURES

Use of the gonococcus culture service, both the direct service and the mail service, has been stressed. Ninety stations throughout the State now have the culture outfits on hand for the convenience of physicians. The Newark Induction Station is using the direct service provided by the State laboratory in Newark, for routine cultures of all women examined for military service, and for those men who have clinical evidence or a history of gonorrhoea within three months. Number of specimens received for gonococcus culture:

	<i>Mail Specimens</i>	<i>All Specimens</i>
January-June 1943	1,463	3,571
July-December 1943	2,694	5,143
January-June 1944	4,196	7,199
	8,353	15,913

The number of serologic tests for syphilis has decreased from the all-high record of more than a million tests last year. Army laboratories, on February 1st, took over blood tests for Selective Service, which last year accounted for 355,000 of the million tests. The number of tests reported this year by 95 laboratories in the State was 715,511.

Recognized inter-laboratory checks were carried on in the 31 laboratories in the State in which the majority of the serologic tests for syphilis are done. Serums used were checked by the U. S. Public Health Service Research Laboratory at Staten Island, and a complete report of the findings of each of the participating laboratories was sent to all. A standard Mazzini antigen is sent to all laboratories which request it. Twenty-three different laboratories are using this standard antigen.

THE PREMARITAL AND PRENATAL LAWS

The laws requiring blood tests of pregnant women and persons who apply for a marriage license continue to be a useful case-finding device, as shown by the tables which follow. Effort is made to insure adequate treatment for all infected persons discovered through the operation of these laws.

PREMARITAL BLOOD TESTS REPORTED BY APPROVED LABORATORIES IN NEW JERSEY

	<i>Total Number of Tests</i>	<i>Number Positive</i>	<i>Percent Positive</i>	<i>Number of Persons Married</i>
1938—(July-Dec.)	30,801	426	1.38	28,912
1939—(Full Year)	68,021	928	1.36	63,790
1940—(Full Year)	87,622	1,120	1.28	82,118
1941—(Full Year)	100,947	1,384	1.37	93,076
1942—(Full Year)	100,391	1,510	1.50	100,906
1943—(Full Year)	77,172	1,313	1.7	82,090*
1944—(Jan.-June)	34,554	589	1.7	36,498*

*Many of these persons had blood tests in military laboratories of this or other states.

BUREAU OF VENEREAL DISEASE CONTROL 61

In the follow-up of cases discovered through prenatal examinations, a reluctance on the part of physicians to collect blood specimens from babies has been observed. A plan has been instituted for Essex and Hudson Counties whereby an experienced technician at the laboratory of the Orange Memorial Hospital, at Babies Hospital in Newark, and Medical Center and Margaret Hague Hospital in Jersey City, will collect the specimen by appointment for any physician who wishes to refer a baby.

PRENATAL BLOOD TESTS REPORTED BY APPROVED LABORATORIES IN NEW JERSEY

	<i>Total Number</i>	<i>Number of Positive Results*</i>	<i>Percent Positive</i>
1939—(Full Year)	42,863	640	1.49
1940—(Full Year)	52,940	735	1.39
1941—(Full Year)	62,852	874	1.39
1942—(Full Year)	78,774	1,263	1.60
1943—(Full Year)	58,376	794	1.36
1944—(Jan.-June)	34,631	460	1.33

*Positive tests contain probably 15% duplication. Number of different persons not known from all laboratories.

INDUSTRIAL PROGRAM

Efforts to interest individual industries in mass blood-testing of employees, and including the blood test as a part of the pre-employment examination have been continued by the Bureau of Industrial Hygiene and by this Bureau, as opportunity offered. In addition, a representative has met with the New Jersey Association of Industrial Physicians, with two organizations of personnel managers, and with representatives of labor unions. As blood specimens were received at the State laboratory, which were known to be employment or pre-employment tests, the positive cases have been followed up by letter and by personal visit, if indicated. There were 1,831 persons in New Jersey followed up during the year through this procedure, out of a total of 3,698 positive blood specimens which could be identified as industrial tests. The other tests were from persons residing in other States and were referred to the proper State health department.

Special clinics were held during the summer at Cranbury and Hightstown for the examination and treatment of migrant farm laborers. Migrants in the Freehold area were examined and treated at the regular clinic. Drugs, clinic supplies and educational material were supplied to the Farm Security Administration to provide diagnostic and treatment service at their labor camps near Bridgeton, Swedesboro and Burlington.

DEPARTMENT OF HEALTH

EDUCATION

"VeeDee," a news letter for health officers and clinics, was instituted this year. Six issues were prepared and distributed and have proved an effective means of keeping workers in touch with the State program.

As has always been the policy, pamphlets for the lay public, and for professional persons, have been distributed freely.

Through membership on the Social Hygiene Committee of the New Jersey Tuberculosis League and on the Advisory Committee on Social Hygiene Education to the State Department of Public Instruction, the Bureau works in close co-operation with these agencies. The Industrial Hygiene Bureau and the Negro Health Project have assisted in the distribution of educational material. Through local Selective Service Boards and the Induction Stations, pamphlets have been distributed to men called for military service.

CASES OF VENEREAL DISEASE REPORTED IN NEW JERSEY,
JANUARY 1-DECEMBER 31, 1943

(Cases reported from military camps are not included)

County	Gonorrhea		Syphilis		Chancroid		Total	Popu- lation (1940)	Rate per M.
	M.	F.	M.	F.	M.	F.			
Atlantic	49	20	239	212	3	0	523	124,066	4.2
Bergen	68	10	318	138	0	0	534	409,646	1.3
Burlington	18	9	128	53	1	0	209	97,013	2.2
Camden	88	42	365	249	1	0	745	255,727	2.9
Cape May	20	5	51	31	0	0	107	28,919	3.7
Cumberland	51	13	211	111	1	0	387	73,184	5.3
Essex	626	335	1,803	1,110	48	7	3,829	837,340	4.6
Gloucester	19	7	117	43	1	0	187	72,219	2.6
Hudson	44	32	631	262	2	0	971	652,040	1.5
Hunterdon	8	3	23	38	0	1	73	36,766	2.0
Mercer	83	88	512	296	1	0	980	197,318	5.0
Middlesex	38	76	283	192	0	1	590	217,077	2.7
Monmouth	50	25	318	188	1	0	582	161,238	3.6
Morris	23	11	84	66	2	0	186	125,732	1.5
Ocean	1	2	37	16	0	0	56	37,706	1.5
Passaic	67	25	342	192	1	1	628	309,353	2.0
Salem	34	3	102	44	1	0	184	42,274	4.4
Somerset	20	7	55	31	0	0	113	74,390	1.5
Sussex	6	2	11	8	0	0	27	29,632	.9
Union	84	25	358	209	3	0	679	328,344	2.1
Warren	2	2	24	8	0	0	36	50,181	.7
Total	1,399	742	6,012	3,497	66	10	11,724	4,160,165	2.8

Report of the Bureau of Dental Health

For the Year Ending June 30, 1944

By J. M. WISAN, D.D.S., M.S.P.H., *Chief*

With the nation deeply engrossed in a war economy, health administrators realized that no opportunity should be lost to maintain the physical fitness of personnel on the home front. Because dental defects had proved so prevalent among selectees, many health, welfare and educational agencies, both State and local, joined with the Bureau of Dental Health in its efforts to improve dental conditions in New Jersey. The willingness of these groups to act not only as an advisory group, but also in administrative phases, broadened the scope and increased the usefulness of the Department's dental program. Moreover, the New Jersey State Dental Health Committee and its component local committees gave to the program unification of effort without impairing flexibility in meeting local needs and facilities.

The summary of activities given here will with even superficial scrutiny reveal widespread participation—again stressing the philosophy of the Bureau of Dental Health, namely, that the responsibility for improving dental conditions does not fall only on the shoulders of one group or one department, but on all health, welfare and educational personnel.

The activities of the Bureau of Dental Health may be divided into four categories:

- I. Providing consultive services for local and State dental programs
- II. Collecting, publishing and distributing authentic dental health education material
- III. Conducting investigatory, demonstration and educational programs
- IV. Establishing and maintaining dental treatment programs for low income children in rural and suburban areas

DEPARTMENT OF HEALTH

ACTIVITIES

I. PROVIDING CONSULTIVE SERVICES FOR LOCAL AND STATE DENTAL PROGRAMS

A. Chief of Bureau:

156 Consultive conferences with health departments, school personnel, dentists and dental societies, voluntary agencies and official agencies.

62 Dental health committee meetings.

74 Supervisory visits to demonstration and rural dental programs.

University of Michigan, at its first Institute on Dental Economics, selected the New Jersey dental program as the State dental program to be surveyed and evaluated for the student body.

The Massachusetts State Department of Health and the Massachusetts State Dental Society invited the Chief of the Bureau of Dental Health to attend two public health institutes to explain the lay committee activity connected with the New Jersey program.

Appointed member of national Low Income Committee of the American Dental Association Council on Dental Health, which accepted many of the New Jersey policies and procedures as a part of its recommendations for all States.

B. Dental Health Education Advisor:

44 Conferences } Teachers, nurses, parent-teacher associations,
11 Talks } educational institutes.

Prepared education material.

Made surveys of New York City dental clinics.

C. Dental Supervisors (2):

Organized new programs.

Supervised dental treatment programs:

108 Conferences with dentists, school personnel and voluntary agencies.

50 Inspections of school children treated by dentists.

24 Dental Health Committee meetings.

Attended meetings of dental societies.

II. COLLECTING, PUBLISHING AND DISTRIBUTING AUTHENTIC DENTAL HEALTH EDUCATION MATERIAL

<i>Leaflets</i>	<i>No. Distributed</i>
Routine	1,564
For Parents of Preschool Age Children	3,007
Going Through School With Healthy Teeth	1,095
Expectant Mother	339
High School	381
Dental Health Bibliography (Provided by N. J. State Dental Society).....	51
Useful Baby Molars	2,757
Questions for School Children	1,168
Problems for Parents	410
Suggestions for Use of Parents Leaflet	41
Questions About Your Teeth Answered (with Essex County Dental Society) ..	409
Questions About Your Teeth Answered (with Hudson County Dental Society)	104

BUREAU OF DENTAL HEALTH

65

<i>Leaflets</i>	<i>No. Distributed</i>
Cancer of the Mouth	50
For Your Dental Health Card	100
Visual Education in Dentistry (published by <i>Dental Digest</i>)	150
Your Child's Teeth (published by American Dental Association)	300
Tommy's First Visit to the Dentist (published by American Dental Assn.)	500
Facts About Teeth (published by National Dental Hygiene Association)	530
Total number leaflets distributed	12,956

<i>Posters</i>	<i>No. Distributed</i>
Happily Entering School With Healthy Teeth	105
Neglect of Teeth Is Personal Sabotage	25
Dental Care Will Help You	23
You Should See Your Dentist	214
What Is Preventive Dentistry	20
Total number posters distributed	387

<i>Seals</i>	<i>No. Distributed</i>
Dental Care seals	4,800

<i>Films</i>	<i>No. Distributed</i>
Let's Talk About Teeth	} Films loaned to State Museum which has accepted responsibility for distributing films.
How Teeth Grow	
Told By A Tooth	
Care of the Teeth	
Value of a Smile	
The Smiles Have It	
About Faces	
*The Student Flier	
*Our Teeth	
*Toothfully Yours (slide film)	
*The Mortons Make Some Changes (slide film)	

<i>Exhibits</i>	<i>No. Distributed</i>
Can You Eat Properly	} Number of showings
Expectant Mother	
Prompt Dental Care for 6 Year Child	
Total number exhibits distributed	8

<i>Forms</i>	<i>No. Distributed</i>
Charts and record forms	50,615

<i>Booklets</i>	<i>No. Distributed</i>
Dental Health (with New Jersey State Dental Society)	3,203
*Source Unit on Dental Health for Schools of New Jersey	10,200
Total number booklets distributed	13,403

* Material published during this period.

DEPARTMENT OF HEALTH

III. CONDUCTING INVESTIGATORY, DEMONSTRATION AND EDUCATIONAL PROGRAMS

- A. Pre-school children dental surveys were conducted in collaboration with the Summer Round-Up of the New Jersey Congress of Parents and Teachers.
- B. High school dental surveys were conducted in collaboration with the Victory Corps Program.
- C. Studies were conducted among school children to learn the value of topical applications and of fluorine content of public drinking supplies in reducing the incidence of dental caries.
- D. Survey forms, approved by the American Association of Public Health Dentists, have been instituted in our programs, and are helping us obtain valuable data concerning dental needs of children. Particularly has this form proved valuable because it will enable us to make fairly accurate comparisons among communities of New Jersey, and to compare New Jersey with other States. The New Jersey State Department of Public Instruction has agreed to collaborate with us, not only in recommending this form to all school clinics in New Jersey, but also in providing them for communities requesting copies.
- E. 65 Dental health talks and discussions.
- F. Accredited dental health education course (15 lectures)—Seton Hall College.
- G. Source Unit on Dental Health for Schools of New Jersey prepared.
- H. Utilizing forms prepared by its staff, the Bureau of Dental Health has obtained the following data:

(1) Average DMF* Rate for New Jersey Children by Ages 6 to 17—
26 New Jersey Communities—1944.

MOUTH MIRROR AND EXPLORER EXAMINATION IN SCHOOL ROOM

<i>Age</i>	<i>Number Examined</i>	<i>DMF Per Child</i>
6	488	.64
7	599	1.5
8	608	2.4
9	566	3.
10	561	3.6
11	572	4.3
12	611	5.4
13	566	6.5
14	490	8.3
15	376	9.4
16	320	10.8
17	365	11.9

* DMF = total number teeth affected by caries

{ D = decayed permanent teeth requiring filling.
 M = decayed permanent teeth requiring extraction, or permanent teeth previously extracted.
 F = permanent teeth previously filled (now in sound condition).

BUREAU OF DENTAL HEALTH

(2) Comparison of DMF in Fluorine and Non-fluorine Areas.

DMF PER CHILD BY AGES

<i>Age</i>	<i>26 N. J. Communities Non-fluorine</i>	<i>Moved in Fluorine Community After 4th Birthday</i>	<i>Lived in Fluorine Community Before and After 4th Birthday</i>
6 .....	.64	.08	.4
7	1.5	2.1	.9
8	2.4	1.8	1.4
9	3.	2.9	1.6
10	3.6	2.9	2.1
11	4.3	4.1	3.1
12	5.4	5.7	3.2
13	6.5	6.7	4.3
14	8.3	6.5	4.5
15	9.4	7.2	4.4
16	10.8	6.2	4.2

(3) Number of Minutes of Dentists' Time Required to Provide All Necessary Extractions, Fillings, Prophylaxis and Treatment, Initial Cases and as Maintenance Cases According to Age.

<i>Age</i>	<i>Maintenance Treatment</i>		
	<i>Initial Treatment</i>	<i>2nd Year After Previous Completion</i>	<i>3rd Year After 2 Previous Annual Completions</i>
	<i>Minutes</i>	<i>Minutes</i>	<i>Minutes</i>
6	86	80	75
7	115	74	84
8	111	66	76
9	134	59	76
10	134	53	94
11	109	85	62
12	100	79	78
13	128	85	78
14	142	61	83
15	167	88	..
Average	116	70	78

COST PER CHILD—PERCENTAGE COMPLETED DIFFERENT PROGRAMS

1941-1943

	<i>Average Annual Cost per Child</i>	<i>Average Annual Percentage of Completions</i>
Clinic—urban	\$8.68	80%
Clinic—rural	8.05	72%
Private office	7.67	50%
Trailer	8.20	44%

(Cost given here does not include central office expenses.)

DEPARTMENT OF HEALTH

IV. ESTABLISHING AND MAINTAINING DENTAL TREATMENT PROGRAMS

The following table furnishes a resume of the accomplishments of the dental treatment program. The growth of this program may be attributed to the collaboration of the official Dental Society of the State and the activities of many health, welfare and educational groups.

RESUME OF DENTAL TREATMENT PROGRAMS
Year Ending June 30, 1944

PROGRAM	Number of Communities Included	Number of Dentists Employed	Number of Hours Dentists Operated	Number of Different Patients	Total Number of Visits	Operations			Other Operations	Total Operations	Number of Different Children Completed
						Teeth Perm.	Teeth Extracted Decid.	Teeth Filled			
Atlantic County**	3	2	179	68	263	21	133	145	42	341	45
Bergen County*	11	5	269	95	493	41	178	568	132	919	25
Burlington County*	11	5	257	189	477	72	379	455	135	1041	116
Camden County***	1	2	177	149	413	111	171	296	118	696	107
Cape May County**	6	2	94	125	212	34	225	331	86	676	96
Cumberland County***	19	3	258	138	398	45	220	255	98	618	67
Hunterdon County****	38	1	577	450	1133	35	401	832	564	1832	308
Middlesex County***	5	4	331	370	758	40	312	423	346	1121	42
Monmouth County***	14	9	779	385	1434	119	671	1691	367	2848	279
Morris County*	12	7	252	120	460	38	196	452	86	772	55
North Arlington****	1	1	853	375	1986	13	203	1652	1166	3034	375
Ocean County*	1	1	43	7	46	7	19	80	7	113	5
Orange*	1	2	70	41	76	5	13	41	4	63	2
Passaic County*	1	1	69	32	111	6	25	199	24	254	24
Paterson**	1	1	1062	498	2136	196	781	2230	781	3988	435
Somerset County***	22	1	980	420	2248	95	380	1549	600	2624	337
Union County*	1	1	204	104	409	16	124	536	33	709	31
Warren County**	12	4	124	47	129	38	75	123	31	267	23
Totals 1943-44	160	52	6578	3613	13182	932	4506	11858	4620	21916	2372
Totals 1942-43	109	25	4748	2846	10350	879	5286	9566	3393	19124	1961

* New program.
** 2nd year in operation.
*** 3rd year in operation.
**** 4th year in operation.

DEPARTMENT OF HEALTH

NEW ACTIVITIES

1. Plans completed for new mobile dental clinic so that the Department would be in a position to compare the efficacy of a dental clinic built on a truck chassis with the trailer type which cannot be moved with its own power.
2. New educational units for elementary and high schools, and an outline for parent education groups were prepared. The elementary school unit was printed during the present fiscal year.
3. Department of Institutions and Agencies requested the Bureau of Dental Health to treat its dependent children in rural areas. The approval of the State Dental Society has been requested for this purpose.
4. The Bureau of Dental Health investigated the need of dental programs in parochial schools.
5. The Bureau of Dental Health extended its dental treatment program to include suburban areas as well as rural localities.

Report of the Bureau of Industrial Health

For the Year Ending June 30, 1944

By W. G. HAZARD, *Acting Chief*

The fiscal year ending June 30, 1944, was marked by notable advances in the field of industrial health. The activities of this Bureau which used to be known as the Industrial Hygiene Service were broadened and strengthened. For the first time it operated under a State appropriation—amounting to somewhat over \$41,000. Supplementing this was a Federal grant of about \$4,000, which does not include the salaries of four Federal employees who were loaned to the Bureau. The number of employees under State Civil Service was increased to five. A considerable portion of the appropriation was spent for equipping an industrial hygiene laboratory. As a result of this progress more valuable service was rendered to industry.

COVERAGE OF STATE'S INDUSTRY

The following table shows the type of industries visited:

<i>Industry Group</i>	<i>Number of Plants Visited</i>	<i>Number of Employees</i>
Chemical, petroleum and allied products	41	26,727
Food and kindred products	12	12,101
Iron and steel, excluding machinery	28	37,510
Machinery, excluding electrical	21	30,335
Machinery, electrical	22	34,068
Nonferrous metals	14	14,086
Paper, printing, publishing and allied industries..	14	5,518
Rubber products	6	2,814
Stone, clay and glass products	14	8,166
Textile-mill and other fibre products, and apparel	23	13,713
Timber, furniture, lumber products	7	1,385
Transportation (airplanes, ships, vehicles)	13	152,752
Miscellaneous	16	6,669
Military establishments (industrial in operation)	5	24,630
All industry groups	236	370,474

DEPARTMENT OF HEALTH

Of the 236 different plants visited, 56% employed less than 500 workers. It has been frequently demonstrated that it is the smaller plants that need industrial hygiene service more than the larger ones.

Follow-up visits totaling 79 were made to the 236 plants listed in the table, giving a total of 315 plant visits. During these 315 visits, 382 investigations of the following types were made: environmental engineering (50%), medical (37%), and nursing (13%). Evidence that the work of the Bureau is becoming increasingly recognized and approved lies in the fact that of the 315 plant visits made by staff members, 150 or 48% were made on request, while 165 or 52% were self-initiated. This is an improvement over the preceding year when only 20-25% of the plant visits were requested, the remainder being self-initiated. Since this Bureau is a service organization; without regulatory power, requests for consultation make up the most effective means for carrying on industrial health activities.

ENVIRONMENTAL ENGINEERING SERVICES

Visits totaling 166 were made during which environmental engineering problems relating to the control of toxic dusts, fumes, vapors, gases, the improvement of lighting, ventilation or other workroom conditions were examined. Over 55% of these consultations were requested, the remainder being self-initiated. Some 320 field determinations of temperature, humidity, air flow, carbon monoxide, mercury vapor, and the like were made during these visits, and 140 laboratory analyses were made on specimens brought back to the laboratory of the Bureau. These included air samples of silica and asbestos dusts, manganese, lead, hydrocarbons, aldehydes, acid mists, DDT, zinc, hydrogen cyanide, and other materials. Several public health nuisances were investigated. Recommendations for the improvement of working conditions were made where needed. Compliance amounted to about 50%.

MEDICAL SERVICES

Surveys totaling 143 in number were made of quarters, equipment, personnel and policies of plant medical departments. About 30% of these surveys were as the result of requests. Vigorous recommendations were made where needed during these investigations for the improvement of the medical programs, with especial attention to the quality of medical service rendered by the plant, explanation of its purpose to workers, and the maintenance of medical records in a confidential manner between physician and employee.

BUREAU OF INDUSTRIAL HEALTH

73

NURSING SERVICES

Plant visits during which nursing consultation was given numbered 49, 28 of them being on request. Emphasis was laid on the importance of standing orders for each plant nurse not under the full-time supervision of a plant physician. Assistance was given to community nursing organizations in inaugurating their industrial nursing activities. A roster of industrial nurses in the State was compiled.

GENERAL

The promotion of industrial health depends on the concerted efforts of a diverse group of organizations. During the year our Bureau co-operated closely with the U. S. Public Health Service, Army, Maritime Commission, War Production Board, War Food Administration and other official agencies. Support and requests for service were received from state labor organizations. This Bureau worked closely on specific problems with other Bureaus in the Department that were also concerned, notably the Bureaus of Local Health Administration, Venereal Disease Control, and Tuberculosis Control.

Instruction was given in five courses in industrial hygiene engineering that were sponsored by Rutgers University under its Engineering, Science, Management War Training program. This activity was one of the most important of the year in promoting industrial health interest, for these courses, with a total enrollment of 125, were so far as is known the first in industrial hygiene to be given in New Jersey.

Increased efforts were made to bring to the attention of all those interested in industrial health knowledge of facilities that are available through this Bureau. This phase of our work is necessary because the Bureau is new, and not yet well known. A mailing list was compiled covering those industries which by the nature of their operations have need of industrial health programs. Other educational activities were as follows:

Leaflets on dermatitis, standing orders for nurses, nursing practices, and on the services of the Bureau were prepared.

Exhibits were presented to four groups.

Papers were prepared for publication in four civic and scientific journals.

Lectures or talks were given to 16 groups, and radio interviews were participated in twice.

DEPARTMENT OF HEALTH

CHANGE OF NAME

On March 14, 1944, the State Board of Health changed the status of the Industrial Hygiene Service from an activity to a bureau. At the same time the word "hygiene" was changed to "health," so that the name became Bureau of Industrial Health. It was felt that the latter title more fully described the broad health functions of the Bureau. This vision on the part of the Board and the Director of Health received favorable editorial comment in several national scientific journals, and it has set the pace that other State bureaus with similar activities will without doubt eventually follow.

TUBERCULOSIS CONTROL

Photofluorographic chest X-rays for the detection of pulmonary tuberculosis were made in many industrial plants during the year by the mobile units of the Bureau of Tuberculosis Control. Details of these surveys are omitted from this report because they are included in the report of the above Bureau. The function of the Bureau of Industrial Health in this program has been to interest management and worker groups in having the X-ray surveys made, to complete preliminary arrangements, and then to refer the project to the Bureau of Tuberculosis Control for actual X-raying and follow-up of suspicious cases. In carrying out this function, representatives of the Bureau of Industrial Health made 33 special plant visits not included in the figures already given. There is now a far greater demand for this X-ray service than can be met with available equipment in the Department.

Report of the Rabies Control Program

For the Year Ending June 30, 1944

By DR. J. S. McDANIEL, *Veterinarian-in-Charge*

The Rabies Control Unit, now in its third year of operation, collected \$79,061.00 in dog registration tag fees from July 1, 1943 to June 30, 1944, as required by chapter 151, P. L. 1941, the Dog Control Law. This sum covered dog licenses issued to 316,244 owners.

THE INCIDENCE OF RABIES IN NEW JERSEY

According to reports received in the Rabies Control Unit for the fiscal year ending June 30, 1944, 53 cases of canine rabies and 1 case of human rabies were reported as follows:

RABID DOGS FROM JULY 1, 1943, TO JULY 1, 1944

Bergen	13 (12 canine, 1 human)
Essex	2
Hudson	25
Hunterdon	2
Monmouth	1
Passaic	8
Union	2
Warren	1
	—
Total	54

QUARANTINE

As a result of an outbreak of rabies in Westchester County and in the Bronx, New York, North Jersey municipalities, inasmuch as they are readily accessible from these areas, were advised of the potential danger that rabies might spread within their jurisdiction and were respectfully requested to invoke a quarantine as stipulated in R. S. 26:4-84. It was pointed out that the utilization of this legal device would serve to protect the public from the danger threatened and would also aid local officials in eliminating stray and unwanted animals in their municipalities. The Rabies Control Unit received excellent co-operation, and, out of 28 municipalities contacted, approximately 75% followed the advice of the Rabies Control Unit.

VIOLATORS FINED FOR NON-COMPLIANCE WITH PROVISIONS OF THE
RABIES CONTROL ACT

Court cases were instituted against violators of provisions of the Rabies Control Act as follows:

Bayonne, Hudson County	114
North Arlington, Bergen County	6
Helmetta, Middlesex County	1
Lawrence Township, Cumberland County	26
Monroe Township, Middlesex County	23
Washington Township, Morris County	6
Belleville, Essex County	20
Englewood Cliffs, Bergen County	14
Millstone Township, Monmouth County	10
Total	220

A total of \$454.00 was collected in fines.

DOG POUNDS IN THE STATE OF NEW JERSEY

R. S. 4:19-15.16 provides for the seizure and impounding of all dogs, the owners of which have not complied with the provisions of the act, as well as all stray dogs, by legally constituted authorities in each municipality.

Since the public is required by State statute to license all dogs over seven months of age, it has a right to expect that all animals be given reasonable care while impounded. "Reasonable care," it would seem, should include humane handling, wholesome food in sufficient quantity at regular intervals, water, and clean and well-ventilated quarters so constructed that each animal impounded may be out of contact with all other animals in the pound, thus eliminating the possibility of exposure to disease and parasites. The act further requires that when dogs are destroyed it be done in as humane a way as possible. The most popular means now employed is that of the gas chamber into which lethal gas is introduced, properly cooled, and the animal is therefore killed without pain.

Any animals not called for by their owners after seven days are immediately destroyed; animals suspected of being rabid are held under observation until sufficient clinical symptoms develop. The provisions of the act are thus met, which result in advancing materially the fundamental purpose of the act, *i.e.*, the elimination of rabies within the confines of the State of New Jersey.

REPORT OF THE RABIES CONTROL PROGRAM 77

SURVEY NOW BEING MADE

The Rabies Control Unit is now busily engaged in a survey and "scoring" of each pound within the State, preparatory to improving the conditions under which animals seized are handled. While a preliminary study of the first inspection indicates there are many pounds in need of reconstruction to comply with a common-sense view of this matter, a fair proportion already meet the rules and regulations promulgated by the New Jersey State Department of Health with the co-operation and assistance of the State Department of Agriculture.

The City of Passaic, for instance, now maintains what might be considered an ideal pound. This building is inexpensive but of substantial construction, well-ventilated, contains individual pens for impounded dogs, and a full-time warden gives the animals all the care that any reasonable person could expect. It must be realized that there are many small municipalities where it would not be expedient to construct a pound meeting all the specifications now imposed. It is the thought of the Rabies Control Unit that a consolidation of several such communities into a district, each municipality paying its **pro rata** share, will eventually solve this part of the problem.

Report of the Bureau of Engineering

For the Year Ending June 30, 1944

By H. P. CROFT, *Chief Engineer*

NUMBER OF SEWAGE, MAUSOLEUM, AND WATER PROJECTS EXAMINED AND APPROVED
FROM JULY 1, 1943 TO JUNE 30, 1944

<i>Character of Projects</i>	<i>Number of Projects</i>	<i>Number of Applying Municipalities, Commissions or Companies</i>	<i>Number of Plans</i>	<i>Engineers' Estimates of Cost</i>
<i>Sewage:</i>				
Sewer extensions	12	10	23	\$47,905.00
Alterations and additions to sewer systems, sewage and/or industrial waste treatment plants	14	14	32	340,950.00
New sewage and/or industrial waste treatment works, systems and appurtenances	6	5	23	633,175.00
<i>Mausoleums:</i>				
Proposed construction of a public mausoleum	1	1	9	600,000.00
<i>Water:</i>				
Alterations, improvements and additions to waterworks	35	32	101	524,177.72
New systems and supplies	5	5	5	4,741.00
Totals	73	67	193	\$2,150,098.72
Total of engineers' estimates of cost for the fiscal year ending June 30, 1943				\$1,456,015.00

INSPECTIONS MADE AND CERTAIN ACTIONS TAKEN FROM JULY 1, 1943 TO JUNE 30, 1944

Inspections, special water, including the compilation of an inventory of small water supplies	460
Inspections, special sewage	267
Inspections, railroad certification	54
Inspections, creamery and/or dairy, laundry and cannery wastes	11
Inspections, physical connections	66
Inspections, watershed	7
Complaints, water; conferences, hearings and meetings	47
Complaints, sewage; conferences, hearings and meetings	53

Two hundred and thirty-nine man-working days were spent on stream and/or river investigations; 7 man-working days were spent in attending court trials and serving court papers; 136 man-working days were spent in attending meetings, conferences, hearings, etc.; 225 man-working days were spent in the administration of sewage and water treatment and water supply operators pursuant to the provisions of R. S. 58:11-14 through R. S. 58:11-18, and chapter 206, P. L. 1938; 135 man-working days were spent on the Raritan River survey pursuant to the provisions of R. S. 58:12; 115 man-working days were spent on the Delaware River survey pursuant to the provisions of chapter 146, P. L. 1939; 6 man-working days were spent on sanitary surveys; 175 man-working days were spent in the investigation of rural school water supplies; 150 man-working days were spent on post-war planning; 40 man-working days were spent in the investigation of seashore outfalls; 60 man-working days were spent in the collection of surf samples.

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

Bellmawr, Borough of	2
Cedar Grove Township	4
East Brunswick Township (Anheuser-Busch, Inc., Old Bridge)	3
Middlesex, Borough of	10
New Brunswick, City of	17
Raritan, Town of	13
Raritan Township (Camp Kilmer)	9
Sayreville, Borough of (Titanium Pigment Division, National Lead Company) ..	14
Somerville, Borough of	17
South River, Borough of	3
Teaneck Township	9
Upper Deerfield Township (Deerfield Packing Corporation)	14
Wrightstown, Borough of	7

Sanitary inspections were made upon the following streams and/or rivers:

Cohansey River	Navesink River
Crooked Brook	Overpeck Creek
Delaware River	Passaic River
Foster's Run	Peckman River
Hackensack River	Pequannock River
Indian Run	Rahway River
Luppatcong Creek	Ranccocas Creek
Metedeconk River	Raritan River
Mile Run	Stony Brook
Milistone River	Wolf Creek

Cases referred to the Attorney-General for prosecution pursuant to the provisions of R. S. 26:2-43, R. S. 58:10-1, R. S. 58:11-1 through R. S. 58:11-3, R. S. 58:11-14 through R. S. 58:11-18 and chapter 206, P. L. 1938, and R. S. 58:12-2.. 32

BUREAU OF ENGINEERING

Notices issued to cease stream pollution pursuant to the provisions of R. S. 58:10-1 through R. S. 58:10-4, the Potable Water Act	5
Notices issued to prohibit the use of water unless treated and/or purified pursuant to the provisions of R. S. 58:11-1 through R. S. 58:11-3	8
Notices issued pursuant to the provisions of R. S. 58:12-1 through R. S. 58:12-3, the State Sewerage Act	3
Notices issued to abate nuisances or sources of foulness pursuant to the provisions of R. S. 26:2-43	2
Notices issued pursuant to the provisions of chapter 308, P. L. 1942, to abate or remove the unapproved physical connections between approved sources of public potable water supplies and unapproved water supplies	10
Orders of Necessity issued pursuant to the provisions of R. S. 40:1-16, subdivision "g"	4
Resolutions rescinding the terms of notices pursuant to R. S. 58:12-2 through R. S. 58:12-3	3
Resolutions rescinding terms of notices pursuant to the provisions of R. S. 58:11-1	7
Resolutions requesting Attorney-General to discontinue proceedings pursuant to the provisions of R. S. 58:11-1 and R. S. 58:12-2 through R. S. 58:12-3	6
Resolutions requesting Attorney-General to institute proceedings for failure to comply with the terms of final decrees or writs of injunction, pursuant to the provisions of R. S. 26:2-43	9
Resolutions rescinding permits authorizing the construction and operation of sewer extensions	1
Resolutions lowering classification of water supply license pursuant to the provisions of R. S. 58:11-14 through R. S. 58:11-18	1
Resolutions granting permission to discontinue submission of analytical data.....	1
Resolutions granting permission to licensed sewage and water treatment plant and water supply operators to operate more than one utility	2
Resolutions confirming action of Director of Health in a letter to the Attorney-General requesting the adjournment of hearing	1
Resolutions acquiescing in the discharge of settled and chlorinated sewage into the waters of the State until such time as labor and material shall be available in the open market for the construction of sewage disposal facilities	2
Resolutions amending Rules and Regulations in accordance with the provisions of R. S. 58:11-14 through R. S. 58:11-18 and chapter 206, P. L. 1938	2
Resolutions rescinding permits for the construction and use of water supplies and removing supplies from list of approved supplies	1
Resolutions amending permits for the construction and use of water from public potable water supplies	1
Resolutions approving location of proposed wells as sources of public potable water supplies	3
Resolutions approving sites for proposed sewage treatment plants	1
Resolutions approving methods of proposed sewage treatment	1
Resolutions modifying permits to the extent that disinfection of water shall be discontinued as long as water continues to meet the standards	1
Resolutions extending approvals of plans, specifications, etc., for partial sanitary sewer systems for a two-year period	1
Resolutions appointing special watershed inspectors	1
Resolutions disapproving plans, etc., for additions and alterations to sewage treatment plants, sewer systems, etc.	2

Resolutions denying permits to construct additions and alterations to sewage treatment plants, sewer systems, etc.	7
Resolutions denying permits for the construction and distribution of water from proposed additional sources of public potable water supplies	2

CHANGES IN ACTIVITIES

Due to a decrease in personnel and travel restrictions, the following activities have been discontinued: the collection and analyses of stream samples at stations established, jointly or separately, by the State Water Policy Commission and the State Department of Health; the collection and analyses of routine samples from certain water supplies important in war and defense activities; the routine inspection of all water treatment and/or purification plants; the routine inspection of all sewage treatment plants; and, the investigation of inland recreational waters and the collection and analyses of samples from such waters.

The following activities have been curtailed: the inspection of sewage treatment plants and outfall pipes at seashore municipalities; the collection and analyses of bay and surf samples; routine watershed inspections; inspections that relate to taste and/or odors in public water supplies; inspections that relate to stream pollution, alleged to adversely affect comfort or property; algae investigations; inspections of land areas adjacent to shellfish areas; and, legal actions based upon the provisions of the State Sewerage Act (R. S. 58:12-1 through R. S. 58:12-4).

Activities have continued, or have been intensified, upon the following lines of work: the safeness of public water supplies including those at the seasonal resorts in the lake sections of the State; the safeness of water supplies at rural schools; the supervision of cross-connection installations (chapter 308, P. L. 1942); the abatement of stream pollutions that (a) violate the provisions of the Potable Water Act (R. S. 58:10-1 through R. S. 58:10-4), or (b) produce conditions that may adversely affect the health of groups of inhabitants; the certification of water used by interstate carriers; the enforcement of the police powers that relate to water supplies, sewerage systems and stream pollution and are lodged in the Department for enforcement; the consummation of legal actions already begun, or, authorized by Board action; and, long range surveys begun before the war.

CHANGE IN BUREAU'S TITLE

At a meeting of the Department held on March 14, 1944, it was on motion voted "that the title of the present Bureau of Engineering be changed to the Bureau of Engineering and Sanitation, the duties and functions of the afore-said Bureau of Engineering and Sanitation to remain for the present the same as those of the Bureau of Engineering."

Report of the Bureau of Food and Drugs

For the Year Ending June 30, 1944

By WALTER W. SCOFIELD, *Chief*

The Bureau of Food and Drugs enforces laws passed by the Legislature to prevent the adulteration and misbranding of foods, drugs, devices and cosmetics, and also those laws passed to prevent the handling, preparation, storage and transportation of foods or drugs under unclean conditions.

Difficulties in maintaining high standards for foods, drugs and cosmetics are increased in times of war because of shortages of skilled labor and because of shortages of raw materials and equipment available to food handlers. The staff of the Bureau of Food and Drugs has been reduced as our men have entered the armed forces and it has been impossible to employ temporary replacements for certain positions. However, the employees who have remained have met every emergency by working overtime voluntarily under difficult restrictions governing traveling.

Certain of these war-time food, drug and cosmetic problems will be discussed in this report.

During the year samples of the basic foods, milk, butter, cream, ice cream and meat products have been collected by agents of this Department, as sold to the public.

An increase in the number of samples of milk which had been adulterated by the addition of water was noted. Legal actions were instituted in these cases for the collection of the penalties fixed by law.

With few exceptions, the samples of butter, cream and ice cream complied with the standards fixed for these products. Penalties were demanded where the samples differed from the legal standards.

Samples of hamburg steak and pork sausage have been collected. Again a large percentage of the samples were adulterated by the addition of excessive quantities of fat. As pointed out in the report of 1942-1943, the practice of grinding and selling beef containing between 20 per cent and 45 per cent of fat and selling sausage containing as high as 60 per cent of fat deprives the people of valuable protein needed to maintain strength and defrauds them by

the substitution of fat for lean meat. This practice also results in the waste of large quantities of fat needed in the prosecution of the war. A large number of warning notices have been sent to the persons or firms selling such adulterated meat products.

INVESTIGATION OF "READY-TO-EAT" HAMS

During the past year, agents of the Bureau, in co-operation with a bacteriologist from the Bureau of Bacteriology of this Department, have made a thorough investigation of the methods used in the processing of "ready-to-eat" or "ready-to-serve" hams as prepared in the meat packing establishments of this State. A complete report of this investigation appears in the issue of the "Public Health News" of this Department for April, 1944.

FROZEN FOODS

During the past year, several plants in New Jersey were equipped for the freezing and storage of frozen foods. In most of these newer cold storage warehouses, private rooms are rented by the warehousemen to individuals. It has been our opinion that the storage of foods in such warehouses in which rooms or compartments are maintained below a temperature of 45° F. come within the provisions of the Cold Storage Law of New Jersey and consequently these locker plants are required to obtain a license from this Department and to operate these establishments in compliance with the provisions of the law and regulations governing the cold storage of food. The Cold Storage Law of the State defines a "cold storage warehouse" as any place artificially cooled to or below a temperature of 45° F. in which articles are placed or held for 30 days or more. In some cases, these newer cold storage establishments have received large quantities of fresh vegetables for freezing and storage. In two instances which have come to our attention, large quantities of green vegetables have been prepared at points distant from the location of the cold storage warehouse and because of failure to prepare the vegetables for freezing by proper blanching, packaging and transportation to the warehouse, or because of inability to carry out all of the steps in the preparation and freezing of the vegetables rapidly, large quantities of vegetables have decomposed and have been found unfit for food. In two instances, large quantities of vegetables found in violation of the food law of the State have been destroyed under the supervision of agents of this Bureau and additional large quantities of vegetables have been placed under embargo by this Department pending final judgment in certain litigation between different interested parties regarding responsibility for the improper handling of the food.

Following the discovery of these two large lots of decomposed vegetables, it was deemed wise to send a letter of advice to the operators of cold storage warehouses in New Jersey advising them to refrain from accepting foods for quick freezing and/or storage unless such foods had been properly prepared for freezing and/or storage.

FOOD ADULTERATIONS INVOLVING FILTH AND DECOMPOSITION

During the past year, emphasis has been placed upon the inspection of stocks of foods to prevent the distribution and sale of foods contaminated with insects, insect fragments, rodent excreta or other foreign contamination. Large stocks of flour stored in bakeries or other food establishments were found contaminated with weevils and rodent excreta. During the year, 10,386 pounds of flour were condemned and destroyed because of excessive filth from such insects or rodents. Most of the contamination of flour resulted from improper storage conditions or lack of care in handling flour promptly.

A shortage of metal containers stimulated the dehydration of certain vegetables which could be placed upon the market in fiber containers. Samples of dehydrated foods were collected and in several cases these foods were found to be contaminated with insects and insect fragments. Where the dehydrated foods were made in New Jersey, action was taken to correct the methods of preparation to eliminate the possibility of contamination. Where the dehydrated foods were prepared in other States, information was submitted to the Federal Food and Drug Administration for investigation. The practice of allowing valuable foods to spoil during a war period because of improper methods of preparation, handling and storage is most reprehensible.

INSPECTION OF HOTEL AND RESTAURANT KITCHENS AND DRUG STORE LUNCHEONETTES

The employment of many people in war industries, particularly housewives, has caused more people than ever before to patronize public eating places. It is increasingly difficult to secure labor willing to perform the disagreeable tasks of washing dishes and cleaning cooking and kitchen equipment at wages below that paid in other industries.

The preparation and the service of food or drink in glasses, containers or kitchen equipment which have not been thoroughly washed and rinsed after use may result in the transfer of living micro-organisms capable of causing disease. Consequently, the Bureau has demanded that all eating, drinking and kitchen equipment be cleansed thoroughly before re-use.

In the inspection of kitchens of public eating places, particular attention has been paid to the protection of perishable foods by proper refrigeration; to the measures taken to prevent contamination of foods by insects and rodents, and to the proper disposal of garbage.

During the year, 1,871 inspections have been made of hotel and restaurant kitchens and drug store luncheonettes.

DAIRY FARM AND MILK PLANT INSPECTION

Responsibility for the production, handling and distribution of milk, cream and milk products, under Title 24, chapter 10, Revised Statutes of New Jersey, is placed in the Bureau of Food and Drugs, and carried out by means of a licensing system.

Local boards of health have authority to enforce the provisions of the law within their respective jurisdictions. Certain local boards are not adequately equipped with personnel necessary to carry on supervision of milk supplies. Work is co-ordinated with that of the State Department whenever possible. This Department has received excellent co-operation from these agencies in the inspection of dairy farms and milk plants.

Reasonable tolerance is always exercised by our representatives in the performance of their duties. When the violation proves to be a menace to public health, however, prosecutions are instituted and licenses revoked.

The national defense program, coupled with a severe drought, has resulted in extensive changes in the order of business in many milk plants, necessitating additional supplies of milk. Lack of funds and manpower have compelled the issuance of temporary emergency permits for the importation of milk or cream upon certification of its fitness by a recognized health agency. Later inspection of some of these supplies by our own representatives proved that they failed to meet the minimum requirements of our law and their permits were revoked.

Special investigations were made in milk pasteurizing plants following the receipt of laboratory reports indicating inadequate pasteurization. The causes for this were varied but fell into certain well-defined groups such as worn-out equipment, improperly-operated manual controls, or careless methods. In all cases, the cause was discovered and the condition corrected. This emphasizes the need of close supervision by our inspectors in the operation of all milk pasteurizing plants in order to secure the safety of milk and milk products for food.

BUREAU OF FOOD AND DRUGS

87

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

<i>State</i>	<i>Number of Inspections of Milk Plants</i>	<i>Number of Inspections of Dairies</i>
Delaware	1	18
Maryland	3	59
Michigan	2	32
New York	3	19
New Jersey	1,907	3,340
Ohio	2 .....	..
Pennsylvania	21	141
Wisconsin	11	58
	<hr/> 1,950	<hr/> 3,667

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

<i>State</i>	<i>Number of Inspections of Milk Plants</i>	<i>Number of Inspections of Dairies</i>
Delaware	1	24
Indiana	1	94
Maryland	2	25
Michigan	3	58
New York	158	3,650
Pennsylvania	83	2,943
Wisconsin	5	153
	<hr/> 253	<hr/> 6,947

MILK MISBRANDING

During the year it became the practice of certain milk dealers to sell milk under special symbols. A section of the State law provides that this may be done providing a statement regarding the meaning of such symbols and the food value of the milk is filed with this Department. A number of such statements were filed with this Department during the year. It has also become a practice for certain dealers to label packages of milk with the minimum butterfat content of the milk. For example, the statement "Minimum Butterfat 4%" is used on bottle caps by certain dealers. While this idea of informing the purchasers of the fat content of the milk is an excellent idea and is encouraged by the Department, in a considerable number of cases the milk so labeled has been found to contain considerable less fat than the amount declared upon the cap or label. False and misleading information on pack-

ages of milk constitutes "misbranding" within the meaning of the law and many penalties have been collected for such violations during the year.

A number of samples of milk have been found to be misbranded in that the correct day of pasteurization of the milk did not appear upon the package. For instance, milk pasteurized on a particular day, such as Monday, may be offered for sale bearing the words "Pasteurized Tuesday." Such a practice constitutes "misbranding" under the law and it has been necessary to impose penalties in a number of cases. The consumer is entitled to know the truth regarding the day and place of pasteurization of milk and every effort will continue to be made to enforce this requirement of the law.

SLAUGHTERHOUSES

Because of the unusual demand for meat by the armed forces during the last year, there were periods when meat was very scarce for civilians. The unusual demand stimulated the slaughter of meat animals at the slaughterhouses in New Jersey to make up for the deficiency of meat coming from the mid-western part of the country. Because of the unusual activity in the abattoirs of this State, inspectors of the Bureau have made 784 inspections of the 139 licensed slaughter-houses of this State. The primary purpose of these inspections was to enforce the provisions of the State law governing sanitation of such establishments and also, during such visits to the slaughterhouses, to make thorough inspections of the meat as to its wholesomeness for food and of the effectiveness of the processes used in the preparation of meat products. In general, the slaughter-houses of the State have been found to be operated under clean conditions. In a few instances, it has been found necessary to serve notice upon such operators to abate violations. It is again pointed out that in many of the establishments, processes were employed which were not effective in rendering meat or meat products "ready-to-eat" as represented by the meat distributors. These findings led to a thorough investigation of the practices employed in the preparation of "ready-to-eat" hams.

BUREAU OF FOOD AND DRUGS

Our agents report that during the year they examined the following quantities of meats, together with the quantity of meats which were condemned and destroyed as being unfit for food purposes:

	MEAT INSPECTIONS		Condemned	
	<i>Passed for Food</i>		<i>Carcasses Pounds</i>	
	<i>Carcasses</i>	<i>Pounds</i>	<i>Carcasses</i>	<i>Pounds</i>
Beef	923	21,700	2	32
Pork	335	7,725	..	285
Horse	30	2,000	..	..
Lamb	83	....	..	..
Veal	167	....	..	..

Summary of articles of foods condemned and destroyed, which were found to be adulterated:

<i>Article</i>	<i>Amount</i>
Bread flour	10,321 pounds
Corn meal flour	65 pounds
Corn starch	150 pounds
Frozen asparagus	21,545 pounds
Imitation cocoanut grindings	25 pounds
Macaroni pellets	12,640 pounds
Nonalcoholic beverages	12,168 bottles
Powdered milk	50 pounds
Powdered sugar	75 pounds

SUMMARY OF EXAMINATIONS OF SAMPLES OF DRUGS AND CAUSTIC ALKALIES

Certain drugs and caustic alkalies were selected for collection and examination for the purpose of ascertaining whether or not these articles were prepared and sold in accordance with the official definitions and standards and also in accordance with the provisions of law which require the declaration of the active ingredients, of adequate directions for use and of adequate warnings against unsafe use.

The following table shows the total number of the different drugs and caustic alkalis collected in these surveys, together with the number of each which were found to comply with the provisions of the law, the number which differed from the official standard, and the number which were misbranded:

<i>Product Collected</i>	<i>Number Collected</i>	<i>Number Misbranded</i>	<i>Number Adulterated</i>	<i>Number Properly Labeled and Standardized</i>
Blue ointment	58	40	..	18
Brown mixture	64	44	3	17
Burrow's Solution	59	17	22	20
Calamine lotion	154	54	31	69
Diluted hydrochloric acid	54	27	27	..
Essence of peppermint	1	..	..	1
Household ammonia water	30	1	4	25
Isopropyl alcohol	2	2	..	..
Lye and other caustics	38	..	..	38
Mild tincture of iodine	61	8	28	25
Paregoric	59	40	2	17
Solution magnesium citrate	71	13	17	41
Stoke's Expectorant	82	61	..	21
Sulfathiazole ointment	2	2	..	..
Tincture of iron	46	43	3	..
Miscellaneous drugs	10	6	2	2

In addition to the work shown in the above compilation regarding drugs, inspectors of the Bureau visited 98 pharmacies throughout the State and requested barbital tablets, which are prohibited from sale excepting upon prescription. Only one violation occurred.

In another investigation, our agents visited 106 pharmacies throughout the State and requested benzedrine sulphate tablets, which are prohibited from sale excepting upon prescription. In this investigation, only one sale was made.

In certain cases where flagrant violations of the law were found, prosecutions were instituted for the collection of the penalties fixed by the law.

In many cases of misbranding in which adequate directions for use and adequate warnings against possible dangers in use were omitted, warnings were sent to the persons or firms preparing and distributing the articles to correct these labelings.

BUREAU OF FOOD AND DRUGS

PENALTIES

During the year, \$10,147.75 was collected in penalties and costs for violations of the Food and Drug Laws.

FEEs

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

662 Milk Permits	@	\$25.00	\$16,550.00
11 Goat Milk Permits	@	10.00	110.00
22 Ice Cream Plant Licenses	@	100.00	2,200.00
9 Ice Cream Plant Licenses	@	50.00	450.00
8 Ice Cream Plant Licenses	@	25.00	200.00
39 Ice Cream Plant Licenses	@	10.00	390.00
455 Ice Cream Plant Licenses	@	5.00	2,275.00
48 Cold Storage Licenses	@	10.00	480.00
1 Narcotic Drug License	@	50.00	50.00
42 Narcotic Drug Licenses	@	5.00	210.00
<hr/>			
1,297			\$22,915.00
Refund of 1 Cold Storage License Fee			—10.00
<hr/>			
			\$22,905.00

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

	<i>Above Standard</i>	<i>Below Standard</i>	<i>Misbranded</i>	<i>Total</i>
Milk and Cream	5,302	128	177	5,607
Foods	1,731	627	52	2,410
Drugs	297	137	352	781
Miscellaneous	7	9	3	19
	<hr/>	<hr/>	<hr/>	<hr/>
	7,337	901	584	8,817

DEPARTMENT OF HEALTH

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

	<i>Inspe- tions</i>
Alcoholic Beverage Plants	7
Apple Cider Plants	6
Bakeries	2,119
Candy Factories	19
Canning Factories	108
Cold Storage Warehouses	517
Dairies	3,667
Drug Manufacturing Plants	2
Drug Stores	2
Egg Breaking Establishments	139
Fish Smoking Establishments	5
Grain and Flour Warehouses	10
Ice Cream Manufacturing Plants	464
Meat Markets	21
Meat Packing Establishments	43
Milk Plants	1,950
Miscellaneous Food Establishments	11
Non-Alcoholic Beverage Establishments	286
Poultry Slaughterhouses	39
Restaurants and Hotel Kitchens	1,871
Shellfish Shipping Plants	1,321
Shellfish Shucking Plants	432
Shellfish Inspections (Miscellaneous)	64
Slaughterhouses	784
Syrup Bottling Plants	2
Wineries	2
	13,891

COLD STORAGE

Section 24:9-12 of the Revised Statutes (the Cold Storage Act), provides that the State Director of Health shall extend the period of storage beyond twelve months for any particular article of food, providing the food is found to be in proper condition for further storage. A report on each particular lot of food on which extensions of time were granted shall be included in the annual report of the Director of Health. During the last fiscal year from July 1, 1943 to June 30, 1944, extensions of time were granted for the storage of food in cold storage, as follows:

BUREAU OF FOOD AND DRUGS

93

<i>Quantity</i>	<i>Article</i>	<i>Extension Granted</i>
1,220 boxes	cheese	3 months
290 boxes	cheese	1 month
564—30-lb. cans	egg yolks	1 month
425—30-lb. cans	egg yolks	2 months
1,639—30-lb. cans	whole eggs	15 days
8,714—30-lb. cans	frozen eggs	6 months
341 boxes	fresh meat	15 days
35 cartons	fresh fish	15 days

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

**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 1943-1944**

ARTICLE	July 1943	August 1943	September 1943	October 1943	November 1943	December 1943	January 1944	February 1944	March 1944	April 1944	May 1944	June 1944
Eggs, cases	327,593	326,623	294,956	212,174	104,779	95,423	115,092	192,862	277,131	271,518	500,275	553,585
Eggs, broken, lbs.	5,138,431	6,697,596	6,103,720	4,826,607	4,348,255	3,267,803	3,654,789	4,304,235	4,515,583	4,986,440	4,869,317	5,929,717
Cheese, lbs.	4,296,844	5,033,680	5,985,593	6,414,313	4,646,061	4,512,058	7,473,613	12,242,428	11,750,638	12,043,650	14,134,690	16,204,966
Butter, lbs.	17,836,337	22,090,598	22,638,835	19,073,658	13,831,676	11,801,587	9,761,835	9,208,975	4,647,051	4,905,310	5,909,552	8,168,203
Poultry, lbs.	4,654,570	6,244,669	6,773,127	9,722,244	13,600,717	13,351,985	12,666,397	8,664,749	9,467,503	8,537,660	8,294,383	11,227,124
Fresh meats, lbs.	20,986,705	23,482,321	24,807,577	24,266,232	27,217,382	23,650,329	29,608,891	41,682,042	31,193,342	34,941,579	39,243,831	35,313,098
Fresh fish, lbs.	4,575,759	7,365,390	5,017,232	6,341,349	6,110,741	4,887,612	3,980,088	2,388,139	1,905,629	3,704,425	6,224,498	6,585,998
Milk and milk products, lbs.	2,576,702	2,644,818	2,708,953	2,741,157	2,028,822	2,607,629	1,328,182	1,081,721	1,124,511	1,327,124	1,496,760	1,902,839
Edible fats and oils, lbs.	15,214,672	20,804,657	18,798,810	14,562,626	10,532,219	12,059,141	22,478,752	28,936,987	27,409,576	30,379,813	18,404,823	15,475,281
Game, lbs.	2,091	2,091	3,202	2,050	8,040	9,308	4,172	360	3,308	9,884	707	558
Miscellaneous articles, pkgs.	736,773	694,619	855,919	1,141,270	1,119,237	1,132,167	1,293,485	1,120,847	1,049,025	923,302	697,910	651,512

SANITARY SHELLFISH CONTROL

The Shellfish Division program was carried out completely despite war shortages and restriction of navigation. The Bureau was able to maintain three shellfish field laboratories, to keep a trained bacteriologist at each station, and to operate the necessary boats in inland waters. The program included sanitary surveys of growing waters, sampling and bacteriological examination of growing waters and shellfish, and frequent inspections of shippers and dealers.

Large volumes of hard clams, shucked oysters, shell oysters, shucked soft clams and shell soft clams were shipped, adding a valuable food to the nation's diet. Near the end of the year, mussels began to move into the markets in considerable quantity; control of sanitation of this product threw an additional load upon the personnel, but if the market is maintained, will increase the volume of shellfish produced in the State. Sanitary regulation of the large oyster shucking industry was strictly enforced, resulting in a product of high quality. Shucked oysters from these carefully controlled establishments are shipped all over the nation in one gallon cans packed in cracked ice. All kinds of shellfish in the shell are shipped to markets in nearby States and in New Jersey, which is a large consumer of sea food.

The possibility of pollution arising from increased personnel at Coast Guard stations was investigated. Areas adjacent to army camps, war plants and boat yards located in or near shellfish beds were closely watched. However, it was found that pollutions from such sources affected a comparatively small area of the growing waters, with the exception of Raritan Bay.

The greater part of Raritan Bay has been closed to the taking of shellfish due to the influx of enormous volumes of sewage-laden waters from the large metropolitan and industrial areas lying to the north; these waters can not be measurably improved until after the war.

The effect upon shellfish in Delaware Bay of pollution existing in the Delaware River in the Philadelphia-Camden area has been studied for several years. Sanitary surveys have been conducted from the lower part of the bay up to the Philadelphia-Camden bridge. In August, 1943, such a survey was again made which demonstrated the presence of deplorably polluted river waters in the metropolitan area. This pollution constitutes a serious menace to the large shellfish industry at Maurice River. Growing waters in Delaware Bay and Maurice River Cove must be closely watched and frequently examined. Steps are being taken by the Department to obviate this menace to this important food industry.

The use of the 61-foot shellfish control boat "Inspector" has been invaluable in making studies of the Delaware River. It is equipped with a laboratory in which complete bacteriological studies can be carried on, and chemical analyses conducted, on extended trips. This boat also was employed in investigation of coastal areas from Bay Head to Cape May, and during the year logged 1,258 miles in six months of commission.

During the fiscal year ending June 30, 1944, there were examined 1,669 samples of water, 295 samples of shucked oysters, 212 samples of shell oysters, 441 samples of hard clams, 74 samples of soft clams and 14 samples of mussels, making a total of 2,705 samples examined in the various laboratories.

There were also made 1,321 inspections of shellfish handling establishments; 432 inspections of shucking establishments and 64 miscellaneous inspections, totaling 1,817 inspections. Three hundred and twenty-seven establishments were granted shellfish shipping certificates by the Department.

Report of the Bureau of Bacteriology

For the Year Ending June 30, 1944

By JOHN H. SPOONER, JR., *Senior Bacteriologist*

During the fiscal year ending June 30, 1944, the Bureau of Bacteriology was grieved by the loss of its esteemed chief, John V. Mulcahy, who had been chief since December, 1922, and had seen the laboratory expand tremendously in the number of employees, specimens examined, and services rendered to physicians, health departments and other bureaus throughout the State.

Mr. Mulcahy had been in poor health for nearly a year and suffered a pneumonia attack in November, 1943. He recovered partially and returned to work only to be hospitalized in April. He retired from State service on June 15, 1944, having been with the Health Department for 41 years. On August 3, 1944, he passed on, never recovering sufficiently to leave the hospital.

Mr. Mulcahy will be remembered for his kindly interest and sympathy toward all his personnel, his keen appreciation of all matters pertaining to health work, his fine sense of humor, his unquestioned integrity, and his keen interest in life and the life of his fellow men. It is only now that he is gone, that we fully realize how great is our loss.

The personnel of this Bureau has been reduced by those who have been called to the armed forces, but by the faithfulness and loyalty of the remaining employees, the work of the laboratory has been carried on efficiently.

TABLE I

TOTAL NUMBER OF SPECIMENS EXAMINED DURING FISCAL YEAR ENDING JUNE 30, 1944	
Diphtheria	4,610
Tuberculosis	8,039
Typhoid fever	2,204
Typhoid bacilli (feces and urine)	3,992
Gonorrhœa	10,159
Syphilis	248,277
Miscellaneous specimens	8,256
Total	285,537

The total number of examinations shown in table I falls below the examinations made in the last fiscal year. This decrease was undoubtedly due to the large number of physicians serving in the Army and Navy. The large increase in serodiagnostic tests for syphilis during the first years of the war reflects the work done for selective service, expanding war plant personnel and war marriages. This demand has reached its peak at present, but the large number of 248,277 examinations made when so many physicians are away and health officials are working with reduced personnel shows the importance attached to this work. The only tests showing an increase are the smears for gonorrhoea, a typical reflection of war. A comparison of the number of tests for syphilis from 1938 to 1944 is shown in Table II.

TABLE II

SPECIMENS OF BLOOD EXAMINED FOR SYPHILIS FROM 1938 TO 1944

1938	97,854
1939	160,663
1940	201,418
1941	256,781
1942	278,209
1943	301,152
1944	248,277

Of the total number of the 248,277 specimens of blood and spinal fluid examined at the laboratory, table III shows the number of tests made on applicants for marriage, required by the premarital law, and on expectant mothers, required by the prenatal law.

TABLE III

Number of pre-marital tests	31,443
Number of positive pre-marital tests	630
Number of pre-natal tests	33,798
Number of positive pre-natal tests	369
Number of Kline tests	36,765
Number of Kahn tests	11,231

Out of 31,443 premarital tests, 630 or a little over one per cent were positive. Of the 33,798 prenatal tests, 369 or a little over one per cent were positive. A considerable number of premarital certificates were issued to service men who had their blood tests made in Army, Navy or other service laboratories.

This Department recognizes premarital blood tests made in all United States service laboratories as well as those made in all State laboratories, and those made in New York City, Philadelphia and Baltimore.

BUREAU OF BACTERIOLOGY

99

Table IV gives a more comprehensive view of the number and types of specimens examined and classified as miscellaneous.

The laboratory expects much more work in this category in the future, especially in malaria and tropical diseases. With this in view a new malaria outfit is being prepared with instructions for submitting both thick and thin smears to the laboratory for examination. This new malaria outfit will be available as soon as the instruction sheets are obtained from the printer.

TABLE IV

MISCELLANEOUS SPECIMENS EXAMINED, POSITIVE, NEGATIVE AND UNSATISFACTORY DURING FISCAL YEAR ENDING JUNE 30, 1944

	<i>Positive</i>	<i>Negative</i>	<i>Unsatisfactory</i>
Rabies	8	90	7
Bacterial infection (blood, body fluids, pus, feces, sputum, urine, etc.)	491	46	6
B. tuberculosis (body fluids, feces, pus, urine, etc.)	22	260	7
B. typhosus (water) .....	..	17	..
Para-typhoid fever	3	1,331	9
B. para-typhosus (feces, urine and water) ..	16	762	..
B. dysentery (feces, urine and water)	5	119	3
Dysentery (blood reaction for)	2	17	..
Gonococcus infection (eye smears)	2	48	1
Gonococcus infection (urine) .....	..	1	..
Hemolytic streptococci (throat cultures)	244	817	..
Malaria	1	51	1
Meningococci	1	56	..
Ophthalmia neonatorum	6	1	..
Ova and parasites	4	514	16
Pneumonia	8	11	..
Rocky Mountain spotted fever (blood reaction for)	5	79	..
Undulant fever (blood reaction for)	88	1,281	1
Blood (culture for type of organism) ...	..	2	..
Feces (culture for type of organism) ...	..	3	..
Urine (culture for type of organism) ...	..	1	..
B. abortus (agglutination test of cow's milk). ..	..	2	..
Treponema pallida	1	6	..
Trichinosis .....	..	1	..
Tularemia	1	46	..
Typhus fever (blood reaction for)	1	11	..
Vincent's angina	100	227	2
Special examination of eating utensils	277	769	4
Other unusual examinations	61	295	8
Total	1,347	6,844	65
Grand total			8,256

DEPARTMENT OF HEALTH

TABLE V

RABIES SPECIMENS, SPECIES OF ANIMALS, POSITIVE, NEGATIVE AND UNSATISFACTORY,
EXAMINED DURING FISCAL YEAR ENDING JUNE 30, 1944

Dogs—Positive, 7; Negative, 70; Unsatisfactory, 7.
Cats—Negative, 9.
Weasels—Negative, 1.
Horses—Negative, 1.
Skunks—Negative, 1.
Squirrels—Negative, 3.
Rats—Negative, 1.
Foxes—Negative, 1.
Human—Positive, 1.
Cows—Negative, 2.
Rabbits—Negative, 1.

A picture of rabies, as reflected by the number of animals examined by the Bureau of Bacteriology over a period of years, can be obtained from table VI.

TABLE VI

YEARLY TOTALS OF ANIMALS EXAMINED FOR RABIES FROM 1935 TO 1944

	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944
Positive	72	150	82	138	262	116	76	45	8	8
Negative	94	121	138	110	237	140	144	129	103	90
Unsatisfactory	12	12	12	17	26	15	7	17	15	7
Totals	178	283	232	265	525	271	227	191	126	105

New Jersey has so far been fortunate in escaping the rabies so prevalent in other States at the present time. We were extremely unfortunate however in having one human case which was proved by microscopic examination and animal inoculation.

TABLE VII

MUNICIPALITIES, ARRANGED BY COUNTIES, FROM WHICH RABID ANIMALS WERE
RECEIVED DURING FISCAL YEAR ENDING JUNE 30, 1944

Bergen County—Hackensack, 1.
Hunterdon County—Clinton, 1; Lebanon, 1.
Monmouth County—Deal, 1.
Passaic County—Paterson, 2.
Union County—Summit, 1.
Easton, Pa.—1.

BUREAU OF BACTERIOLOGY

101

The following charts further tabulate the scope of the work of the Bureau:

TABLE VIII

SPECIMENS EXAMINED FOR DIPHTHERIA BACILLI DURING FISCAL YEAR ENDING JUNE 30, 1944, BY MONTHS

<i>Month</i>	<i>Positive</i>	<i>Negative</i>	<i>Unsatisfactory</i>	<i>Total</i>
July	3	460	20	483
August	1	236	7	244
September	1	410	13	424
October .....	..	369	10	379
November .....	..	273	15	288
December	2	263	4	269
January	10	373	17	400
February	12	396	11	419
March	10	550	7	567
April	4	352	6	362
May	15	375	17	407
June	16	340	12	368
Total	74	4,397	139	4,610

During the year 11 tests were made for the virulence of the diphtheria bacillus, positive 4, negative 7.

TABLE IX

SPECIMENS EXAMINED FOR TUBERCLE BACILLI DURING FISCAL YEAR ENDING JUNE 30, 1944, BY MONTHS

<i>Month</i>	<i>Positive</i>	<i>Negative</i>	<i>Unsatisfactory</i>	<i>Total</i>
July	103	534	10	647
August	72	466	20	558
September	77	477	5	559
October	70	536	10	616
November	65	520	17	602
December	62	539	15	616
January	69	600	4	673
February	90	637	8	735
March	65	673	12	750
April	106	621	20	747
May	81	677	19	777
June	96	651	12	759
Total	956	6,931	152	8,039

DEPARTMENT OF HEALTH

TABLE X

SPECIMENS EXAMINED FOR TYPHOID FEVER REACTION DURING FISCAL YEAR ENDING
JUNE 30, 1944, BY MONTHS

<i>Month</i>	<i>Positive</i>	<i>Negative</i>	<i>Unsatisfactory</i>	<i>Total</i>
July	3	205	5	213
August	1	183	4	188
September	3	210	14	227
October	5	125	10	140
November	5	162	13	180
December .....	..	122	6	128
January	1	167	4	172
February .....	..	158	2	160
March	1	186	2	189
April	3	167	5	175
May	1	201	1	203
June .....	..	229	..	229
Total	23	2,115	66	2,204

TABLE XI

SPECIMENS OF FECES AND URINE EXAMINED FOR TYPHOID BACILLI DURING FISCAL YEAR
ENDING JUNE 30, 1944, BY MONTHS

<i>Month</i>	<i>Positive</i>	<i>Negative</i>	<i>Unsatisfactory</i>	<i>Total</i>
July	5	366	16	387
August	1	252	13	266
September	7	272	15	294
October	5	261	5	271
November	10	252	7	269
December	7	160	2	169
January	3	236	9	248
February	5	221	7	233
March	1	305	5	311
April	41	572	9	622
May	51	477	20	548
June	20	335	19	374
Total	156	3,709	127	3,992

BUREAU OF BACTERIOLOGY

103

TABLE XII

SPECIMENS EXAMINED FOR GONOCOCCI (PUS SMEARS) DURING FISCAL YEAR ENDING
JUNE 30, 1944, BY MONTHS

<i>Month</i>	<i>Positive</i>	<i>Negative</i>	<i>Unsatisfactory</i>	<i>Total</i>
July	69	643	23	735
August	86	625	23	734
September	92	745	42	879
October	78	814	22	914
November	87	716	21	824
December	62	719	15	796
January	67	752	16	835
February	77	786	30	893
March	71	859	28	958
April	86	701	22	809
May	88	781	30	899
June	104	757	22	883
Total	967	8,898	294	10,159

TABLE XIII

MISCELLANEOUS SPECIMENS EXAMINED DURING FISCAL YEAR ENDING JUNE 30, 1944,
BY MONTHS

<i>Month</i>	<i>Positive</i>	<i>Negative</i>	<i>Unsatisfactory</i>	<i>Total</i>
July	164	640	5	809
August	116	540	5	661
September	114	568	6	688
October	119	606	7	732
November	77	535	5	617
December	66	404	2	472
January	82	454	5	541
February	133	543	6	682
March	146	693	2	841
April	147	533	4	684
May	113	696	11	820
June	70	632	7	709
Total	1,347	6,844	65	8,256

DEPARTMENT OF HEALTH

TABLE XIV

SPECIMENS OF BLOOD AND SPINAL FLUID EXAMINED FOR SYPHILIS (COMPLEMENT FIXATION TEST) DURING FISCAL YEAR ENDING JUNE 30, 1944, BY MONTHS

<i>Month</i>	<i>Positive</i>	<i>Doubtful</i>	<i>Negative</i>	<i>Unsatisfactory</i>	<i>Total</i>
July	1,335	674	21,565	1,401	24,975
August	1,545	577	18,412	1,149	21,683
September	1,418	446	19,356	761	21,981
October	1,673	451	19,551	628	22,303
November	1,543	450	17,009	606	19,608
December	1,099	401	13,430	732	15,662
January	1,442	405	16,570	671	19,088
February	1,504	383	16,341	604	18,832
March	1,447	484	17,073	493	19,497
April	1,118	379	15,721	457	17,675
May	1,361	521	18,138	493	20,513
June	1,489	619	23,609	743	26,460
Total	16,974	5,790	216,775	8,738	248,277

The following tables show the number of animal inoculations and results for the fiscal year :

TABLE XV

GUINEA PIG INOCULATIONS FOR TUBERCULOSIS

<i>Material</i>	<i>Positive</i>	<i>Negative</i>	<i>Unsatisfactory</i>
Sputum	7	47	8
Gastric juice	2	53	5
Urine	1	44	5
Chest fluid	3	22	3
Spinal fluid .....	..	6	..
Abscess	1	..	..
Foot .....	..	1	..
Elbow fluid .....	..	1	..
Blood .....	..	1	..
Abdominal fluid .....	..	..	1
Miscellaneous	1	3	..
Total	15	178	22

Total Inoculations. 215

BUREAU OF BACTERIOLOGY

105

When no evidence of rabies is found in the nerve cells of the brain on microscopic examinations and the animal has bitten a person or persons, Swiss mice are inoculated intradurally and kept under observation for three weeks. The following table shows the source of material inoculated into Swiss mice:

MICE INOCULATIONS FOR RABIES

<i>Material</i>	<i>Positive</i>	<i>Negative</i>	<i>Unsatisfactory</i>
Human brain*	1	..	..
Dog brain	48	..
Cat brain	7	..
Squirrel brain	3	..
Cow brain	1	..
Horse brain	1	..
Skunk brain	1	..
Weasel brain	1	..
Rabbit brain	1	..
Rat brain	1	..
Total	1	64	..

An average of three mice are inoculated on each specimen, which means 65 times 3, or 195 mice were inoculated for rabies.

Eleven animals were also inoculated for virulence test for diphtheria, as shown in table VIII. Positive, 4; negative, 7.

MAILING CASES

Mailing cases must comply with the postal regulations for the transmission of specimens through the mails. War conditions and priorities and large demands for industrial examinations have made these outfits not only hard to obtain but also depleted our supplies. As these containers are returned with specimens they are reassembled and reused. In order to keep these outfits in active circulation, physicians should request only those needed for immediate use, and return all partially assembled and unused outfits promptly.

*Negri bodies found microscopically also checked with animal inoculation.

106

DEPARTMENT OF HEALTH

TABLE XVI

MAILING CASES FOR THE COLLECTION AND TRANSMISSION OF SPECIMENS SUPPLIED TO
PHYSICIANS AND REPOSITORIES THROUGHOUT THE STATE DURING
FISCAL YEAR ENDING JUNE 30, 1944

Diphtheria (regular mailing cases)	6,038	
Swabs	500	
		6,538
Tuberculosis mailing cases		10,649
Typhoid fever mailing cases		1,429
Malaria mailing cases		81
Gonorrhoea mailing cases		11,055
Feces and urine mailing cases		4,311
Treponema pallida mailing cases		12
Syphilis mailing cases		272,445
Ophthalmia neonatorum mailing cases		78
		<hr/>
Total		306,598

TABLE XVII

CULTURE MEDIA PREPARED DURING FISCAL YEAR ENDING JUNE 30, 1944

Endo agar	50,000 c.c.
Brilliant green agar	10,000 c.c.
Plain agar	170,000 c.c.
Tryptone agar	14,000 c.c.
Dextrose broth	2,000 c.c.
Double strength broth	610,000 c.c.
Single strength broth	680,000 c.c.
Infusion broth	8,000 c.c.
Brilliant green bile	280,000 c.c.
Dilution water	81,000 c.c.
	<hr/>
Total	1,905,000 c.c.

Report of the Bureau of Chemistry

For the Year Ending June 30, 1944

By JOHN E. BACON, *Chief*

The Bureau of Chemistry makes chemical and bacteriological examinations of samples of foods, drugs, water, sewage and trade wastes collected by the Department's representatives in the enforcement of the public health laws of New Jersey. The facilities of the laboratory are also extended to local boards of health, State Department of Public Instruction, State Purchasing Commissioner, New Jersey State Police, Fish and Game Commission, Milk Control Board, State institutions and State Tax Department. Analyses are also made of various samples of foods and supplies purchased under specifications for institutional use, rural school waters submitted by local boards of education, drinking water, lakes and streams from camps maintained by benevolent associations and other miscellaneous samples.

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

There were 18,538 samples of food, drugs, water, sewage and miscellaneous preparations examined during the past year, an increase of 2.5% over the number of samples examined during the fiscal year 1942-1943.

TABLES SHOWING NUMBER AND CHARACTER OF SAMPLES EXAMINED IN FOOD AND DRUG
LABORATORY DURING THE FISCAL YEAR ENDING JUNE 30, 1944

	<i>Above Standard</i>	<i>Below Standard</i>	<i>Total</i>
Milk	4,720	125	4,845
Milk, bacteriological	80	1	81
Milk (pasteurization test)	131	29	160
Milk, direct microscopic bacterial count	46	....	46
Cream	392	19	411
Ice cream and frozen products	316	52	368
Sour cream	149	21	170
Mayonnaise and salad dressing	49	....	49
Hamburg	254	191	445
Sausage	221	128	349
Soft drinks	559	45	604
Dehydrated soup mixes	78	72	150
Tomato products	75	101	176
Miscellaneous samples	216	4	220
Total food samples	7,286	788	8,074
Blue ointment	32	26	58
Brown's mixture	59	5	64
Burrow's solution	24	25	49
Calomine lotion	65	19	84
Citrate magnesia	62	6	68
Ferric chloride, tr.	29	4	33
Dilute hydrochloric acid	40	14	54
Iodine, mild tr.	26	21	47
Paregoric	58	1	59
Stokes' expectorant	82	1	83
Miscellaneous drugs	62	3	65
Total drug samples	648	141	789
Blood count and blood analyses	26		26
Urinalyses	28		28
Total food and drug samples	7,988	929	8,917

SAMPLES ANALYZED IN WATER AND SEWAGE LABORATORY FROM JULY 1, 1943 TO JUNE 30, 1944

Month	Public Water Supplies	Pay Samples	Miscellaneous	Camp Supplies	Dairy Supplies	County and State Institution Supplies	Bottled Water Samples	School Supplies	Bathing Water Samples	Stream Samples	Sewage Samples	Trade Waste Samples	Sand Samples	Surf Samples	Experimental	Total Samples
1943																
July	842	6	82	93	1	13	9	2	29	73	15	14	1	...	...	1,180
August	456	9	81	14	1	16	...	1	5	241	301	5	2	...	...	1,133
September	337	16	53	3	7	9	...	115	4	84	17	16	1	...	...	662
October	234	11	50	...	10	14	...	48	...	131	16	50	...	...	60	624
November	156	7	37	...	3	19	5	103	1	8	96	15	...	...	...	450
December	269	7	30	...	...	9	...	125	...	12	223	1	1	...	...	677
1944																
January	245	6	16	...	3	33	4	94	1	...	10	7	3	...	...	422
February	591	9	41	...	5	7	...	185	1	11	4	17	5	...	...	876
March	624	10	32	...	...	13	...	63	1	7	31	28	4	...	...	813
April	572	13	20	...	9	15	...	29	...	45	36	17	1	150	...	907
May	292	17	54	3	9	10	3	57	3	21	49	15	4	204	54	795
June	347	16	71	7	3	14	...	26	11	20	406	27	6	128	...	1,082
Totals	4,965	127	567	120	52	172	21	848	56	653	1,204	212	28	482	114	9,621

BUREAU OF CHEMISTRY

Report of the Bureau of Maternal and Child Health

For the Calendar Year 1943

By JULIUS LEVY, M.D., *Consultant*

MATERNAL MORTALITY

The maternal mortality rate for 1943 remains low in spite of the increase in births and the decrease in medical and nursing personnel because of war-time activities. Educational activities, the work of public health nurses, the investigation and study of puerperal deaths, and the co-operation of the Maternal Welfare Committee of the State Medical Society over a period of years have been factors in not only reducing the maternal mortality rate but in preventing its increase at this time. The rate of 1.8 per thousand live births for 1943 is the lowest ever reached in New Jersey, a slight decrease of .1 since 1942.

The greatest reduction in deaths from puerperal causes has occurred during the period between one and six months gestation.

DEATHS FROM PUERPERAL CAUSES BY PERIOD OF GESTATION

	1 to 3 months	3 to six months	6 months and less than term	At term
1940	16%	11%	23%	49%
1943	6	7	21	62

Probably, because of the continued improvement in economic conditions, the nurse delivery service continued to decrease. There were 552 cases attended by 58 nurses. Sixteen V. N. A. nurses attended 37 cases and 42 private duty nurses attended 515 cases. Physicians called in five consultants in these cases during the year.

DEPARTMENT OF HEALTH

INFANT MORTALITY

The infant mortality rate for 1943 is 34 per thousand live births. This is next to the lowest rate in the history of the State. The 1942 rate of 31 was the lowest ever attained. The slight increase in the infant mortality rate seems to be among the infants over one month of age.

Of the 21 counties in the State, Somerset County with an infant mortality rate of 23 has the lowest rate; while Mercer County with a rate of 54 has the highest.

Of the cities with more than 1,000 births per year, Clifton and East Orange had the lowest rates, 21; Trenton had the highest rate, 59.

BABY-KEEP-WELL STATIONS

There were 188 Baby-Keep-Well Stations conducted under the supervision of the Bureau throughout the State. Physicians served in 101 of these stations. In 68 of the stations, the doctors who served were paid from Social Security funds. There were 33 stations served by doctors who were paid from local funds or without compensation.

The doctors in the 68 stations saw 1,989 new babies during the year. There were 9,419 examinations made by the doctors paid from Social Security funds.

EXTENSION OF ACTIVITIES

There were 243 maternal and child health nurses under the supervision of the Bureau. There was only one new demonstration begun during the year, Bellmawr Park and Audubon Village in Camden County.

The following communities assumed a portion of the nurse's salary during the year:

<i>Atlantic County</i>	<i>Camden County</i>	Raritan Twp.	<i>Salem County</i>
Pleasantville	Lindenwold	Holland Twp.	Lower Penns Neck
Egg Harbor City	Haddon Twp.	W. Amwell Twp.	Mannington Twp. •
Buena Vista Twp.	Clementon	Union Twp.	Elsinboro
<i>Bergen County</i>	Stratford	Franklin Twp.	Elmer
Hackensack	Pine Hill	Delaware Twp.	<i>Somerset County</i>
Lyndhurst	<i>Gloucester County</i>	Readington Twp.	Montgomery Twp.
Dumont	National Park	Greenwich Twp.	Raritan Twp.
N. Arlington	Franklin Twp.	Alexandria Twp.	<i>Sussex County</i>
Hasbrouck Hgts.	Elk Twp.	Kingwood Twp.	Sussex
Lodi	Washington Twp.	<i>Middlesex County</i>	Hamburg
East Paterson	Logan Twp.	Carteret	Sandyston
Palisades Park	<i>Hunterdon County</i>	Metuchen	Walpack Twp.
<i>Burlington County</i>	Frenchtown	Monroe Twp.	<i>Union County</i>
Riverside	E. Amwell Twp.	South Amboy	Hillside

BUREAU OF MATERNAL AND CHILD HEALTH 113

EDUCATIONAL ACTIVITIES

Three classes were conducted during the year to prepare new field nurses to carry out the program of the Bureau. One special refresher course was conducted for some of the other nurses in the Bureau. A total of 39 nurses attended these classes.

Because of the curtailment of travel and the shortage of nurses, the in-service training was accelerated to three weeks instead of six.

No State-wide conferences or institutes were planned this year. To keep the nurses interested in group efforts and practices, a special "Bulletin for War-time Education" was issued to the supervised staff.

The State Department of Public Instruction was contacted and courses were offered at several points in the State. Some of the subjects were Principles of Public Health Nursing, School Health Problems, and Nutrition. A large group of the nurses responded.

The educational adviser and other members of the Bureau's staff have served on various committees during the year in the interest of the war effort and general educational activities.

STATISTICAL SUMMARY OF NURSES' WORK

Of the 236 field nurses (243 when all vacancies filled), 150 were paid entirely by the communities in which they work, 19 were paid entirely by the State or from Social Security funds, and 67 were paid partly by the State and partly by the communities.

These nurses had under their supervision 15,357 expectant mothers; 44,281 babies; 66,927 children between one and six years of age; and 131,322 school children.

Visits made in the homes by the nurses	548,922
To expectant mothers	49,418
To babies	211,197
To children one to six years	164,174
To school children	76,777
Post-partum	47,356
Visits to Baby Keep-well Stations	60,960
By babies	44,656
By preschool children	16,304
Prenatal advice (expectant mothers) cases supervised	15,357
Total pregnancies terminated	11,757
Infant care, total babies supervised	44,281
New cases	25,281
Post-partum cases supervised	18,091
Preschool care (children one to six supervised)	66,927
New cases	22,927
Child Hygiene Leagues (number classes conducted)	726
Dental sessions assisted by nurses	1,591
Children under five years of age vaccinated	12,516
Children under five years of age immunized	11,724
School children supervised	131,322
Inspections (annual, general or assisting doctor)	917,492
Children immunized	3,496

AUDIOMETER

The audiometer, rented to Boards of Education, was in constant use during the school year. There were 6,563 children given the initial test. There were 14,462 retests and 2,327 hearing defects found. The children with hearing defects were referred to their family physicians.

BUREAU OF MATERNAL AND CHILD HEALTH 115

MIDWIFERY

During the year 1943, there were 231 licensed, registered midwives in New Jersey, a decrease of 4 since 1942. All but 22 of the midwives were supervised by the State Department of Health; they were supervised by a local health department.

The licensed registered midwives delivered only 1,439 or 1.7 per cent of the total number of births in New Jersey.

<i>Year</i>	<i>Total Births</i>	<i>Births Delivered by Midwives</i>	<i>Percentage of Births Delivered by Midwives</i>
1918	70,935	30,000	42.2
1928	68,297	11,352	16.6
1938	56,042	2,117	4.0
1941	67,104	1,233	1.8
1943	82,356	1,439	1.7

The midwives under State supervision referred for health supervision by the doctor or clinic 391 of their prenatal cases. The midwives reported 30 abnormal cases. Physicians were called in each instance.

Congenital deformities were referred directly to the Crippled Children's Commission.

There were 24 meetings held by county associations with a total attendance of 178. Local physicians gave lectures and demonstrations were given by the district supervisors.

MATERNITY HOMES

There were 21 licensed maternity homes, only one was a new home. There were 23 maternity homes in 1942.

The number of cases delivered in these maternity homes was 1,133. There were no maternal deaths, 10 infant deaths and 11 stillbirths. Monthly inspections were made of all maternity homes and all abnormal cases were investigated.

ILLEGITIMATE BIRTHS

There were 1,657 births out of wedlock among New Jersey residents including thirteen sets of twins.

This was two per cent of the total births, the same as for 1942 and slightly less than previous years. The percentage of mothers under 21 was 53%, the same as for a number of years.

Efforts are made through the nurses and social agencies to keep mother and infant together.

DEPARTMENT OF HEALTH

EMERGENCY MATERNITY AND INFANT CARE PROGRAM

This program was established through the United States Children's Bureau for the obstetrical care of wives and pediatric care of infants of men in the 4th, 5th, 6th and 7th grades of military service. Nearly half a million dollars was appropriated and administered by the Bureau of Maternal and Child Health. Authorized cases for maternity care increased from 600 a month to over 1,000 a month and continued at this peak load into 1944. Authorized care for sick infants averaged about 100 a month.

Report of the Bureau of Vital Statistics

Statistics for the Calendar Year 1943

By WALTER R. SCOTT, *State Registrar and Chief*

A Bureau of Vital Statistics has existed in New Jersey since 1879 and a statistical report has been published each year. The statistics compiled by the Bureau during this long period have been largely responsible for activities which caused a decline in the total death rate from 18.4 per 1,000 population in 1879 to 12.2 in 1943, and in the rate from respiratory tuberculosis from 251.0 to 43.7 per 100,000 population.

The Bureau has the custody of more than ten million records of births, marriages, and deaths which date back to 1848. The records for the period 1848 to 1887 were collected by the Secretary of State and turned over to the State Board of Health in 1888. Prior to 1888 the annual report of the Bureau of Vital Statistics of the State Board of Health was prepared from records loaned the Board by the Secretary of State.

During the past year the Bureau supervised the registration of births, marriages and deaths throughout the State and supplied to local registrars and others the forms necessary to obtain registration.

Monthly and annual statistical tables were compiled and published, and in addition a large amount of special statistical data was compiled for the use of public and private institutions and agencies interested in disease and accident prevention. Electrical tabulation machinery, which was installed in 1915, was used in the preparation of the data. The statistical work done by the Bureau has been invaluable to other Bureaus of the Department, particularly the Bureau of Maternal and Child Health in the reduction of infant and maternal mortality.

Certified copies of the birth, marriage and death records were issued individuals and interested agencies, which part of the work has been particularly important during the present emergency. During the fiscal year 1943-4, 59,359 searches of the records were made and copies of certificates found issued, for which \$39,489.82 was received in fees. Nineteen thousand eight hundred and seventy of the searches and certified copies were for purposes exempt from charge by law.

During the year, the Bureau received, examined, classified, indexed and permanently filed approximately 200,000 birth, marriage and death certifi-

DEPARTMENT OF HEALTH

cates, part of which records were for unreported births which occurred during previous years. The annual growth of the records requires approximately 200 cubic feet of storage space.

More than 80,000 premarital certificate forms were received and examined, a duty placed upon the Bureau at the adoption of the law requiring an examination for syphilis prior to the issuance of a marriage license.

Nine hundred and forty-eight original birth records were sealed and new certificates containing the names obtained by adoption made, as prescribed by chapter 215, Laws of 1940.

Funds for the employment of a field representative urgently needed to better supervise registration throughout the State were granted in the Social Security account, and a local registrar, who was first on the Civil Service list of eligibles, was appointed on March 1. Since the assistant State registrar was inducted into the Army on February 12th and a suitable replacement could not be located, it was found necessary to keep the field representative in the office the majority of the time.

While the revenue of the Bureau decreased, an increase of slightly more than one hundred per cent occurred in the issuance of certificates as proof for dependency allotments and for claims against the government due to the death of men in the armed forces.

The Bureau is greatly handicapped by a lack of trained personnel and adequate working quarters. The electrical tabulating machinery is operated in a small room which also houses the voluminous files of the Bureau of Engineering and two file clerks. Exacting statistical work cannot be done efficiently where other persons are present and personnel other than operators should not be subjected to the noise of the electrically operated equipment.

GENERAL SUMMARY

	1920	1930	1940	1943
Birth registered, tabulated and indexed	76,431	68,282	59,328	82,356
Stillbirths registered, tabulated and indexed	3,221	2,647	1,543	1,978
Marriages registered, tabulated and indexed	31,327	28,499	41,059	41,045
Deaths registered, tabulated and indexed ..	40,820	43,190	45,206	49,781
<hr/>				
Total records registered, tabulated and permanently filed	151,799	142,618	147,136	175,160
Searches made and/or certified copies issued for which fees were received	4,664	10,523	38,431	63,295
Certified copies issued and searches made in pension and other cases for which no fees were received	4,232	6,938	11,300	14,019
Fees returned to State Treasurer for searches and certified copies	\$4,051	\$9,601	\$31,614.52	\$63,295.96

BUREAU OF VITAL STATISTICS

119

CHARTS AND TABLES—1943

- Table 1. Births, marriages, deaths and rates, 1879-1943.
- Table 1a. Births, marriages and deaths by months.
- Table 1b. Births, marriages, deaths and deaths under one year of age by counties, cities, boroughs and townships.
- Table 2. Deaths by age groups, with the percentage of each group of total deaths: 1943.
- Chart 1. Births and deaths per 1,000 population, 1880-1939.
- Table 3. Deaths of infants under five years of age and percentage of total deaths, 1904-1943.
- Table 4. Number of births, stillbirths, deaths under one month, deaths under one year and maternal deaths with rates per 1,000 live births, 1906-1943.
- Table 5. Deaths under one month, stillbirths and maternal deaths per 1,000 live births, by counties and certain cities.
- Table 7. Births, birth rates, deaths under one year and infant mortality rates, by counties and cities.
- Chart 2. Deaths from typhoid fever per 100,000 population, 1880-1939.
- Table 8. Comparison between typhoid fever death rates in New Jersey and the United States Registration Area, 1934-1943.
- Table 10. Typhoid fever rates by counties, 1934-1943.
- Chart 3. Deaths from measles per 100,000 population, 1880-1939.
- Chart 4. Deaths from scarlet fever per 100,000 population, 1880-1939.
- Chart 5. Deaths from whooping cough per 100,000 population, 1880-1939.
- Chart 6. Deaths from diphtheria per 100,000 population, 1880-1939.
- Chart 7. Deaths from respiratory tuberculosis per 100,000 population, 1880-1939.
- Table 12. Cancer and other malignant tumors by sex, age periods and organs affected.
- Table 12a. Cancer and other malignant tumors by part of body affected and color of decedent.
- Chart 8. Deaths from cancer and other malignant tumors per 100,000 population, 1880-1939.
- Table 13a. Violent or accidental deaths.
- Table 13b. Motor vehicle fatalities.
- Table 13c. Accidental deaths by type of injury.
- Table 13d. Accidental deaths by counties.
- Table 13e. Accidental deaths by months.
- Table 13f. Accidental deaths by ages.
- Table 14. Percentage of the various causes of total deaths and of each sex of total.

DEPARTMENT OF HEALTH

- Table 15. Death rates, total, white and colored, from important causes, per 100,000 total, white and colored population.
- Table 16. Deaths (exclusive of stillbirths) by causes and months of death.
- Table 17. Deaths (exclusive of stillbirths) from each cause of the Abridged International List, by age, sex and color.
- Table 18. Deaths (exclusive of stillbirths) by causes, by days, weeks and months of the first year of life.
- Table 19. Deaths (exclusive of stillbirths) under one year of age, by causes and months of death.
- Table 20. Deaths (adjusted for residence) from each cause, Detailed International List, in the counties of New Jersey and selected municipalities of 5,000 or more inhabitants in 1930.
- Table 22. Deaths by causes, sex, color and age periods in the counties and cities having 50,000 or more inhabitants in 1940. (County figures include cities which follow):

<i>Atlantic County</i>	<i>Essex County</i>	<i>Hunterdon County</i>	<i>Passaic County</i>
Atlantic City	East Orange	<i>Mercer County</i>	Passaic City
<i>Bergen County</i>	Irvington	Trenton	Paterson
<i>Burlington County</i>	Newark	<i>Middlesex County</i>	<i>Salem County</i>
<i>Camden County</i>	<i>Gloucester County</i>	<i>Monmouth County</i>	<i>Somerset County</i>
Camden City	<i>Hudson County</i>	<i>Morris County</i>	<i>Sussex County</i>
<i>Cape May County</i>	Bayonne	<i>Ocean County</i>	<i>Union County</i>
<i>Cumberland County</i>	Hoboken		Elizabeth
	Jersey City		<i>Warren County</i>
	Union City		

BUREAU OF VITAL STATISTICS

121

Population.—The extensive migration of war workers and their families during the post census years and the absence of persons serving with the armed forces made it impractical to use the normal method of figuring the estimated population as of July 1, 1943. The estimated population, 4,235,233, which was used, was taken from the Federal Census Release Series P-45, No. 2, based on registration for war ration book number four adjusted to reflect migratory trends and military service personnel stationed at camps throughout the State.

The estimates used for figuring county death rates were taken from Federal Census Release No. 3, Series P-44, which estimates are for the civilian population only. The estimates were based on registration for war ration book number four.

Estimates of the population for municipalities were not published. Therefore, in these instances, the final census figures as of April 1, 1940, were used in computing rates.

Births.—The number of births for 1943 was 82,356 which was equivalent to a rate of 19.4 per 1,000 population. Total births reported showed an increase of 1,544 over the number for 1942. The 1942 total, 80,812, was 13,708 greater than the number for the previous year. Births, which decreased rapidly from 74,193 in 1925 to 54,841 in 1934, have shown an increase from 1936 on.

The number of illegitimate births reported for 1943 was 1,649, of which 782 were babies born to colored mothers. The figures for 1942 were 1,632 and 805 respectively.

Marriages.—The number of marriages reported for 1943 was 41,045, a decrease of 9,453 from the number for the previous year. The marriage rate was 9.7 compared with 11.9 for 1942 and 11.1 for 1941.

Deaths.—The number of resident deaths for 1943 was 49,781. The death rate for the year was 11.8; the rate for 1942 was 10.9. The rate for the decade ranged from 10.5 in 1935 to 11.0 in 1937.

Stillbirths.—The number of stillbirths reported for 1943 was 1,978. The number for the previous year was 2,006. The 1943 rate was 24.0 per 1,000 live births. The rate for the colored population was 41.6.

DEPARTMENT OF HEALTH

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

YEAR	Estimated Population	BIRTHS		MARRIAGES		DEATHS	
		Number of births reported	Birth rate per 1,000 population	Number of marriages	Marriage rate per 1,000 population	Number of deaths	Death rate per 1,000 population
1879	1,110,489	23,116	26.8	7,096	6.3	20,440	18.4
1880	1,133,731	23,690	20.8	7,963	7.0	18,967	16.7
1881	1,165,112	23,484	20.1	8,109	6.9	20,812	17.8
1882	1,196,493	23,108	19.3	8,837	7.3	25,950	21.6
1883	1,227,874	24,430	19.8	9,166	7.4	23,310	18.9
1884	1,259,256	25,263	20.0	8,968	7.1	21,716	17.2
1885	1,290,638	24,077	18.6	8,989	6.9	23,807	18.4
1886	1,322,020	25,497	19.2	12,351	9.3	22,734	17.1
1887	1,353,402	27,340	20.2	15,416	11.3	24,331	17.9
1888	1,384,784	28,074	20.2	16,025	11.5	27,173	19.6
1889	1,416,166	29,099	20.5	15,726	11.1	26,543	18.7
1890	1,448,589	30,103	20.7	15,564	10.7	28,530	19.6
1891	1,492,462	28,882	19.3	15,305	10.2	28,840	19.3
1892	1,536,336	30,627	19.9	16,082	10.4	32,685	21.2
1893	1,580,209	32,285	20.4	17,178	10.8	30,596	19.3
1894	1,624,083	33,662	20.7	16,245	10.0	30,004	18.4
1895	1,667,957	31,742	19.0	15,873	9.5	30,634	18.3
1896	1,711,831	31,207	18.2	18,370	10.7	30,767	17.9
1897	1,755,705	31,595	17.9	18,171	10.3	29,822	16.9
1898	1,799,578	32,515	18.0	13,213	7.3	27,337	15.1
1899	1,843,452	29,419	15.9	13,336	7.2	30,999	16.8
1900	1,889,184	32,270	17.0	14,611	7.7	31,474	16.6
1901	1,955,361	34,812	17.8	16,539	8.4	31,739	16.2
1902	2,021,539	35,116	17.3	18,150	8.9	31,319	15.4
1903	2,087,716	37,242	17.8	19,512	9.3	31,820	15.2
1904	2,153,893	38,751	17.9	18,919	8.7	35,298	16.3
1905	2,220,070	39,689	17.8	20,572	9.2	33,864	15.2
1906	2,286,247	42,677	18.6	21,580	9.4	35,670	15.6
1907	2,352,424	44,651	18.9	23,649	10.0	37,408	15.9
1908	2,418,601	47,405	19.6	26,155	10.8	35,597	14.7
1909	2,484,778	47,508	19.1	29,724	11.9	36,359	14.6
1910	2,550,445	58,942	21.1	27,912	10.9	39,494	15.4
1911	2,614,177	58,133	22.2	25,014	9.5	38,612	14.7
1912	2,677,906	60,073	22.4	26,821	10.0	37,772	14.1
1913	2,741,642	61,422	22.4	27,697	10.1	39,425	14.3
1914	2,805,374	65,403	23.3	28,528	10.1	39,967	14.2
1915	2,869,106	66,476	23.1	27,094	9.6	39,435	13.7
1916	2,932,838	70,211	23.9	31,169	10.6	43,376	14.7
1917	2,996,569	75,309	25.1	30,060	10.0	43,532	14.5
1918	3,060,301	74,549	24.3	23,989	7.8	60,852	19.8
1919	3,124,034	70,935	22.7	29,281	9.3	39,979	12.7
1920	3,198,092	76,431	23.8	31,327	9.7	40,820	12.7
1921	3,285,475	78,172	23.7	27,815	8.4	37,362	11.3
1922	3,371,859	74,479	22.0	27,114	8.0	40,086	11.8
1923	3,458,243	74,611	21.5	28,730	8.3	41,294	11.9
1924	3,544,627	76,530	21.5	27,601	7.7	40,531	11.4
1925	3,631,011	74,193	20.4	27,672	7.6	41,749	11.4
1926	3,717,395	72,386	19.4	28,424	7.6	44,306	11.9
1927	3,803,779	72,799	19.1	28,316	7.4	41,562	10.9
1928	3,890,163	70,076	18.0	29,120	7.4	44,555	11.4
1929	3,976,546	68,297	17.1	30,257	7.6	45,746	11.5
1930	4,044,306	68,282	16.9	28,499	7.0	43,190	10.7
1931	4,056,200	64,078	15.8	26,468	6.5	44,135	10.9
1932	4,068,100	61,215	15.0	22,840	5.6	42,826	10.5
1933	4,080,000	56,072	13.7	24,453	6.0	43,350	10.6
1934	4,091,800	54,841	13.4	28,891	7.1	43,547	10.8
1935	4,103,700	55,059	13.4	29,724	7.2	43,267	10.5
1936	4,115,600	54,145	13.2	32,771	8.0	44,659	10.9
1937	4,127,500	55,197	13.4	36,190	8.8	45,312	11.0
1938	4,139,400	56,602	13.7	31,006	7.5	44,045	10.6
1939	4,151,300	56,859	13.7	31,895	7.7	43,837	10.6
1940	4,163,100	59,328	14.3	41,059	9.9	45,206	10.9
1941	4,199,900	67,104	16.0	46,538	11.1	45,971	10.9

BUREAU OF VITAL STATISTICS

123

TABLE 1A.—BIRTHS, MARRIAGES AND DEATHS, 1943
Births and deaths corrected for residence

<i>Month</i>	<i>Births</i>	<i>Marriages</i>	<i>Deaths</i>
January	7,735	3,271	4,716
February	7,086	3,095	4,271
March	7,419	2,864	4,118
April	6,840	3,007	4,459
May	6,823	3,774	4,143
June	6,826	4,694	3,984
July	7,193	3,672	3,519
August	7,091	3,260	3,447
September	6,811	3,666	3,382
October	6,643	3,566	3,978
November	5,831	3,390	3,680
December	6,058	2,786	5,784
Total	82,356	41,045	49,781

TABLE 1B.—BIRTHS, MARRIAGES, DEATHS AND DEATHS UNDER ONE YEAR OF
AGE BY COUNTIES, CITIES, BOROUGHS AND TOWNSHIPS. 1943
(Births and deaths corrected as to residence).

ATLANTIC COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Absecon City	30	19	35	2
Atlantic City	900	1143	1009	34
Brigantine City	2	3	9	...
Buena Vista Township	73	34	41	3
Corbin City	3	...	8	...
Egg Harbor City	79	54	59	4
Egg Harbor Township	39	11	37	...
Estelle Manor City	1	2	8	...
Folsom Borough	3	5	2	1
Galloway Township	46	8	36	...
Hamilton Township	44	19	67	1
Hamamouton Town	171	62	71	4
Liawood City	27	16	29	3
Longport Borough	5	2	5	...
Margate City	44	15	37	...
Mullica Township	17	5	18	...
Northfield City	39	16	31	3
Pleasantville Borough	189	121	147	6
Port Republic City	3	1	4	...
Somers Point City	24	11	32	...
Ventnor City	76	89	99	4
Weymouth Township	9	2	9	1
Total	1824	1638	1793	66

DEPARTMENT OF HEALTH

BERGEN COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Allendale Borough	38	13	26	1
Alpine Borough	12	5	9	1
Bendix Borough	...	...	...	...
Bergenfield Borough	208	90	99	3
Bogota Borough	111	68	93	3
Carlstadt Borough	112	26	68	3
Cliffside Park Borough	309	101	130	11
Closter Borough	26	35	29	...
Cresskill Borough	48	14	25	1
Demarest Borough	31	5	11	...
Dumont Borough	198	71	85	8
East Paterson Borough	253	38	57	7
East Rutherford Borough	135	77	62	3
Edgewater Borough	70	114	44	4
Emerson Borough	26	9	13	1
Englewood City	356	218	228	12
Englewood Cliffs Borough	12	...	11	...
Fair Lawn Borough	393	48	109	12
Fairview Borough	169	118	77	2
Fort Lee Borough	155	167	94	4
Franklin Lakes Borough	23	1	12	...
Garfield City	569	212	210	14
Glen Rock Borough	90	28	61	3
Hackensack City	519	304	326	27
Harrington Park Borough	24	2	12	1
Ha-brook Heights Borough	129	85	75	1
Haworth Borough	26	3	17	1
Hillsdale Borough	53	39	35	1
Hohokus Borough	31	20	17	1
Hohokus Township	58	38	34	3
Leonia Borough	93	50	63	1
Little Ferry Borough	79	37	41	2
Lodi Borough	291	83	96	11
Lyndhurst Township	371	152	154	9
Maywood Borough	108	32	45	1
Midland Park Borough	98	30	46	2
Montvale Borough	19	3	8	...
Moonachie Borough	14	11	11	1
New Milford Borough	87	33	38	3
North Arlington Borough	269	67	79	8
Northvale Borough	30	12	10	1
Norwood Borough	32	21	16	1
Oakland Borough	21	5	15	...
Old Tappan Borough	7	1	9	1
Oradell Borough	44	18	43	1
Palisades Interstate Park Borough	...	...	...	...
Palisades Park Borough	173	58	70	5
Paramus Borough	76	11	37	...
Park Ridge Borough	47	45	35	1
Ramsey Borough	64	28	36	2
Ridgefield Borough	101	46	48	...
Ridgefield Park Borough	204	87	130	6
Ridgewood Village	235	133	164	7
River Edge Borough	121	30	45	3
Rivervale Township	21	3	12	1
Rochelle Park Township	94	21	29	5
Rockleigh Borough	1	...	...	...
Rutherford Borough	253	131	218	5
Saddle River Borough	15	5	11	1
Saddle River Township	20	23	22	1
South Hackensack Township	32	9	9	1
Teaneck Township	463	120	235	9
Teunafly Borough	131	42	75	7
Upper Saddle River Borough	7	3	3	1
Waldwick Borough	40	13	23	4
Wallington Borough	182	55	54	...
Washington Township	4	2	5	1
Westwood Borough	82	70	58	3
Woodcliff Lake Borough	21	4	11	...
Wood Ridge Borough	93	29	55	3
Wyckoff Township	76	18	36	1
Total	8294	3481	4193	237

BUREAU OF VITAL STATISTICS

BURLINGTON COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Bass River Township	6	8	8	...
Beverly City	72	24	43	6
Bordentown City	199	71	71	5
Bordentown Township	32	5	17	2
Burlington City	245	129	154	17
Burlington Township	39	10	29	2
Chester Township	108	56	48	1
Chesterfield Township	26	5	19	...
Cinnaminson Township	25	17	22	...
Delanco Township	39	14	37	3
Delran Township	43	9	20	...
Lastampton Township	8	2	7	...
Edgewater Park Township	21	10	13	2
Evesham Township	36	11	22	4
Fieldsboro Borough	14	1	7	1
Florence Township	149	42	79	4
Fort Dix	15	183	66	1
Hainesport Township	29	4	18	2
Lumberton Township	22	3	11	...
Mansfield Township	41	8	21	2
Medford Township	40	14	31	2
Medford Lakes Borough	3	4	3	...
Moorestown Township	157	73	92	3
Mount Holly Township	148	72	131	6
Mount Laurel Township	36	...	25	3
New Hanover Township	13	11	5	...
North Hanover Township	10	4	10	1
Palmyra Borough	105	42	59	2
Pemberton Borough	22	26	14	...
Pemberton Township	63	24	22	1
Riverside Township	134	61	82	13
Riverton Borough	58	32	37	...
Shamong Township	9	1	8	1
Southampton Township	38	13	22	...
Springfield Township	19	10	13	...
Tabernacle Township	8	4	8	...
Washington Township	5	2	6	...
Westampton Township	23	3	5	...
Willingboro Township	8	2	7	...
Woodland Township	7	...	6	...
Wrightstown Borough	26	15	2	2
Total	2018	1025	1300	86

CAMDEN COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Audubon Borough	235	36	107	7
Barrington Borough	38	7	23	...
Bellmawr Borough	144	11	25	4
Berlin Borough	41	28	17	...
Berlin Township	31	7	22	2
Brooklawn Borough	43	2	16	2
Camden City	2419	1182	1512	108
Chesilhurst Borough	5	...	8	1
Clementon Borough	54	17	39	2
Collingswood Borough	243	158	160	5
Delaware Township	66	14	62	...
Gibbsboro Borough	12	5	7	1
Gloucester City	273	120	199	14
Gloucester Township	113	32	72	3
Haddonfield Borough	168	94	138	4
Haddon Heights Borough	122	77	69	1
Haddon Township	132	50	83	1
HINella Borough	2	...	2	...
Laurel Springs Borough	38	11	27	1
Lawnside Borough	31	8	23	3
Lindenwold Borough	62	28	49	3
Magnolia Borough	31	19	29	2
Merchantville Borough	260	77	81	4
Mount Ephraim Borough	93	32	23	3
Oaklyn Borough	126	27	50	4
Pennsauken Township	249	93	172	15

126

DEPARTMENT OF HEALTH

CAMDEN COUNTY—Continued

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Pine Hill Borough	40	2	38	4
Pine Valley Borough .....	...	...	...	...
Runnemede Borough	61	37	23	2
Somerdale Borough	26	...	9	...
Stratford Borough	29	6	13	...
Tavistock Borough	2	...	...	...
Voorhees Township	21	3	13	...
Waterford Township	63	22	30	3
Winslow Township	85	21	56	4
Woodlyne Borough	47	7	29	...
Total	5405	2233	3226	208

CAPE MAY COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Avalon Borough	6	8	5	...
Cape May City	87	65	58	5
Cape May Point Borough	5	1	5	...
Dennis Township	30	8	28	1
Lower Township	25	11	18	1
Middle Township	56	21	67	2
North Cape May Borough .....	...	...	...	...
North Wildwood City	28	15	33	1
Ocean City	49	45	61	4
Sea Isle City	15	17	16	1
South Cape May Borough .....	...	...	1	...
Stone Harbor Borough	4	6	2	...
Upper Township	22	15	21	...
West Cape May Borough	22	1	12	...
West Wildwood City	1	...	1	...
Wildwood City	70	126	84	2
Wildwood Crest Borough	3	1	12	...
Woodbine Borough	32	11	9	1
Total	455	351	433	18

CUMBERLAND COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Bridgeton City	396	149	261	17
Commercial Township	51	26	42	2
Deerfield Township	54	7	10	3
Downe Township	20	6	23	...
Fairfield Township	52	15	24	6
Greenwich Township	24	11	11	...
Hopewell Township	43	7	22	1
Landis Township	289	90	147	11
Lawrence Township	39	8	27	1
Maurice River Township	40	8	31	4
Millville City	279	115	224	14
Shiloh Borough	9	4	9	...
Stow Creek Township	13	1	11	1
Upper Deerfield Township	50	18	29	3
Vineland Borough	154	68	90	4
Total	1513	533	961	67

BUREAU OF VITAL STATISTICS

127

ESSEX COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Belleville Town	626	233	256	24
Bloomfield Town	885	327	447	26
Caldwell Borough	120	61	84	2
Caldwell Township	23	5	14	...
Cedar Grove Township	64	9	28	2
East Orange City	1308	535	941	28
Essex Fells Borough	20	19	11	...
Glen Ridge Borough	79	33	84	3
Irvington Town	1053	519	571	24
Living-ton Township	195	33	55	6
Maplewood Township	322	170	237	8
Millburn Township	179	89	97	1
Montclair Town	713	406	524	24
Newark City	8615	5440	5599	278
North Caldwell Borough	10	1	9	...
Nutley Town	482	212	245	7
Orange City	773	487	445	32
Roseland Borough	42	10	12	...
South Orange Village	177	143	131	4
Verona Borough	216	79	76	6
West Caldwell Borough	76	4	29	1
West Orange Town	490	128	279	9
Total	16468	8943	10174	485

GLOUCESTER COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Clayton Borough	48	22	32	3
Deptford Township	83	25	47	4
East Greenwich Township	31	7	26	4
Elk Township	32	9	16	2
Franklin Township	88	25	43	...
Glassboro Borough	94	58	65	5
Greenwich Township	44	19	19	1
Harrison Township	37	14	38	3
Logan Township	36	4	10	...
Mantua Township	85	14	45	6
Monroe Township	85	28	52	5
National Park Borough	57	20	27	2
Newfield Borough	14	13	15	2
Paulsboro Borough	158	51	65	2
Pitman Borough	115	44	94	5
South Harrison Township	13	1	7	1
Swedesboro Borough	64	25	39	...
Washington Township	31	14	24	2
Wenonah Borough	23	6	16	1
West Deptford Township	74	37	40	3
Westville Borough	112	56	56	5
Woodbury City	200	81	111	11
Woodbury Heights Borough	26	2	12	...
Woolwich Township	17	2	6	...
Total	1562	577	905	67

HUDSON COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Bayonne City	1479	746	765	43
East Newark Borough	44	17	35	3
Guttenberg Town	86	60	77	1
Harrison Town	265	169	145	3
Hoboken City	888	1080	681	31
Jersey City	5889	3163	3747	207
Kearny Town	774	272	467	32
North Bergen Township	722	232	430	21
Secaucus Borough	116	85	95	3
Union City	957	623	759	31
Weehawken Township	204	183	180	5
West New York Town	738	526	359	19
Total	12162	7156	7740	399

DEPARTMENT OF HEALTH

HUNTERDON COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Alexandria Township	21	6	10	...
Bethlehem Township	6	...	7	...
Bloomsbury Borough	16	4	14	...
Califon Borough	12	4	10	...
Clinton Town	15	9	27	1
Clinton Township	24	8	17	1
Delaware Township	16	13	25	...
East Amwell Township	22	8	23	1
Flemington Borough	70	31	54	2
Franklin Township	17	5	21	...
Frenchtown Borough	24	8	14	...
Glen Gardner Borough	15	2	12	1
Hampton Borough	18	5	24	...
High Bridge Borough	29	24	15	...
Holland Township	14	3	11	1
Kingwood Township	14	...	13	1
Lambertville City	79	54	72	5
Lebanon Borough	15	8	16	...
Lebanon Township	19	...	10	...
Milford Borough	23	1	19	...
Raritan Township	31	2	30	3
Readington Township	49	21	35	1
Stockton Borough	13	2	5	...
Tewksbury Township	19	6	15	1
Union Township	12	2	14	1
West Amwell Township	14	3	11	2
Total	607	229	524	21

MERCER COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
East Windsor Township	13	1	15	3
Ewing Township	202	34	100	6
Hamilton Township	692	237	331	37
Hightstown Borough	71	38	49	7
Hopewell Borough	49	15	23	...
Hopewell Township	76	12	42	5
Lawrence Township	140	29	57	5
Pennington Borough	20	13	17	...
Princeton Borough	142	123	85	4
Princeton Township	94	6	29	4
Trenton City	2171	1609	1542	129
Washington Township	26	3	14	1
West Windsor Township	39	17	19	...
Total	3726	2137	2323	201

MIDDLESEX COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Camp Kilmer	...	259	9	...
Carteret Borough	222	114	108	7
Cranbury Township	50	14	21	...
Dunellen Borough	135	87	69	2
East Brunswick Township	48	20	27	1
Helmetta Borough	7	9	7	...
Highland Park Borough	151	82	94	4
Jamesburg Borough	53	31	32	2
Madison Township	105	22	44	2
Metuchen Borough	151	72	75	9
Middlesex Borough	52	13	33	2
Milltown Borough	75	30	45	...
Monroe Township	33	5	21	...
New Brunswick City	749	504	423	28
North Brunswick Township	108	29	49	6
Perth Amboy City	311	420	451	31

BUREAU OF VITAL STATISTICS

129

MIDDLESEX COUNTY—Continued

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Piscataway Township	128	16	64	4
Plainsboro Township	15	9	7	1
Raritan Township	173	46	116	4
Sayreville Borough	156	41	72	2
South Amboy City	173	78	114	7
South Brunswick Township	60	10	26	4
South Plainfield Borough	133	40	47	4
South River Borough	214	110	102	6
Spotswood Borough	37	3	16	2
Woodbridge Township	727	136	276	19
Total	4566	2269	2348	147

MONMOUTH COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Allenhurst Borough	16	5	9	...
Allentown Borough	23	29	20	1
Asbury Park City	294	366	279	9
Atlantic Township	15	4	16	...
Atlantic Highlands Borough	46	36	43	...
Avon Borough	28	22	17	1
Belmar Borough	94	44	82	7
Bradley Beach Borough	65	46	62	5
Brielle Borough	14	8	11	...
Deal Borough	14	11	20	...
Eatontown Borough	78	38	22	1
Englishtown Borough	27	5	18	3
Fair Haven Borough	47	5	27	...
Farmingdale Borough	9	3	11	...
Fort Hancock	6	44	5	...
Fort Monmouth	23	418	15	...
Freehold Borough	113	82	99	4
Freehold Township	107	1	36	3
Highlands Borough	68	30	22	1
Holmdel Township	12	5	14	...
Howell Township	79	21	43	2
Interlaken Borough	12	3	6	...
Jersey Homesteads Borough	11	1	1	...
Keansburg Borough	89	40	58	4
Keyport Borough	118	90	70	4
Little Silver Borough	40	11	20	2
Long Branch City	411	203	239	15
Manalapan Township	55	16	31	1
Manasquan Borough	43	62	53	4
Marlboro Township	28	8	27	1
Matawan Borough	111	32	42	1
Matawan Township	28	9	33	1
Middletown Township	177	47	163	12
Millstone Township	24	2	9	1
Monmouth Beach Borough	16	1	3	...
Neptune Township	240	62	202	7
Neptune City Borough	50	13	19	...
Ocean Township	96	18	65	3
Oceanport Borough	45	42	19	...
Raritan Township	21	...	27	2
Red Bank Borough	279	296	176	7
Rumson Borough	56	32	48	1
Sea Bright Borough	22	7	24	3
Sea Girt Borough	22	15	7	...
Shrewsbury Borough	25	15	7	1
Shrewsbury Township	45	10	10	1
South Belmar Borough	16	7	12	1
Spring Lake Borough	32	10	28	2
Spring Lake Heights Borough	16	7	21	...
Union Beach Borough	45	5	33	2
Upper Freehold Township	31	7	25	3
Wall Township	94	23	46	2
West Long Branch Borough	46	10	22	1
Total	3522	2327	2408	119

DEPARTMENT OF HEALTH

MORRIS COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Boonton Town	152	65	91	6
Boonton Township	16	1	6	1
Butler Borough	86	37	37	2
Chatham Borough	116	29	57	2
Chatham Township	25	3	17	...
Chester Borough	11	5	14	...
Chester Township	8	1	8	1
Denville Township	90	29	43	1
Dover Town	239	134	154	9
East Hanover Township	14	9	14	...
Florham Park Borough	21	2	25	...
Hanover Township	66	18	33	1
Harding Township	29	6	13	1
Jefferson Township	28	7	18	2
Kinnelon Borough	11	...	2	...
Lincoln Park Borough	51	12	22	2
Madison Borough	187	62	89	2
Mendham Borough	24	15	14	...
Mendham Township	19	...	16	...
Mine Hill Township	23	4	7	...
Montville Township	89	14	37	2
Morris Plains Borough	48	38	25	1
Morristown Town	312	146	205	9
Morris Township	102	22	72	7
Mountain Lakes Borough	29	19	19	...
Mount Arlington Borough	15	1	10	...
Mount Olive Township	45	11	32	1
Netcong Borough	56	33	27	3
Parsippany-Troy Hills Township	103	32	52	2
Passaic Township	56	16	27	2
Pennauock Township	72	16	32	1
Randolph Township	95	14	25	3
Riverdale Borough	26	5	14	2
Rockaway Borough	80	32	40	2
Rockaway Township	75	14	33	...
Roxbury Township	106	22	50	2
Washington Township	31	16	30	...
Wharton Borough	75	36	53	3
Total	2631	926	1463	70

OCEAN COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Barnegat City Borough	2	...	1	...
Bay Head Borough	10	7	12	...
Beach Haven Borough	16	6	11	...
Beachwood Borough	21	3	16	1
Berkeley Township	9	6	8	1
Brick Township	35	14	31	1
Dover Township	96	69	80	2
Eagleswood Township	7	1	17	1
Harvey Cedars Borough	1	...	2	...
Island Beach Borough	5	3	4	...
Island Heights Borough	...	...	...	...
Jackson Township	33	5	27	1
Lacey Township	6	2	12	...
Lakehurst Borough	47	80	24	2
Lakewood Township	173	77	152	9
Lavallette Borough	1	2	4	...
Little Egg Harbor Township	3	...	4	...
Long Beach Township	5	6	9	...
Manchester Township	29	1	19	3
Mantoloking Borough	...	...	...	...
Ocean Township	9	1	7	...
Ocean Gate Borough	3	3	5	...
Pine Beach Borough	1	...	3	...
Plumsted Township	38	7	32	3
Point Pleasant Borough	70	7	33	2
Point Pleasant Beach Borough	16	43	32	...

BUREAU OF VITAL STATISTICS

131

OCEAN COUNTY—Continued

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Seaside Heights Borough	12	9	11	...
Seaside Park Borough	9	1	9	...
Ship Bottom-Beach Arlington Borough	1	3	5	...
South Toms River Borough	4	1	10	1
Stafford Township	22	4	22	...
Surf City Borough	1	...	1	...
Tuckerton Borough	18	9	19	...
Union Township	18	7	17	3
Total	712	377	630	30

PASSAIC COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Bloomington Borough	79	18	23	8
Clifton City	1053	216	464	22
Haledon Borough	102	27	65	3
Hawthorne Borough	222	77	139	7
Little Falls Township	110	48	52	8
North Haledon Borough	68	16	29	4
Passaic City	1060	728	625	35
Paterson City	2321	1461	1829	98
Pompton Lakes Borough	86	50	29	3
Prospect Park Borough	111	52	55	3
Ringwood Borough	22	3	18	5
Totowa Borough	97	13	40	1
Wanaque Borough	74	26	36	4
Wayne Township	189	40	70	7
West Milford Township	41	15	33	3
West Paterson Borough	57	17	34	1
Total	5692	2807	3551	212

SALEM COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Alloway Township	37	10	23	2
Elmer Borough	27	9	21	...
Elsinboro Township	17	...	8	...
Lower Alloways Creek Township	25	6	14	1
Lower Penns Neck Township	131	14	38	2
Mannington Township	33	5	17	1
Oldmans Township	36	9	12	2
Penns Grove Borough	200	67	93	8
Pile-grove Township	24	3	18	1
Pittsgrove Township	48	6	29	5
Quinton Township	32	6	14	1
Salem City	229	70	137	19
Upper Penns Neck Township	81	9	30	3
Upper Pittsgrove Township	45	8	23	1
Woodstown Borough	42	23	30	1
Total	1007	245	507	47

132

DEPARTMENT OF HEALTH

SOMERSET COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Bedminster Township	14	7	18	3
Bernards Township	61	15	34	1
Bernardsville Borough	63	31	29	1
Bound Brook Borough	217	105	99	4
Branchburg Township	23	17	20	1
Bridgewater Township	132	10	62	7
Far Hills Borough	15	8	3	...
Franklin Township	140	28	60	2
Green Brook Township	11	1	11	...
Hillsborough Township	52	15	30	1
Manville Borough	145	57	40	...
Millstone Borough	2	1	2	...
Montgomery Township	39	12	19	2
North Plainfield Borough	206	70	128	2
Peapack-Gladstone Borough	22	9	14	...
Raritan Borough	106	35	40	2
Rocky Hill Borough	16	2	8	1
Somerville Borough	200	96	109	8
South Bound Brook Borough	54	15	21	1
Warren Township	51	3	22	1
Watchung Borough	23	14	19	...
Total	1592	551	788	37

SUSSEX COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Andover Borough	13	3	7	...
Andover Township	23	3	8	2
Branchville Borough	13	14	10	1
Byram Township	5	1	6	...
Frankford Township	25	2	20	1
Franklin Borough	87	30	33	3
Fredon Township	6	2	5	...
Green Township	13	7	9	...
Hamburg Borough	22	19	15	1
Hampton Township	11	1	4	...
Hardyston Township	36	2	13	2
Hopatcong Borough	14	4	8	...
Lafayette Township	17	4	15	...
Montague Township	8	3	8	1
Newton Town	94	57	75	2
Ogdensburg Borough	24	5	14	...
Sandyston Township	7	...	8	1
Sparta Township	50	11	29	1
Stanhope Borough	22	19	16	1
Stillwater Township	8	7	14	...
Sussex Borough	41	20	36	3
Vernon Township	19	7	15	...
Walpack Township	5	1	3	...
Wantage Township	40	5	22	1
Total	603	227	393	20

BUREAU OF VITAL STATISTICS

133

UNION COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Clark Township	69	8	26	2
Cranford Township	299	124	147	9
Elizabeth City	2185	1049	1218	77
Fanwood Borough	56	12	13	1
Garwood Borough	114	25	28	2
Hillside Township	317	112	138	10
Kenilworth Borough	77	15	18	...
Linden City	604	151	215	18
Mountainside Borough	33	11	8	1
New Providence Borough	46	20	39	1
New Providence Township	38	6	18	...
Plainfield City	791	323	468	35
Rahway City	379	160	220	12
Roselle Borough	318	145	141	9
Roselle Park Borough	160	42	98	1
Scotch Plains Township	155	32	53	7
Springfield Township	83	42	35	...
Summit City	322	129	158	13
Union Township	566	159	231	14
Westfield Town	362	158	194	9
Winfield Township	46	1	3	1
Total	7020	2704	3460	222

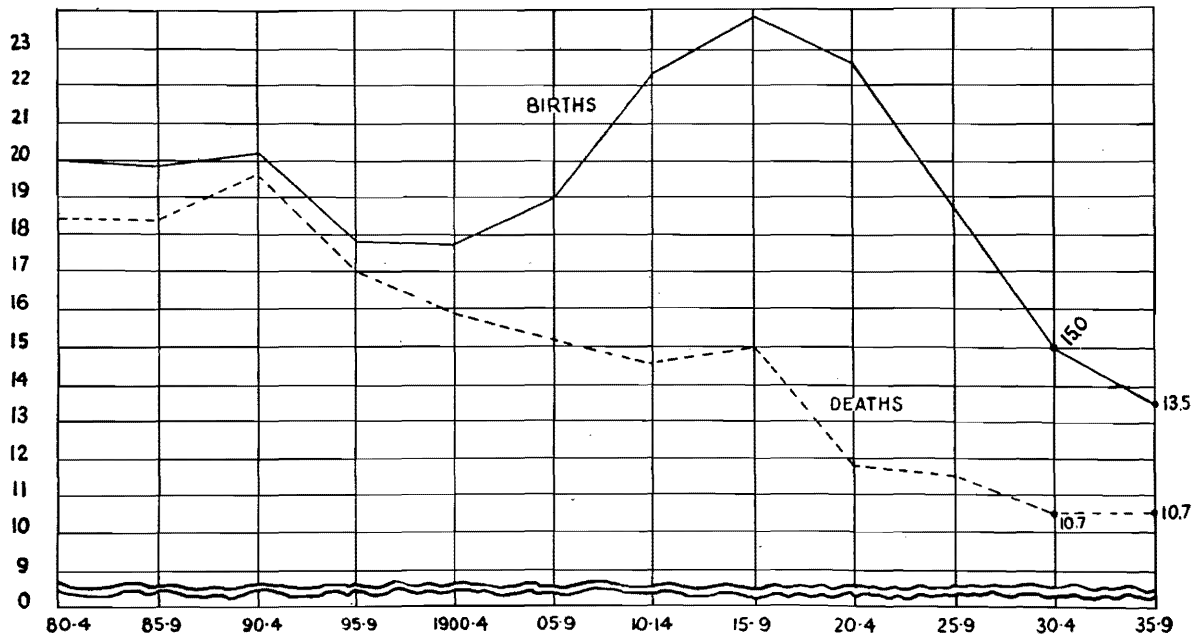
WARREN COUNTY

NAME OF PLACE	Births	Marriages	Deaths	Deaths under one year
Allamuchy Township	13	...	4	...
Alpha Borough	51	17	24	4
Belvidere Town	50	22	35	1
Blairstown Township	25	14	23	...
Franklin Township	34	8	16	1
Frelinghuysen Township	9	...	6	...
Greenwich Township	25	20	12	...
Hackettstown Town	78	30	54	1
Hardwick Township	4	...	2	...
Harmony Township	26	8	17	...
Hope Township	8	2	9	...
Independence Township	20	11	16	...
Knowlton Township	14	4	15	...
Liberty Township	4	1	6	1
Lopatcong Township	13	4	11	...
Mansfield Township	20	7	17	1
Oxford Township	30	16	30	1
Pahaquarry Township	...	...	...	...
Phillipsburg Town	369	146	245	15
Pohatcong Township	36	6	7	...
Washington Borough	78	47	71	2
Washington Township	20	3	23	1
White Township	22	3	9	...
Total	979	369	652	28
State Total	82356	41045	49781	2782

TABLE 2—DEATHS BY AGE PERIODS AND PERCENTAGES OF EACH OF TOTAL DEATHS, 1943

	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	49,781	2,782	199	108	84	85	3,258	243	697	1,304	2,172	4,443	8,323	11,047	11,359	6,016	919	..
Percentage of total..	100.0	5.6	0.4	0.2	0.2	0.2	6.5	0.5	1.4	2.6	4.4	8.9	16.7	22.2	22.8	12.1	1.8	..

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



Infant Mortality.—The infant mortality rate for 1943 was 33.8 per 1,000 babies born alive. The rate for 1942 was 31.4 and the average annual rate for the five-year period 1938-1942 was 36.0. 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 62.5. The colored races have shown high mortality rates ever since vital records were first collected and analyzed.

Maternal Mortality.—The rate of 1.8 for 1943 was 5.3% lower than the rate for 1942 and was the lowest since such rates were first computed in 1906. The average annual rate for the five-year period 1938-1942 was 2.7 per 1,000 live births. The colored maternal mortality rate for 1943 was 3.9.

BUREAU OF VITAL STATISTICS

137

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

CALENDAR YEAR	DEATHS IN NEW JERSEY				
	All Ages	Under one year		Under five years	
		Number	Percentage of Total	Number	Percentage of Total
1904	35,298	7,472	21.2	10,927	31.0
1905	33,864	6,951	20.5	9,864	29.1
1906	35,670	7,773	21.8	11,246	31.5
1907	37,408	7,732	20.7	10,867	29.0
1908	35,597	7,823	22.0	10,869	30.5
1909	36,359	7,658	21.1	11,137	30.6
1910	39,494	8,352	21.1	11,648	29.5
1911	38,612	7,642	19.8	10,740	27.8
1912	37,772	7,457	19.7	10,309	27.3
1913	39,425	7,542	19.1	10,686	27.1
1914	39,967	7,431	18.6	10,278	25.7
1915	39,435	7,077	17.9	9,828	24.9
1916	43,376	7,348	16.9	11,188	25.8
1917	43,532	7,582	17.4	10,267	23.6
1918	60,852	8,372	13.8	13,709	22.5
1919	39,979	6,111	15.3	8,661	21.7
1920	40,820	6,672	16.3	9,569	23.4
1921	37,362	5,773	15.4	8,047	21.5
1922	40,086	5,864	14.6	8,371	20.9
1923	41,294	5,368	13.0	7,727	18.7
1924	40,531	5,359	15.5	7,344	21.3
1925	41,749	5,109	12.3	6,997	16.8
1926	44,396	5,090	11.5	7,442	16.8
1927	41,562	4,464	10.7	6,045	14.5
1928	44,555	4,600	10.3	6,438	14.4
1929	45,746	4,116	9.0	5,795	12.6
1930	43,190	3,870	9.0	5,205	12.1
1931	44,135	3,649	8.3	4,916	11.1
1932	42,826	3,089	7.2	4,049	9.4
1933	43,380	2,608	6.0	3,512	8.1
1934	43,547	2,686	6.2	3,518	8.1
1935	43,267	2,539	5.9	3,291	7.6
1936	44,659	2,383	5.3	3,039	6.8
1937	45,312	2,170	4.8	2,870	6.3
1938	44,045	2,228	5.1	2,810	6.4
1939	43,837	2,180	5.0	2,677	6.1
1940	45,206	2,094	4.6	2,506	5.6
1941	45,971	2,392	5.2	2,809	6.1
1942	46,270	2,535	5.5	2,958	6.4
1943	49,781	2,782	5.6	3,258	6.5

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

<i>Year</i>	<i>Births Reported</i>	<i>Deaths Under 1 Year of Age</i>	<i>Rates per 1,000 Live Births</i>	<i>Deaths Under 1 Month of Age</i>	<i>Rates per 1,000 Live Births</i>	<i>Stillbirths</i>	<i>Rates per 1,000 Live Births</i>	<i>Maternal Deaths</i>	<i>Rates per 1,000 Live Births</i>
1906	42,677	7,773	182.1	2,545	59	2,399	56	322	7.5
1907	44,651	7,732	173.2	2,602	58	2,530	56	289	6.5
1908	47,405	7,823	165.2	2,655	56	2,617	55	329	6.9
1909	47,508	7,658	161.2	2,661	56	2,539	53	311	6.5
1910	53,942	8,352	154.8	2,801	51	2,737	50	377	6.9
1911	58,133	7,642	131.4	2,887	49	2,754	47	427	7.3
1912	60,073	7,457	124.1	2,836	47	2,953	49	415	6.9
1913	61,432	7,542	122.7	2,903	47	2,866	46	460	7.4
1914	65,403	7,431	113.6	2,995	45	3,074	47	416	6.3
1915	66,476	7,077	106.4	2,862	43	3,075	46	390	5.8
1916	70,211	7,348	104.7	3,075	43	3,221	45	383	5.4
1917	75,309	7,582	100.7	3,256	43	3,183	42	411	5.4
1918	74,549	8,372	112.3	3,175	42	3,525	47	417	5.5
1919	70,935	6,111	86.1	2,696	38	3,047	42	366	5.1
1920	76,431	6,672	87.2	2,961	38	3,221	42	472	6.1
1921	78,172	5,773	73.8	2,830	36	3,242	41	464	5.9
1922	74,479	5,864	78.7	2,773	37	3,033	40	466	6.2
1923	74,611	5,368	71.9	2,621	35	3,169	42	424	5.4
1924	76,530	5,359	70.0	2,739	35	3,177	41	466	6.0
1925	74,193	5,109	68.8	2,607	35	3,010	40	461	6.2
1926	72,386	5,090	70.3	2,537	35	3,018	41	394	5.4
1927	72,799	4,464	61.3	2,462	33	3,074	42	450	6.1
1928	70,076	4,600	65.6	2,485	35	2,864	40	406	5.7
1929	68,297	4,116	60.2	2,233	32	2,767	40	367	5.3
1930	68,282	3,870	56.6	2,107	30	2,647	38	390	5.7
1931	64,078	3,649	56.9	2,064	32	2,578	40	378	5.9
1932	61,215	3,089	50.4	1,802	29	2,343	38	351	5.7
1933	56,072	2,608	46.5	1,533	27	2,073	36	289	5.1
1934	54,841	2,686	48.9	1,634	29	2,025	36	294	5.3
1935	55,059	2,539	46.1	1,560	28	1,905	34	249	4.5
1936	54,145	2,383	44.0	1,449	26	1,846	34	202	3.7
1937	55,197	2,170	39.3	1,327	24	1,731	31	182	3.2
1938	56,602	2,228	39.3	1,365	24	1,704	30	191	3.3
1939	56,859	2,180	38.3	1,412	25	1,609	28	173	2.9
1940	59,328	2,094	35.3	1,422	24	1,543	26	172	2.9
1941	67,104	2,392	35.6	1,651	25	1,732	26	166	2.5
1942	80,812	2,535	31.4	1,821	22	2,006	25	152	1.9
1943	82,356	2,782	33.8	1,892	23	1,978	24	151	1.8

BUREAU OF VITAL STATISTICS

139

TABLE 5.—DEATHS UNDER ONE MONTH, STILLBIRTHS AND MATERNAL MORTALITY
PER THOUSAND LIVE BIRTHS—1943

	<i>Rate per 1,000 Live Births</i>		
	<i>Deaths Under One Month</i>	<i>Stillbirths</i>	<i>Maternal Deaths</i>
New Jersey	23	24	1.8
Atlantic County	25	25	2.7
Atlantic City	28	23	1.1
Bergen County	20	20	1.3
Burlington County	27	25	0.5
Camden County	21	24	2.8
Camden City	25	31	4.1
Cape May County	22	22	2.2
Cumberland County	25	19	2.6
Essex County	21	24	1.7
East Orange	15	15	1.5
Irvington	21	17	0.9
Newark	21	29	1.7
Gloucester County	26	26	3.8
Hudson County	24	23	1.8
Bayonne	20	18	1.4
Hoboken	32	20	3.4
Jersey City	25	23	1.4
Union City	25	27	2.1
Hunterdon County	13	25	..
Mercer County	38	29	2.4
Trenton	40	35	3.2
Middlesex	24	25	1.3
Monmouth County	23	28	1.1
Morris County	19	18	1.1
Ocean County	32	37	2.8
Passaic County	25	28	1.6
Passaic City	19	26	1.9
Paterson	28	35	1.7
Salem County	26	32	2.0
Somerset County	14	26	0.6
Sussex County	18	15	1.7
Union County	23	25	2.6
Elizabeth	25	27	3.7
Warren County	14	13	3.1

DEPARTMENT OF HEALTH

TABLE 7.—BIRTHS, DEATHS UNDER ONE YEAR AND INFANT MORTALITY RATES
(EXCLUSIVE OF STILLBIRTHS)—1943

	<i>Births</i> (<i>Exclusive of</i> <i>Stillbirths</i>)	<i>Deaths</i> <i>Under</i> <i>One Year</i>	<i>Infant</i> <i>Mortality</i> <i>Rates</i>
New Jersey	82,356	2,782	34
Atlantic County	1,824	66	36
Atlantic City	900	34	38
Hammonton	171	4	23
Pleasantville	189	6	32
Bergen County	8,294	237	29
Bergenfield	208	3	14
Cliffside Park	309	11	36
Englewood	356	12	34
Fairview	169	2	12
Fort Lee	155	4	26
Garfield	569	14	25
Hackensack	510	27	53
Lodi	291	11	38
Lyndhurst Township	371	9	24
North Arlington	269	8	30
Ridgefield Park	204	6	29
Ridgewood	235	7	30
Rutherford	253	5	20
Teaneck Township	463	9	19
Wallington	182	..	..
Burlington County	2,016	86	43
Burlington	245	17	69
Camden County	5,405	203	38
Audubon	235	7	30
Camden	2,419	108	45
Collingswood	243	5	21
Gloucester City	273	14	51
Haddonfield	168	4	24
Pennsauken Township	249	15	60
Cape May County	455	18	40
Cumberland County	1,513	67	44
Bridgeton	396	17	43
Millville	297	14	47
Vineland	154	4	25
Essex County	16,468	485	29
Belleville	626	24	38
Bloomfield	885	26	29
East Orange	1,308	28	21

BUREAU OF VITAL STATISTICS

141

	<i>Births</i> <i>(Exclusive of</i> <i>Stillbirths)</i>	<i>Deaths</i> <i>Under</i> <i>One Year</i>	<i>Infant</i> <i>Mortality</i> <i>Rates</i>
Irvington	1,053	24	23
Maplewood Township	322	8	25
Millburn Township	179	1	6
Montclair	713	24	34
Newark	8,615	278	32
Nutley	482	7	15
Orange	773	32	41
South Orange	177	4	23
West Orange	490	9	18
Gloucester County	1,562	67	43
Woodbury	200	11	55
Hudson County	12,162	399	33
Bayonne	1,479	43	29
Guttenberg	86	1	12
Harrison	265	3	11
Hoboken	888	31	35
Jersey City	5,889	207	35
Kearny	774	32	41
North Bergen Township	722	21	29
Secaucus	116	3	26
Union City	957	31	32
Weehawken Township	204	5	25
West New York	738	19	26
Hunterdon County	607	21	35
Mercer County	3,726	201	54
Princeton	142	4	28
Trenton	2,171	129	59
Middlesex County	4,566	147	32
Carteret	222	7	32
Highland Park	151	4	26
New Brunswick	749	28	37
Perth Amboy	811	31	38
Sayreville	156	2	13
South Amboy	173	7	40
South River	214	6	28
Woodbridge Township	727	19	26
Monmouth County	3,522	119	34
Asbury Park	294	9	31
Long Branch	411	15	36
Neptune Township	240	7	29
Red Bank	279	7	25

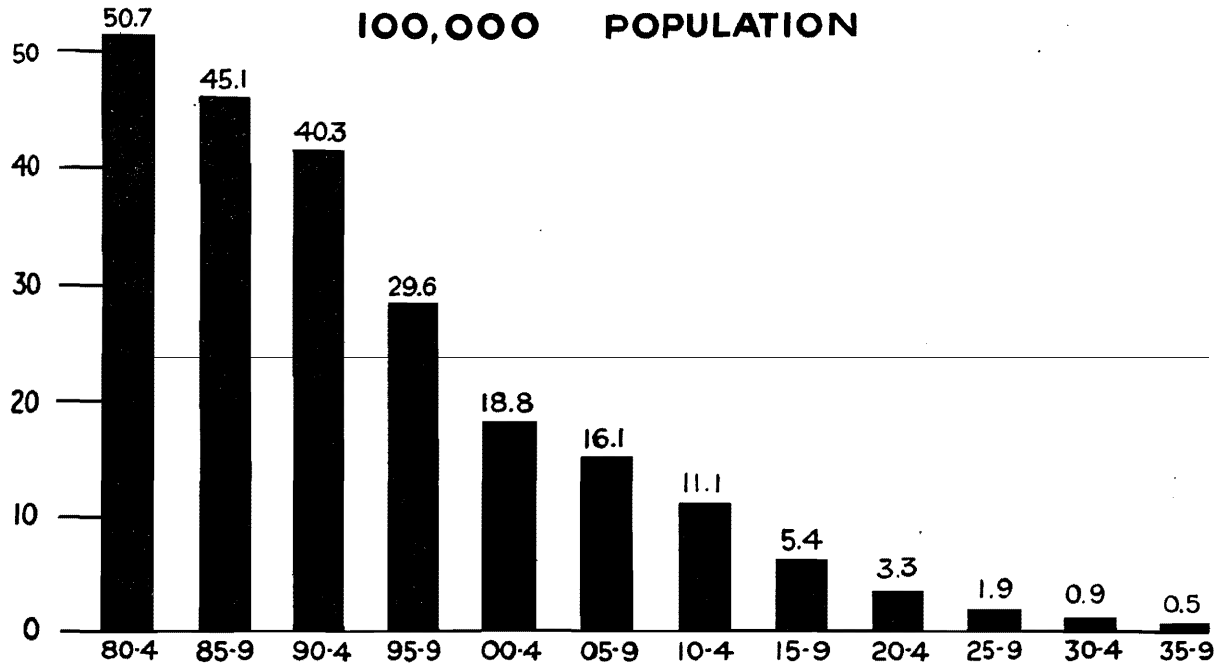
DEPARTMENT OF HEALTH

	<i>Births</i> (<i>Exclusive of</i> <i>Stillbirths</i>)	<i>Deaths</i> <i>Under</i> <i>One Year</i>	<i>Infant</i> <i>Mortality</i> <i>Rates</i>
Morris County	2,631	70	27
Dover	239	9	38
Madison	187	2	11
Morristown	312	9	29
Ocean County	712	30	42
Passaic County	5,692	212	37
Clifton	1,053	22	21
Hawthorne	222	7	32
Passaic	1,060	35	33
Paterson	2,321	98	42
Salem County	1,007	47	47
Salem City	229	19	83
Somerset County	1,592	37	23
Bound Brook	217	4	18
North Plainfield	206	2	10
Somerville	200	8	40
Sussex County	603	20	33
Union County	7,020	222	32
Cranford Township	299	9	30
Elizabeth	2,185	77	35
Hillside Township	317	10	32
Linden	604	18	30
Plainfield	791	35	44
Rahway	379	12	32
Roselle	318	9	28
Roselle Park	160	1	6
Summit	322	13	40
Union Township	566	14	25
Westfield	362	9	25
Warren County	979	28	29
Phillipsburg	399	15	38

NOTE: Birth rates formerly supplied in this table were not computed due to inability to arrive at reasonably accurate estimates of population. The fathers of many of the babies were men in the armed forces who were not included in Federal estimates of population. The war was also responsible for an unusual movement of civilian population into and throughout the State.

Typhoid Fever.—The number of deaths was 5 and the death rate only 0.1 per 100,000 population. Both the number of deaths and the rate were the same as for 1942. The New Jersey rate was very low compared with the United States rate of 0.5. The number of deaths from typhoid fever and other diseases of the International List of Causes of Death by counties and cities, may be obtained by referring to Table 20. Table 22 shows the more important causes by sex, color and age groups.

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



DEPARTMENT OF HEALTH

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

	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943
Registration area of the United States	3.3	2.7	2.4	2.1	1.8	1.5	1.0	0.8	0.5	0.5
New Jersey	0.7	0.5	0.6	0.5	0.4	0.4	0.3	0.2	0.1	0.1

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

	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943
Atlantic	1.5	5.8	4.3	1.4	1.4	2.4	8.8	...	1.6	...
Bergen	1.0	0.9	1.4	0.4	0.4	...	0.2	0.5	...	...
Burlington .....	...	...	1.0	2.0	1.0	1.0	...	...	...	...
Camden	0.3	1.1	0.3	0.7	...	1.2	...	0.4	...	0.4
Cape May	3.2	6.2	3.0	...	...	...	...	...	...	...
Cumberland .....	...	...	...	...	...	1.4	...	...	...	1.4
Essex	0.4	0.1	0.1	0.5	0.5	0.6	0.1	0.1	...	...
Gloucester	1.0	...	1.2	1.2	...	...	1.4	...	...	...
Hudson	0.1	...	0.2	0.1	0.6	...	0.3	...	0.2	...
Hunterdon .....	...	...	...	...	...	...	...	2.7	...	...
Mercer	0.5	...	1.0	...	0.5	...	1.0	...	...	...
Middlesex .....	...	...	...	...	0.4	...	0.9	0.5	...	0.4
Monmouth	7.7	1.2	0.6	3.6	...	...	0.6	0.6	0.6	0.6
Morris	1.7	...	...	...	...	...	...	...	...	...
Ocean .....	...	...	...	2.6	...	...	...	...	...	...
Passaic	0.6	0.3	0.3	...	0.3	0.3	...	0.3	0.3	...
Salem .....	...	...	5.5	...	...	2.4	...	...	...	...
Somerset	1.4	1.4	2.8	1.3	...	...	...	...	...	1.5
Sussex .....	...	...	...	3.4	...	...	...	...	...	...
Union .....	...	...	0.2	2.8	...	...	0.3	0.3	...	...
Warren .....	...	...	...	...	...	...	...	...	...	...
New Jersey	0.7	0.5	0.6	0.5	0.4	0.4	0.3	0.2	0.1	0.1

BUREAU OF VITAL STATISTICS

145

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

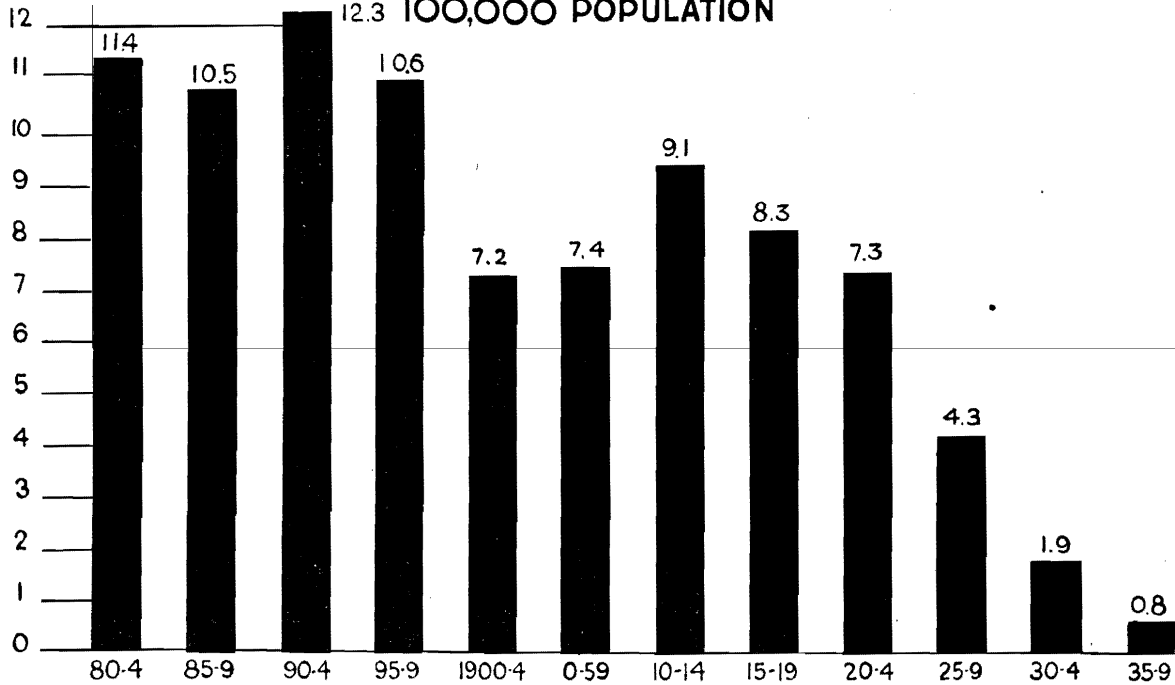
Measles.—Twenty-four deaths occurred from this disease, equivalent to a rate of 0.6 per 100,000 population. In 1942 7 deaths were reported, equivalent to a rate of 0.2.

Scarlet Fever.—The number of deaths from scarlet fever was 12, equivalent to a rate of 0.3 per 100,000 population. The number for the previous year was 8 and the rate was 0.2.

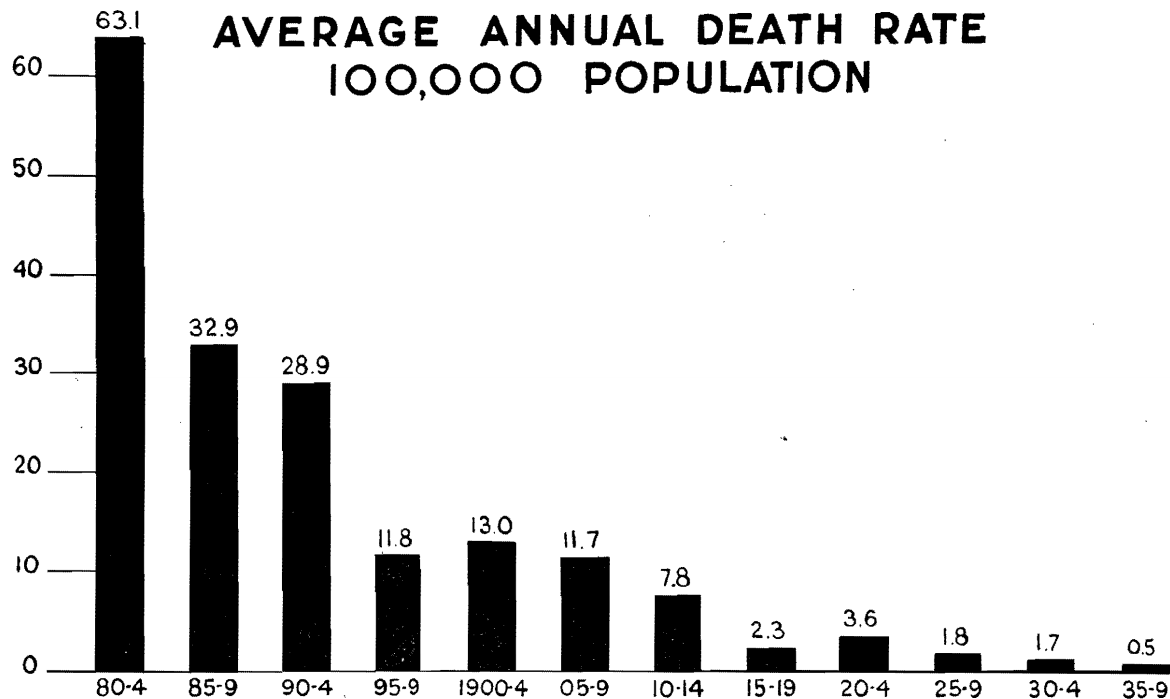
Malaria.—As the following figures show, deaths during recent years from this disease were practically negligible in the State:

1879	268	1896	119	1913	11	1930	5
1880	293	1897	132	1914	10	1931	0
1881	431	1898	82	1915	17	1932	3
1882	379	1899	96	1916	10	1933	1
1883	290	1900	84	1917	5	1934	0
1884	230	1901	50	1918	13	1935	6
1885	209	1902	36	1919	2	1936	3
1886	243	1903	40	1920	5	1937	0
1887	217	1904	47	1921	10	1938	1
1888	264	1905	21	1922	3	1939	1
1889	203	1906	33	1923	2	1940	0
1890	195	1907	29	1924	6	1941	0
1891	180	1908	30	1925	3	1942	3
1892	198	1909	25	1926	2	1943	2
1893	148	1910	25	1927	2		
1894	162	1911	25	1928	3		
1895	144	1912	29	1929	5		

NEW JERSEY MEASLES AVERAGE ANNUAL DEATH RATES 100,000 POPULATION



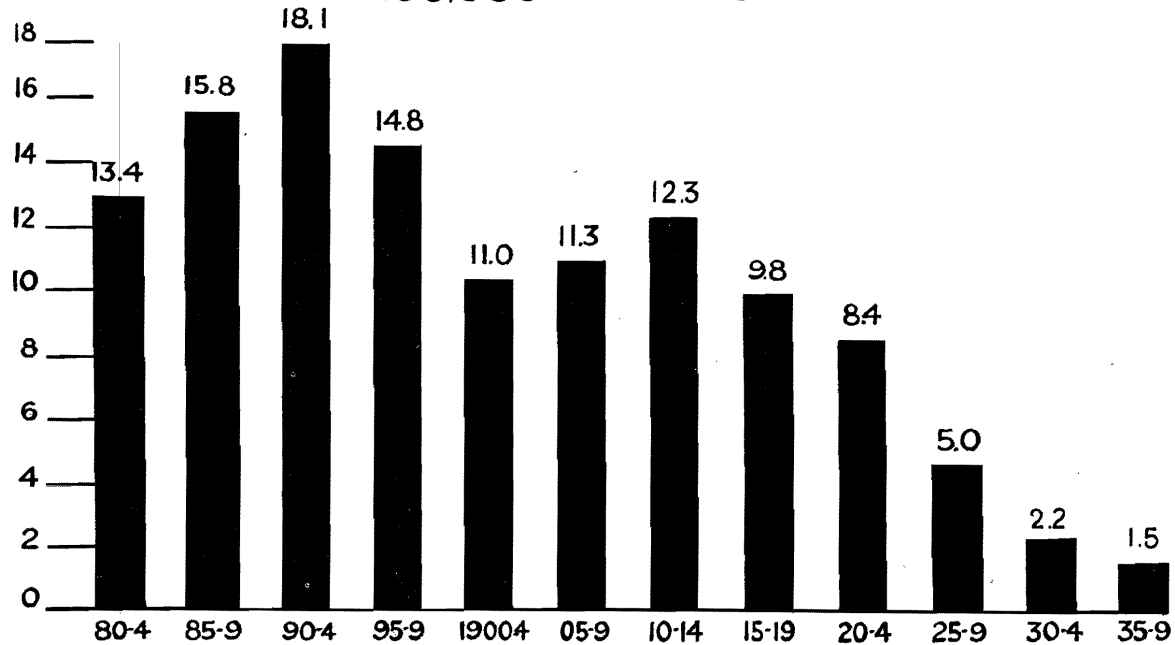
NEW JERSEY SCARLET FEVER AVERAGE ANNUAL DEATH RATE 100,000 POPULATION



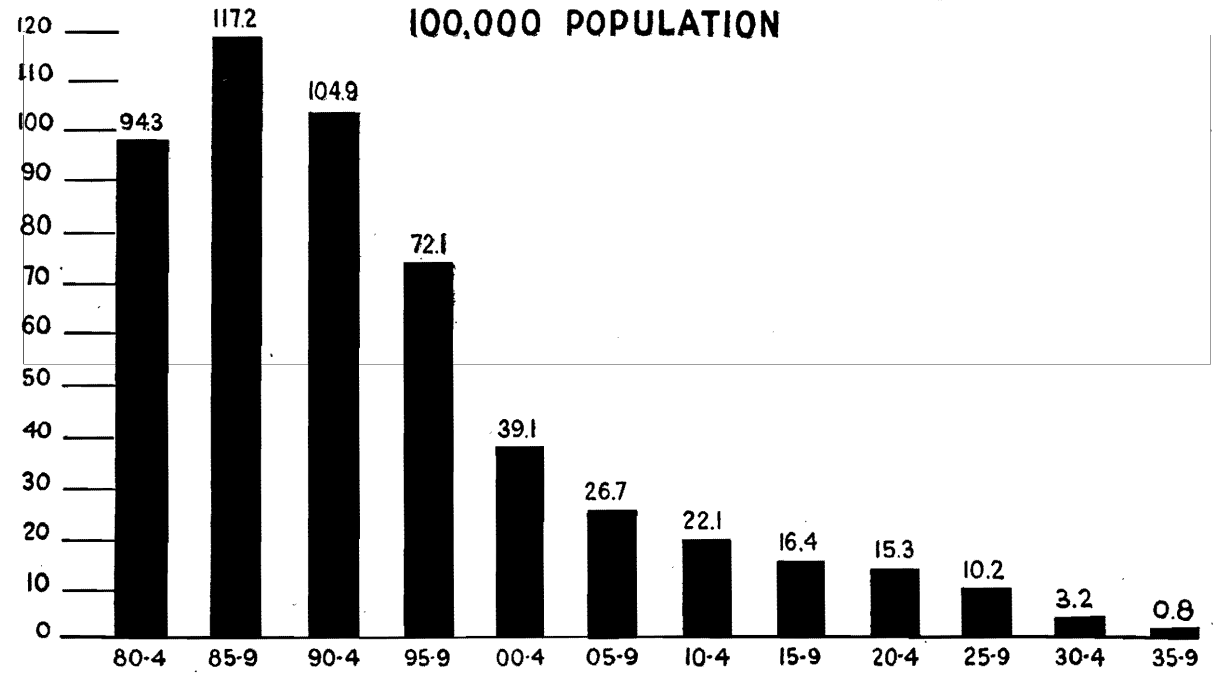
Whooping Cough.—This disease caused 38 deaths during 1943; for 1942 the number was 45 and for 1941, 35. The 1943 death rate was 0.9 per 100,000 population.

Diphtheria.—During 1943 only 12 persons died from diphtheria and laryngeal croup, equivalent to a rate of 0.3 per 100,000 population. The death rate from diphtheria for 1888 was 148 per 100,000 population. During the decade beginning with 1900, the rate declined from 48 to 25. The following ten-year period showed a decline to 18. The rate for 1943 was decidedly favorable when compared with the 1943 rate for the United States, which was 0.9.

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



NEW JERSEY DIPHTHERIA AVERAGE ANNUAL DEATH RATES 100,000 POPULATION



BUREAU OF VITAL STATISTICS

151

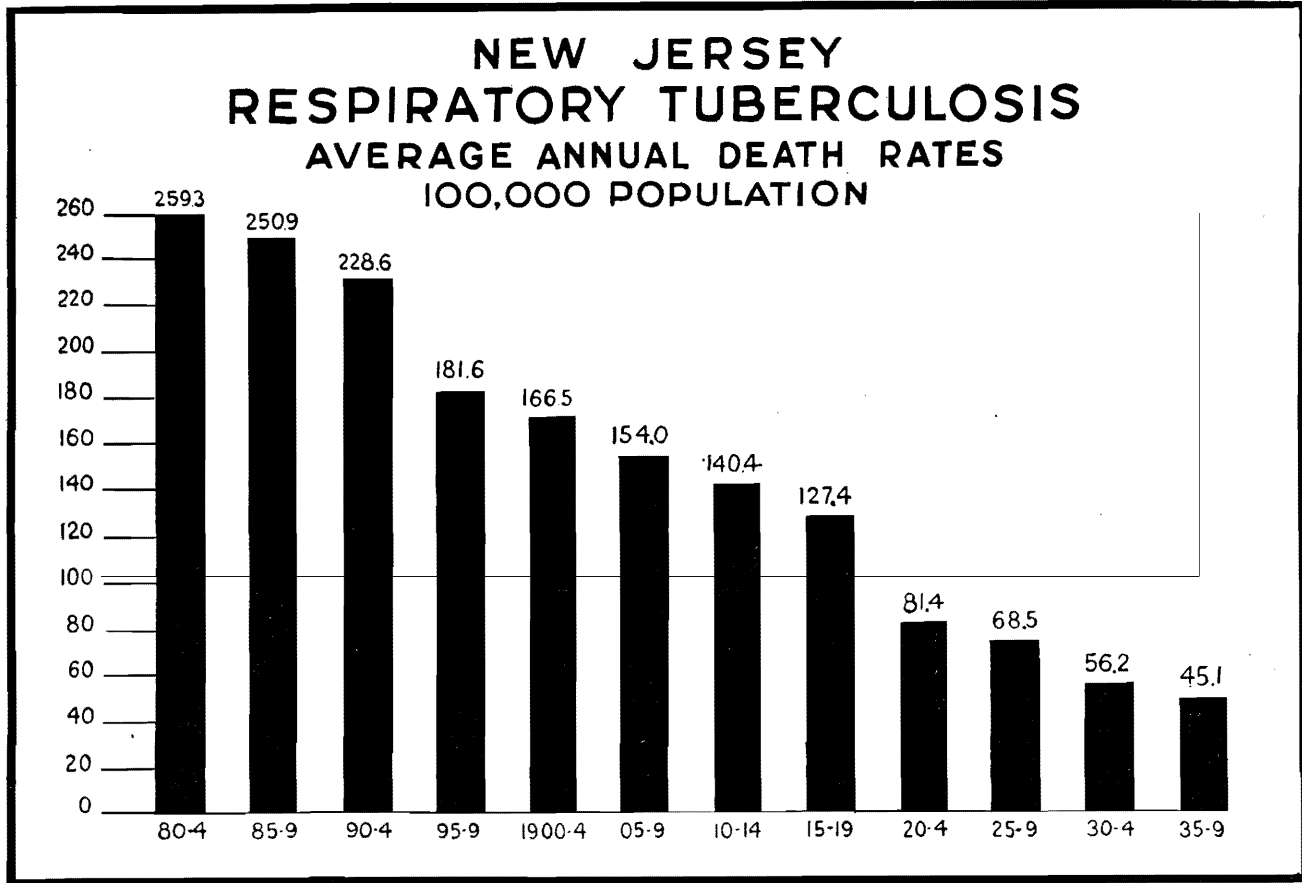
Tuberculosis.—The number of deaths from all forms of tuberculosis during 1943 was 1,913 of which 1,789 were deaths from tuberculosis of the respiratory system. The death rates per 100,000 population were 45.2 and 42.2, respectively. The rates for 1942 were 43.9 and 40.9.

White.—The number of deaths of white persons from all forms of tuberculosis was 1,483. This was equivalent to a rate of 37.1 per 100,000 white population. Similar figures for 1942 were 1,423 and 35.6.

Colored.—The number of deaths from all forms of tuberculosis was 430 and the rate 184.6 per 100,000 of colored population. Similar figures for 1942 were 432 and 185.8.

Rates for tuberculosis of the respiratory system and other forms of tuberculosis, by color, may be obtained by reference to Table 15.

Cancer.—The number of deaths from cancer and other malignant growths for 1943 was 6,474 and the death rate was 152.9 per 100,000 population compared with 151.4 for the previous year. The mortality from the disease, with few exceptions, has steadily increased since the time records were first kept in New Jersey. This may be due, in some measure, to the increasing age of the population and also to more accurate diagnosis of the disease by physicians.



NEW JERSEY CANCER AVERAGE ANNUAL DEATH RATES 100,000 POPULATION

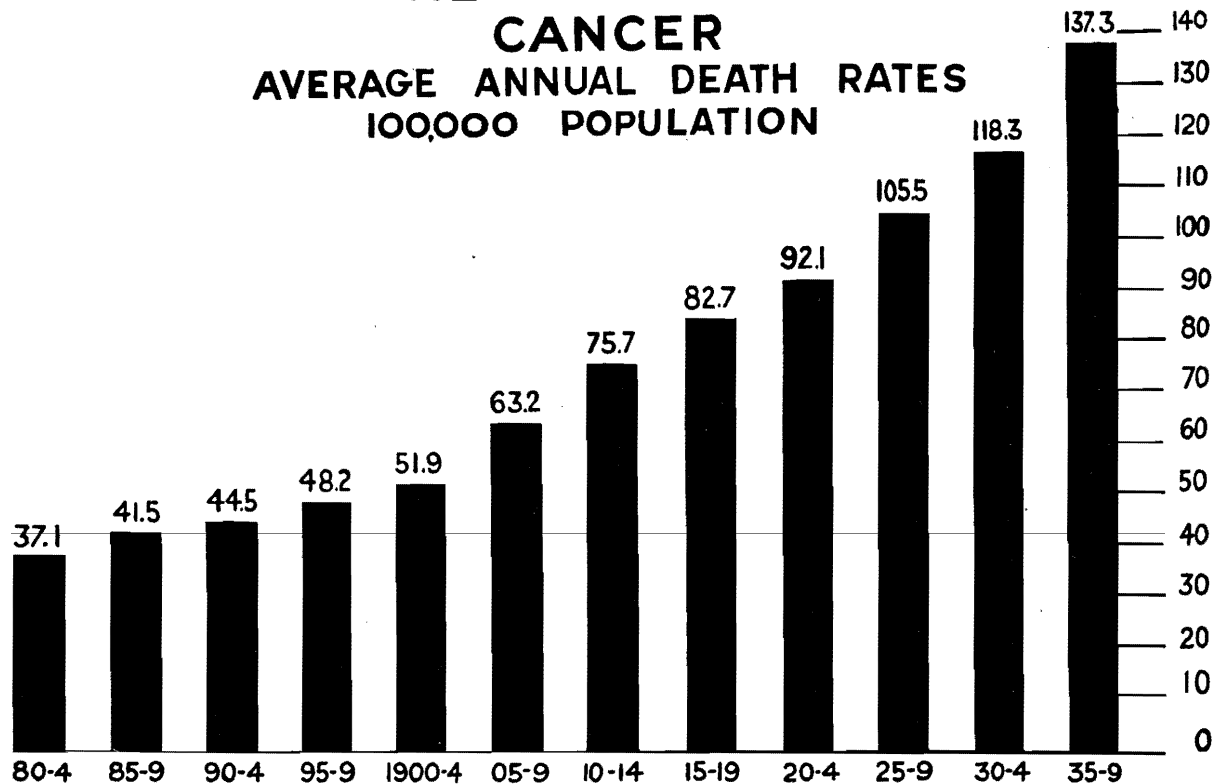


TABLE 12—DEATHS FROM CANCER AND OTHER MALIGNANT TUMORS BY ORGAN AFFECTED—NEW JERSEY, 1943

CANCER AND OTHER MALIGNANT TUMORS	AGE PERIODS																	Total			
	Under 1 year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79		80 to 84	85 to 89	90 and over
Buccal Cavity and Pharynx—																					
Male							2	1		3	9	11	29	39	26	25	18	14	6	2	185
Female					1					5	5	3	5	6	6	4	6	7	1	1	45
Total					1		2	1		8	14	14	32	47	32	30	22	20	7	3	230
Digestive Organs and Peritoneum—																					
Male	1	1	1			4	6	12	21	44	112	170	255	278	276	252	174	89	31	5	1732
Female	1				1	1	5	15	19	51	86	131	159	179	213	258	190	112	41	10	1472
Total	2	1	1		1	5	11	27	40	95	198	301	414	457	489	510	364	201	72	15	3204
Respiratory System—																					
Male			1	1		1	2	3	9	13	44	64	84	92	56	34	15	10	1		430
Female	1				1	1	1	4	9	4	11	9	19	11	19	8	4	4	3		100
Total	1		1	1	1	2	3	7	9	17	55	73	103	103	75	42	19	14	4		530
Uterus—Female						1	7	13	17	42	51	76	79	60	69	53	43	14	6	6	537
Other Female Genital Organs			2		2	1	6	2	11	13	31	22	30	22	18	13	8	8	2		191
Breast—																					
Male										1				1		2	1				7
Female						1	2	14	23	47	68	74	72	82	79	59	63	32	14	7	637
Total						1	2	14	23	48	68	74	73	82	80	61	64	33	14	7	644
Male Genital Organs					1	1	1	1		3	4	10	25	27	52	65	46	31	8	5	280
Urinary Organs (Male and Female)—																					
Male	1		1				1		5	1	9	30	33	37	30	25	21	19	3	1	217
Female		3					2	3	2	2	7	9	10	7	20	17	18	4	4	1	109
Total	1	3	1				3	3	7	3	16	39	43	44	50	42	39	23	7	2	326

TABLE 12A—DEATHS FROM CANCER AND OTHER MALIGNANT TUMORS BY PART OF BODY AFFECTED AND COLOR OF DECEDENT—NEW JERSEY, 1943

	Total		White		Colored			Total		White		Colored	
	M	F	M	F	M	F		M	F	M	F	M	F
Cancer of the buccal cavity and pharynx	185	45	180	42	5	3	Cancer of the breast	7	637	6	619	1	18
Lip	15	1	15	1	...	...	Cancer of the male genital organs ...	280	...	271	...	9	...
Tongue	58	6	56	6	2	...	Scrotum	3	...	3	...	...	...
Mouth	22	8	22	8	...	...	Prostate	254	...	246	...	8	...
Jaw bone	24	9	23	8	1	1	Testes	12	...	11	...	1	...
Unspecified parts of the buccal cavity	2	1	2	1	...	...	Penis	11	...	11	...	...	...
Pharynx	64	20	62	18	2	2	Other and unspecified sites .....	...	...	...	...	...	...
Cancer of the digestive organs and peritoneum	1731	1473	1660	1429	71	44	Cancer of the urinary organs	217	109	212	102	5	7
Esophagus	123	30	114	29	9	1	Kidney	56	30	54	28	2	2
Stomach	605	395	573	382	32	13	Bladder	160	78	157	73	3	5
Duodenum	4	8	4	8	...	...	Other and unspecified sites	1	1	1	1	...	...
Rectum and anus	242	192	237	185	5	7	Cancer of the skin (except vulva and scrotum)	57	46	56	44	1	2
Intestines (except duodenum and rectum)	424	499	407	487	17	12	Cancer of the brain and other parts of the central nervous system (including glioma, except when specified as benign)	51	36	50	35	1	1
Liver and biliary passages	171	213	166	206	5	7	Glioma	6	13	6	12	...	1
Pancreas	120	89	117	87	3	2	Other and unspecified cancers of the brain and central nervous system	45	23	44	23	1	...
Mesentery and peritoneum	21	19	21	17	...	2	Cancer of other and unspecified organs	193	149	175	141	18	8
Other and unspecified sites	21	28	21	28	...	...	Adrenal gland	2	3	2	3	...	...
Cancer of the respiratory system ...	430	100	418	96	12	4	Bone (except jaw bone and accessory sinuses)	27	24	24	24	3	...
Larynx	62	8	62	8	...	...	Thyroid gland	9	11	9	11	...	...
Trachea	1	...	1	...	...	...	Nasal cavity and accessory sinuses	3	5	1	5	2	...
Bronchus	101	7	99	7	2	...	Other and unspecified organs	152	106	139	98	13	8
Lung	243	71	233	68	10	3	Cancer of other female genital organs ...	...	191	...	188	...	3
Pleura	4	4	4	3	...	1	Ovary .....	...	168	...	165	...	3
Mediastinum and unspecified sites...	19	10	19	10	...	...	Fallopian tube and parametrium .....	...	1	...	1	...	...
Cancer of the uterus .....	...	537	...	491	...	46	Vagina .....	...	8	...	8	...	...
Cervix .....	...	192	...	176	...	16	Vulva .....	...	14	...	14	...	...
Other and unspecified sites .....	...	345	...	315	...	30	Other and unspecified sites .....	...	...	...	...	...	...
Grand Totals	3151	3323	3028	3187	123	136							

BUREAU OF VITAL STATISTICS

157

Encephalitis Lethargica or Sleeping Sickness.—Twenty-six deaths were assigned to this classification for the year 1943. In 1922, which was the year that the deaths were first separately classified, there were 45 deaths. Twenty-four deaths were recorded in 1942.

Nephritis.—Deaths due to acute and chronic nephritis totaled 3,088, compared with 2,950 for the previous year.

Suicide.—While deaths by this means increased considerably during the period 1926 to 1932, a reversal of trend started in 1933 and continued through 1936. Deaths for 1943 showed a decrease of 45 from the number for 1942. Of the various means employed, poisonous gases held first place with hanging or strangulation and firearms in second and third places, respectively. The number of deaths by suicide for ten years follows:

1934	.....	667	1939	.....	563
1935	.....	593	1940	.....	664
1936	.....	574	1941	.....	598
1937	.....	588	1942	.....	537
1938	.....	682	1943	.....	492

TABLE 13A—VIOLENT OR ACCIDENTAL DEATHS IN NEW JERSEY, 1943
(International Classification Numbers 163-195)

SUICIDE BY SOLID OR LIQUID POISONS		ACCIDENTAL ABSORPTION OF POISONOUS GAS	
Arsenic and compounds	2	Illuminating gas	107
Barbituric acid and derivatives	6	Motor vehicle exhaust gas	4
Cresol compounds	5	Other carbon monoxide gas	19
Mercury and compounds	4	Other poisonous gases	10
Nux vomica and strychnine	1		
Carbolic acid and phenol	1	ACUTE ACCIDENTAL POISONING BY SOLIDS AND LIQUIDS	
Other solid or liquid poisons	17	Arsenic and compounds .....	..
		Barbituric acid and derivatives	4
SUICIDE BY POISONOUS GASES		Cresol compounds .....	..
Illuminating gas	156	Mercury and compounds	2
Motor vehicle exhaust gas	25	Nux Vomica and strychnine .....	..
Other carbon monoxide gas .....	..	Carbolic acid and phenol .....	..
Other poisonous gases .....	..	Lye and potash .....	..
		Tobacco and derivatives	1
SUICIDE BY OTHER MEANS		Narcotics .....	..
Hanging or strangulation	126	Methanol and other alcohols	5
Drowning	22	Other and unspecified substances	15
Firearms and explosives	91	Conflagration	106
Cutting or piercing instruments	22	Accidental burns (except due to conflagration)	101
Jumping from high places	30	Accidental mechanical suffocation	46
Crushing	7	Accidental drowning	195
Other or unspecified means .....	..	Accidental injury by firearms	39
Infanticide (homicide by infants under 1 year of age)	5	Accidental injury by cutting or piercing instruments	6
Homicide by firearms	37		
Homicide by cutting or piercing instruments	31	ACCIDENTAL INJURY BY FALL OR CRUSHING	
Homicide by other means	25	Fall	871
Railway accidents (except collisions with motor vehicles)	106	Crushing	14
		Cataclysm (all deaths attributed to a cataclysm regardless of their nature) .....	..
MOTOR VEHICLE ACCIDENTS		Injury by animals (not specified as venomous or occurring in the course of agricultural and forestry operations)	1
Collisions between automobiles and trains	35	Hunger or thirst	1
Collisions between automobiles and streetcars .....	..	Excessive cold	15
Automobile accidents (except collisions with trains or streetcars)	665	Excessive heat	26
Motorcycle accidents (except collisions with automobiles)	9	Lightning	1
		Accidents due to electric currents (except lightning)	19
STREETCAR AND OTHER ROAD-TRANSPORT ACCIDENTS		Poisoning by venomous animals (not specified as occurring in the course of agricultural and forestry operations)	1
Streetcar accidents (except collisions with trains or motor vehicles)	4		
Other and unspecified road-transport accidents	6	OTHER ACCIDENTS	
Water-transport accidents	59	Sequelae of preventive immunization, inoculation or vaccination	1
Air-transport accidents	49	Other accidents due to medical or surgical intervention	1
Accidents in mines and quarries	3	Lack of care of the newborn	1
		Obstruction, suffocation or puncture by ingested objects	33
AGRICULTURAL AND FORESTRY ACCIDENTS		Other and unspecified accidents	138
Accidents involving agricultural machinery and vehicles	7		
Injury by animals in agriculture	3		
Other agricultural accidents	9		
Accidents involving forestry machinery and vehicles .....	..	
Other forestry accidents	1		
Other accidents involving machinery	50		
Food poisoning	6		

BUREAU OF VITAL STATISTICS

159

TABLE 13b.—MOTOR VEHICLE FATALITIES IN NEW JERSEY
BY TYPE OF ACCIDENT—1943

Total	709
Collision with	
Railroad train	36
Street car	3
Horse drawn vehicle	3
Motorcycle	6
Pedestrian	392
Bicycle	13
Other motor vehicle	105
Fixed object	74
Non-collision	72
Type not stated	5

TABLE 13c.—ACCIDENTAL DEATHS IN NEW JERSEY
BY IMMEDIATE CAUSE OF DEATH AND PLACE OF OCCURRENCE—1943

(International Classification Numbers 169-195)

	<i>Total</i>	<i>Home</i>	<i>Accident in</i>				<i>Other</i>	<i>Not Stated</i>
			<i>Farm</i>	<i>Place</i>	<i>Public</i>	<i>Place</i>		
Total	2,795	1,075	19	354	1,225	2	120	
Poisonous gas	173	156	3	9	5	..	..
Burns	214	138	1	45	25	..	5	
Mechanical suffocation	56	48	..	7	1	..	..
Drowning	238	14	1	25	198	..	..
Cutting or piercing	20	5	3	5	3	..	4	
Fall	938	625	8	97	175	..	33	
Crushing, landslides	983	21	..	141	789	..	32	
Electric currents	20	2	..	17	1	..	..
Other and unspecified injuries..	153	66	3	8	28	2	46	

These totals vary, in some instances, from figures in the other tabulations of accidental deaths. The deaths are classified by the immediate causes irrespective of the nature of the accidents.

DEPARTMENT OF HEALTH

TABLE 13d.—DEATHS IN NEW JERSEY FROM CERTAIN TYPES OF ACCIDENTS
BY PLACE OF DEATH—1943

(International Classification Numbers 169-195)

	<i>Total Accidental Deaths</i>	<i>Motor Vehicle</i>	<i>Falls</i>	<i>Burns</i>	<i>Drowning</i>
Total	2,795	709	871	207	195
Atlantic County	102	19	44	8	5
Bergen County	146	51	51	10	7
Burlington County	102	40	14	7	16
Camden County	178	49	59	8	9
Cape May County	28	2	4	2	6
Cumberland County	71	29	15	10	9
Essex County	469	116	187	39	17
Gloucester County	59	21	7	6	6
Hudson County	416	75	134	29	31
Hunterdon County	18	3	2	..	..
Mercer County	153	38	64	8	14
Middlesex County	168	48	35	15	18
Monmouth County	157	38	53	8	13
Morris County	80	13	23	8	6
Ocean County	72	15	12	2	15
Passaic County	190	47	81	12	7
Salem County	40	11	5	7	5
Somerset County	65	16	15	4	3
Sussex County	36	8	4	5	2
Union County	209	61	50	16	5
Warren County	36	9	12	3	1

BUREAU OF VITAL STATISTICS

161

TABLE 13e.—ACCIDENTAL DEATHS IN NEW JERSEY BY MONTH OF DEATH—1943

(International Classification Numbers 169-195)

	<i>Total Accidental Deaths</i>	<i>Motor Vehicle</i>	<i>Falls</i>	<i>Burns</i>	<i>Drowning</i>
Total	2,795	709	871	207	195
January	262	77	90	25	10
February	200	42	64	27	7
March	230	59	82	22	9
April	221	49	70	22	15
May	236	53	73	14	13
June	274	38	82	16	50
July	227	60	64	14	37
August	212	55	52	2	20
September	202	62	71	7	13
October	238	74	75	8	9
November	210	59	65	22	3
December	283	81	83	28	9

TABLE 13f.—ACCIDENTAL DEATHS IN NEW JERSEY BY AGE OF DECEASED—1943

(International Classification Numbers 169-195)

	<i>Total Accidental Deaths</i>	<i>Motor Vehicle</i>	<i>Falls</i>	<i>Burns</i>	<i>Drowning</i>
All ages	2,795	709	871	207	195
Under 5 years	187	28	12	28	23
5 to 9	97	37	4	17	22
10 to 14	77	19	11	3	27
15 to 19	113	37	6	4	26
20 to 24	139	58	7	4	12
25 to 64	1,270	398	243	99	76
65 and over	912	132	588	52	9

DEPARTMENT OF HEALTH

TABLE 14—PERCENTAGE OF THE VARIOUS CAUSES OF TOTAL DEATHS AND EACH SEX OF TOTAL, IN NEW JERSEY—1943

Abridged International List Number	CAUSE OF DEATH	Percentage of Total	Males—Percentage of Total	Females—Percentage of Total
	ALL CAUSES	100.0	54	46
1	Typhoid and paratyphoid fevers	0.0	78	22
2	Plague .....	..	..	..
3	Scarlet fever	0.0	67	33
4	Whooping cough	0.1	39	61
5	Diphtheria	0.0	58	42
6	Tuberculosis of the respiratory system	3.6	65	35
7	All other forms of tuberculosis	0.2	59	41
8	Malaria	0.0	100	..
9	Syphilis	0.9	72	38
10	Influenza	0.7	50	50
11	Smallpox .....	..	..	..
12	Measles	0.0	54	46
13	Typhus fever	0.0	50	50
14	Other infectious or parasitic diseases	0.6	62	38
15	Cancer and other malignant tumors	13.0	49	51
16	Nonmalignant tumors or tumors of unspecified nature	0.5	27	73
17	Chronic rheumatism and gout	0.1	40	60
18	Diabetes mellitus	3.2	31	69
19	Chronic or acute alcoholism	0.2	86	14
20	Avitaminoses, other general diseases, diseases of the blood, and chronic poisonings	1.2	46	54
21	Meningitis (nonmeningococcal) and diseases of the spinal cord	0.3	59	41
22	Intracranial lesions of vascular origin	8.6	45	55
23	Other diseases of the nervous system and sense organs	0.7	55	45
24	Diseases of the heart	34.9	56	44
25	Other diseases of the circulatory system	2.5	52	48
26	Bronchitis	0.3	66	40
27	Pneumonia and bronchopneumonia	4.4	58	42
28	Other diseases of the respiratory system	0.7	63	37
29	Diarrhea and enteritis	0.5	53	47
30	Appendicitis	0.5	61	39
31	Diseases of the liver and biliary passages	1.7	55	45
32	Other diseases of the digestive system	1.9	63	37
33	Nephritis	6.2	50	50
34	Other diseases of the urinary and genital systems	0.9	75	25
35	Puerperal infection	0.1	..	100
36	Other diseases of pregnancy, childbirth, and the puerperium	0.2	..	100
37	Diseases of the skin, cellular tissue, bones, and organs of movement	0.2	51	49
38	Congenital malformations and debility, premature birth, and diseases peculiar to the first year of life	3.9	57	43
39	Senility, old age	0.6	47	53
40	Suicide	1.0	64	46
41	Homicide	0.2	74	26
42	Automobile accidents (all motor-driven road vehicles)	1.3	81	19
43	Other violent or accidental deaths (suicide, homicide, and automobile accidents excepted)	4.0	62	38
44	Causes of death ill-defined, unknown, or unspecified	0.1	54	46

BUREAU OF VITAL STATISTICS

163

TABLE 15—DEATH RATES, TOTAL, WHITE AND COLORED, FROM IMPORTANT CAUSES, PER 100,000 TOTAL, WHITE AND COLORED POPULATION IN NEW JERSEY—1948

Abridged International List Number	CAUSE OF DEATH	Total Deaths per 100,000 Estimated Population	White Deaths per 100,000 Estimated White Population	Colored Deaths per 100,000 Estimated Colored Population
	ALL CAUSES	1216.5	1192.4	1633.3
1	Typhoid and paratyphoid fevers	0.2	0.1	2.2
2	Plague .....	...	...	...
3	Scarlet fever	0.3	0.3	...
4	Whooping cough	0.9	0.7	4.4
5	Diphtheria	0.3	0.3	0.9
6	Tuberculosis of the respiratory system	43.7	36.1	174.2
7	All other forms of tuberculosis	3.0	2.2	16.9
8	Malaria .....	...	...	...
9	Syphilis	10.9	7.6	67.1
10	Influenza	8.4	8.2	12.4
11	Smallpox .....	...	...	...
12	Measles	0.6	0.6	0.4
13	Typhus fever .....	...	...	...
14	Other infectious or parasitic diseases	7.6	6.8	20.9
15	Cancer and other malignant tumors	158.2	160.7	115.1
16	Nonmalignant tumors or tumors of unspecified nature	6.2	5.8	14.2
17	Chronic rheumatism and gout	1.5	1.5	0.9
18	Diabetes mellitus	38.8	39.3	30.2
19	Chronic or acute alcoholism	1.9	1.9	2.2
20	Avitaminoses, other general diseases, diseases of the blood, and chronic poisonings	15.1	14.9	19.6
21	Meningitis (nonmeningococcal) and diseases of the spinal cord	3.8	3.5	8.4
22	Intracranial lesions of vascular origin	104.9	104.1	119.1
23	Other diseases of the nervous system and sense organs	8.4	8.3	10.2
24	Diseases of the heart	424.3	425.2	408.8
25	Other diseases of the circulatory system	30.3	30.3	31.1
26	Bronchitis	3.1	3.0	4.4
27	Pneumonia and bronchopneumonia	53.0	49.0	120.9
28	Other diseases of the respiratory system	7.9	7.7	11.6
29	Diarrhea and enteritis	6.1	5.6	13.8
30	Appendicitis	6.2	6.3	5.3
31	Diseases of the liver and biliary passages	20.3	20.7	13.3
32	Other diseases of the digestive system	23.7	23.4	28.9
33	Nephritis	75.5	72.9	120.0
34	Other diseases of the urinary and genital systems	11.0	10.8	14.7
35	Puerperal infection	1.2	1.1	3.6
36	Other diseases of pregnancy, childbirth, and the puerperium	2.5	2.3	6.2
37	Diseases of the skin, cellular tissue, bones, and organs of movement	2.0	1.8	4.4
38	Congenital malformations and debility, premature birth, and diseases peculiar to the first year of life	47.2	44.6	92.9
39	Senility, old age	7.5	7.4	9.3
40	Suicide	12.0	12.4	4.9
41	Homicide	2.4	1.4	19.6
42	Automobile accidents (all motor-driven road vehicles)	16.0	15.3	27.1
43	Other violent or accidental deaths (suicide, homicide, and automobile accidents excepted)	48.4	47.3	68.4
44	Causes of death ill-defined, unknown, or unspecified	1.2	1.0	5.8

TABLE 16—DEATHS (EXCLUSIVE OF STILLBIRTHS) BY CAUSES AND MONTHS OF DEATH, IN NEW JERSEY—1943

Abridged International List Number	CAUSE OF DEATH	MONTH OF DEATH												
		Total	January	February	March	April	May	June	July	August	September	October	November	December
		ALL CAUSES	49781	4716	4271	4418	4459	4143	3984	3519	3447	3382	3978	3680	5784
1 Typhoid and paratyphoid fevers	9	.....	.....	.....	.....	.....	1	1	2	3	2	.....	.....
2 Plague .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3 Scarlet fever	12	2	1	2	3	1	.....	.....	.....	.....	1	1	1
4 Whooping cough	38	4	2	3	5	6	4	2	5	1	3	2	1	
5 Diphtheria	12	1	2	3	1	.....	.....	.....	.....	.....	.....	.....	.....
6 Tuberculosis of the respiratory system	1789	138	148	165	183	192	177	152	149	116	119	107	143	
7 All other forms of tuberculosis	124	9	11	14	6	10	11	10	7	11	9	15	11	
8 Malaria	2	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
9 Syphilis	444	50	39	32	48	43	33	27	36	29	31	31	45	
10 Influenza	344	25	24	18	34	18	5	5	4	4	8	13	186	
11 Smallpox .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12 Measles	24	1	5	3	4	4	5	1	.....	.....	.....	.....	1
13 Typhus fever	2	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....
14 Other infectious or parasitic diseases	311	22	32	30	29	37	23	22	17	23	30	24	22	
15 Cancer and other malignant tumors	6474	582	480	537	519	545	534	565	543	535	534	504	596	
16 Nonmalignant tumors or tumors of unspecified nature	255	28	16	18	30	20	23	31	16	19	24	10	20	
17 Chronic rheumatism and gout	60	5	3	9	8	2	5	2	6	4	4	7	5	
18 Diabetes mellitus	1587	157	125	138	154	137	131	117	103	123	121	113	168	
19 Chronic or acute alcoholism	77	8	6	11	8	7	10	7	3	3	5	2	3	
20 Avitaminoses, other general diseases, diseases of the blood, and chronic poisonings	619	51	49	59	48	64	53	46	39	47	50	49	64	
21 Meningitis (nonmeningococcal) and diseases of the spinal cord	155	18	17	12	17	10	15	5	17	7	15	7	15	
22 Intracranial lesions of vascular origin	4294	385	393	401	395	324	326	272	306	305	376	328	483	
23 Other diseases of the nervous system and sense organs	344	34	31	33	25	25	41	30	24	13	29	19	40	
24 Diseases of the heart	17362	1746	1546	1544	1530	1443	1299	1143	1132	1106	1354	1325	2194	
25 Other diseases of the circulatory system	1240	124	100	109	114	90	121	90	74	70	99	98	151	
26 Bronchitis	127	16	17	14	9	6	3	7	2	8	10	11	24	

27	Pneumonia and bronchopneumonia	2167	253	212	231	229	166	115	74	75	85	129	127	471
28	Other diseases of the respiratory system	324	37	31	29	31	23	28	19	22	23	29	23	29
29	Diarrhea and enteritis	249	20	28	18	23	17	20	23	17	27	21	14	21
30	Appendicitis	254	19	12	15	31	23	34	29	22	16	20	13	20
31	Diseases of the liver and biliary passages	829	74	77	77	73	74	62	65	58	62	72	59	76
32	Other diseases of the digestive system	970	82	88	99	89	91	73	87	77	60	72	72	86
33	Nephritis	3088	286	288	259	285	248	242	215	202	223	276	225	339
34	Other diseases of the urinary and genital systems	450	35	32	35	41	39	47	33	33	21	40	38	56
35	Puerperal infection	49	6	1	5	4	6	5	...	6	3	4	2	7
36	Other diseases of pregnancy, childbirth, and the puerperium	102	15	6	7	9	5	10	4	9	7	9	9	12
37	Diseases of the skin, cellular tissue, bones, and organs of movement	81	6	3	3	6	9	4	8	3	14	14	7	4
38	Congenital malformations and debility, premature birth, and diseases peculiar to the first year of life	1933	154	169	173	163	158	185	153	160	142	174	170	132
39	Senility, old age	308	24	28	29	30	23	26	21	19	17	23	14	52
40	Suicide	492	39	42	45	52	50	43	41	44	34	35	31	36
41	Homicide	97	5	10	8	6	7	5	10	9	12	8	6	11
42	Automobile accidents (all motor-driven road vehicles)	653	64	37	59	48	40	37	51	53	60	66	58	71
43	Other violent or accidental deaths (suicide, homicide, and automobile accidents excepted)...	1982	187	157	166	164	167	221	146	147	143	156	139	189
44	Causes of death ill-defined, unknown, or unspecified	50	4	3	5	5	4	4	4	4	3	6	5	3

TABLE 17—DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM EACH CAUSE OF THE ABRIDGED INTERNATIONAL LIST, BY AGE, SEX, AND COLOR IN NEW JERSEY, 1943—Continued

CAUSE OF DEATH, SEX, AND COLOR	All deaths	AGE PERIODS—YEARS																									
		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 Measles—																											
Total	24	5	3	2	3	18	2	3				1															
Males—White	12	6	3			11		1																			
Males—Colored	1																										
Females—White	11	2		2	2	6	2	2			1																
Females—Colored																											
13 Typhus fever—																											
Total	2																1	1									
Males—White	1																	1									
Males—Colored																											
Females—White	1																1										
Females—Colored																											
14 Other infectious or parasitic diseases—																											
Total	311	20	6	2	1	29	8	13	24	18	25	27	23	25	21	22	21	18	15	11	7	2	2				
Males—White	165	12	4			16	8	7	13	8	11	12	7	8	14	13	14	12	10	5	5	1	1				
Males—Colored	28		1		1			2	5	1	2	3	4	4	1	2	1	1									
Females—White	99	6		2		8		4	4	8	8	10	8	10	6	7	6	5	5	6	2	1	1				
Females—Colored	19	2	1			3			2	1	4	2	4	3													
15 Cancer and other malignant tumors—																											
Total	6474	5	3	1	1	7	17	11	13	21	45	75	137	262	479	658	842	904	920	869	654	377	139	43			
Males—White	3028	2	2		1	3	8	6	4	12	13	19	44	78	194	293	436	485	452	428	304	173	58	15			
Males—Colored	123		1			1	1	1	2	1	4	3	4	7	10	19	17	21	15	11	2	5		1			
Females—White	3187	3	1	1		1	6	4	6	9	26	47	82	161	262	327	371	384	433	423	344	194	81	25			
Females—Colored	136					2	2		1		2	6	7	16	13	19	18	14	20	7	4	5		2			
16 Nonmalignant tumors or tumors of unspecified nature—																											
Total	255	4	1	2		3	10	2	1	2	13	16	25	24	39	38	17	15	17	10	12	11	1				
Males—White	65	4	1	2		1	8				2	2	4	6	12	4	8	7	4	4	4						
Males—Colored	4						1		1						1		1										
Females—White	158					2	2	1	2		2	10	7	19	14	29	7	8	12	6	7	7	1				
Females—Colored	28							1			1	9	4	6	3	2	1		1		1						

TABLE 17—DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM EACH CAUSE OF THE ABRIDGED INTERNATIONAL LIST, BY AGE, SEX, AND COLOR IN NEW JERSEY, 1943—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	17362	2			4	3	9	13	37	51	77	87	173	254	456	828	1291	1686	2073	2400	2584	2214	1811	934	384		
Males—White	9300	1			2	1	4	4	12	26	35	40	90	123	261	493	839	1064	1288	1320	1357	1058	785	369	140		
Males—Colored	497	1			1	1	3		3	4	5	2	7	17	37	59	63	56	58	67	58	23	18	12	5		
Females—White	7142				1	1	2	8	20	19	34	39	72	93	126	238	346	515	681	962	1126	1105	986	540	230		
Females—Colored	423							1	2	2	3	6	4	21	32	38	43	51	54	51	43	28	22	13	9		
25 Other diseases of the circulatory system—																											
Total	1240								1	1	4	4	4	17	15	25	29	53	88	127	174	207	233	169	89		
Males—White	601								1	1	1	1	2	6	6	19	15	23	54	64	90	110	113	65	31		
Males—Colored	43													1	3	8	4	8	4	5	8	3	6	1	1		
Females—White	569							1			3	2	2	7	6	4	7	20	30	57	72	90	112	102	54		
Females—Colored	27												2	3	1	4	2	2	1	4	4	2	1	3			
26 Bronchitis—																											
Total	127	19	5	3	3		30		1	1	1	2	2	2	4	8	3	7	11	16	6	15	8	7	3		
Males—White	70	12	2	2	1		17		1		1	1	1	1	3	6	2	2	10	11	3	5	2	3	1		
Males—Colored	6	3	1				4											1									
Females—White	47	4	1	1	1		7											3	1	5	1	10	6	4	2		
Females—Colored	4		1				2											1			1						
27 Pneumonia and broncho-pneumonia—																											
Total	2167	353	47	16	12	7	435	10	14	23	28	34	40	59	74	124	134	169	176	190	188	193	150	90	36		
Males—White	1099	173	23	3	5	4	208	8	9	12	13	17	17	20	44	78	77	113	118	95	81	95	50	32	12		
Males—Colored	162	36	6	1	2	1	46			2	6	2	6	18	9	13	15	10	7	14	6	2	4	1	1		
Females—White	706	120	13	8	4	2	147	1	5	6	9	12	14	16	14	24	34	36	44	76	95	92	93	57	21		
Females—Colored	119	24	5	4	1		34	1		3		3	5	7	9	8	10	10	7	5	6	4	3		2		
28 Other diseases of the respiratory system—																											
Total	324	9	7	1		4	21	3	3	6	5	10	13	8	16	25	31	37	23	41	23	19	18	16	6		
Males—White	187	4	5	1		2	12	2		3	3	5	6	5	6	13	26	24	16	26	15	8	8	6	3		
Males—Colored	18									1		1	2	1	4	2	2	2		2	2		1				
Females—White	111	5	2			2	9	1	3	1	2	3	5	2	9	7	2	10	7	13	6	10	8	10	3		
Females—Colored	8									1		1		1	1	1	1	1				1	1				

TABLE 18—DEATHS (exclusive of stillbirths) BY CAUSES, BY DAYS, WEEKS AND MONTHS OF THE FIRST YEAR OF LIFE IN NEW JERSEY—1943

Abridged Internation- al List Number	CAUSE OF DEATH	AGE UNDER 1 YEAR, IN COMPLETED DAYS, WEEKS AND MONTHS														
		Under 1 Year	DAYS				WEEKS				MONTHS					
			Under 1	One	Two	3 to 6	Under 1	One	Two	Three	Under 1	One	Two	3 to 5	6 to 8	9 to 11
	ALL CAUSES	2782	883	248	166	239	1536	120	115	121	1892	195	149	297	136	113
1	Typhoid and paratyphoid fevers															
2	Plague															
3	Scarlet fever	1									1					
4	Whooping cough	27								1	1	3	6	5	2	8
5	Diphtheria	1	1				1									
6	Tuberculosis of the respiratory system	2						1			1				1	
7	All other forms of tuberculosis	7												2	1	4
8	Malaria															
9	Syphilis	10		1			1				1	3	4	2		
10	Influenza	22										1	2	9	7	3
11	Smallpox											1				
12	Measles	8											2	3	1	2
13	Typhus fever															
14	Other infectious or parasitic diseases	20				1	1	2			3	1	2	6	3	5
15	Cancer and other malignant tumors	5	1				1				1	1		1		2
16	Nonmalignant tumors or tumors of unspecified nature	4										1		2	1	
17	Chronic rheumatism and gout															
18	Diabetes mellitus	1														1
19	Chronic or acute alcoholism															
20	Avitaminoses, other general diseases, diseases of the blood, and chronic poisonings	51	3	4	1	4	12	2	1	4	19	5	7	13	6	1
21	Meningitis (nonmeningococcal) and diseases of the spinal cord	15						1	1		2	3	1	2	5	2
22	Intracranial lesions of vascular origin	6	2	2	1		5				5			1		2
23	Other diseases of the nervous system and sense organs	21				2	2		2	1	5	2	1	2	7	4
24	Diseases of the heart	2												1		1
25	Other diseases of the circulatory system															

26	Bronchitis	19								1	1	3	3	3	5	4
27	Pneumonia and bronchopneumonia	353	2	4	5	8	19	14	20	23	76	50	45	105	42	35
28	Other diseases of the respiratory system	9				1	1	1		2			4	3		
29	Diarrhea and enteritis	171	1	1			2	7	21	23	53	32	16	43	15	12
30	Appendicitis															
31	Diseases of the liver and biliary passages	1											1			
32	Other diseases of the digestive system	29				1	1			3	4	8	1	10	4	2
33	Nephritis	3			1	1	2				2				1	
34	Other diseases of the urinary and genital systems	2								1	1	1				
35	Puerperal infection															
36	Other diseases of pregnancy, childbirth, and the puerperium															
37	Diseases of the skin, cellular tissue, bones, and organs of movement	8							3	2	5	1		2		
38	Congenital malformations and debility, premature birth, and diseases peculiar to the first year of life	1898	870	236	136	219	1481	90	65	69	1696	62	37	60	28	15
39	Senility, old age															
40	Suicide															
41	Homicide	7	2		1		3				3	2		1		1
42	Automobile accidents (all motor-driven road vehicles)	4											2	1		1
43	Other violent or accidental deaths (suicide, homicide, and automobile accidents excepted)	73	1		1	2	4	2	1	1	8	15	13	20	7	10
44	Causes of death ill-defined, unknown, or unspecified	2							1	1	2					

26	Bronchitis	19	2	2	3	1	1	1	1	1	2	3	3	
27	Pneumonia and bronchopneumonia	353	65	43	43	18	30	24	8	12	14	21	26	49
28	Other diseases of the respiratory system	9	2	1	2	1	1	1	1	1	1	1	2	1
29	Diarrhea and enteritis	171	15	19	10	16	14	12	11	13	20	15	12	14
30	Appendicitis	1												
31	Diseases of the liver and biliary passages	1												1
32	Other diseases of the digestive system	29	2	5	3	2	2	4	1	1	4	2	1	2
33	Nephritis	3							1	2				
34	Other diseases of the urinary and genital systems	2						1			1			
35	Puerperal infection													
36	Other diseases of pregnancy, childbirth, and the puerperium													
37	Diseases of the skin, cellular tissue, bones, and organs of movement	8	1	1	1				1		2	1		1
38	Congenital malformations and debility, premature birth, and diseases peculiar to the first year of life	1898	152	165	171	162	155	180	152	156	140	172	166	127
39	Senility, old age													
40	Suicide													
41	Homicide	7		1		1								
42	Automobile accidents (all motor-driven road vehicles)	4						1				1	1	1
43	Other violent or accidental deaths (suicide, homicide, and automobile accidents excepted)	73	4	6	9	6	12	6	3	5	4	4	5	9
44	Causes of death ill-defined, unknown, or unspecified	2							1				1	

DEPARTMENT OF HEALTH

TABLE 20—DEATHS FROM EACH CAUSE, DETAILED INTERNATIONAL LIST, IN THE
(COUNTY FIGURES INCLUDE

	State Total	Atlantic County	Atlantic City	Hammonton	Pleasantville	Bergen County	Bergenfield	Cliffside Park	Englewood	Fairview	Fort Lee	Garfield
1. Typhoid fever	5											
2. Paratyphoid fever	4											
3. Plague												
4. Cholera												
5. Undulant fever (brucellosis)												
6. Cerebrospinal (meningococcus) meningitis	126	9	6		1	4	1					
7. Anthrax (infection by Bacillus anthracis)	1											
8. Scarlet fever	12	1				1						
9. Whooping cough	38	3				1						
10. Diphtheria	12					1						
11. Erysipelas	6											
12. Tetanus	4											
13. Tuberculosis of the respiratory system	1789	80	58	3	2	124	2	3	3	4	1	6
14. Tuberculosis of the meninges and central nervous system	28	1	1			2						
15. Tuberculosis of the intestines and peritoneum	17											
16. Tuberculosis of the vertebral column	20	1	1			1						
17. Tuberculosis of the bones and joints	1											
18. Tuberculosis of the skin and subcutaneous cellular tissue	1					1		1				
19. Tuberculosis of the lymphatic system	2											
20. Tuberculosis of the genito-urinary system	12	1				1						
21. Tuberculosis of other organs	2											
22. Disseminated tuberculosis	41	2	2			1						
23. Leprosy												
24. Septicemia and purulent infection (non-puerperal)	32	2	1			4						
25. Gonococcus infection	15	1				1						
26. Other diseases due to bacteria (except dysentery)												
27. Dysentery	8	1										
28. Malaria	2						1					
29. Other diseases due to parasitic protozoa												
30. Syphilis	444	30	21	1	2	30	2	1	3		1	
31. Relapsing fever												
32. Other diseases due to spirochetes	2											
33. Influenza	344	13	10		1	20			1			2
34. Smallpox												
35. Measles	24	1	1			1		1				
36. Acute poliomyelitis and acute poli-encephalitis	10											
37. Acute infectious encephalitis (lethargic)	26					3						
38. Other diseases due to filtrable viruses	6	1			1	1						
39. Typhus fever and typhus-like diseases (due to Ticksittsia)	2											
40. Ankylostomiasis												
41. Hydatid disease	1											
42. Other diseases caused by helminths	2											
43. Mycoses	4					1						
44. Other infectious and parasitic (communicable) diseases	68	1				6		2				
45. Cancer of the buccal cavity and pharynx	230	6	2			28	1	3	4	1		2
46. Cancer of the digestive organs and peritoneum	3204	96	47	8	10	288	2	15	12	6	7	21
47. Cancer of the respiratory system	530	14	5	1	1	33		3				2
48. Cancer of the uterus	537	28	19	2		45	3	1	3		1	1
49. Cancer of other female genital organs	191	4	3			17	1					1
50. Cancer of the breast	644	19	14	1	1	67	3	4	6		1	1
51. Cancer of the male genital organs	280	4	3		1	23			1			1
52. Cancer of the urinary organs (male and female)	326	11	8		1	33		1	4		2	2
53. Cancer of the skin (except vulva and scrotum)	103	4	2			6			1			

BUREAU OF VITAL STATISTICS

COUNTIES OF NEW JERSEY AND SELECTED MUNICIPALITIES AND TOWNSHIPS
PLACES WHICH FOLLOW): 1943

Hackensack	Loth	Lyndhurst Twp.	North Arlington	Ridgefield Park	Ridgewood	Rutherford	Teaneck Twp.	Wallington	Burlington County	Burlington	Camden County	Camden	Andubon	Collingswood	Gloucester City	Pennsauken Twp.	Haddonfield	Cape May County	Cumberland County	Bridgeton	Millville	Vineland
19	4	1	2	5	6	6	6	3	42	3	112	69	2	4	7	6	3	11	21	9	4	1
1			1						2		1	1							1	1		
1									12		2	2							1			
1									1		1	1							1	1		
4	1			1	1		4	2	12	4	26	14	1		1	2		7	8	3		1
1		3		1	2		2	1	14	1	46	24	1	2	2	4	1		10	3	2	
									3	1	4	1			3							
							1		1		3	1										
											1	1										
1					1						3	1	1							1		1
1	1			2			3		7	1	10	8					1	1	4	2	1	
13	5	10	6	16	9	11	19	4	85	8	197	98	7	6	11	7	9	23	49	11	14	7
3			2		3	3	3		5	1	31	17		1	3	1	2	1	11	2	3	2
6		1	1	1	2		3	2	11	2	39	13	2	3	2	1		3	9	4	3	
2	2			1		1	1		7		4				1	1		1	3		3	
4		7	3	4	1	1	8		15	1	38	15	3	3	1	3	3	2	8	5	1	
	2		1		2	2	2		13	3	21	9	3	3		1		4	8	1	3	1
2		3		2	2	1	2		6	2	18	5		1	3			2	5	1		2
1				1		1	1		8		10	2	1	1	1				2	1	1	

DEPARTMENT OF HEALTH

TABLE 20—DEATHS FROM EACH CAUSE, DETAILED INTERNATIONAL LIST, IN THE
(COUNTY FIGURES INCLUDE

	Essex County	Belleville	Bloomfield	East Orange	Irvington	Maplewood Twp.	Millburn Twp.	Montclair	Newark	Nutley	Orange	South Orange	West Orange	Gloucester County
1. Typhoid fever									2					
2. Paratyphoid fever	2													
3. Plague														
4. Cholera														
5. Undulant fever (brucellosis)				2	2	2	1	2	25		1			2
6. Cerebrospinal (meningococcus) meningitis	38	1												
7. Anthrax (infection by Bacillus anthracis)									1					
8. Scarlet fever	1								1					
9. Whooping cough	1							3						2
10. Diphtheria	1								1					
11. Erysipelas	2													
12. Tetanus														
13. Tuberculosis of the respiratory system	427	8	11	16	10	1		11	316	9	21	8	12	28
14. Tuberculosis of the meninges and central nervous system	8	1		1				1	5					1
15. Tuberculosis of the intestines and peritoneum	9								9					
16. Tuberculosis of the vertebral column	3								3					
17. Tuberculosis of the bones and joints														
18. Tuberculosis of the skin and subcutaneous cellular tissue														
19. Tuberculosis of the lymphatic system								1						
20. Tuberculosis of the genito-urinary system	1													
21. Tuberculosis of other organs														
22. Disseminated tuberculosis	11								9		1	1		
23. Leprosy														
24. Septicemia and purulent infection (non-puerperal)	5		1			1			2		1			1
25. Gonococcus infection	6				1				5					
26. Other diseases due to bacteria (except dysentery)	1					1								1
27. Dysentery														
28. Malaria														
29. Other diseases due to parasitic protozoa														
30. Syphilis	103	3	2	9	3	1		5	69		8			8
31. Relapsing fever	1								1					
32. Other diseases due to spirochetes	57	6	1	4	4		1	2	30	2	2	1	1	6
33. Influenza														
34. Smallpox			1				1							3
35. Measles	2													
36. Acute poliomyelitis and acute poli-encephalitis														
37. Acute infectious encephalitis (lethargic)	8						1	2	3	1		1		
38. Other diseases due to filtrable viruses	2			1									1	
39. Typhus fever and typhus-like diseases (due to Tickettsia)														
40. Ankylostomiasis														
41. Hydatid disease	1				1									
42. Other diseases caused by helminths														
43. Mycoses														
44. Other infectious and parasitic (communicable) diseases	9				1			1	4		1	1		
45. Cancer of the buccal cavity and pharynx	53	1	1	5	3	1	1	2	27	2	2		2	7
46. Cancer of the digestive organs and peritoneum	662	20	34	78	45	13	8	26	326	23	21	8	28	55
47. Cancer of the respiratory system	129	4	9	9	5	1	1	5	79	1	4	1	4	7
48. Cancer of the uterus	97	3	4	12	2	4	2	3	50	3	4	1	3	15
49. Cancer of other female genital organs	46	1	1	6	1	2	1	2	25		1	2	2	5
50. Cancer of the breast	147	5	11	20	9	4	5	9	62	2	7	4	3	12
51. Cancer of the male genital organs	40	1	2	6	1	2	1	2	16	3	1	3	1	5
52. Cancer of the urinary organs (male and female)	59	1	2	6	5	2	2	3	30		2	1	1	8
53. Cancer of the skin (except vulva and scrotum)	18			3	2			2	11					8

DEPARTMENT OF HEALTH

TABLE 20—DEATHS FROM EACH CAUSE, DETAILED INTERNATIONAL LIST, IN THE
(COUNTY FIGURES INCLUDE

	Monmouth County	Asbury Park	Long Branch	Neptune Twp.	Red Bank	Morris County	Dover	Madison	Morristown	Ocean County	Passaic County	Clifton
1. Typhoid fever	1											
2. Paratyphoid fever												
3. Plague												
4. Cholera												
5. Undulant fever (brucellosis)												
6. Cerebrospinal (meningococcus) meningitis	10	2	2	1		1					5	
7. Anthrax (infection by Bacillus anthracis)	1										1	
8. Scarlet fever	2										1	
9. Whooping cough												
10. Diphtheria										1		
11. Erysipelas												
12. Tetanus												
13. Tuberculosis of the respiratory system	56	7	6	2	6	41	4	3	5	23	108	11
14. Tuberculosis of the meninges and central nervous system						2					1	
15. Tuberculosis of the intestines and peritoneum										1		
16. Tuberculosis of the vertebral column	2					1					1	
17. Tuberculosis of the bones and joints												
18. Tuberculosis of the skin and subcutaneous cellular tissue						1			1		1	
19. Tuberculosis of the lymphatic system						1			1			
20. Tuberculosis of the genito-urinary system						1			1		2	
21. Tuberculosis of other organs												
22. Disseminated tuberculosis	2	1				2		1		1	5	2
23. Leprosy												
24. Septicemia and purulent infection (non-puerperal)	3	3				1				2	5	
25. Gonococcus infection	1											
26. Other diseases due to bacteria (except dysentery)												
27. Dysentery												
28. Malaria												
29. Other diseases due to parasitic protozoa												
30. Syphilis	28	7	3		2	15	2	3	3	6	27	4
31. Relapsing fever												
32. Other diseases due to spirochetes												
33. Influenza	14		2	1	1	8			2	8	22	3
34. Smallpox												
35. Measles										1		
36. Acute poliomyelitis and acute polio-encephalitis	1	1										
37. Acute infectious encephalitis (lethargic)	2			1						1	3	1
38. Other diseases due to filtrable viruses	1		1							1		
39. Typhus fever and typhus-like diseases (due to Ticksstia)	1									1		
40. Antylostomiasis												
41. Hydatid disease												
42. Other diseases caused by helminths	1											
43. Mycoses												
44. Other infectious and parasitic (communicable) diseases	5				1	4					10	1
45. Cancer of the buccal cavity and pharynx	11	1	1	2	1	6	3				12	
46. Cancer of the digestive organs and peritoneum	129	18	12	11	14	100	15	7	16	38	233	33
47. Cancer of the respiratory system	22	1	4		3	16	1		1	12	40	6
48. Cancer of the uterus	21	5	4	1	1	11		1	1	10	38	7
49. Cancer of other female genital organs	8	1	2	1		8			1	1	19	5
50. Cancer of the breast	27	2	2	4	2	15	3	1	2	7	46	2
51. Cancer of the male genital organs	17	1	1	1	1	9	1	1		13	15	2
52. Cancer of the urinary organs (male and female)	16	1	1		1	8	2	2		1	22	1
53. Cancer of the skin (except vulva and scrotum)	3	1				4	1	1		2	3	1

DEPARTMENT OF HEALTH

TABLE 20—DEATHS FROM EACH CAUSE, DETAILED INTERNATIONAL LIST, IN THE
(COUNTY FIGURES INCLUDE

	State Total	Atlantic County	Atlantic City	Hammonon	Pleasantville	Bergen County	Bergenfield	Cliffside Park	Englewood	Fairview	Fort Lee	Garfield
54. Cancer of the brain and other parts of the central nervous system	87	2				12					1	
55. Cancer of other and unspecified organs	342	11	7	2	1	28				1	2	2
56. Nonmalignant tumors (including dermoid cysts)	164	2		1		16		1	1	1		
57. Tumors of unspecified nature	91	4	1			9	1				1	
58. Acute rheumatic fever	97	3	2			8			1			
59. Chronic rheumatism and other rheumatic diseases	69	3	1			1						
60. Gout												
61. Diabetes mellitus	1587	54	26	4	4	141	4	6	8	1	3	8
62. Diseases of the pituitary gland	2					1						
63. Diseases of the thyroid and parathyroid glands	105	1	1			14				1		2
64. Diseases of the thymus gland	49					6						
65. Diseases of the adrenal glands (not specified as tuberculous)	19	2	2									
66. Other general diseases	9					1				1		
67. Scurvy	1											
68. Beriberi	1											
69. Pellagra	1											
70. Rickets	3											
71. Avitaminoses												
72. Hemorrhagic conditions	23	4	2									
73. Anemias (except splenic anemia)	87	4	3		1	3			1			1
74. Leukemias and aleukemias	188	5	2			19			2	2		2
75. Diseases of the spleen	15											
76. Other diseases of the blood and blood-forming organs	16					1						
77. Alcoholism	77	2	2			4						
78. Lead poisoning												
79. Chronic poisoning by other mineral or organic substances	4											
80. Encephalitis (nonepidemic)	43	1	1			3				1		
81. Meningitis (not due to meningococcus)	70	3	3			5			1	2		
82. Diseases of the spinal cord (except locomotor ataxia and disseminated sclerosis)	85	3	1			8						
83. Intracranial lesions of vascular origin	4294	177	91	7	15	377	6	7	28	6	10	15
84. Mental diseases and deficiency (except general paralysis of the insane)	43	1		1		3						1
85. Epilepsy	70	3	2			6	1					
86. Convulsions (under 5 years of age)	7											
87. Other diseases of the nervous system	151	5	3			16	1	1				
88. Diseases of the organs of vision	2											
89. Diseases of the ear and mastoid process	28											
90. Pericarditis (except acute rheumatic)	21	2	2			1						
91. Acute endocarditis (except rheumatic)	99	2	1		1	8			1			
92. Chronic affections of the valves and endocardium	1387	52	26		8	109	5	4	3	3	2	5
93. Diseases of the myocardium	10245	268	137	24	26	855	23	35	52	27	16	47
94. Diseases of the coronary arteries and angina pectoris	4214	178	113	2	12	481	12	15	26	7	16	20
95. Other diseases of the heart	1366	49	31		4	104	1	7	5	2		6
96. Aneurysm (except of heart and aorta)	50	2	1		1	3						
97. Arteriosclerosis (except coronary or renal sclerosis)	1017	25	16		1	80	3	3			4	3
98. Gangrene	8	1	1									
99. Other diseases of the arteries	59	4	2			10	1	1				1
100. Diseases of the veins	21	2	2			3			1			
101. Diseases of the lymphatic system												
102. High blood pressure (idiopathic)	85	3	1		1	6		1				
103. Other diseases of the circulatory system												
104. Diseases of the nasal fossae and accessory sinuses	18					2						1

BUREAU OF VITAL STATISTICS

COUNTIES OF NEW JERSEY AND SELECTED MUNICIPALITIES AND TOWNSHIPS
PLACES WHICH FOLLOW): 1943—Continued

Hackensack	Loft	Lyndhurst TWP.	North Arlington	Ridgefield Park	Ridgewood	Rutherford	Tvaneck TWP.	Wallington	Burlington County	Burlington	Camden County	Camden	Audubon	Collingswood	Gloucester City	Pennsauken TWP.	Haddonfield	Cape May County	Cumberland County	Bridgeton	Millville	Vineland	
4	2		1	1	1	2	1		2		2					1		2	1	6	2		2
5					1				3		3	3		1				2	5			2	2
2	1			1		1	1	1	1	3	2	2		1	1	1	1		2	1			
1									4	1	1	1							3	1	1		
15	3	4	1	4	6	12	6	1	33	4	117	46	3	9	6	6	9	13	30	5	12	3	
1	1			1		1	1		1	1	6	4							2				1
3									4		3	2											
									1														
											1	1											
											1			1					2				
			1	1		1	1	1	6		5	3		2	1	1			1	2			1
							2		2		3	2						1	2			1	
											2	1					1		3				2
						1	1	4	3		2	2							1				
1						1	1	3	6		6	3											7
27	14	10	5	14	10	26	27	4	110	11	276	122	11	11	20	15	13	40	120	31	32		
			1					1	1		2	2							1	4			
			1		1			4	1		1							1	4	2	1	1	
1					2	2	1	1	4	1	8	5			1	1			3	2	1		
									1		1								1	1	1		
1				1		1	1		3	1	10	7	1		1			1	1	1		1	
12		5	3	2	7	5	4	1	42	9	110	71	6	6	3	4	2	7	52	13	16	2	
53	19	30	10	25	41	42	37	7	237	23	539	214	17	37	25	27	35	90	163	47	33	17	
51	10	16	7	8	24	38	23	4	90	15	288	133	11	15	19	14	17	32	64	20	14	5	
13	6	6	4	3		5	7	2	46	5	125	67	2	5	4	12	3	13	20	7	8	3	
1									4		2												
4	1	7	1	4	1	5	4		32	2	54	21	3	3	2	2	5	17	21	2	4	1	
	1										1	1											
		1	1								3	1		1				1	1			1	
1		1		1							3	2							2	1		1	
									2		1					1			1				

DEPARTMENT OF HEALTH

TABLE 20—DEATHS FROM EACH CAUSE, DETAILED INTERNATIONAL LIST, IN THE
(COUNTY FIGURES INCLUDE

	Essex County	Belleville	Bloomfield	East Orange	Irvington	Maplewood Twp.	Millburn Twp.	Montclair	Newark	Nutley	Orange	South Orange	West Orange	Gloucester County
54. Cancer of the brain and other parts of the central nervous system	22	2	2	1	1	1	1	3	9	1				
55. Cancer of other and unspecified organs	72	1	1	8	5	1	12	4	38		3		2	6
56. Nonmalignant tumors (including dermoid cysts)	38		2	4	3		1	2	22			2	2	
57. Tumors of unspecified nature	15		1	2	1			1	8	1	1			
58. Acute rheumatic fever	23	2	1	1	1			1	15		1		1	2
59. Chronic rheumatism and other rheumatic diseases	11			1	1	1			7		1			2
60. Gout														
61. Diabetes mellitus	337	6	15	29	20	6	1	17	204	4	14	5	2	26
62. Diseases of the pituitary gland														
63. Diseases of the thyroid and parathyroid glands	22		1	1	4	1		3	10	1				2
64. Diseases of the thymus gland	11	1				1		1	8					1
65. Diseases of the adrenal glands (not specified as tuberculous)	6				1				3		1	1		
66. Other general diseases	4							1	3					
67. Scurvy									3					
68. Beriberi														
69. Pellagra	1								1					
70. Rickets														
71. Avitaminoses									2					
72. Hemorrhagic conditions	4		1						2					1
73. Anemias (except splenic anemia)	19			4	1	1	1		10			1		
74. Leukemias and aleukemias	46	3	2	4	3			1	25	2				2
75. Diseases of the spleen	3	1			1							1		
76. Other diseases of the blood and blood-forming organs	1		1											
77. Alcoholism	14					1			12		1			
78. Lead poisoning														
79. Chronic poisoning by other mineral or organic substances	1										1			
80. Encephalitis (nonepidemic)	8					1			5	1	1			1
81. Meningitis (not due to meningococcus)	15	1		1	2				7		3			1
82. Diseases of the spinal cord (except locomotor ataxia and disseminated sclerosis)	12		1		1			2	6		1		1	2
83. Intracranial lesions of vascular origin	770	19	41	94	46	17	7	50	364	23	25	18	21	82
84. Mental diseases and deficiency (except general paralysis of the insane)	8					1			6					1
85. Epilepsy	15			1					11	1	1			4
86. Convulsions (under 5 years of age)	1								1					1
87. Other diseases of the nervous system	32	3	2	4	2	2			14	2	1	1		2
88. Diseases of the organs of vision														
89. Diseases of the ear and mastoid process	11	1		2					4	2			1	1
90. Pericarditis (except acute rheumatic)	4								2			2		1
91. Acute endocarditis (except rheumatic)	22		1	3	3			1	14					2
92. Chronic affections of the valves and endocardium	253	4	9	28	16	8	5	17	117	10	17	1	9	31
93. Diseases of the myocardium	2432	60	78	233	152	56	23	135	1340	54	118	34	73	149
94. Diseases of the coronary arteries and angina pectoris	694	12	41	83	38	22	8	39	333	24	22	15	23	71
95. Other diseases of the heart	291	5	8	15	14	6		6	205	1	16	2	4	17
96. Aneurysm (except of heart and aorta)	12		1					1	6			1		1
97. Arteriosclerosis (except coronary or renal sclerosis)	104	3	8	14	11	2		11	89	5	4	2	11	10
98. Gangrene	2								2					
99. Other diseases of the arteries	14		1		1	2		1	6				1	1
100. Diseases of the veins	6			1				1	4					
101. Diseases of the lymphatic system														
102. High blood pressure (idiopathic)	27		1		1				20	2	1			2
103. Other diseases of the circulatory system														
104. Diseases of the nasal fossae and accessory sinuses	2								2					

DEPARTMENT OF HEALTH

TABLE 20—DEATHS FROM EACH CAUSE, DETAILED INTERNATIONAL LIST, IN THE (COUNTY FIGURES INCLUDE

	Monmouth County	Asbury Park	Long Branch	Neptune Twp.	Red Bank	Morris County	Dover	Madison	Morristown	Ocean County	Passaic County	Clifton
54. Cancer of the brain and other parts of the central nervous system	3					4	1		1		8	
55. Cancer of other and unspecified organs	18	3	4	1	2	16		3	4	6	23	3
56. Nonmalignant tumors (including dermoid cysts)	3				2	3	1		1	2	19	3
57. Tumors of unspecified nature	1					4		1	1		6	2
58. Acute rheumatic fever	5	1	1			3			1		8	2
59. Chronic rheumatism and other rheumatic diseases	2					1			1	1	5	
60. Gout												
61. Diabetes mellitus	60	11	3	6	5	47	4	1	5	18	140	18
62. Diseases of the pituitary gland											1	1
63. Diseases of the thyroid and parathyroid glands	4					1					10	5
64. Diseases of the thymus gland	1					1				1	6	
65. Diseases of the adrenal glands (not specified as tuberculous)	2					1					3	
66. Other general diseases											1	
67. Scurvy											1	1
68. Beriberi												
69. Pellagra												
70. Rickets												
71. Avitaminoses												
72. Hemorrhagic conditions	2			1								
73. Anemias (except splenic anemia)	4		1			2	5	1		1	9	1
74. Leukemias and aleukemias	5										22	1
75. Diseases of the spleen	2	1									1	
76. Other diseases of the blood and blood-forming organs	1					4	2		1		1	
77. Alcoholism	4	1				1	1			1	11	1
78. Lead poisoning												
79. Chronic poisoning by other mineral or organic substances											1	
80. Encephalitis (nonepidemic)	1					2			1	1	2	1
81. Meningitis (not due to meningococcus)	3					2					1	
82. Diseases of the spinal cord (except locomotor ataxia and disseminated sclerosis)	3		1			2					5	
83. Intracranial lesions of vascular origin	212	24	19	23	11	132	11	8	17	62	323	35
84. Mental diseases and deficiency (except general paralysis of the insane)	1										5	
85. Epilepsy	1					3	1			2	7	
86. Convulsions (under 5 years of age)											1	
87. Other diseases of the nervous system	9	1		1		4	1	1	2		8	3
88. Diseases of the organs of vision												
89. Diseases of the ear and mastoid process						2	1	1				
90. Pericarditis (except acute rheumatic)	1										2	1
91. Acute endocarditis (except rheumatic)	5				1	2	1			1	6	1
92. Chronic affections of the valves and endocardium	67	9	3	15	7	44	6	7	3	16	96	15
93. Diseases of the myocardium	487	50	56	35	49	289	38	10	39	88	620	75
94. Diseases of the coronary arteries and angina pectoris	230	28	14	17	12	152	9	13	16	89	370	57
95. Other diseases of the heart	138	25	12	11	9	19	3		3	16	77	17
96. Aneurysm (except of heart and aorta)	2	1				1					5	
97. Arteriosclerosis (except coronary or renal sclerosis)	50	3	8	6	3	66	7	4	18	15	115	9
98. Gangrene												
99. Other diseases of the arteries	2									1	3	
100. Diseases of the veins						2					2	2
101. Diseases of the lymphatic system												
102. High blood pressure (idiopathic)	2					4			1		8	
103. Other diseases of the circulatory system												
104. Diseases of the nasal fossae and accessory sinuses	1				1							

DEPARTMENT OF HEALTH

TABLE 20—DEATHS FROM EACH CAUSE, DETAILED INTERNATIONAL LIST, IN THE
(COUNTY FIGURES INCLUDE

	State Total	Atlantic County	Atlantic City	Hammonon	Pleasantville	Bergen County	Bergenfield	Cliffside Park	Englewood	Fairview	Fort Lee	Garfield
105. Diseases of the larynx	13	1				1						
106. Bronchitis	127	2	1			10			1			1
107. Bronchopneumonia (including capillary bronchitis)	1050	41	27		4	78	1	4	3	1	1	4
108. Lobar pneumonia	1172	59	34	1	3	82	5	2	8		2	6
109. Pneumonia (unspecified)	39	3	1		1							
110. Pleurisy (not specified as tuberculous)	69	4	4			4		1				
111. Hemorrhagic infarction, thrombosis, edema and chronic congestion of the lungs	74	1	1			8						
112. Asthma	80					9			1			
113. Pulmonary emphysema	2											
114. Other diseases of the respiratory system (except tuberculosis)	68	1				4						
115. Diseases of the buccal cavity, pharynx, tonsils and adnexa	57	2	2			7			2			
116. Diseases of the esophagus	5					1						
117. Ulcer of stomach or duodenum	373	9	5			34	1	3	2			1
118. Other diseases of the stomach (except cancer)	21					2				1		
119. Diarrhea, enteritis and ulceration of the intestines (under 2 years of age)	180	4	1		1	13						
120. Diarrhea, enteritis and ulceration of the intestines (2 years of age and over)	69	3	1		1	8			1	1		1
121. Appendicitis	254	5	1		2	24	2	3	1			1
122. Hernia and intestinal obstruction	421	19	13		1	37	1	1	1			1
123. Other diseases of the intestines	53	1				7		1	1		1	1
124. Cirrhosis of the liver	539	23	16		3	48		1	2	2	2	3
125. Other diseases of the liver	46	1			1	6						
126. Biliary calculi	169	2	1		1	16		1	2	1		
127. Other diseases of the gallbladder and biliary ducts	75	1	1			7		1				1
128. Diseases of the pancreas (except diabetes mellitus)	27					2						
129. Peritonitis (cause not stated)	15											
130. Acute nephritis	58	6	4	1		3	1					
131. Chronic nephritis	2901	203	114	2	19	192	7	5	9	2	4	8
132. Nephritis unspecified (10 years of age and over)	129	17	8		3	6		1				2
133. Other diseases of the kidneys and ureters	93					3						
134. Calculi of the urinary passages	58	2	2			4						
135. Diseases of the urinary bladder	12	1	1			1						
136. Diseases of the urethra (except calculus)	4											
137. Diseases of the prostate	232	4	2			18	1					1
138. Diseases of other male genital organs (not specified as venereal)	1											
139. Diseases of the female genital organs	50	2				7		1		1		
140. Abortion with mention of infection	17	2	1		1	2					1	
141. Abortion without mention of infection	8											
142. Ectopic gestation	4	1			1	1						
143. Hemorrhage of pregnancy (death before delivery)	3											
144. Toxemias of pregnancy (death before delivery)	26	1				4			1			1
145. Other diseases and accidents of pregnancy (death before delivery)	6					1						
146. Hemorrhage of childbirth and the puerperium	15					1						
147. Infection during childbirth and the puerperium	32	1		1		1						
148. Puerperal toxemias (excluding death before delivery)	13											
149. Other accidents and specified conditions of childbirth	22					1						

BUREAU OF VITAL STATISTICS

COUNTIES OF NEW JERSEY AND SELECTED MUNICIPALITIES AND TOWNSHIPS
PLACES WHICH FOLLOW): 1943—Continued

Hackensack	Loth	Lyndhurst Twp.	North Arlington	Ridgefield Park	Ridgewood	Rutherford	Teaneck Twp.	Wallington	Burlington County	Burlington	Camden County	Camden	Audubon	Collingswood	Gloucester City	Pensacola Twp.	Haddonfield	Cape May County	Cumberland County	Bridgeton	Millville	Vineland
1											3	2			1				1	1		
		1		1	1		1		2	1	13	4	1		1	1	1		6	3	2	
5	4	4	1	1	1	2	6	1	22	1	63	27	4	1	5	3	2	7	21	4	3	2
5	3	3	3	3	3	3	3		18	3	79	48	1	1	1	6	1	14	18	3	6	4
								1			5	1				2		2				
									3	1	7	3		1	1				3	1		
1		2		1			1				4	2	1	1								
		2				2			3		8	2		3		1		1				
1									3		5	3		1					1	1		
		1			2	1			1		2	1			1			1				
2	1	2		2	3		1	2	1	7	2	16	7			1	2	4	6	3	1	
		1																	1			
4	1				1				6	1	12	5					1	1	4	2		
1			1	1					2		6	3					1		1			
3		1	1			1		2	10	1	17	6	2	1	1		1	2	5		2	1
5		1				1	1		12	1	25	12		1		2	1	3	7	1		2
		1		1	4	2	3	1			4	2		1								
2						1			6	1	34	18		3	3	1		6	9	6	1	
1						2	2		2	1	8	2		1					2			1
1								2	3		4	2		1				1	1		1	
2											6	4			1							
		1							1	1	3	1		1					3	1		
14	2	7	5	5	10	14	7	4	101	15	291	133	8	15	25	19	8	49	62	16	14	5
									1		5	3			1							
									3		4	3										
						1			11		4	1		1	1			1				
4		2	2		1		1		6		8	3		1	2			2	8	4		1
		1			1						5	4						1	1		1	
											2	1										
1																		1	1			
							1				1		1									
											6	4			1							
											2	1			1							
									1		1	1							1	1		
											3	3							1		1	

DEPARTMENT OF HEALTH

TABLE 20—DEATHS FROM EACH CAUSE, DETAILED INTERNATIONAL LIST, IN THE
(COUNTY FIGURES INCLUDE

	Essex County	Belleville	Bloomfield	East Orange	Irvington	Maplewood Twp.	Millburn Twp.	Montclair	Newark	Nutley	Orange	South Orange	West Orange	Gloucester County
105. Diseases of the larynx	1			2	3	2			1					
106. Bronchitis	21			2	3	2			7	1	2		3	2
107. Bronchopneumonia (including capillary bronchitis)	173	2	9	14	7	2	3	9	113	2	6	1	3	18
108. Lobar pneumonia	212	6	5	21	7	4	1	10	129	2	14	1	8	23
109. Pneumonia (unspecified)	9			1		1		3	1		2	1		
110. Pleurisy (not specified as tuberculous)	7		1	1					5					1
111. Hemorrhagic infarction, thrombosis, edema and chronic congestion of the lungs	21			2	1			1	13		2	1		2
112. Asthma	19			1	2	1	1	1	11	1	1			
113. Pulmonary emphysema	1	1												
114. Other diseases of the respiratory system (except tuberculosis)	13			1					6	3	2	1		2
115. Diseases of the buccal cavity, pharynx, tonsils and adnexa	4					2			2					
116. Diseases of the esophagus	1								1					
117. Ulcer of stomach or duodenum	92	1	7	10	3	2	2	2	50	6	4		1	6
118. Other diseases of the stomach (except cancer)	4			1					3					
119. Diarrhea, enteritis and ulceration of the intestines (under 2 years of age)	22	2	1					1	18					4
120. Diarrhea, enteritis and ulceration of the intestines (2 years of age and over)	14	1	1		1				8		2			3
121. Appendicitis	62	1	5	5	2	2		1	37		4		2	6
122. Hernia and intestinal obstruction	89	3	3	6	8	4		4	50	2	2		3	6
123. Other diseases of the intestines	16		1	1			1	1	10	1			1	
124. Cirrhosis of the liver	102	1	6	4	9	4		2	65	7			3	9
125. Other diseases of the liver	10	1			1		1		7					1
126. Biliary calculi	40	1	2	5	3	4		5	17		1		1	6
127. Other diseases of the gallbladder and biliary ducts	14			2	1				9	1	1			1
128. Diseases of the pancreas (except diabetes mellitus)	8	1		1	1			2	3					
129. Peritonitis (cause not stated)	2						1		1					1
130. Acute nephritis	8			2					5		1			3
131. Chronic nephritis	592	19	42	60	37	21	5	45	268	15	25	7	19	79
132. Nephritis unspecified (10 years of age and over)	27			5	1			2	13		6			3
133. Other diseases of the kidneys and ureters	19			2	3				12		2			1
134. Calculi of the urinary passages	9			1			1		6					2
135. Diseases of the urinary bladder	1			1										
136. Diseases of the urethra (except calculus)														
137. Diseases of the prostate	57	4	3	5	4	1		4	33	1	1			5
138. Diseases of other male genital organs (not specified as venereal)														
139. Diseases of the female genital organs	11	1			1				7		2			
140. Abortion with mention of infection	2								2					
141. Abortion without mention of infection	2								1				1	
142. Ectopic gestation														
143. Hemorrhage of pregnancy (death before delivery)	1			1										
144. Toxemias of pregnancy (death before delivery)	4							1	3					2
145. Other diseases and accidents of pregnancy (death before delivery)														
146. Hemorrhage of childbirth and the puerperium	2								1				1	
147. Infection during childbirth and the puerperium	9	1		1				2	4				1	
148. Puerperal toxemias (excluding death before delivery)	2				1									1
149. Other accidents and specified conditions of childbirth	5								4					2

DEPARTMENT OF HEALTH

TABLE 20—DEATHS FROM EACH CAUSE, DETAILED INTERNATIONAL LIST, IN THE (COUNTY FIGURES INCLUDE

	State Total	Atlantic County	Atlantic City	Hammonton	Pleasantville	Bergen County	Bergenfield	Cliffside Park	Englewood	Fairview	Fort Lee	Garfield
150. Other and unspecified conditions of child-birth and the puerperium	5											
151. Carbuncle and furuncle	8											
152. Phlegmon and acute abscess	7											
153. Other diseases of the skin and cellular tissue	30					5		1				1
154. Osteomyelitis and periostitis	17					3					2	1
155. Other diseases of the bones (except tuberculosis)	8											
156. Diseases of the joints and other organs of movement	11											
157. Congenital malformations (stillbirths not included)	433	7	4	1		50	1	2	5	1		1
158. Congenital debility (cause not stated)	69	3	2			7						
159. Premature birth (cause not stated)	949	25	15	2	1	78		4	7			6
160. Injury at birth	217	3	2			22		1			1	2
161. Other diseases peculiar to the first year of life	265	4	2		1	20			1			3
162. Senility	306	19	5		2	20		2	1			
163. Suicide by poisoning	204	9	3			20			1		1	1
164. Suicide by other means	288	4	4			34		1	3		1	
165. Infanticide (homicide of infants under 1 year of age)	5											
166. Homicide by firearms	39					2			1			
167. Homicide by cutting or piercing instruments	28					3						
168. Homicide by other means	25	1		1								
169. Railway accidents (except collisions with motor vehicles)	101					7	1					1
170. Motor vehicle accidents	653	21	7	2	2	53	3	1	3		1	3
171. Street car and other road transport accidents	11	1			1	1					1	
172. Water transport accidents	35											
173. Air transport accidents	23	6	3			2	1					
174. Accidents in mines and quarries	2											
175. Agricultural and forestry accidents	17											
176. Other accidents involving machinery	43					3						
177. Food poisoning	6											
178. Accidental absorption of poisonous gas	140	4	3			6					1	1
179. Acute accidental poisoning by solids or liquids	27					3			1			
180. Conflagration	108	6	1			2						
181. Accidental burns (except conflagration)	99	1	1			8		1	1		1	1
182. Accidental mechanical suffocation	46					5					1	
183. Accidental drowning	174	5	2	1		6						
184. Accidental injury by firearms	35	1										
185. Accidental injury by cutting or piercing instruments	6											
186-1. Accidental injury by fall	861	38	23	2	2	64	2	2	1			3
186-2. Accidental injury by crushing	14					1						1
187. Cataclysm												
188. Injury by animals	1											
189. Hunger or thirst	1					1						
190. Excessive cold	16	1										
191. Excessive heat	24					1						
192. Lightning	2											
193. Accidents due to electric currents (except lightning)	14					1						
194. Poisoning by venomous animals	1											
195. Other accidents	174	5	3			13				1		1
196. Deaths of military personnel during operations of war												
197. Deaths of civilians due to operations of war												
198. Legal executions	1											
199. Sudden death												
200. Ill-defined and unknown causes	50	1	1			3						
Totals	49781	1793	1009	71	147	4193	99	159	228	77	94	210

BUREAU OF VITAL STATISTICS

COUNTIES OF NEW JERSEY AND SELECTED MUNICIPALITIES AND TOWNSHIPS
PLACES WHICH FOLLOW): 1948—Continued

Hackensack	Lodi	Lyndhurst Twp.	North Arlington	Ridgeland Park	Ridgewood	Rutherford	Teaneck Twp.	Wallington	Burlington County	Burlington	Camden County	Camden	Audubon	Collingswood	Gloucester City	Pennsauken Twp.	Haddonfield	Cape May County	Cumberland County	Bridgeton	Millville	Vineland
									1										1			
									1		1	1										
						1					2	1										
3	3	1	2	3	3	2	3		13	2	30	13	1		5	3	1	5	11	3	1	2
			1						1		7	4			1	1		1	4	2	1	
11	4	6	3	1	1	1	1		29	7	66	38	3	3	3	2	2	5	21	2	2	2
			1	1	2	1	1		4	2	10	5	1	1			1		2	1	1	
4			2				2		8	2	17	8			2	1		1	2	1	1	
1			1	1	1	1	6	1	9	2	14	1	1		2		3	8	10	1	2	4
		1	1	1	2	1	2		5		12	8		1		1	2	2	2			
4			1	2	1		2	2	10	1	19	5	1		1	1	2	7	4		1	
				1					1													
1									2		2	2							2			
									2		2	2										
1			1						4	1	4	2			1					1		
1		1	2	2		2	3		34	1	48	21	1	1	3	2	2	3	23	5	6	2
									2		1	1							1			
											1								2			
			1				1		1		5	1				2		1				
											1	1										
									3		1	1						2	9	5	1	
							1		4		6	2			2				4	2		
							1		1		4	1		1		2		1	1			
		1					1		11		8	5	1	1				1	9	4	3	
									6									1	1		1	
											1	1										
											1	1						1				
7	1		2	2	4	7	3	1	17	2	52	27	2	3	5	3	1	5	13	4	4	
									1		2	1	1									
											1	1										
									1		1	1										
						1																
		1	3						6	1	13	6			1	2		1	3		1	1
1	1					1					7	3			1			1	1			

DEPARTMENT OF HEALTH

TABLE 20—DEATHS FROM EACH CAUSE, DETAILED INTERNATIONAL LIST, IN THE
(COUNTY FIGURES INCLUDE

	Essex County	Bellefonte	Bloomfield	East Orange	Irvington	Maplewood Twp.	Millburn Twp.	Montclair	Newark	Nutley	Orange	South Orange	West Orange	Gloucester County
150. Other and unspecified conditions of child-birth and the puerperium	2					1			1					
151. Carbuncle and furuncle	2	1							1					
152. Phlegmon and acute abscess	2								1					
153. Other diseases of the skin and cellular tissue	5			2					2		1			
154. Osteomyelitis and periostitis	7								7					
155. Other diseases of the bones (except tuberculosis)	4								1	1			2	
156. Diseases of the joints and other organs of movement	3								3					
157. Congenital malformations (stillbirths not included)	89	5	6	7	8	4		5	48		2		1	12
158. Congenital debility (cause not stated)	13	1						1	9	1				
159. Premature birth (cause not stated)	161	8	11	10	6	1	1	7	85	1	18		5	22
160. Injury at birth	39	1	2	4	3			2	21	1	1			5
161. Other diseases peculiar to the first year of life	50	3	3	1	6	1		1	28	1	3		1	3
162. Senility	66		3	4	3			5	35	2	4	1	4	10
163. Suicide by poisoning	48		6	2	3	2	1	3	25	1	4			1
164. Suicide by other means	47	1	2	8	4	1	1	3	20	1	2		1	3
165. Infanticide (homicide of infants under 1 year of age)	1								1					
166. Homicide by firearms	10			2	1				7					
167. Homicide by cutting or piercing instruments	10							1	9					1
168. Homicide by other means	7								6		1			1
169. Railway accidents (except collisions with motor vehicles)	11	1		3		2		1	4					2
170. Motor vehicle accidents	111	4	3	8	5	2	1		77	3	4		2	21
171. Street car and other road transport accidents	7				1				7					
172. Water transport accidents	3								2					2
173. Air transport accidents									1					1
174. Accidents in mines and quarries														
175. Agricultural and forestry accidents														1
176. Other accidents involving machinery	13							2	10					4
177. Food poisoning	1				1									
178. Accidental absorption of poisonous gas	34								31	1	2			1
179. Acute accidental poisoning by solids or liquids	5								5					1
180. Conflagration	21		4				1	1	9		3		1	4
181. Accidental burns (except conflagration)	18							1	14	3				3
182. Accidental mechanical suffocation	14	1						2	7		1	2		
183. Accidental drowning	25		1					1	21		1			5
184. Accidental injury by firearms	1								1					1
185. Accidental injury by cutting or piercing instruments	1										1			
186-1. Accidental injury by fall	185	4	9	20	11	7	1	11	95	5	5	4	3	12
186-2. Accidental injury by crushing	1								1					
187. Cataclysm														
188. Injury by animals														
189. Hunger or thirst	1								1					1
190. Excessive cold	5			1					4					
191. Excessive heat	1								1					1
192. Lightning														
193. Accidents due to electric currents (except lightning)	4								3					
194. Poisoning by venomous animals														1
195. Other accidents	30	1	1	4	1	1		1	19	1			1	4
196. Deaths of military personnel during operations of war														
197. Deaths of civilians due to operations of war														
198. Legal executions														
199. Sudden death														
200. Ill-defined and unknown causes	9		2	2	1				4					
Totals	10174	256	447	941	571	237	97	524	5599	245	445	131	279	905

BUREAU OF VITAL STATISTICS

COUNTIES OF NEW JERSEY AND SELECTED MUNICIPALITIES AND TOWNSHIPS
PLACES WHICH FOLLOW): 1943—Continued

Woodbury	Hudson County	Bayonne	Guttenberg	Harrison	Hoboken	Jersey City	Kearny	North Bergen Twp.	Secaucus	Union City	Weehawken Twp.	West New York	Hunterdon County	Mercer County	Princeton	Trenton	Middlesex County	Carteret	Highland Park	New Brunswick	Perth Amboy	Sayreville	South Amboy	South River	Woodbridge Twp.
1	5	1				3	1						1												
3	3					1				1		1			1		1								
2						2									1										
1												1		3		1					1				
4	57	4		3	3	27	9	4	1	3	1	2	2	18		13		3		2	6		1		3
1	128	16			15	62	5	1		13	2	7	4	71		44	59	2	2	9	15		2		9
44	1			1	2	28	3	3		2		4	1	10	1	5	11			3	1		2		3
1	54	3			6	27	5	3	1	5	1	3	1	22		13	11		1	3	2		3		
1	23	3		1	1	15	1	1		4	1	1	3	7		4	10			6	2			3	
	44	6	1	1	3	18	1	7	1	2	2	1	7	14		7	15	1	1	5	3				1
	1									1				1		1									1
	6							1	1				1	2		1									1
	2												1	2		1	3								1
	5												1	2		1	2								1
	18	4			1	10	1		2		1	6	1	3		2	9		1	1	3	1	2	1	1
	80	6			8	38	6	5	2	7	1	6	7	26	3	14	41	3	1	3	5	1	2	1	9
	1									1			1												
	14	2			4	4		1		2		1	1	2		2									
	1	7	3	1		1				1		1	1	1			3	1		1	1				
	1	1																							
	16	1		2	4	3	4			1		1		1		1	11	2		3					2
	5					2	2							3											
	13				2	9				2			1	4		4	10				1	1	2		1
	15	1	1			9		2					1	3		1	6				1	1	2		2
	6					6							1	2	1	1	1			1					1
	35	1		1	7	20		1	1	2		2		11	1	8	16			5	1	2		1	
	6	2		1	1	2						1		2		1	2								
	1				1																				
	139	13	1	5	11	69	11	4	2	11	3	8	11	47	4	27	38	1	1	8	13	1	1	1	3
	2				2												1								
	1				1																				
	1							1						1		1	1								
	6	1				3				1		1		3		1									
	3		1							1	1			1		1									
	1	17	3		2	4	2	5		1			2	7		5	18	7		1	2				3
	2					2							2	1			4			1					1
111	7740	765	77	145	681	3747	467	430	95	759	180	859	524	2323	85	1542	2348	108	94	423	451	72	114	102	276

DEPARTMENT OF HEALTH

TABLE 20—DEATHS FROM EACH CAUSE, DETAILED INTERNATIONAL LIST, IN THE (COUNTY FIGURES INCLUDE

	Monmouth County	Asbury Park	Long Branch	Neptune TWP.	Red Bank	Morris County	Dover	Madison	Morristown	Ocean County	Passaic County	Clifton
150. Other and unspecified conditions of child-birth and the puerperium	1			1								
151. Carbuncle and furuncle											1	
152. Phlegmon and acute abscess												
153. Other diseases of the skin and cellular tissue	1					1					5	
154. Osteomyelitis and periostitis						1						
155. Other diseases of the bones (except tuberculosis)												
156. Diseases of the joints and other organs of movement												1
157. Congenital malformations (stillbirths not included)	20	2	3		2	15	1	1	2	5	30	5
158. Congenital debility (cause not stated)	4		1			3					4	1
159. Premature birth (cause not stated)	43	4	4	3	3	28	3	1	5	13	67	7
160. Injury at birth	15					2				3	13	4
161. Other diseases peculiar to the first year of life	10		3	2		6	1			3	17	2
162. Senility	36		6	1		2			1	1	20	3
163. Suicide by poisoning	5	2				4			1	2	32	10
164. Suicide by other means	14	2	3	1		10	1		1	3	18	4
165. Infanticide (homicide of infants under 1 year of age)												3
166. Homicide by firearms	2											1
167. Homicide by cutting or piercing instruments	2	1										1
168. Homicide by other means	2	1				1						1
169. Railway accidents (except collisions with motor vehicles)	3		1		2	2		1		1	11	1
170. Motor vehicle accidents	32	2	2	1	2	12				16	37	5
171. Street car and other road transport accidents										2	1	
172. Water transport accidents	2											
173. Air transport accidents						1				8		
174. Accidents in mines and quarries						5					1	
175. Agricultural and forestry accidents	1									1		
176. Other accidents involving machinery	2		1	1						2	1	
177. Food poisoning	1											
178. Accidental absorption of poisonous gas	13		2	1		4			4	4	5	
179. Acute accidental poisoning by solids or liquids											4	1
180. Conflagration	4		1	1	1	8	1		1	1	6	
181. Accidental burns (except conflagration)	4					4				1	4	
182. Accidental mechanical suffocation	4					1					2	
183. Accidental drowning	12				1	5			3	1	6	1
184. Accidental injury by firearms	2		1			2				1	2	
185. Accidental injury by cutting or piercing instruments	1											1
186-1. Accidental injury by fall	51	7		10	2	17	2	1	2	10	70	8
186-2. Accidental injury by crushing						1					1	
187. Cataclysm												1
188. Injury by animals												
189. Hunger or thirst												
190. Excessive cold	1				1	1		1			3	
191. Excessive heat	2										4	1
192. Lightning												
193. Accidents due to electric currents (except lightning)	1											
194. Poisoning by venomous animals												
195. Other accidents	10	1	3	1		7			2	1	10	1
196. Deaths of military personnel during operations of war												
197. Deaths of civilians due to operations of war												
198. Legal executions												
199. Sudden death												
200. Ill-defined and unknown causes	4		2								5	
Totals	2408	279	239	202	176	1463	154	89	205	630	3551	464

BUREAU OF VITAL STATISTICS

COUNTIES OF NEW JERSEY AND SELECTED MUNICIPALITIES AND TOWNSHIPS
PLACES WHICH FOLLOW): 1943—Continued

Hawthorne	Passaic	Paterson	Salem County	Salem City	Somerset County	Bound Brook	North Plainfield	Somerville	Sussex County	Union County	Cranford Twp.	Elizabeth	Uitlidsie Twp.	Linden	Plainfield	Railway	Roselle	Roselle Park	Summit	Union Twp.	Westfield	Warren County	Phillipsburg
										1									1			1	1
		1								1													
	1	2	2						1	1					1								
										2		1											
										1					1								
		1								2	1				1								
1	3	12	6	2	4	1		3	2	29		9	2	4	5		2		2	3	1	5	3
		1	1						1	5		3		2	2				2	3		1	1
1	10	30	13	3	6	1		1	6	98	5	33	5	5	19	5	6		5	3	3	6	4
1	2	6	2	2	8	1		3	2	18	2	5	2		2	1	1		1	2	1	2	1
2	4	7	4	3	5		2		26			10	1	3	2			1	2	3	3	1	
2	7	7	3		16	3	1	1	1	25	2	10	2	3	1	2		1	2	1	2	3	1
2	9	9	1		3				1	18	1	6	1	2	1	2	2		2	2	2	1	
	3	3	3	1	6	1			2	17		4	1	2	1	1	1		1	2	3	7	3
			1							2		2											
		3	2	1					2	2						1				1			
		1			1		1		3			1											
1		7	7		4	1	1		1	11	1	3	1	1	2	2		2		2		8	2
1	7	20	8		10	3		2	8	52	3	18	2	7	6	6	1		2	2		10	5
		1							1	3	1			1					1				
			2						2	2	1	1											
			1						1														
		1							2	2		1				1						2	1
									3	3													
	1	3	3	1	2	1			30	13		13		3	2	3		1	3	1	2		
		3	3				1			3		1		1					1				
	1		2	1	1	1			5	6		2		1	2		1					2	1
	2	3	4		1				1	1		5	1	1							1		
		2							2	11		1		1	2				1			1	
		3							3	4		1											
3	13	38	6	2	16	4	3		4	53	4	23	1	2	7	3		1	3	2	4	13	9
		1							2	2		1		1									
	1	1	1		1				1	1		1					1						
1	2	4	3		7		1		1	16	1	5		2	3		1	1	1		1		
	1	4								9	1	4		1			3						1

TABLE 22—TABULATION OF DEATHS IN ATLANTIC COUNTY FOR 1943, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	All Deaths		White		Colored		Age Periods														
				Male	Female	Male	Female	Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 44	45 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
			ALL CAUSES	1793	774	655	214	150	66	76	4	8	24	45	85	79	95	282	420	414	224	37
1	Typhoid and paratyphoid fevers																					
2	Plague																					
3	Scarlet fever	1	1										1									
4	Whooping cough	3		2		1	2	3														
5	Diphtheria																					
6	Tuberculosis of the respiratory system	80	24	19	21	16		1		2	6	11	20	5	9	12	6	6	2			
7	All other forms of tuberculosis	5	1		3	1						1	2	1	1							
8	Malaria																					
9	Syphilis	30	15	1	10	4						2	4	5	2	10	7					
10	Influenza	13	5	4	3	1							3		2	3	2	2	1			
11	Smallpox																					
12	Measles	1		1				1														
13	Typhus fever																					
14	Other infectious or parasitic diseases	15	8	5		2	2	2		1	3	1	3	2		1		2				
15	Cancer and other malignant tumors	199	89	83	9	18				1	1	2	3	9	20	50	65	39	9			
16	Nonmalignant tumors or tumors of unspecified nature	6	1	4	1		1	1			1		1		1	1	1					
17	Chronic rheumatism and gout	3	1	2										1				1	1			
18	Diabetes mellitus	54	20	28	1	5							1	2	1	12	19	10	8			
19	Chronic or acute alcoholism	2	2													1	1					
20	Avitaminoses, other general diseases, diseases of the blood, and chronic poisonings																					
21	Meningitis (nonmeningococcal) and diseases of the spinal cord	19	12	5	1	1	1	2		1	2	2	2		2	1	1	5	1			
22	Intracranial lesions of vascular origin	6	3		2	1				1						4		1				
		177	65	71	26	15							2	6	4	27	47	64	27			

23	Other diseases of the nervous system and sense organs	11	5	4	1	1	1	1	2	2	1	2	3						
24	Diseases of the heart	551	257	208	57	29			1	4	12	18	26	90	152	144	88	16	
25	Other diseases of the circulatory system	37	14	13	9	1					2	6	8	10	7	4			
26	Bronchitis	2	1		1	1	1												
27	Pneumonia and bronchopneumonia	94	42	22	15	15	12	14	1	1	2	8	5	4	13	17	16	8	3
28	Other diseases of the respiratory system	7	6		1	1				1	1	2	1			1	1		
29	Diarrhea and enteritis	7	1	6			4	4					1		1	1	1		
30	Appendicitis	5	3	2				1			2	1		1					
31	Diseases of the liver and biliary passages	27	13	9	3	2			2	2	1		9	5	6	2			
32	Other diseases of the digestive system	31	12	12	6	1	1		1		1	4	4	5	8	6	1		
33	Nephritis	228	87	85	30	26				2	6	7	8	27	53	69	49	7	
34	Other diseases of the urinary and genital systems	9	6	3									1	1	3	4			
35	Puerperal infection	3		2		1			1		1	1							
36	Other diseases of pregnancy, childbirth, and the puerperium	2		1		1			1	1									
37	Diseases of the skin, cellular tissue, bones, and organs of movement																		
38	Congenital malformations and debility, premature birth, and diseases peculiar to the first year of life	42	21	17	2	2	41	41	1										
39	Senility, old age	19	7	9	1	2								1		6	7	5	
40	Suicide	13	8	4	1						3	3		2	3				
41	Homicide	1	1														1		
42	Automobile accidents (all motor-driven road vehicles)	21	11	5	4	1			1	4	2	4	5	2	2		1		
43	Other violent or accidental deaths (suicide, homicide, and automobile accidents excepted)	68	32	28	7	1		2	1	6	8	2	2	1	3	13	18	10	2
44	Causes of death ill-defined, unknown, or unspecified	1				1								1					

Estimated Population, 107,491.

Total Resident Deaths, 1,793.

Rate per 1,000 Population, 16.7.

23	Other diseases of the nervous system and sense organs	6	3	1	1	1														
24	Diseases of the heart	310	137	105	46	22				1	2	10	12	16	59	91	80	32	7	
25	Other diseases of the circulatory system	23	7	8	7	1								2	6	3	7	4	1	
26	Bronchitis	1	1													1				
27	Pneumonia and bronchopneumonia	62	25	14	11	12	8	10	1	1	2	2	7	2	2	9	10	8	5	3
28	Other diseases of the respiratory system	5	4			1					1	1	2	2				1		
29	Diarrhea and enteritis	2		2			1	1										1		
30	Appendicitis	1		1									1							
31	Diseases of the liver and biliary passages	18	8	6	2	2					2	2	1		4	4	4	4	1	
32	Other diseases of the digestive system	20	7	7	5	1	1	1				1	3	2	3	6	3			
33	Nephritis	126	38	44	23	21					2	4	5	6	18	30	31	27	3	
34	Other diseases of the urinary and genital systems	5	4	1											1	2	2			
35	Puerperal infection	1				1				1										
36	Other diseases of pregnancy, childbirth, and the puerperium																			
37	Diseases of the skin, cellular tissue, bones, and organs of movement																			
38	Congenital malformations and debility, premature birth, and diseases peculiar to the first year of life	25	12	9	2	2	24	24	1											
39	Senility, old age	5	1	3	1											1	3	1		
40	Suicide	7	5	1	1							1	2		1	3				
41	Homicide																			
42	Automobile accidents (all motor-driven road vehicles)	7	3		3	1			1	2		1	1	1					1	
43	Other violent or accidental deaths (suicide, homicide, and automobile accidents excepted)	36	15	16	5				2	3	1	2	1	1	9	12	5			
44	Causes of death ill-defined, unknown, or unspecified	1				1								1						

Population (1940 Census), 64,094.

Total Resident Deaths, 1,009.

Rate per 1,000 Population, 15.7.

TABULATION OF DEATHS IN BERGEN COUNTY FOR 1943, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	All Deaths		White		Colored		Age Periods														
		Male	Female	Male	Female	Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 44	45 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and Over	Unknown		
																					Male	Female	Male	Female	Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 44	45 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and Over	Unknown
	ALL CAUSES	4133	2993	1960	80	60	237	270	19	14	22	90	170	137	202	651	940	1059	548	71	....
1	Typhoid and paratyphoid fevers																					
2	Plague																					
3	Scarlet fever	1	1							1												
4	Whooping cough	1		1			1	1														
5	Diphtheria	1	1																			
6	Tuberculosis of the respiratory system	124	72	35	8	9			1		5	22	21	6	13	24	15	15	2			
7	All other forms of tuberculosis	6	4	2			1	2											1			
8	Malaria	1	1													1	1					
9	Syphilis	30	16	7	6	1						3	4	4	4	10	7	1	1	1		
10	Influenza	20	13	7				3				2	2	1		4	3	3	2			
11	Smallpox																					
12	Measles	1		1								1										
13	Typhus fever																					
14	Other infectious or parasitic diseases	20	15	5		1	2		1			3	4	2		3	3	1	1			
15	Cancer and other malignant tumors	580	266	302	6	6			1		1	2	16	19	39	108	182	155	55	2		
16	Nonmalignant tumors or tumors of unspecified nature	25	6	16	1	2		1	1			3	5	4	3	4	1	2	1			
17	Chronic rheumatism and gout	1			1						1											
18	Diabetes mellitus	141	46	87	3	5		1					2	6	4	21	52	48	7			
19	Chronic or acute alcoholism	4	2	2										2		1	1					
20	Avitaminoses, other general diseases, diseases of the blood, and chronic poisonings	59	22	33	2	2	5	7			1	5	8	2	3	15	8	9	1			
21	Meningitis (nonmeningococcal) and diseases of the spinal cord	13	5	8			1	2					1	3	1	3		3				
22	Intracranial lesions of vascular origin	377	100	207	6	4					1	2	4	6	13	47	108	117	73	6		

23	Other diseases of the nervous system and sense organs	28	12	16			2	4	2		1		1	2	1	4	5	6	2	
24	Diseases of the heart	1558	816	709	17	16			2	3	2	10	41	22	69	259	394	482	249	25
25	Other diseases of the circulatory system	103	47	55	1						1	2	2		4	6	12	24	40	12
26	Bronchitis	10	7	3			2	4			1						2	2	1	
27	Pneumonia and bronchopneumonia	160	99	55	3	3	26	32		4	1	4	7	3	7	21	31	31	16	3
28	Other diseases of the respiratory system	28	16	12						2		2	3	1	1	8	3	2	6	1
29	Diarrhea and enteritis	21	9	9	3		13	14			1	1				1	1	2	1	
30	Appendicitis	24	10	14					2			3	1	1	3	5	3	5	1	
31	Diseases of the liver and biliary passages	77	39	36	2						1	4	10	5	23	24	8	8	2	
32	Other diseases of the digestive system	90	54	30	5	1	2	5	1		1	4	9	5	7	13	12	25	7	1
33	Nephritis	201	84	114	2	1	1	1	1		1	2	5	8	3	26	36	68	42	8
34	Other diseases of the urinary and genital systems	33	25	7		1						2	2	3	1	1	8	11	5	
35	Puerperal infection	3		3								1	2							
36	Other diseases of pregnancy, childbirth, and the puerperium	8		7		1				1	1	4	2							
37	Diseases of the skin, cellular tissue, bones, and organs of movement	8	4	4						1					1	2	3	1		
38	Congenital malformations and debility, premature birth, and diseases peculiar to the first year of life	177	96	66	12	3	171	176	1											
39	Senility, old age	20	9	10		1												5	9	6
40	Suicide	54	34	19		1				1		5	8	6	8	10	10	5	1	
41	Homicide	5	2	1	1	1	1	2			1				1	1				
42	Automobile accidents (all motor-driven road vehicles)	53	37	15	1		1	2	5		3	6	6	3	5	14	3	4	2	
43	Other violent or accidental deaths (suicide, homicide, and automobile accidents excepted)	124	60	62		2	7	9	1	1	1	6	10	12	6	15	12	24	20	7
44	Causes of death ill-defined, unknown, or unspecified	3	3				2	2								1				

Estimated Population, 420,086.

Total Resident Deaths, 4,193.

Rate per 1,000 Population, 10.0.

TABULATION OF DEATHS IN BURLINGTON COUNTY FOR 1943, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	All Deaths	White		Colored		Age Periods														
			Male	Female	Male	Female	Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 44	45 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and Over	Unknown
	ALL CAUSES	1300	796	488	71	35	86	104	13	6	16	67	56	35	59	170	275	283	169	47	...
1	Typhoid and paratyphoid fevers	1	1								1										
2	Plague																				
3	Scarlet fever																				
4	Whooping cough	3	1	2			1	3													
5	Diphtheria																				
6	Tuberculosis of the respiratory system	42	15	15	9	3						10	7	2	5	4	10	3	1		
7	All other forms of tuberculosis	5	3	2			1	4									1				
8	Malaria																				
9	Syphilis	12	5	1	5	1					3			2	3	3	1				
10	Influenza	14	6	6	1	1		1								4		2	4	3	
11	Smallpox																				
12	Measles	3	2	1			1	3													
13	Typhus fever																				
14	Other infectious or parasitic diseases	14	11		2	1					2	5		1	1	2	1	1			
15	Cancer and other malignant tumors	170	90	74	4	2				1		1	4	6	6	8	29	54	40	20	1
16	Nonmalignant tumors or tumors of unspecified nature	4	1	3				1				1			1		1				
17	Chronic rheumatism and gout	4	3	1													1		2	1	
18	Diabetes mellitus	33	6	27											1	9	10	8	4	1	
19	Chronic or acute alcoholism	2	2																		
20	Avitaminoses, other general diseases, diseases of the blood, and chronic poisonings	17	6	10		1	4	5	2		1	2	2	2		1		2			
21	Meningitis (nonmeningococcal) and diseases of the spinal cord	7	4	2	1		1	1	1	1		1			1		2				
22	Intracranial lesions of vascular origin	110	57	47	2	4	1	1					4	2	5	13	27	38	19	1	

TABULATION OF DEATHS IN CAMDEN COUNTY FOR 1948, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	All Deaths		White		Colored		Age Periods														
				Male	Female	Male	Female	Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 44	45 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and Over	Unknown
	ALL CAUSES	3226	1551	1344	182	149	203	241	21	14	32	77	132	100	161	554	728	758	358	50	
1	Typhoid and paratyphoid fevers	1			1					1												
2	Plague																					
3	Scarlet fever	2						1	1													
4	Whooping cough	1	3				2	4														
5	Diphtheria	3			1		2	2	1	1												
6	Tuberculosis of the respiratory system	53	33	11	15		3			8	16	17	8	8	27	18	6	1				
7	All other forms of tuberculosis	6	1	3	1	1	2			1	1	1	1	1	2	1	2	1				
8	Malaria	1	1															1				
9	Syphilis	9	10	3	4	2	2			1	1	4	3	1	5	9						
10	Influenza	18	22	3	3	4	8			1	1		5	2	11	5	5	7	1			
11	Smallpox																					
12	Measles	2					2	3		1												
13	Typhus fever																					
14	Other infectious or parasitic diseases	17	8	1	2	3	3	1		3	7	5	1		5	2	1					
15	Cancer and other malignant tumors	173	188	12	15		1				5	15	16	27	89	121	93	19	2			
16	Nonmalignant tumors or tumors of unspecified nature	2	13		1																	
17	Chronic rheumatism and gout		1								3	1	1	2	5	2	1					
18	Diabetes mellitus	39	70	3	5					1									1			
19	Chronic or acute alcoholism	3										4	3	4	26	39	33	7				
20	Avitaminoses, other general diseases, diseases of the blood, and chronic poisonings												1		2	2						
21	Meningitis (nonmeningococcal) and diseases of the spinal cord	8	16	1	1	3	6	1	1	1			1	2	5	5	4					
22	Intracranial lesions of vascular origin	7	1	1		1	2					1			1	2	2		1			
		276	118	134	15	9							3	2	13	42	77	99	35	5		

TABULATION OF DEATHS IN CAMDEN CITY FOR 1943, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	All Deaths		White		Colored		Age Periods													Unknown
		Male	Female	Male	Female	Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 44	45 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and Over		
	ALL CAUSES	1512	710	570	124	108	108	126	8	11	14	49	76	55	85	269	340	327	132	20	
1	Typhoid and paratyphoid fevers	1			1						1										
2	Plague																				
3	Scarlet fever		1				1	3													
4	Whooping cough	3	1	2																	
5	Diphtheria	4	3					2	1	1											
6	Tuberculosis of the respiratory system	69	28	20	9	12	1	2		4	13	9	7	7	17	11		1			
7	All other forms of tuberculosis	7	3	1	2	1	1	2		1					1	1		1			
8	Malaria	1	1															1			
9	Syphilis	14	2	6	3	3	2	2		1	1	3	2		1	4					
10	Influenza	24	8	12	2	2	2	4		1	1			4	2	6		3	3		
11	Smallpox																				
12	Measles	1		1			1	1													
13	Typhus fever																				
14	Other infectious or parasitic diseases	12	5	4	1	2	2	2	1	1	4	2	1		1						
15	Cancer and other malignant tumors	176	87	71	9	9					3	9	7	10	40	58	40		9		
16	Nonmalignant tumors or tumors of unspecified nature	5		4		1					1			1			1	1			
17	Chronic rheumatism and gout	1		1									1								
18	Diabetes mellitus	46	14	27	2	3				1				2	1	12	16	11	3		
19	Chronic or acute alcoholism	2	2													2					
20	Avitaminoses, other general diseases, diseases of the blood, and chronic poisonings																				
21	Meningitis (nonmeningococcal) and diseases of the spinal cord	14	5	7	1	1	2	4		1				2	3		2	2			
22	Intracranial lesions of vascular origin	5	3	1	1		1	1							1		2		1		
		122	51	53	11	7							2		7	22	37	42	11	1	

23	Other diseases of the nervous system and sense organs	8	6	2			1	1			1	1	1	2	2					
24	Diseases of the heart	493	276	173	24	20			1	2	4	20	16	32	98	123	124	65	8	
25	Other diseases of the circulatory system		14	6	3	2					1	1			2	3	12	5	1	
26	Bronchitis		4	2		1	2								1	1				
27	Pneumonia and bronchopneumonia		76	26	27	14	9	16	18	1	1	1	4	6	2	6	14	9	9	5
28	Other diseases of the respiratory system		12	4	6	1	1	2	4				1	2		1	3		1	
29	Diarrhea and enteritis		8	3	4		1	5	6							1				
30	Appendicitis		6	2	4					1										
31	Diseases of the liver and biliary passages		28	12	13	2	1					3	4	3	7	7	3	1		
32	Other diseases of the digestive system		26	12	9	2	3	1	2			1	1	1	7	9	2	2	1	
33	Nephritis		136	51	53	20	12					3	1	2	20	31	55	18	6	
34	Other diseases of the urinary and genital systems		11	4	5	1	1					3		1	1	2	4			
35	Puerperal infection		2		2					1		1								
36	Other diseases of pregnancy, childbirth, and the puerperium		8		5		3			2	5	1								
37	Diseases of the skin, cellular tissue, bones, and organs of movement		2	1			1											2		
38	Congenital malformations and debility, premature birth, and diseases peculiar to the first year of life		68	28	27	7	6	68	68											
39	Senility, old age		1	1															1	
40	Suicide		13	9	3		1				1	5	1	1	2	2	1			
41	Homicide		4	1	1	1	1				1		2			1				
42	Automobile accidents (all motor-driven road vehicles)		21	14	5	2			1		5	2		2	4	3	1	3		
43	Other violent or accidental deaths (suicide, homicide, and automobile accidents excepted)		50	30	15	4	1	1	4	3	3	1	4	1	4	2	5	8	8	4
44	Causes of death ill-defined, unknown, or unspecified		3	1			2						1		1		1			

Population (1940 Census), 117,536.

Total Resident Deaths, 1,512.

Rate per 1,000 Population, 12.9.

TABULATION OF DEATHS IN CAPE MAY COUNTY FOR 1943, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	All Deaths		White		Colored		Age Periods													
		Male	Female	Male	Female	Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 44	45 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and Over	Unknown	
																					Male	Female	Male	Female	Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 44	45 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and Over	Unknown
	ALL CAUSES	433	226	162	28	17	18	20	1	2	2	4	12	8	6	76	97	119	73	13	...
1	Typhoid and paratyphoid fevers																				
2	Plague																				
3	Scarlet fever																				
4	Whooping cough																				
5	Diphtheria																				
6	Tuberculosis of the respiratory system	11	7	3	1					1			2	1	1	2	1	3			
7	All other forms of tuberculosis																				
8	Malaria																				
9	Syphilis	7	1	1	4	1	1	1					1	1	1		1	2			
10	Influenza																				
11	Smallpox																				
12	Measles																				
13	Typhus fever																				
14	Other infectious or parasitic diseases																				
15	Cancer and other malignant tumors	45	17	23	3	2							2	1	1	10	14	12	5		
16	Nonmalignant tumors or tumors of unspecified nature	2		2												2					
17	Chronic rheumatism and gout																				
18	Diabetes mellitus	13	4	8	1					1						3	5	3		1	
19	Chronic or acute alcoholism	1	1															1			
20	Avitaminoses, other general diseases, diseases of the blood, and chronic poisonings	3	1	1		1										1	2				
21	Meningitis (nonmeningococcal) and diseases of the spinal cord																				
22	Intracranial lesions of vascular origin	40	18	19	1	2	1	1					1			9	12	9	6	2	

23	Other diseases of the nervous system and sense organs	1		1					1									
24	Diseases of the heart	143	89	46	5	3				2	1	1	34	29	45	26	5	
25	Other diseases of the circulatory system	18	10	6	2								2		5	10	1	
26	Bronchitis																	
27	Pneumonia and bronchopneumonia	23	9	10	3	1	2	2		1	1	1	1	5	10	1	1	
28	Other diseases of the respiratory system	1		1									1					
29	Diarrhea and enteritis	1			1			1										
30	Appendicitis	2	1	1							1				1			
31	Diseases of the liver and biliary passages	7	5		2								2	2	2	1		
32	Other diseases of the digestive system	9	5	4					1		1			2	4	1		
33	Nephritis	49	24	19	2	4						1	5	16	11	14	2	
34	Other diseases of the urinary and genital systems	4	2	1		1					1				2	1		
35	Puerperal infection																	
36	Other diseases of pregnancy, childbirth, and the puerperium	1		1						1								
37	Diseases of the skin, cellular tissue, bones, and organs of movement																	
38	Congenital malformations and debility, premature birth, and diseases peculiar to the first year of life	13	6	7			13	13										
39	Senility, old age	8	6	1	1									1		6	1	
40	Suicide	9	7	2						1			1	4	3			
41	Homicide																	
42	Automobile accidents (all motor-driven road vehicles)	3	1	1	1		1			1			1					
43	Other violent or accidental deaths (suicide, homicide, and automobile accidents excepted)	18	11	4	1	2	1	1		3	1		1	2	2	6	2	
44	Causes of death ill-defined, unknown, or unspecified	1	1												1			

Estimated Population, 28,075.

Total Resident Deaths, 433.

Rate per 1,000 Population, 15.4.

TABULATION OF DEATHS IN ESSEX COUNTY FOR 1943, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	All Deaths	White		Colored		Age Periods														Unknown
			Male	Female	Male	Female	Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 44	45 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and Over	
	ALL CAUSES	10174	4882	4213	590	489	485	590	39	56	90	268	500	382	617	1763	2255	2238	1194	182	....
1	Typhoid and paratyphoid fevers	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	Plague .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Scarlet fever	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Whooping cough	5	1	.....	1	3	4	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	Diphtheria	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	Tuberculosis of the respiratory system	427	194	83	75	75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	All other forms of tuberculosis	32	10	5	8	9	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	Malaria .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	Syphilis	103	45	17	29	12	4	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Influenza	57	23	30	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	Smallpox .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	Measles	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	Typhus fever .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious or parasitic diseases	73	28	22	15	8	3	9	2	3	3	7	18	5	5	10	4	6	1	.....	.....
15	Cancer and other malignant tumors	1345	603	680	25	37	1	4	2	1	4	15	47	53	124	350	329	312	96	8	.....
16	Nonmalignant tumors or tumors of unspecified nature	53	11	32	1	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Chronic rheumatism and gout	11	4	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Diabetes mellitus	237	91	227	6	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	Chronic or acute alcoholism	14	9	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Avitaminoses, other general diseases, diseases of the blood, and chronic poisonings	141	64	63	4	10	12	21	3	4	8	9	10	13	7	21	19	21	5	.....	.....
21	Meningitis (nonmeningococcal) and diseases of the spinal cord	27	11	12	1	3	2	5	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	Intracranial lesions of vascular origin	770	311	397	32	30	3	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

23	Other diseases of the nervous system and sense organs	75	40	28	2	5	5	6	4	5	2	12	11	2	8	4	9	7	4	1
24	Diseases of the heart	3696	1915	1491	155	135	1	3	8	14	38	101	101	187	659	953	986	567	78	
25	Other diseases of the circulatory system	225	117	94	8	6					1	2	6	8	4	23	41	72	57	11
26	Bronchitis	21	13	7	1		3	3						1	3	1	5	4	3	1
27	Pneumonia and bronchopneumonia	394	197	129	45	23	49	67	1	1	4	6	28	18	26	47	77	68	47	4
28	Other diseases of the respiratory system	64	32	23	7	2					3	1	5	2	7	16	15	8	4	3
29	Diarrhea and enteritis	36	18	12	3	3	21	22	1			1	1	2		3	2	1	3	
30	Appendicitis	62	34	24	3	1		4	2	3	4	3	9	4	4	10	12	6	1	
31	Diseases of the liver and biliary passages	166	97	64	2	3		1				3	7	10	18	43	48	27	9	
32	Other diseases of the digestive system	216	127	70	10	9	4	9	1	1		3	14	20	30	47	42	32	14	3
33	Nephritis	627	273	203	32	29		1	2	4	4	12	23	17	27	91	153	166	102	25
34	Other diseases of the urinary and genital systems	97	67	15	8	7			1			5	2	2	6	6	19	40	15	1
35	Puerperal infection	11		8		3						3	8							
36	Other diseases of pregnancy, childbirth, and the puerperium	18		16		2					1	4	9	4						
37	Diseases of the skin, cellular tissue, bones, and organs of movement	23	9	8	3	3	3	4		1	2	2	3	1	1	1	4	3	1	
38	Congenital malformations and debility, premature birth, and diseases peculiar to the first year of life	352	178	119	35	20	345	352												
39	Senility, old age	66	25	33	5	3									1		4	15	20	17
40	Suicide	95	54	39	1	1						9	13	11	13	21	12	13	3	
41	Homicide	28	8	3	14	3	1	1			3	7	7	3	2	3	2			
42	Automobile accidents (all motor-driven road vehicles)	111	73	21	15	2	8	6	6	3	12	6	4	10	20	16	12	8		
43	Other violent or accidental deaths (suicide, homicide, and automobile accidents excepted)	381	193	133	38	17	20	42	9	9	13	13	34	8	25	48	54	57	60	9
44	Causes of death ill-defined, unknown, or unspecified	9	3	3	1	2		1				2	1			3	2			

Estimated Population, 824,845.

Total Resident Deaths, 10,174.

Rate per 1,000 Population, 12.3.

TABULATION OF DEATHS IN EAST ORANGE CITY FOR 1943, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	All Deaths		White		Colored		Age Periods														
				Male	Female	Male	Female	Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 44	45 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and Over	Unknown
			ALL CAUSES	941	409	459	35	38	28	31	6	2	6	17	32	25	42	127	225	247	157	24
1	Typhoid and paratyphoid fevers																					
2	Plague																					
3	Scarlet fever																					
4	Whooping cough																					
5	Diphtheria																					
6	Tuberculosis of the respiratory system	16	6	3	3	4					1	1	3	3	1	4	3					
7	All other forms of tuberculosis	1		1								1										
8	Malaria																					
9	Syphilis	9	1	3	5		1	1					1	1	3	1	2					
10	Influenza	4	2	2										1					2	1		
11	Smallpox																					
12	Measles																					
13	Typhus fever																					
14	Other infectious or parasitic diseases	3	2	1					1					1					1			
15	Cancer and other malignant tumors	154	50	98	4	2						2	7	4	12	31	41	39	17	1		
16	Nonmalignant tumors or tumors of unspecified nature	6	1	5										1	2	1	1					
17	Chronic rheumatism and gout	1		1																		
18	Diabetes mellitus	29	9	19	1							1			1	6	9	11	1			
19	Chronic or acute alcoholism																					
20	Avitaminoses, other general diseases, diseases of the blood, and chronic poisonings	10	2	6	2			1	1							2	2	2	1			
21	Meningitis (nonmeningococcal) and diseases of the spinal cord	1		1												1						
22	Intracranial lesions of vascular origin	94	32	57		5						1	1	1	3	6	22	33	24	3		

23	Other diseases of the nervous system and sense organs	7	4	2	1	1	1	1	1	2										
24	Diseases of the heart	362	182	159	7	14				1	3	8	11	51	106	110	60	10		
25	Other diseases of the circulatory system	15	6	8	1									1		5	8	1		
26	Bronchitis	2	1	1									1			1				
27	Pneumonia and bronchopneumonia	36	20	13	2	1	4	4	1		1	1		3	7	8	9	1		
28	Other diseases of the respiratory system	5	1	4							1		1		2					
29	Diarrhea and enteritis																			
30	Appendicitis	5	4	1				1			1			1	2					
31	Diseases of the liver and biliary passages	11	7	4							1			4	1	1	4			
32	Other diseases of the digestive system	19	11	6		2					2	1	2	3	4	6	1			
33	Nephritis	62	22	33	3	4					3	1	1	9	13	10	14	2		
34	Other diseases of the urinary and genital systems	9	7	2										1	2	1	4	1		
35	Puerperal infection	1				1					1									
36	Other diseases of pregnancy, childbirth, and the puerperium	1		1																
37	Diseases of the skin, cellular tissue, bones, and organs of movement	2		1	1				1		1									
38	Congenital malformations and debility, premature birth, and diseases peculiar to the first year of life	22	12	6	1	3	22	22												
39	Senility, old age	4		3	1										1	2				1
40	Suicide	10	9	1							1	1	3	1		4				
41	Homicide	2	1		1						1	1								
42	Automobile accidents (all motor-driven road vehicles)	8	5	1	2			2	1		3	1			1					
43	Other violent or accidental deaths (suicide, homicide, and automobile accidents excepted)	28	12	16			1		1		2	2	2	1	3	3	10	3		
44	Causes of death ill-defined, unknown, or unspecified	2			1	1					1				1					

Population (1940 Census), 68,945.

Total Resident Deaths, 941.

Rate per 1,000 Population, 13.6.

TABULATION OF DEATHS IN IRVINGTON FOR 1943, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	All Deaths		White		Colored		Age Periods													
		Male	Female	Male	Female	Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 44	45 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown	
	ALL CAUSES	371	292	275	2	2	24	27	.....	3	5	14	26	12	32	96	136	123	88	9	.....
1	Typhoid and paratyphoid fevers																				
2	Plague																				
3	Scarlet fever																				
4	Whooping cough																				
5	Diphtheria																				
6	Tuberculosis of the respiratory system	10	9	1							1		1	1	2	4	1				
7	All other forms of tuberculosis																				
8	Malaria																				
9	Syphilis	3	3															2			
10	Influenza	4		4							1				1		1			1	
11	Smallpox																				1
12	Measles																				
13	Typhus fever																				
14	Other infectious or parasitic diseases	5	3	2					1		2		1		1		1				
15	Cancer and other malignant tumors	79	38	41							3	1	2	5	24	21	15	7	1		
16	Nonmalignant tumors or tumors of unspecified nature	4	1	3							1				1		1	1			
17	Chronic rheumatism and gout	1		1													1				
18	Diabetes mellitus	20	4	16											2	9	6	2	1		
19	Chronic or acute alcoholism																				
20	Avitaminoses, other general diseases, diseases of the blood, and chronic poisonings	11	4	7				1			1	2		1	1	4		1			
21	Meningitis (nonmeningococcal) and diseases of the spinal cord	3	1	2							2				1						
22	Intracranial lesions of vascular origin	46	21	25							1			2	9	11	15	8			

23	Other diseases of the nervous system and sense organs	2	1	1																
24	Diseases of the heart	223	118	103	2		2	2		11	5	9	36	58	54	43	3			
25	Other diseases of the circulatory system	13	9	4							1	1		4	3	4				
26	Bronchitis	3	3			1	1				1			1						
27	Pneumonia and bronchopneumonia	14	7	7		1	1						2	3	2	4	1	1		
28	Other diseases of the respiratory system	3	2	1																
29	Diarrhea and enteritis	1	1							1				1						
30	Appendicitis	2		2																
31	Diseases of the liver and biliary passages	14	10	4					1	1		1	5	4	2	1				
32	Other diseases of the digestive system	12	8	4					1			2	3		1	2		1		
33	Nephritis	38	15	22	1					1	3		1	3	11	7	12			
34	Other diseases of the urinary and genital systems	5	4	1												4				
35	Puerperal infection																			
36	Other diseases of pregnancy, childbirth, and the puerperium	1		1						1										
37	Diseases of the skin, cellular tissue, bones, and organs of movement																			
38	Congenital malformations and debility, premature birth, and diseases peculiar to the first year of life	23	12	11		22	23													
39	Senility, old age	3	3													1	2			
40	Suicide	7	3	4					1	2		2	1	1						
41	Homicide	1		1								1								
42	Automobile accidents (all motor-driven road vehicles)	5	3	1	1					1				1	2	1				
43	Other violent or accidental deaths (suicide, homicide, and automobile accidents excepted)	14	8	6		1		2	1	1		1	1		2	4		1		
44	Causes of death ill-defined, unknown, or unspecified	1	1											1						

Population (1940 Census), 55,328.

Total Resident Deaths, 571.

Rate per 1,000 Population, 10.3.

TABULATION OF DEATHS IN NEWARK FOR 1943, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	All Deaths		White		Colored		Age Periods														
				Male	Female	Male	Female	Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 44	45 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and Over	Unknown
	ALL CAUSES	5599	2755	2050	444	350	278	336	19	34	50	185	309	246	398	1081	1241	1121	508	62	
1	Typhoid and paratyphoid fevers	2	2												1		1					
2	Plague																					
3	Scarlet fever	1	1																			
4	Whooping cough	2	1			1	2															
5	Diphtheria	1	1																			
6	Tuberculosis of the respiratory system	316	144	54	62	56	1	4	15	61	55	35	26	67	35	13	1					
7	All other forms of tuberculosis	26	7	3	7	9	4	2														
8	Malaria																					
9	Syphilis	69	31	11	18	9	3	3		7	7	5	25	18	3							
10	Influenza	3	13	14	3		3	5		1	4	2	4	5	3	6						
11	Smallpox																					
12	Measles																					
13	Typhus fever																					
14	Other infectious or parasitic diseases	49	10	11	12	7	3	6	2	5	12	4	1	4	1	3						
15	Cancer and other malignant tumors	673	339	291	15	28	1	1	1	6	19	25	73	192	171	141	38	4				
16	Nonmalignant tumors or tumors of unspecified nature	30	7	15	1	7				2	2	6	2	4	5	2	1					
17	Chronic rheumatism and gout	7	2	5					1													
18	Diabetes mellitus	204	54	136	3	11				1	4	4	13	49	78	48	6	1				
19	Chronic or acute alcoholism	12	8	3		1				1	2		3	3	3							
20	Avitaminoses, other general diseases, diseases of the blood, and chronic poisonings	77	40	29	2	6	8	14	2	3	4	6	4	8	4	13	7	10	2			
21	Meningitis (nonmeningococcal) and diseases of the spinal cord	13	5	5	1	2	2	2		2	4		2	1	2							
22	Intracranial lesions of vascular origin	364	148	172	27	17			1				7	11	21	62	107	106	43	4		

23	Other diseases of the nervous system and sense organs	41	21	15	1	4	4	4	1	2	7	7	2	5	3	4	4	2	.....
24	Diseases of the heart	2011	1063	735	121	92	1	3	5	8	28	10	61	124	409	518	512	254	28	
25	Other diseases of the circulatory system	127	75	44	4	4	2	2	1	.....	2	4	6	2	15	23	40	29	5
26	Bronchitis	7	5	2	.....	2	2	.....	1	.....	.....	.....	.....	1	.....	3	.....	1	.....
27	Pneumonia and bronchopneumonia	243	122	71	32	18	32	43	1	2	5	8	15	19	31	46	39	23	1	
28	Other diseases of the respiratory system	38	19	10	7	2	.....	.....	1	2	1	1	2	4	13	8	6	2	1
29	Diarrhea and enteritis	26	12	8	3	3	17	18	.....	.....	1	.....	1	.....	2	2	1	1	.....
30	Appendicitis	37	21	12	3	1	.....	2	1	.....	3	2	5	3	4	7	6	4	.....
31	Diseases of the liver and biliary passages	98	55	38	2	3	.....	1	.....	.....	1	4	8	12	22	31	15	4	.....
32	Other diseases of the digestive system	120	69	37	8	6	2	6	.....	.....	2	10	9	23	26	23	13	5	2
33	Nephritis	286	126	123	18	19	.....	1	2	2	3	6	11	10	20	53	72	73	30
34	Other diseases of the urinary and genital systems	58	39	7	6	6	.....	1	.....	.....	5	1	2	4	3	10	24	8	.....
35	Puerperal infection	6	.....	5	.....	1	.....	.....	.....	.....	2	4	.....	.....	.....	.....	.....	.....	.....
36	Other diseases of pregnancy, childbirth, and the puerperium	9	.....	7	.....	2	.....	.....	.....	.....	3	3	3	.....	.....	.....	.....	.....	.....
37	Diseases of the skin, cellular tissue, bones, and organs of movement	15	6	5	1	3	1	2	1	1	1	3	1	1	1	3	1
38	Congenital malformations and debility, premature birth, and diseases peculiar to the first year of life	191	90	59	29	13	189	191	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Senility, old age	35	15	17	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	7	16	11
40	Suicide	45	26	18	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Homicide	23	6	2	13	2	1	1	.....	3	5	6	5	3	12	7	5	2	.....
42	Automobile accidents (all motor-driven road vehicles)	77	49	15	12	1	4	4	4	2	8	4	2	7	14	11	10	7	.....
43	Other violent or accidental deaths (suicide, homicide, and automobile accidents excepted)	235	123	68	31	13	9	20	4	6	11	7	26	7	17	39	38	34	24	
44	Causes of death ill-defined, unknown, or unspecified	4	1	2	.....	1	.....	.....	.....	.....	1	1	.....	.....	1	1	.....	.....	.....

Population (1940 Census), 429,760.

Total Resident Deaths, 5,599.

Rate per 1,000 Population, 13.0.

TABULATION OF DEATHS IN GLOUCESTER COUNTY FOR 1943, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	All Deaths		White		Colored		Age Periods													
		Male	Female	Male	Female	Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 44	45 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and Over	Unknown	
	ALL CAUSES	905	427	383	46	49	67	78	6	5	11	3	36	26	44	130	187	207	112	23	
1	Typhoid and paratyphoid fevers																				
2	Plague																				
3	Scarlet fever																				
4	Whooping cough	2	1			1	2	2													
5	Diphtheria																				
6	Tuberculosis of the respiratory system	28	11	4	6	7				3	4	6	1	3	5	6					
7	All other forms of tuberculosis	1	1					1													
8	Malaria																				
9	Syphilis	8	3		3	2					1	2	2	1	2						
10	Influenza	6	5	1							1		1		1			1	1	1	
11	Smallpox																				
12	Measles	3	2	1			3	3													
13	Typhus fever																				
14	Other infectious or parasitic diseases	4		3		1	1	1			2									1	
15	Cancer and other malignant tumors	128	52	72	2	2	1	1	1		3	3	6	4	32	33	32	10	2		
16	Nonmalignant tumors or tumors of unspecified nature																				
17	Chronic rheumatism and gout	2	2																		
18	Diabetes mellitus	26	6	20									1	1	6	8		1	1		
19	Chronic or acute alcoholism																				
20	Avitaminoses, other general diseases, diseases of the blood, and chronic poisonings																				
21	Meningitis (nonmeningococcal) and diseases of the spinal cord	5	3	2			1	1		1					2			1			
22	Intracranial lesions of vascular origin	3	2	1									1		1	1					
		82	28	47	3	4							1	1	7	9	19	27	15	4	

23	Other diseases of the nervous system and sense organs	10	3	5	2	2	2	1	1	2	1	3							
24	Diseases of the heart	271	141	111	8	11			1	1	2	6	7	10	31	71	84	42	10
25	Other diseases of the circulatory system	14	6	8							1	1	1	1	1	1	3	6	1
26	Bronchitis	2	1		1		1	1									1		
27	Pneumonia and bronchopneumonia	41	20	9	6	6	8	11		2	1	2	1	1	7	9		7	
28	Other diseases of the respiratory system	5	3	2											1	1		2	1
29	Diarrhea and enteritis	7	3	1	2	1	4	4			1				1				
30	Appendicitis	6	4	1		1		1					1	2			2		
31	Diseases of the liver and biliary passages	17	5	10	1	1		1			2		1	3	5	3	1	2	
32	Other diseases of the digestive system	13	9	4					1		3		1	4	2	2			
33	Nephritis	85	42	39	1	3				1	1	2	2	10	17	27	20	5	
34	Other diseases of the urinary and genital systems	8	6	1	1									1	4	3			
35	Puerperal infection																		
36	Other diseases of pregnancy, childbirth, and the puerperium	5		5						3	2								
37	Diseases of the skin, cellular tissue, bones, and organs of movement																		
38	Congenital malformations and debility, premature birth, and diseases peculiar to the first year of life	42	20	11	6	5	42	42											
39	Senility, old age	10	6	4													1	2	7
40	Suicide	4	1	2		1					1	1		2					
41	Homicide	2	1		1		1	1					1						
42	Automobile accidents (all motor-driven road vehicles)	21	16	2	3		1	1	2	4	1	1	2	3	3	2	1		
43	Other violent or accidental deaths (suicide, homicide, and automobile accidents excepted)	44	24	17	2	1	1	6	3	1	2	6	5	2	3	7	7	2	
44	Causes of death ill-defined, unknown, or unspecified																		

Estimated Population, 74,793.

Total Resident Deaths, 905.

Rate per 1,000 Population, 12.1.

TABULATION OF DEATHS IN HUDSON COUNTY FOR 1943, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	All Deaths		White		Colored		Age Periods													90 and Over	Unknown
				Male	Female	Male	Female	Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89			
																				Male			Female	Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89
	ALL CAUSES	7740	4084	3389	148	119	399	474	44	41	77	211	353	307	495	1439	1798	1677	744	80		
1	Typhoid and paratyphoid fevers																					
2	Plague																					
3	Scarlet fever																					
4	Whooping cough	3	1	2			2	3														
5	Diphtheria	2	1	1						1												
6	Tuberculosis of the respiratory system	320	207	86	19	8				1	13	64	59	35	33	73	29	11	1			
7	All other forms of tuberculosis	15	10	3			1	3			2	3	3		2							
8	Malaria																					
9	Syphilis	62	39	13	8	2	1	1			2	2	6	5	8	23	10	5				
10	Influenza	32	14	18			1	5			1		1	2	1	7	4	8	3			
11	Smallpox																					
12	Measles	7	3	4			1	4	2	1												
13	Typhus fever																					
14	Other infectious or parasitic diseases	37	23	13	1		1	2			5	4	2	3	4	7	8	2				
15	Cancer and other malignant tumors	1042	529	493	12	8	1	3	3	2	2	11	38	45	82	241	299	236	73	7		
16	Nonmalignant tumors or tumors of unspecified nature	43	13	29	1		1	1		1			5	1	8	10	7	5	5			
17	Chronic rheumatism and gout	4	1	3									1				1	1	1			
18	Diabetes mellitus	250	70	174		6			2	1	1	3	3	4	8	53	94	70	11			
19	Chronic or acute alcoholism	12	12										11		3	5	3					
20	Avitaminoses, other general diseases, diseases of the blood, and chronic poisonings	79	33	43	1	2	3	6	4	5	5	3	11	4	10	8	11	10	2			
21	Meningitis (nonmeningococcal) and diseases of the spinal cord	29	14	13		2	3	6	1	1	2	1	3	1	2	6	4	2				
22	Intracranial lesions of vascular origin	616	295	339	6	6				2	1	2	10	13	30	129	169	180	76	4		

23	Other diseases of the nervous system and sense organs	55	26	26	1	2	2	6	2	2	3	9	9	1	4	9	5	5	.....	.....
24	Diseases of the heart	2979	1622	1266	42	49	.....	1	5	8	8	35	82	94	161	559	799	793	401	33
25	Other diseases of the circulatory system	142	67	71	4	.....	.....	.....	.....	.....	.....	2	2	1	6	8	31	53	31	8
26	Bronchitis	16	10	6	.....	.....	.....	2	.....	.....	.....	1	1	2	2	.....	6	1	1	.....
27	Pneumonia and bronchopneumonia	386	215	145	11	15	55	71	2	1	6	13	13	16	30	66	62	65	36	5
28	Other diseases of the respiratory system	44	27	16	1	.....	1	2	.....	.....	.....	3	4	3	3	13	5	1	4	.....
29	Diarrhea and enteritis	40	20	19	1	.....	29	31	.....	1	.....	3	1	.....	.....	2	.....	1	1	.....
30	Appendicitis	45	27	17	1	.....	.....	3	3	1	1	.....	4	3	6	13	4	5	1	1
31	Diseases of the liver and biliary passages	132	76	55	1	.....	.....	.....	.....	.....	.....	8	8	19	39	38	17	5	.....	.....
32	Other diseases of the digestive system	134	85	45	2	2	5	6	3	1	.....	3	10	3	13	32	35	23	5	.....
33	Nephritis	339	151	174	5	9	2	3	1	.....	4	9	19	20	16	48	75	91	46	7
34	Other diseases of the urinary and genital systems	61	41	17	2	1	.....	1	.....	.....	1	.....	7	2	3	9	14	17	7	.....
35	Puerperal infection	7	.....	6	.....	1	.....	.....	.....	.....	.....	3	4	.....	.....	.....	.....	.....	.....	.....
36	Other diseases of pregnancy, childbirth, and the puerperium	15	.....	15	.....	.....	.....	.....	.....	.....	.....	7	7	1	.....	.....	.....	.....	.....	.....
37	Diseases of the skin, cellular tissue, bones, and organs of movement	11	5	6	.....	.....	.....	.....	.....	2	1	1	.....	1	1	.....	2	2	1	.....
38	Congenital malformations and debility, premature birth, and diseases peculiar to the first year of life	288	152	121	12	3	281	288	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Senility, old age	23	7	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	5	7	8
40	Suicide	67	45	22	.....	.....	.....	.....	.....	1	2	5	12	4	7	21	10	4	1	.....
41	Homicide	14	9	2	2	1	1	1	1	.....	.....	2	2	6	1	.....	1	.....	.....	.....
42	Automobile accidents (all motor-driven road vehicles)	80	63	13	4	.....	.....	3	4	1	5	1	2	4	6	21	16	15	2	.....
43	Other violent or accidental deaths (suicide, homicide, and automobile accidents excepted)	307	199	97	9	2	6	20	11	9	11	21	24	24	24	37	55	41	23	7
44	Causes of death ill-defined, unknown, or unspecified	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....

Estimated Population, 597,092.

Total Resident Deaths, 7,740.

Rate per 1,000 Population, 13.0.

TABULATION OF DEATHS IN BAYONNE FOR 1948, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	All Deaths		White		Colored		Age Periods													
				Male	Female	Male	Female	Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 44	45 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and Over	Unknown
			ALL CAUSES	765	409	332	12	12	43	49	5	4	11	20	41	39	62	168	164	149	51	2
1	Typhoid and paratyphoid fevers																				
2	Plague																				
3	Scarlet fever																				
4	Whooping cough																				
5	Diphtheria																				
6	Tuberculosis of the respiratory system	29	22	5	1	1					1	5	4	3	5	9	2				
7	All other forms of tuberculosis																				
8	Malaria																				
9	Syphilis	4	1	1	1	1							1	1		2					
10	Influenza	2		2														2			
11	Smallpox																				
12	Measles	1	1					1													
13	Typhus fever																				
14	Other infectious or parasitic diseases	3	2	1																	
15	Cancer and other malignant tumors	121	60	60	1			1	2			4	6	5	12	35	27	24	5		
16	Nonmalignant tumors or tumors of unspecified nature	2	1	1			1	1												1	
17	Chronic rheumatism and gout																				
18	Diabetes mellitus	28	7	21								1			1	6	12	6	1		
19	Chronic or acute alcoholism	1	1																		
20	Avitaminoses, other general diseases, diseases of the blood, and chronic poisonings	14	7	7				2	2		1		1	1	3	2	1	1			
21	Meningitis (nonmeningococcal) and diseases of the spinal cord	3	3																		
22	Intracranial lesions of vascular origin	63	24	39										3	2	3	14	15	21	5	

TABULATION OF DEATHS IN HOBOKEN FOR 1948, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	All Deaths		White		Colored		Age Periods													
		Male	Female	Male	Female	Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 44	45 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and Over	Unknown	
	ALL CAUSES	681	405	269	6	1	31	35	4	6	9	19	27	19	40	128	178	157	55	4	...
1	Typhoid and paratyphoid fevers																				
2	Plague																				
3	Scarlet fever																				
4	Whooping cough																				
5	Diphtheria																				
6	Tuberculosis of the respiratory system	27	18	9						2		6	5	2	3	5	1		3		
7	All other forms of tuberculosis	1	1									1									
8	Malaria																				
9	Syphilis	4	2	2											1	3					
10	Influenza	2	2														1		1		
11	Smallpox																				
12	Measles	2	1	1			1	1		1											
13	Typhus fever																				
14	Other infectious or parasitic diseases	4	3	1								1				2	1				
15	Cancer and other malignant tumors	68	36	32									1	3	6	18	21	17	2		
16	Nonmalignant tumors or tumors of unspecified nature	5	2	3									1		1				2	1	
17	Chronic rheumatism and gout	1																			
18	Diabetes mellitus	24	9	15											1	7	9		7		
19	Chronic or acute alcoholism	2	2													2					
20	Avitaminoses, other general diseases, diseases of the blood, and chronic poisonings	4	1	3						2			1						1		
21	Meningitis (nonmeningococcal) and diseases of the spinal cord	3	3								1					1			1		
22	Intracranial lesions of vascular origin	51	28	23							1				1	2	4	18	18	7	

23	Other diseases of the nervous system and sense organs	2	1	1																
24	Diseases of the heart	293	179	112	2			1	1	2		1	10	4	12	51	96	77	36	2
25	Other diseases of the circulatory system	9	5	4												1	4	2	2	
26	Bronchitis	1	1													1				
27	Pneumonia and bronchopneumonia	33	22	11				3	4				2	2	5	5	5	9	1	
28	Other diseases of the respiratory system	3	3										1			2				
29	Diarrhea and enteritis	1	1													1				
30	Appendicitis	4	1	3					1							2				
31	Diseases of the liver and biliary passages	11	8	3												5	3	2		
32	Other diseases of the digestive system	9	6	2	1			1	1							1	1	3	3	
33	Nephritis	29	13	16												1	7	5	8	2
34	Other diseases of the urinary and genital systems	6	4	2												1	1	1	1	1
35	Puerperal infection																			
36	Other diseases of pregnancy, childbirth, and the puerperium	3		3																
37	Diseases of the skin, cellular tissue, bones, and organs of movement																			
38	Congenital malformations and debility, premature birth, and diseases peculiar to the first year of life	26	17	9				26	26											
39	Senility, old age	1																		1
40	Suicide	6	4	2												1	4	1		
41	Homicide																			
42	Automobile accidents (all motor-driven road vehicles)	8	6	1	1			1	1								1	3	2	
43	Other violent or accidental deaths (suicide, homicide, and automobile accidents excepted)	38	26	9	2	1		1	1	1	2	5	3	6	4	5	6	3	1	
44	Causes of death ill-defined, unknown, or unspecified																			

Population (1940 Census), 50,115.

Total Resident Deaths, 681.

Rate per 1,000 Population, 13.6.

TABULATION OF DEATHS IN JERSEY CITY FOR 1948, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	All Deaths		White		Colored		Age Periods														
		Male	Female	Male	Female	Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 44	45 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and Over	Unknown		
																					Male	Female	Male	Female	Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 44	45 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and Over	Unknown
	ALL CAUSES	3747	1012	1605	127	103	207	247	19	18	37	110	158	145	232	698	901	798	346	38	...	
1	Typhoid and paratyphoid fevers																					
2	Plague																					
3	Scarlet fever																					
4	Whooping cough	1						1														
5	Diphtheria	2	1	1				1														
6	Tuberculosis of the respiratory system	175	102	48	18	7		1			1	38	30	18	16	40	18	5	1			
7	All other forms of tuberculosis	8	6	1	1			1			2		2		2							
8	Malaria																					
9	Syphilis	34	20	6	7	1	1	1			1	2	2	2	4	14	5	3				
10	Influenza	14	5	9			1	2						1		4	2	3	2			
11	Smallpox																					
12	Measles	2	1	1				2														
13	Typhus fever																					
14	Other infectious or parasitic diseases	14	11	2	1		1	1			1	2	2	1	3	3	3	2				
15	Cancer and other malignant tumors	498	257	222	11	8		1	1	1	1	3	16	16	36	119	153	117	32			
16	Nonmalignant tumors or tumors of unspecified nature	16	5	10	1									1	1	4	6	4				
17	Chronic rheumatism and gout	2		2																		
18	Diabetes mellitus	108	27	75		6			1			1	2	2	4	24	38	30		1		
19	Chronic or acute alcoholism	3	3										1		1	1						
20	Avitaminoses, other general diseases, diseases of the blood, and chronic poisonings	33	12	18	1	2		1	1		3	2	5	1	6	4	5	4	1			
21	Meningitis (nonmeningococcal) and diseases of the spinal cord	14	3	9		2	1	2	1	1	1		2	1	2	2		2				
22	Intracranial lesions of vascular origin	288	117	159	6	6				1	1	1	2	10	13	67	85	75	29	2		

TABULATION OF DEATHS IN UNION CITY FOR 1943, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	All Deaths	White		Colored		Age Periods														
			Male	Female	Male	Female	Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 44	45 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and Over	Unknown
			759	419	340			31	37	4	1	4	18	32	34	38	128	173	178	101	11
	ALL CAUSES																				
1	Typhoid and paratyphoid fevers																				
2	Plague																				
3	Scarlet fever																				
4	Whooping cough	2		2		1	2														
5	Diphtheria																				
6	Tuberculosis of the respiratory system	23	17	6					1	5	3	2	2	5	4						
7	All other forms of tuberculosis	2	1	1				1													
8	Malaria																				
9	Syphilis	5	4	1							1	1	1		2						
10	Influenza	1	1														1				
11	Smallpox																				
12	Measles	1		1				1													
13	Typhus fever																				
14	Other infectious or parasitic diseases	3	2	1										1	2						
15	Cancer and other malignant tumors	101	49	52						3	3	8	9	16	31	20	10	1			
16	Nonmalignant tumors or tumors of unspecified nature	5		5										1	3				1		
17	Chronic rheumatism and gout	1	1								1										
18	Diabetes mellitus	30	10	20					1					9	9	9	2				
19	Chronic or acute alcoholism																				
20	Avitaminoses, other general diseases, diseases of the blood, and chronic poisonings	2	2					1	1												
21	Meningitis (nonmeningococcal) and diseases of the spinal cord	3	2	1		1	1							2							
22	Intracranial lesions of vascular origin	70	34	36						1	2			3	7	18	28	13			

TABULATION OF DEATHS IN HUNTERDON COUNTY FOR 1948, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	All Deaths	White		Colored		Age Periods													90 and Over	Unknown	
			Male	Female	Male	Female	Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 44	45 to 49	50 to 59	60 to 69	70 to 79	80 to 89			
																						21	22	1	2	2	5	13	12	13	60	123	151	99	21
	ALL CAUSES	524	289	227	6	2	21	22	1	2	2	5	13	12	13	60	123	151	99	21	...	
1	Typhoid and paratyphoid fevers																					
2	Plague																					
3	Scarlet fever																					
4	Whooping cough																					
5	Diphtheria																					
6	Tuberculosis of the respiratory system	11	9	2								2	1			2	5	1				
7	All other forms of tuberculosis																					
8	Malaria																					
9	Syphilis	6	4		2		1	1						1		2		2				
10	Influenza	4	2	1		1												2			2	
11	Smallpox																					
12	Measles																					
13	Typhus fever																					
14	Other infectious or parasitic diseases	1	1													1						
15	Cancer and other malignant tumors	69	32	37									3	3	4	12	22	15	10			
16	Nonmalignant tumors or tumors of unspecified nature																					
17	Chronic rheumatism and gout																					
18	Diabetes mellitus	16	7	9												2	5	6	3			
19	Chronic or acute alcoholism																					
20	Avitaminoses, other general diseases, diseases of the blood, and chronic poisonings	12	3	9			2	2						2		5	1	2				
21	Meningitis (nonmeningococcal) and diseases of the spinal cord	1	1				1	1														
22	Intracranial lesions of vascular origin	47	26	21											1	3	9	19	12	3		

TABULATION OF DEATHS IN MERCER COUNTY FOR 1943, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	All Deaths		White		Colored		Age Periods													Unknown
		Male	Female	Male	Female	Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 44	45 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and Over		
																				Male		Female	Male	Female	Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 44	45 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and Over
	ALL CAUSES	3323	1181	950	98	94	201	222	12	15	27	66	104	78	127	397	477	489	271	38	
1	Typhoid and paratyphoid fevers																				
2	Plague																				
3	Scarlet fever	3	1	2									1								
4	Whooping cough	1	1				1	1													
5	Diphtheria	3	1	1			1	1													
6	Tuberculosis of the respiratory system	114	70	33	9	2					4	14	15	5	16	35	14	10	1		
7	All other forms of tuberculosis	5	2	1		2	1	2				1			2						
8	Malaria																				
9	Syphilis	28	14	3	5	6						2	4	3	2	3	10	4			
10	Influenza	16	8	3	2	3	1	1				1	2	1	1	5	3	2			
11	Smallpox																				
12	Measles	1	1					1													
13	Typhus fever																				
14	Other infectious or parasitic diseases	13	7	2	3	1	1	1		1	1	3	3			3	1				
15	Cancer and other malignant tumors	282	121	146	8	7					1	3	13	14	24	70	65	62	27	3	
16	Nonmalignant tumors or tumors of unspecified nature	20	9	8		3	1	1				1	2	2	5	6	2		1		
17	Chronic rheumatism and gout	7	3	4													2				
18	Diabetes mellitus	77	24	49	1	3							2	3	2	15	27	4	1		
19	Chronic or acute alcoholism	6	5	1									2			4					
20	Avitaminoses, other general diseases, diseases of the blood, and chronic poisonings	26	12	11		3	6	7		1	1	1	3	1	2	5	1	3	1		
21	Meningitis (nonmeningococcal) and diseases of the spinal cord	16	9	3	3	1	3	3	1	1	2	1	1	1	2	2	1				
22	Intracranial lesions of vascular origin	193	76	103	6	8							2	3	5	27	51	71	33	1	

23	Other diseases of the nervous system and sense organs	14	9	4	1	1	1	1	1	1	2	2	2	1	1	1	1	1
24	Diseases of the heart	733	399	290	24	20	1	2	1	6	8	14	18	30	133	199	202	103
25	Other diseases of the circulatory system	80	37	39	4	4	1	1	1	1	1	1	1	1	3	13	27	31
26	Bronchitis	7	3	4	1	1	1	1	1	1	1	1	1	1	1	2	1	2
27	Pneumonia and bronchopneumonia	113	54	48	6	5	30	34	1	1	5	5	4	5	10	15	18	12
28	Other diseases of the respiratory system	19	11	5	2	1	2	5	2	2	1	1	1	4	2	2	2	1
29	Diarrhea and enteritis	24	12	12	1	1	22	25	1	1	1	1	1	1	1	2	2	1
30	Appendicitis	9	6	3	3	1	1	1	1	1	1	1	2	2	2	2	2	1
31	Diseases of the liver and biliary passages	29	15	13	1	1	1	1	1	1	1	5	3	10	7	1	1	3
32	Other diseases of the digestive system	45	23	19	3	5	5	3	3	5	5	5	5	6	5	6	5	6
33	Nephritis	130	68	42	15	5	1	1	1	1	3	5	8	26	31	28	23	6
34	Other diseases of the urinary and genital systems	20	14	5	1	1	1	2	1	1	1	2	1	2	3	5	3	3
35	Puerperal infection	5	4	4	1	1	1	1	1	1	3	2	1	1	1	1	1	1
36	Other diseases of pregnancy, childbirth, and the puerperium	4	2	2	2	1	1	1	1	1	2	1	1	1	1	1	1	1
37	Diseases of the skin, cellular tissue, bones, and organs of movement	9	3	5	1	1	1	1	1	1	1	1	1	4	1	1	1	1
38	Congenital malformations and debility, premature birth, and diseases peculiar to the first year of life	123	68	41	5	9	120	123	1	1	1	1	1	1	1	1	1	1
39	Senility, old age	7	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
40	Suicide	18	13	5	1	1	1	1	1	1	1	1	1	6	5	1	1	1
41	Homicide	5	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1
42	Automobile accidents (all motor-driven road vehicles)	26	19	7	1	1	1	1	3	4	2	3	2	2	2	6	1	1
43	Other violent or accidental deaths (suicide, homicide, and automobile accidents excepted)	91	58	28	3	2	3	7	1	8	2	4	7	4	4	12	12	10
44	Causes of death ill-defined, unknown, or unspecified	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Estimated Population, 196,424.

Total Resident Deaths, 2,323.

Rate per 1,000 Population, 11.8.

TABULATION OF DEATHS IN TRENTON FOR 1948, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	All Deaths		White		Colored		Age Periods										Unknown			
				Male	Female	Male	Female	Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69		70 to 79	80 to 89	90 and Over
	ALL CAUSES	1542	769	642	64	67	129	144	8	11	19	52	78	51	84	283	312	327	155	18	
1	Typhoid and paratyphoid fevers																				
2	Plague																				
3	Scarlet fever	3	1	2						1	1		1								
4	Whooping cough																				
5	Diphtheria	3	1	1		1		1	1			1									
6	Tuberculosis of the respiratory system	92	56	27	7	2					4	12	13	5	11	31	10	6			
7	All other forms of tuberculosis	4	2			2	1	2								2					
8	Malaria																				
9	Syphilis	22	11	3	4	4						2	3	2	2	2	7	4			
10	Influenza	13	6	2	2	3	1	1					2	1	1	4	2	2			
11	Smallpox																				
12	Measles	1	1					1													
13	Typhus fever																				
14	Other infectious or parasitic diseases	9	5	1	3							2	3			3	1				
15	Cancer and other malignant tumors	174	78	88	4	4						1	11	7	14	44	44	37	15	1	
16	Nonmalignant tumors or tumors of unspecified nature	15	6	7		2	1	1				1	2	1	5	3	1			1	
17	Chronic rheumatism and gout	6	2	4																	
18	Diabetes mellitus	51	14	34		3								1	2	10	21	13	4		
19	Chronic or acute alcoholism	6	5	1									2			4					
20	Avitaminoses, other general diseases, diseases of the blood, and chronic poisonings	14	4	7		3	3	3		1	1	1			1	4	1	1			
21	Meningitis (nonmeningococcal) and diseases of the spinal cord	12	7	2	2	1	2	2		1	1	2	1	1	2	1					
22	Intracranial lesions of vascular origin	122	46	66	3	3							2	1	3	17	34	48	17		

23	Other diseases of the nervous system and sense organs	8	6	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
24	Diseases of the heart	469	245	201	13	10	1	1	1	4	6	10	13	16	89	125	141	56	8
25	Other diseases of the circulatory system	58	26	28	4	4	1	1	1	1	1	1	1	1	3	10	23	19	2
26	Bronchitis	4	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	Pneumonia and bronchopneumonia	85	40	35	5	5	21	24	1	1	4	4	4	5	10	9	12	8	3
28	Other diseases of the respiratory system	16	8	5	2	1	2	5	1	2	1	1	1	4	1	1	1	1	1
29	Diarrhea and enteritis	15	6	9	1	1	13	13	1	1	1	1	1	1	1	1	1	1	1
30	Appendicitis	6	5	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
31	Diseases of the liver and biliary passages	23	11	11	1	1	1	1	1	1	4	4	3	3	8	6	1	1	1
32	Other diseases of the digestive system	33	16	14	3	5	5	2	1	1	5	5	1	3	4	3	5	1	1
33	Nephritis	90	45	31	9	5	1	1	1	1	1	4	6	6	21	24	16	15	3
34	Other diseases of the urinary and genital systems	14	10	4	1	1	1	2	1	1	1	1	1	1	2	2	3	2	2
35	Puerperal infection	3	2	2	1	1	1	1	1	1	3	3	3	3	3	3	3	3	3
36	Other diseases of pregnancy, childbirth, and the puerperium	4	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1
37	Diseases of the skin, cellular tissue, bones, and organs of movement	6	3	2	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3
38	Congenital malformations and debility, premature birth, and diseases peculiar to the first year of life	76	44	24	4	4	74	76	1	1	1	1	1	1	1	1	1	1	1
39	Senility, old age	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
40	Suicide	10	8	2	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3
41	Homicide	3	1	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
42	Automobile accidents (all motor-driven road vehicles)	14	11	3	1	1	1	1	1	1	3	2	2	1	2	2	1	1	1
43	Other violent or accidental deaths (suicide, homicide, and automobile accidents excepted)	54	37	16	1	1	4	6	2	3	4	3	3	3	9	3	6	10	1
44	Causes of death ill-defined, unknown, or unspecified																		

Population (1940 Census), 124,697.

Total Resident Deaths, 1,542.

Rate per 1,000 Population, 12.4.

TABULATION OF DEATHS IN MONMOUTH COUNTY FOR 1943, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	All Deaths		White		Colored		Age Periods														
				Male	Female	Male	Female	Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 44	45 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and Over	Unknown
			ALL CAUSES	2408	1108	1003	148	149	119	132	8	13	15	41	84	80	114	366	542	594	359	60
1	Typhoid and paratyphoid fevers	1			1							1										
2	Plague																					
3	Scarlet fever	1	1									1										
4	Whooping cough	2	1	1				2														
5	Diphtheria																					
6	Tuberculosis of the respiratory system	56	27	10	10	9					3	6	14	5	7	10	5	5	1			
7	All other forms of tuberculosis	4	1	2	1	1							1			1	1	1				
8	Malaria																					
9	Syphilis	28	14	4	8	2								2	5	11	9	1				
10	Influenza	14	7	6	1		1	1				2	1			1	1	5	3			
11	Smallpox																					
12	Measles																					
13	Typhus fever	1	1													1						
14	Other infectious or parasitic diseases	24	6	12	4	2	5	5		2	3	3	2	2		2	5					
15	Cancer and other malignant tumors	275	115	133	13	14	1	1				3	7	10	13	54	87	69	29	2		
16	Nonmalignant tumors or tumors of unspecified nature	4	1	1		2							1	1		1	1					
17	Chronic rheumatism and gout	2	1	1																	2	
18	Diabetes mellitus	60	18	36	2	4							1	1	3	9	22	19	5			
19	Chronic or acute alcoholism	4	3		1									1	1	2						
20	Avitaminoses, other general diseases, diseases of the blood, and chronic poisonings	29	11	14	1	3	2	4			1	3	6	1		7	3	2	2			
21	Meningitis (nonmeningococcal) and diseases of the spinal cord	6	3	2		1						1		1				1	1			
22	Intracranial lesions of vascular origin	212	72	111	9	20	1	2				1	1	3	13	33	43	63	37	6		

23	Other diseases of the nervous system and sense organs	12	6	3	8	1					2	1	2	1	1	3	1			
24	Diseases of the heart	928	466	368	42	52			1		2	4	12	22	41	134	245	277	156	35
25	Other diseases of the circulatory system	56	29	20	3	4					2	1	1	1	9	18	22	2		
26	Bronchitis	6	3	3			1	1							2	1	1			
27	Pneumonia and bronchopneumonia	104	42	45	10	7	7	7	2	1	4	8	5	3	16	14	22	19	3	
28	Other diseases of the respiratory system	24	11	9	2	2	1	1		1	1		1		1	5	5	8	1	
29	Diarrhea and enteritis	3	1	1	1		2	3												
30	Appendicitis	11	8	3						1	2	2	1		1	2	1	1		
31	Diseases of the liver and biliary passages	38	20	16		2						2	5	2	11	10	7	1		
32	Other diseases of the digestive system	31	19	8	2	2	1	2		2	2		1	2	1	5	4	8	4	
33	Nephritis	139	60	66	8	5						1	3	6	21	38	40	27	3	
34	Other diseases of the urinary and genital systems	25	17	5	1	2	1	1					1	1	2	5	11	4		
35	Puerperal infection	1		1						1										
36	Other diseases of pregnancy, childbirth, and the puerperium	3		2		1					2	1								
37	Diseases of the skin, cellular tissue, bones, and organs of movement	1	1				1	1												
38	Congenital malformations and debility, premature birth, and diseases peculiar to the first year of life	92	41	38	7	6	91	92												
39	Senility, old age	36	18	17	1											3	12	16	5	
40	Suicide	19	12	5	2						3	2	5	1	7	1				
41	Homicide	6	2		3	1						3	1	1	1					
42	Automobile accidents (all motor-driven road vehicles)	32	19	7	6			1	1	1	1	1	6	3	4	5	5	3	1	
43	Other violent or accidental deaths (suicide, homicide, and automobile accidents excepted)	114	50	52	8	4	6	8	2	6		3	8	2	7	21	16	20	18	3
44	Causes of death ill-defined, unknown, or unspecified	4	1	1	1	1									2	2				

Estimated Population, 172,054.

Total Resident Deaths, 2,408.

Rate per 1,000 Population, 14.0.

TABULATION OF DEATHS IN MORRIS COUNTY FOR 1948, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	All Deaths		White		Colored		Age Periods														
				Male	Female	Male	Female	Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 44	45 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and Over	Unknown
			ALL CAUSES	1463	760	663	23	17	70	80	7	6	10	17	55	53	58	212	307	372	246	40
1	Typhoid and paratyphoid fevers																					
2	Plague																					
3	Scarlet fever																					
4	Whooping cough																					
5	Diphtheria																					
6	Tuberculosis of the respiratory system	41	27	11	2	1				1	3	12	3	3	9	8	1	1				
7	All other forms of tuberculosis	1	4	2	2	1	2			1				1		3						
8	Malaria	15	8	4	2	1				2			2	1	3	6		1				
9	Syphilis	8	5	3									1		2			3	2			
10	Influenza																					
11	Smallpox																					
12	Measles																					
13	Typhus fever																					
14	Other infectious or parasitic diseases	7	3	4						1	1		1	1		2		1				
15	Cancer and other malignant tumors	197	89	106	1	1						2	3	10	12	41	49	52	26	2		
16	Nonmalignant tumors or tumors of unspecified nature	7	3	2		2		1					2			2	2					
17	Chronic rheumatism and gout	1		1															1			
18	Diabetes mellitus	47	18	29			1	1	1		1		1		1	8	7	21	6			
19	Chronic or acute alcoholism	1	1											1								
20	Avitaminoses, other general diseases, diseases of the blood, and chronic poisonings	17	6	10		1	1	3		1		1		2		5	3	2				
21	Meningitis (nonmeningococcal) and diseases of the spinal cord	4	2	2										1	1	1	1					
22	Intracranial lesions of vascular origin	132	48	80	3	1							2	4	2	16	30	48	24	6		

23	Other diseases of the nervous system and sense organs	11	5	6	1	1	1	2	2	1	4								
24	Diseases of the heart	506	280	218	4	4		3	12	7	15	60	123	148	105	19			
25	Other diseases of the circulatory system	73	34	35	2	2			1		2	13	18	33	6				
26	Bronchitis	5	3	2															
27	Pneumonia and bronchopneumonia	44	23	21				2	2	1	3	3	6	10	9	1			
28	Other diseases of the respiratory system	8	5	2	1			1			1	2	3		1				
29	Diarrhea and enteritis	4	2	2															
30	Appendicitis	5	5								2	1	1	1					
31	Diseases of the liver and biliary passages	25	11	14					1	4	2	8	3	5	2				
32	Other diseases of the digestive system	34	23	11					3	5	1	6	10	6	3				
33	Nephritis	100	59	39	1	1		1	2	7	3	18	18	33	19	1			
34	Other diseases of the urinary and genital systems	18	16	2						1	1	2		7	5	2			
35	Puerperal infection	2		2				1	1										
36	Other diseases of pregnancy, childbirth, and the puerperium	1		1				1											
37	Diseases of the skin, cellular tissue, bones, and organs of movement	2		2															
38	Congenital malformations and debility, premature birth, and diseases peculiar to the first year of life	54	30	21	2	1	53	54											
39	Senility, old age	2	1	1									1						1
40	Suicide	14	8	6					3		3	2	3	2					
41	Homicide	1	1						1										
42	Automobile accidents (all motor-driven road vehicles)	12	10	2			1	2	2		1	4	1	1					
43	Other violent or accidental deaths (suicide, homicide, and automobile accidents excepted)	58	33	20	5	1	3	4	1	2	2	3	3	4	8	10	7	9	2
44	Causes of death ill-defined, unknown, or unspecified																		

Estimated Population, 127,250.

Total Resident Deaths, 1,463.

Rate per 1,000 Population, 11.5.

TABULATION OF DEATHS IN OCEAN COUNTY FOR 1943, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	All Deaths		White		Colored		Age Periods											Unknown		
		Male	Female	Male	Female	Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 44	45 to 49	50 to 59	60 to 69	70 to 79	80 to 89		90 and Over	
	ALL CAUSES	630	349	253	15	13	30	31	3	3	2	28	19	19	23	85	138	176	88	17	
1	Typhoid and paratyphoid fevers																				
2	Plague																				
3	Scarlet fever																				
4	Whooping cough																				
5	Diphtheria																				
6	Tuberculosis of the respiratory system	23	14	3	4	2	1	1				6	6	3	1	2	3	1			
7	All other forms of tuberculosis	2		2								1	1			1					
8	Malaria																				
9	Syphilis	6	3	3							1				3	1	1				
10	Influenza	8	5	3				1	1								1	2	3		
11	Smallpox																				
12	Measles	1	1				1	1													
13	Typhus fever	1		1											1						
14	Other infectious or parasitic diseases	5	3	2											1			1			
15	Cancer and other malignant tumors	90	48	40	1	1		1					2	2	6	12	34	25	5	3	
16	Nonmalignant tumors or tumors of unspecified nature	2		2									1			1					
17	Chronic rheumatism and gout	1		1													1				
18	Diabetes mellitus	18	3	15											4	8	3	3			
19	Chronic or acute alcoholism	1	1												1						
20	Avitaminoses, other general diseases, diseases of the blood, and chronic poisonings	4	2	1	1		1	1									2	1			
21	Meningitis (nonmeningococcal) and diseases of the spinal cord																				
22	Intracranial lesions of vascular origin	62	25	31	2	4								1	3	8	15	22	12	1	

TABULATION OF DEATHS IN PASSAIC COUNTY FOR 1943, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	All Deaths		White		Colored		Age Periods														
		Male	Female	Male	Female	Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 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	3551	1767	1672	62	50	212	239	18	19	24	84	138	118	196	625	787	818	432	53	....
1	Typhoid and paratyphoid fevers																					
2	Plague																					
3	Scarlet fever	1	1								1											
4	Whooping cough	1		1			1	1														
5	Diphtheria																					
6	Tuberculosis of the respiratory system	108	65	29	11	3					5	15	22	11	14	25	11	4	1			
7	All other forms of tuberculosis	10	6	3		1		1			1	2			1	2	3					
8	Malaria																					
9	Syphilis	27	12	7	5	3						4	1	5	7	8	2					
10	Influenza	22	8	14			3	3				1	3		1	6	6		2			
11	Smallpox																					
12	Measles																					
13	Typhus fever																					
14	Other infectious or parasitic diseases	23	18	4		1				2		2	3	3	4	3	5	1				
15	Cancer and other malignant tumors	459	216	239	2	2		1			1	8	18	16	34	119	166	116	37	3		
16	Nonmalignant tumors or tumors of unspecified nature	25	7	15		3		1		1		6	2	6	4	2	3					
17	Chronic rheumatism and gout	5	1	4											1	1	3					
18	Diabetes mellitus	140	35	102		3				1		3		5	4	20	63	35	9			
19	Chronic or acute alcoholism	11	9	1	1								1		3	4	2	1				
20	Avitaminoses, other general diseases, diseases of the blood, and chronic poisonings	64	50	31	1	2	5	8	3	1	2	2	3	5	4	14	12	6	4			
21	Meningitis (nonmeningococcal) and diseases of the spinal cord	6	3	3								1			1	3	1					
22	Intracranial lesions of vascular origin	323	183	180	4	6							5	8	12	45	91	109	47	6		

23	Other diseases of the nervous system and sense organs	23	14	9			1	1			1	2	4	1	2		2	4	5	1
24	Diseases of the heart	1171	631	521	12	7	1	4	1	7	1	13	24	34	50	220	261	316	190	20
25	Other diseases of the circulatory system	133	62	69	2								4		2	7	24	41	47	8
26	Bronchitis	11	5	5	1															
27	Pneumonia and bronchopneumonia	159	80	71	7	1	36	45	1	3		1	1				2	1	2	1
28	Other diseases of the respiratory system	21	11	8	1	1						4	3	2	11	17	24	32	15	2
29	Diarrhea and enteritis	31	14	16			28	28				1	2	2	1	6	3	4	1	
30	Appendicitis	12	4	6	1	1						2	1	1	2	3	3			
31	Diseases of the liver and biliary passages	73	39	33	1		1	1					1	1	8	18	23	19	2	
32	Other diseases of the digestive system	81	48	51		2	2	3	1	1	2	2	5	4	7	21	18	14	3	
33	Nephritis	186	82	98	1	5					2	2	8	8	13	36	39	48	27	3
34	Other diseases of the urinary and genital systems	31	24	6		1						1	1	1	1	5	7	9	6	
35	Puerperal infection	3		2		1						1	2							
36	Other diseases of pregnancy, childbirth, and the puerperium	6		5		1						2	4							
37	Diseases of the skin, cellular tissue, bones, and organs of movement	7	4	3			1	1			1					1		3		1
38	Congenital malformations and debility, premature birth, and diseases peculiar to the first year of life	131	61	62	5	3	128	130	1											
39	Senility, old age	20	10	10														1	6	8
40	Suicide	50	33	16	1							5	5	3	6	15	8	6	2	5
41	Homicide	4	2	1	1						1	1	1			1				
42	Automobile accidents (all motor-driven road vehicles)	37	28	9				1	7			4	1	3	1	9	5	3	3	
43	Other violent or accidental deaths (suicide, homicide, and automobile accidents excepted)	131	69	56	5	1	5	7	4	3	4	9	6	6	4	16	20	27	20	5
44	Causes of death ill-defined, unknown, or unspecified	5	2	2		1					1					2	2			

Estimated Population, 293,623.

Total Resident Deaths, 3,551.

Rate per 1,000 Population, 12.1.

TABULATION OF DEATHS IN PASSAIC CITY FOR 1943, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	All Deaths		White		Colored		Age Periods													
		Male	Female	Male	Female	Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 44	45 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and Over	Unknown	
	ALL CAUSES	625	319	284	13	9	35	42	5	3	4	17	27	23	34	137	140	117	62	14	
1	Typhoid and paratyphoid fevers																				
2	Plague																				
3	Scarlet fever																				
4	Whooping cough	1		1			1	1													
5	Diphtheria																				
6	Tuberculosis of the respiratory system	29	20	8	1						3	8	3		4	6	5				
7	All other forms of tuberculosis	3	2	1				1							1	1					
8	Malaria																				
9	Syphilis	6	3	1	1	1					1				2		2	1			
10	Influenza	1		1							1										
11	Smallpox																				
12	Measles																				
13	Typhus fever																				
14	Other infectious or parasitic diseases	3	2			1				1											
15	Cancer and other malignant tumors	90	51	39							3	2	4	6	29	19	17	9	1		
16	Nonmalignant tumors or tumors of unspecified nature	6	1	4		1			1			1	1	2				1			
17	Chronic rheumatism and gout	2		2											1	1					
18	Diabetes mellitus	19	4	15										2	3	9	5				
19	Chronic or acute alcoholism	1	1									1									
20	Avitaminoses, other general diseases, diseases of the blood, and chronic poisonings	14	10	3	1		1	2		2				1	4	2	3				
21	Meningitis (nonmeningococcal) and diseases of the spinal cord																				
22	Intracranial lesions of vascular origin	49	22	25	2										11	21	12	4	1		

TABULATION OF DEATHS IN PATERSON FOR 1943, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	All Deaths		White		Colored		Age Periods														
				Male	Female	Male	Female	Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 44	45 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and Over	Unknown
			ALL CAUSES	1829	888	858	45	38	98	113	10	5	16	39	65	61	108	287	421	443	235	26
1	Typhoid and paratyphoid fevers																					
2	Plague																					
3	Scarlet fever																					
4	Whooping cough																					
5	Diphtheria																					
6	Tuberculosis of the respiratory system	59	35	12	9	3					4	7	11	6	7	16	5	3				
7	All other forms of tuberculosis	5	2	2	1						1					1	3					
8	Malaria																					
9	Syphilis	16	6	4	4	2							2	1	4	3	5	1				
10	Influenza	11	3	8			1	1									3	4	1			
11	Smallpox																					
12	Measles																					
13	Typhus fever			4							1	1	1	2	3	2	3	1				
14	Other infectious or parasitic diseases	13	9	4								1	1	2	3	2	3	1				
15	Cancer and other malignant tumors	221	95	122	2	2		1			1	2	7	6	19	55	53	60	15	2		
16	Nonmalignant tumors or tumors of unspecified nature	11	2	7		2		1					2	1	2	3	1	1				
17	Chronic rheumatism and gout	3	1	2														3				
18	Diabetes mellitus	71	15	54		2						2		2		15	28	19	5			
19	Chronic or acute alcoholism	8	6	1	1										2	3	2	1				
20	Avitaminoses, other general diseases, diseases of the blood, and chronic poisonings	30	15	13		2	3	3	2			1	3	2	4	4	8	1	2			
21	Meningitis (nonmeningococcal) and diseases of the spinal cord	3	1	2									1				2					
22	Intracranial lesions of vascular origin	190	75	108	2	5								3	4	10	21	47	70	30	5	

TABULATION OF DEATHS IN SALEM COUNTY FOR 1943, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	All Deaths	White		Colored		Age Periods															
			Male	Female	Male	Female	Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 44	45 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and Over	Unknown	
	ALL CAUSES	507	248	176	44	39	47	58	2	2	8	13	23	16	25	32	102	90	70	16	...	
1	Typhoid and paratyphoid fevers																					
2	Plague																					
3	Scarlet fever																					
4	Whooping cough	3	1		2		3	3														
5	Diphtheria	1		1			1	1														
6	Tuberculosis of the respiratory system	17	8	1	2	6				1		2	3	2	5	2	2					
7	All other forms of tuberculosis	2			1	1						1		1								
8	Malaria																					
9	Syphilis	5	1		4								1	1		2	1					
10	Influenza	13	3	8	1	1	1	2	1		1	1	1	1		1		3	2			
11	Smallpox																					
12	Measles	1		1						1												
13	Typhus fever																					
14	Other infectious or parasitic diseases	1								1												
15	Cancer and other malignant tumors	59	30	24	2	3		1					2	1	3	18	16	9	7	2		
16	Nonmalignant tumors or tumors of unspecified nature	4	1	2		1							1			2				1		
17	Chronic rheumatism and gout	4	2	2													1		2	1		
18	Diabetes mellitus	15	5	8		2									1	4	6	3	1			
19	Chronic or acute alcoholism																					
20	Avitaminoses, other general diseases, diseases of the blood, and chronic poisonings	6	0					1			2					1	1	1				
21	Meningitis (nonmeningococcal) and diseases of the spinal cord	1	1																			
22	Intracranial lesions of vascular origin	40	18	22	4	2								2	3	10	9	15	6	1		

23	Other diseases of the nervous system and sense organs	3	1	2				1		1			1						
24	Diseases of the heart	144	89	44	4	7				2	4	9	26	41	26	31	5		
25	Other diseases of the circulatory system	18	7	8	2	1							3	2	6	4	3		
26	Bronchitis	5	3	2		1	1				1		1	1		1	1		
27	Pneumonia and bronchopneumonia	24	10	9	4	1	9	14					1	3	3	2	1		
28	Other diseases of the respiratory system	2	1	1									1						
29	Diarrhea and enteritis	5	1	2	1	1	3	3		1			1			1			
30	Appendicitis	1	1																
31	Diseases of the liver and biliary passages	3		3									1	2					
32	Other diseases of the digestive system	9	5	3		1						2	2	2	2	1			
33	Nephritis	37	17	12	5	3				1	3	1	3	11	13	3	2		
34	Other diseases of the urinary and genital systems	3	1	2						1	1					1			
35	Puerperal infection																		
36	Other diseases of pregnancy, childbirth, and the puerperium	2		1		1				2									
37	Diseases of the skin, cellular tissue, bones, and organs of movement	2		2											2				
38	Congenital malformations and debility, premature birth, and diseases peculiar to the first year of life	26	11	7	3	5	26	26											
39	Senility, old age	3		2		1										2	1		
40	Suicide	4	3	1							2	1	1						
41	Homicide	3	1		1	1	1	1		1	1								
42	Automobile accidents (all motor-driven road vehicles)	8	5		3				1	1	2		1	2	1				
43	Other violent or accidental deaths (suicide, homicide, and automobile accidents excepted)	27	16	7	3	1	2	5	1	2	3	3	1	1	2	3	5	1	
44	Causes of death ill-defined, unknown, or unspecified																		

Estimated Population, 42,599.

Total Resident Deaths, 507.

Rate per 1,000 Population, 11.9.

TABULATION OF DEATHS IN SOMERSET COUNTY FOR 1943, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	All Deaths		White		Colored		Age Periods													
				Male	Female	Male	Female	Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 44	45 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and Over	Unknown
			ALL CAUSES	788	424	339	13	12	37	47	4	5	19	28	29	34	113	176	211	95	27
1	Typhoid and paratyphoid fevers	1			1										1						
2	Plague																				
3	Scarlet fever																				
4	Whooping cough	2		2			2	2													
5	Diphtheria																				
6	Tuberculosis of the respiratory system	28	17	10	1					6	6	6	1	3	3	1	1	1	1		
7	All other forms of tuberculosis	1		1									1								
8	Malaria																				
9	Syphilis	5	5										1	2	2						
10	Influenza	9	5	4				2		1		1	1	1	1	1	1		1		
11	Smallpox																				
12	Measles																				
13	Typhus fever																				
14	Other infectious or parasitic diseases	4	3	1			1	1	1				1	1							
15	Cancer and other malignant tumors	100	48	49	1	2						3	5	5	23	30	28	5	1		
16	Nonmalignant tumors or tumors of unspecified nature	2	1	1												1	1				
17	Chronic rheumatism and gout																				
18	Diabetes mellitus	23	9	14										1	4	10	8				
19	Chronic or acute alcoholism	2	1	1								1				1					
20	Avitaminoses, other general diseases, diseases of the blood, and chronic poisonings	6	2	4				1						1	1	2	1				
21	Meningitis (nonmeningococcal) and diseases of the spinal cord	3	1	2												1	2				
22	Intracranial lesions of vascular origin	79	33	45	1					2	1	2	1	9	17	33	9	5			

TABULATION OF DEATHS IN SUSSEX COUNTY FOR 1943, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	All Deaths		Age Periods																	
		White		Colored		Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 44	45 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and Over	Unknown	
		Male	Female	Male	Female																
	ALL CAUSES	395	202	190	1	20	26	5	2	4	10	12	13	16	49	75	115	56	10	...	
1	Typhoid and paratyphoid fevers																				
2	Plague																				
3	Scarlet fever																				
4	Whooping cough																				
5	Diphtheria																				
6	Tuberculosis of the respiratory system	9	4	5									3								
7	All other forms of tuberculosis																				
8	Malaria																				
9	Syphilis	2	2													1	1				
10	Influenza	8	5	3		3	3													5	
11	Smallpox																				
12	Measles																				
13	Typhus fever																				
14	Other infectious or parasitic diseases												2	2	8	15	14	4			
15	Cancer and other malignant tumors	45	18	27																	
16	Non-malignant tumors or tumors of unspecified nature	1		1							1										
17	Chronic rheumatism and gout	1		1																	
18	Diabetes mellitus	14	5	9							1			1	3	4	1	3			
19	Chronic or acute alcoholism	1	1										1								
20	Avitaminoses, other general diseases, diseases of the blood, and chronic poisonings	7	3	4		1	1			1	1				1	2	1				
21	Meningitis (nonmeningococcal) and diseases of the spinal cord	1	1													1					
22	Intracranial lesions of vascular origin	37	16	21							1			1	9	4	11	8	3		

TABULATION OF DEATHS IN UNION COUNTY FOR 1943, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	All Deaths		White		Colored		Age Periods														
				Male	Female	Male	Female	Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 44	45 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Unknown
			ALL CAUSES	3469	1714	1481	150	124	222	254	19	17	34	110	168	143	213	584	790	712	369	56
1	Typhoid and paratyphoid fevers .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	Plague .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Scarlet fever .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Whooping cough	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	Diphtheria .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	Tuberculosis of the respiratory system	111	50	20	10	16	1	3	.....	.....	5	15	19	8	6	23	15	9	1	.....	.....	.....
7	All other forms of tuberculosis	1	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	Malaria .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	Syphilis	17	6	4	4	3	.....	.....	.....	.....	.....	.....	3	3	1	4	5	.....	.....	.....	.....	.....
10	Influenza	21	9	11	.....	1	2	2	.....	.....	1	1	2	2	2	2	1	4	.....	.....	.....	.....
11	Smallpox .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	Measles .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	Typhus fever .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Other infectious or parasitic diseases	18	9	8	1	.....	.....	.....	1	1	1	3	3	1	3	4	.....	1	.....	.....	.....	.....
15	Cancer and other malignant tumors	478	223	232	14	9	1	3	1	2	1	6	14	28	28	109	153	104	26	3	.....	.....
16	Nonmalignant tumors or tumors of unspecified nature	23	4	15	.....	4	.....	1	1	.....	.....	1	2	4	3	5	3	2	1	.....	.....	.....
17	Chronic rheumatism and gout	4	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Diabetes mellitus	98	32	61	2	3	.....	.....	.....	1	.....	.....	.....	1	5	18	33	27	11	1	.....	.....
19	Chronic or acute alcoholism	3	2	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....
20	Avitaminoses, other general diseases, diseases of the blood, and chronic poisonings	48	23	21	3	1	2	4	1	3	3	3	6	2	3	8	11	4	.....	.....	.....	.....
21	Meningitis (nonmeningococcal) and diseases of the spinal cord	11	7	2	2	.....	1	1	2	.....	1	.....	.....	.....	1	1	3	1	.....	.....	1	.....
22	Intracranial lesions of vascular origin	311	129	165	6	11	.....	.....	.....	.....	.....	3	8	6	11	58	82	100	36	7	.....	.....

23	Other diseases of the nervous system and sense organs	31	16	15	.....	2	5	.....	1	.....	4	3	4	1	2	5	5	1	.....
24	Diseases of the heart	1153	610	479	33	31	.....	1	2	6	19	30	39	87	191	302	270	184	22
25	Other diseases of the circulatory system	96	46	43	3	4	.....	.....	.....	.....	.....	2	1	.....	7	21	23	33	9
26	Bronchitis	8	4	3	.....	1	2	3	.....	.....	.....	.....	.....	1	1	1	2	.....	.....
27	Pneumonia and bronchopneumonia	163	80	60	15	8	24	30	.....	2	5	4	3	8	32	29	33	13	4
28	Other diseases of the respiratory system	23	14	8	1	.....	1	2	1	.....	1	2	1	2	3	6	4	1	.....
29	Diarrhea and enteritis	11	4	6	1	.....	6	6	.....	1	2	2	.....	.....	.....	.....	.....	.....	.....
30	Appendicitis	18	16	2	.....	.....	2	1	1	.....	.....	2	3	.....	.....	3	.....	.....	.....
31	Diseases of the liver and biliary passages	37	29	27	1	.....	.....	.....	.....	.....	1	6	3	6	17	10	.....	.....	.....
32	Other diseases of the digestive system	78	48	25	4	1	1	3	1	.....	4	6	5	9	18	14	13	5	.....
33	Nephritis	161	70	73	7	11	.....	.....	1	.....	1	4	12	7	25	39	39	23	3
34	Other diseases of the urinary and genital systems	37	26	9	1	1	.....	1	.....	.....	.....	1	.....	5	3	8	15	4	.....
35	Puerperal infection	4	.....	3	.....	1	.....	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....
36	Other diseases of pregnancy, childbirth, and the puerperium	14	.....	13	.....	1	.....	.....	.....	.....	6	6	1	1	.....	.....	.....	.....	.....
37	Diseases of the skin, cellular tissue, bones, and organs of movement	7	3	4	.....	.....	.....	.....	.....	.....	1	.....	1	1	2	1	.....	1	.....
38	Congenital malformations and debility, premature birth, and diseases peculiar to the first year of life	176	89	63	14	10	174	176	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Senility, old age	25	12	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	10	7	5	.....
40	Suicide	35	18	16	1	.....	.....	.....	.....	.....	7	6	6	4	8	2	2	.....	.....
41	Homicide	7	3	1	2	1	.....	.....	1	1	1	1	2	.....	.....	1	.....	.....	.....
42	Automobile accidents (all motor-driven road vehicles)	52	38	11	2	1	.....	2	3	2	2	4	8	4	2	12	7	6	.....
43	Other violent or accidental deaths (suicide, homicide, and automobile accidents excepted)	159	90	52	12	5	5	9	4	3	8	8	18	8	9	26	25	25	16
44	Causes of death ill-defined, unknown, or unspecified	9	3	5	1	.....	.....	1	.....	.....	.....	.....	.....	1	2	3	2	.....	.....

Estimated Population, 333,775.

Total Resident Deaths, 3,469.

Rate per 1,000 Population, 10.4.

TABULATION OF DEATHS IN ELIZABETH FOR 1943, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	All Deaths		White		Colored		Age Periods														
				Male	Female	Male	Female	Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 44	45 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and Over	Unknown
			ALL CAUSES	1218	661	499	33	25	77	80	6	5	12	44	53	50	75	226	299	255	95	18
1	Typhoid and paratyphoid fevers																					
2	Plague																					
3	Scarlet fever																					
4	Whooping cough																					
5	Diphtheria																					
6	Tuberculosis of the respiratory system	37	20	12	4	1						8	3	5	4	9	1	6	1			
7	All other forms of tuberculosis	1		1								1										
8	Malaria																					
9	Syphilis	7	1	2	3	1							1	1		2	3					
10	Influenza	6	3	3			1	1							1			1	3			
11	Smallpox																					
12	Measles																					
13	Typhus fever																					
14	Other infections or parasitic diseases	6	2	3	1				1				1	1		3						
15	Cancer and other malignant tumors	163	78	81	3	1				1	1	2	9	12	37	51	43	7				
16	Nonmalignant tumors or tumors of unspecified nature	7	2	5								1		1	1	1	1	2				
17	Chronic rheumatism and gout	3	1	2												1	1	1				
18	Diabetes mellitus	33	13	19		1							1	1	2	8	8	9	4			
19	Chronic or acute alcoholism	1	1										1									
20	Avitaminoses, other general diseases, diseases of the blood, and chronic poisonings	13	7	5	1				2					1	1	3	5	1				
21	Meningitis (nonmeningococcal) and diseases of the spinal cord	3	2	1					1								2					
22	Intracranial lesions of vascular origin	99	52	43	2	2						1	3	1	3	23	26	30	9	3		

TABULATION OF DEATHS IN WARREN COUNTY FOR 1943, ACCORDING TO THE ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

Abridged International List Number	CAUSE OF DEATH	All Deaths		White		Colored		Age Periods											Unknown			
				Male	Female	Male	Female	Under 1 year	Under 5 years	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 44	45 to 49	50 to 59	60 to 69		70 to 79	80 to 89	90 and Over
	ALL CAUSES	652	372	277	2	1	28	37	4	3	8	9	15	18	22	101	143	153	124	15	....
1	Typhoid and paratyphoid fevers																					
2	Plague																					
3	Scarlet fever	1		1						1												
4	Whooping cough	1	1																			
5	Diphtheria																					
6	Tuberculosis of the respiratory system	16	12	4							1		1	3	1	4	3	1	2			
7	All other forms of tuberculosis	2	1	1																		
8	Malaria																					
9	Syphilis	4	3		1								1	1	1	1		1				
10	Influenza	6	5	1			1	1					1			2	1		1			
11	Smallpox																					
12	Measles																					
13	Typhus fever																					
14	Other infectious or parasitic diseases	6	3	2		1	1	1				1	1	1	1		1					
15	Cancer and other malignant tumors	88	43	45					1				1	3	3	19	31	15	14	1		
16	Nonmalignant tumors or tumors of unspecified nature	2											1									
17	Chronic rheumatism and gout	2	1	1								1						1				
18	Diabetes mellitus	22	8	14												2	10	9	1			
19	Chronic or acute alcoholism	1		1											1							
20	Avitaminoses, other general diseases, diseases of the blood, and chronic poisonings	7	3	4			1	4		1									1			1
21	Meningitis (nonmeningococcal) and diseases of the spinal cord	2		2									1	1								
22	Intracranial lesions of vascular origin	56	27	29									1			8	11	21	13	2		

23	Other diseases of the nervous system and sense organs	4	3	1			1	2						1				
24	Diseases of the heart	226	124	101	1		1	1	1	1	4	3	6	34	44	66	58	7
25	Other diseases of the circulatory system	10	6	4												2	8	
26	Bronchitis	1	1															1
27	Pneumonia and bronchopneumonia	25	17	8			3	3				2	7	6	5	2		
28	Other diseases of the respiratory system	7	7				2	2					3	2				
29	Diarrhea and enteritis	5	4	1			2	3						2				
30	Appendicitis	2	1	1										1				
31	Diseases of the liver and biliary passages	5	2	3							2			1	1	1		
32	Other diseases of the digestive system	17	10	7			1	2					2	2	5	5	1	
33	Nephritis	55	35	20						1	1		1	7	12	19	12	2
34	Other diseases of the urinary and genital systems	8	6	2									1	1			5	1
35	Puerperal infection	1		1						1								
36	Other diseases of pregnancy, childbirth, and the puerperium	2		2						1	1							
37	Diseases of the skin, cellular tissue, bones, and organs of movement	1	1												1			
38	Congenital malformations and debility, premature birth, and diseases peculiar to the first year of life	15	8	7			15	15										
39	Senility, old age	3	2	1												1	2	
40	Suicide	8	5	3							2	1	1	2	2			
41	Homicide																	
42	Automobile accidents (all motor-driven road vehicles)	10	9	1			1	1	1	2	2	2			1	1		
43	Other violent or accidental deaths (suicide, homicide, and automobile accidents excepted)	30	23	7			2		1	1	1		2	2	6	7	3	5
44	Causes of death ill-defined, unknown, or unspecified	1	1									1						

Estimated Population, 48,587.

Total Resident Deaths, 652.

Rate per 1,000 Population, 13.4.

INDEX

275

Dysentery:	PAGE
Reported cases and deaths by counties	39, 41
Reported cases and deaths	38

E

Education:	
Negro Health	49
Activities	25, 113
Dental Health	63
Summer and winter courses	36
Education and Publicity—Dr. Schweikhardt, Advisory Member to	14
Election of Officers, Board of Examiners of Health Officers and Inspectors	15
Emergency Maternity and Infant Care Program	10, 19, 116
Encephalitis Lethargic:	
Reported cases and deaths	38, 157
Reported cases and deaths by counties	39, 41
Engineering—Mr. Booz and Mr. Daniels, Advisory Members to	14
Engineering and medical services re industrial hygiene	72
Engineering, Bureau of:	
Cases referred to Attorney-General	80-82
Change in Activities	82
Change in Bureau's title	82
Inspections	79, 80
Man-working days	80
Sewage, Mausoleum and Water Projects	79
Epidemic Cerebro-Spinal Meningitis:	
Reported cases by age groups and months	43
Reported cases and deaths by age groups and sex	44
Reported cases and deaths by counties	39, 41
Reported cases and deaths, with rates	38
Examination of samples of drugs, summary	89
Examinations re Board of Examiners of Health Officers and Inspectors..	15
Expenditures, statement of	20
Experimentation on Dogs	17

F

Federal Funds	10, 19, 22, 23
Fees:	
Food and Drugs	91
Dog Registration	75
Statement of	19

Fischelis, Robert P., Phar. D.:	PAGE
Advisory Member to Bureau of Chemistry: Bureau of Food and Drugs (Drugs)	14
Member of Committees—Budget, Organization and Salaries of Personnel, War Activities	13, 14
Reappointed to Board	13
 Food:	
Adulterations	85
Cold Storage	92-94
Condemned	89
Control	83
Food-vending establishments	35
Frozen foods	84
Meat inspections	89
Samples examined	83, 90, 91, 96, 107, 108
Sanitary inspections	92
Sanitation in wartime	10
 Food and Drugs:	
Dr. Fischelis—Advisory Member on Drugs	14
Laboratory table, character of samples examined	108
Mr. Bishop—Advisory Member on Milk	14
Samples examined	83, 90, 91, 96, 107, 108
Fort Dix re Regional Health Unit	33
 Funds:	
Appropriated to the Department	19
Statement of Expenditures	20-23
 G	
Gastro-Enteritis	29
 German Measles:	
Reported cases and deaths, with rates	38
Reported cases and deaths by counties	39, 41
Gonococci specimens examined	103
Gonorrhoea	57
Reported cases	62
Guinea pig inoculations	104
 H	
Hams, investigation of	84
 Health Education re:	
Negro Health Program	49
Dental Health	63
Service	25

INDEX

279

Milk:	PAGE
Collection of samples	91
Committee	14
Dairy farm and plant inspections	86
Misbranding	87
Mr. Bishop, Advisory Member on Milk	14
Samples analyzed	91, 108
Miscellaneous specimens examined	99
Monmouth Junior College, animal experimentation permit	17
Morbidity tables	38-48
 Mortality:	
Infant	10, 112, 136, 137-142
Maternal	10, 111, 136, 138, 139
Tables	38-48, 119
Mortality statistics	119-268
Mulcahy, John V., deceased	97
 Mumps:	
Reported cases and deaths	38
Reported cases and deaths by counties	39-41

N

Negro Health Program:	
Dr. Alexander, Advisory Member	14
Case-finding demonstration ^s	51
Chest X-ray surveys	51
Health education	49
National Award	9, 51
Nursing service	53
Summary of activities	53
Tuberculosis case-finding	51
Well baby demonstration clinics	52
Negroes, death rates of	163
Nephritis	157
Notices, engineering	81
Nurses salary assumed by communities	112
 Nursing:	
Committee	14
Services	53, 73, 114
Statistical summary of work	114

	PAGE
O	
Obstetrical care	116
Office and laboratory space, expansion of	11
Ophthalmia Neonatorum:	
Reported cases and deaths	38
Reported cases and deaths by counties	39, 41
Organization Committee	13
Osborne, Frank J.:	
Advisory Member to Bureau of Local Health Administration	14
Appointed Member of Board	13
Member of Committees—Industrial Hygiene, Milk, Tuberculosis, Advisory to proposed Preventable Disease Control Program	14
P	
Paratyphoid Fever:	
Reported cases and deaths	38
Reported cases and deaths by counties	39, 41
Penalties, Food and Drug	91
Pharmacies visited	90
Pneumonia	27
Cases treated with State serum	30
Reported cases by age groups and months	44
Reported cases and deaths by age groups and sex	44
Reported cases and deaths by counties	39, 41
Reported cases and deaths with rates	38
Poliomyelitis	27
Poliomyelitis, Acute Anterior:	
Reported cases by age groups and months	45
Reported cases and deaths by age groups and sex	45
Reported cases and deaths by counties	39, 41
Reported cases and deaths with rates	38
Population	121, 122
Pre-Marital Law	60
Pre-Marital blood tests	60, 98
Pre-Natal Law	60
Pre-Natal blood tests	61, 98
President of Board—James R. Carlisle, M.D., elected	13
Preventable Disease Control Program (proposed) Advisory Committee..	14
Private water supplies	36
Public health courses at Rutgers	36
Public Health News	25
Puerperal causes, deaths from	111

	PAGE
Appointments to:	
Committees	13
Membership on the Board	13
Advisory Members, serve as	14
Appropriations	19
Audiometer rentals	19, 114
Automobile fatalities	159, 160, 161

B

Baby Keep-Well Stations	112
Bacteriological examinations	97, 107

Baker, S. Josephine, M.D.:

Advisory Member to Bureau of Maternal and Child Health	14
Member of Committees—Dental, Tuberculosis	13, 14
Advisory to proposed Preventable Disease Control Program	14
Bills introduced in Legislature	17
Biologicals	30

Births:

By counties and municipalities	123
By months	123
Illegitimate	115, 121
Number and rates—1879-1943	121, 122

Bishop, Mr. John V.:

Advisory Member to Bureau of Food and Drugs, Member of Committees—Legislative, Dental, Milk	13, 14
--	--------

Blood Tests:

Industrial employees	61
Marriage license applicants	98
Migrant Workers	61
Pre-Natal	61, 98
Pre-Marital	60, 98
Selectees and Inductees	58
Syphilis	60, 98
Board of Examiners of Health Officers and Inspectors	15

Booz, Louis P., C.E.:

Advisory Member to Bureau of Engineering, Sanitary Shellfish Control	14
Member of Committees—Legislative, Organization and Salaries of Personnel, Milk, Industrial Hygiene	13, 14
Elected Vice-President of Board	13

INDEX

273

	PAGE
Bristol, Leverett D., M.D.:	
Elected Director of Health	13
Broadcasts	25
Budget Committee	13

C

Camps	35
Camp Kilmer	35
Cancer	151
Average annual rates 1880-1939	153
Death by color	156
Death by organ affected, age group and sex	154, 156

Carlisle, James R., M.D.:	
Advisory Member to Industrial Hygiene	14
Elected President	13
Case finding	51
Charts and Tables, vital statistics, list of	119
Chemical examinations	107

Chickenpox:

Reported cases and deaths, case and death rates	38
Reported cases and deaths by counties	39, 41
Classes conducted by Maternal and Child Health Nurses	113
Cold storage	92
Cold storage warehouses	94

Collier, Martin H., M.D.:

Member of Committees—Dental, Legislative, Tuberculosis, War Activities, Advisory to proposed Preventable Disease Control Program	14
--	----

Colored Races:

Infant and Maternal Mortality	136
Tuberculosis	151

Committees:

Advisory, Budget, Dental, Industrial Hygiene, Legislative, Milk, Nursing, Organization and Salaries of Personnel, Tuberculosis, War Activities	13-14
--	-------

Communicable diseases:

On dairies	29
Reportable	27
Reported cases and deaths	38-48
Investigations of	29
Communities paying portion of nurses' salaries	112

	PAGE
Conference of State and Local Health Officials, 34th Annual Report	15
Cream, milk products, samples of	91, 108
Culture Media and mailing outfits	106
D	
Dairies, communicable diseases on	29
Dairy farm and milk plant inspection	86
Daniels, Percy N., C.E. :	
Advisory Member to Bureau of Engineering	14
Member of Committees—Budget, Industrial Hygiene, Milk, Organiza- tion and Salaries of Personnel, War Activities	13, 14
Deaths	121, 122, 123, 134, 164, 166, 176, 178, 202
Deaths by counties and cities	123, 178, 202
Deaths by municipalities	123, 178, 202
Deaths of infants	123, 137, 138, 139, 140
Death rates	122, 163, 202
Death rates, white and colored	163
Dental Committee	14
Dental Health :	
Activities	9, 63, 70
Committee	14
Consultive service	64
Educational service and programs	64, 66
Surveys	66
Treatment programs	68
Diphtheria	127, 148, 150
Reported cases by age groups and months	43
Reported cases and deaths by age groups and sex	43
Reported cases and deaths by counties	39, 41
Reported cases and deaths with rates	38
Director of Health, Report of	7
Disease restriction	8
Dogs :	
Licenses	75
Rabid	75
Registration fees	19
Seizure and impounding	76
Drugs :	
Dr. Fischelis—Advisory Member to Bureau of Food and Drugs	14
Luncheonette inspections	87
Samples examined	90

INDEX

275

Dysentery :	PAGE
Reported cases and deaths by counties	39, 41
Reported cases and deaths	38

E

Education :	
Negro Health	49
Activities	25, 113
Dental Health	63
Summer and winter courses	36
Education and Publicity—Dr. Schweikhardt, Advisory Member to	14
Election of Officers, Board of Examiners of Health Officers and Inspectors	15
Emergency Maternity and Infant Care Program	10, 19, 116

Encephalitis Lethargic :

Reported cases and deaths	38, 157
Reported cases and deaths by counties	39, 41
Engineering—Mr. Booz and Mr. Daniels, Advisory Members to	14
Engineering and medical services re industrial hygiene	72

Engineering, Bureau of :

Cases referred to Attorney-General	80-82
Change in Activities	82
Change in Bureau's title	82
Inspections	79, 80
Man-working days	80
Sewage, Mausoleum and Water Projects	79

Epidemic Cerebro-Spinal Meningitis :

Reported cases by age groups and months	43
Reported cases and deaths by age groups and sex	44
Reported cases and deaths by counties	39, 41
Reported cases and deaths, with rates	38
Examination of samples of drugs, summary	89
Examinations re Board of Examiners of Health Officers and Inspectors..	15
Expenditures, statement of	20
Experimentation on Dogs	17

F

Federal Funds	10, 19, 22, 23
---------------------	----------------

Fees :

Food and Drugs	91
Dog Registration	75
Statement of	19

Fischelis, Robert P., Phar. D.:	PAGE
Advisory Member to Bureau of Chemistry: Bureau of Food and Drugs (Drugs)	14
Member of Committees—Budget, Organization and Salaries of Personnel, War Activities	13, 14
Reappointed to Board	13

Food:

Adulterations	85
Cold Storage	92-94
Condemned	89
Control	83
Food-vending establishments	35
Frozen foods	84
Meat inspections	89
Samples examined	83, 90, 91, 96, 107, 108
Sanitary inspections	92
Sanitation in wartime	10

Food and Drugs:

Dr. Fischelis—Advisory Member on Drugs	14
Laboratory table, character of samples examined	108
Mr. Bishop—Advisory Member on Milk	14
Samples examined	83, 90, 91, 96, 107, 108

Fort Dix re Regional Health Unit	33
--	----

Funds:

Appropriated to the Department	19
Statement of Expenditures	20-23

G

Gastro-Enteritis	29
------------------------	----

German Measles:

Reported cases and deaths, with rates	38
Reported cases and deaths by counties	39, 41
Gonococci specimens examined	103
Gonorrhoea	57
Reported cases	62
Guinea pig inoculations	104

H

Hams, investigation of	84
------------------------------	----

Health Education re:

Negro Health Program	49
Dental Health	63
Service	25

INDEX

277

Health Officers :	PAGE
Licenses issued	15
Members of Board of Examiners of	15
Training at Rutgers	36
Hamburg, excessive fat in	83
Hotel kitchen inspection	86

I

Inductees re venereal diseases	57
Induction Boards re Tuberculosis	31

Industrial Hygiene:

Activities	9, 71, 73
Carlisle, J. M., M.D., Advisory Member to Bureau	14
Committee	14
Engineering and medical services	72
Name changed to Bureau of Industrial Health	74
Nursing services	73
State's Industry, Coverage of	71
Surveys	74
Tuberculosis Control	74
X-ray Surveys	74
Industrial programs re venereal diseases	61
Infant Mortality	112, 136-142
Influenza	27
Reported cases and deaths, with rates	38
Reported cases and deaths by counties	39, 41

K

Kahn tests, number of	98
Kline tests, number of	98

L

Laboratories:

Blood tests made in	98
F. & D. samples examined in	108
Specimens examined in	99
Legislation	17
Legislative Committee	13

Lethargic Encephalitis:

Reported cases and deaths	38
Reported cases and deaths by counties	39, 41

Licenses:	PAGE
Board of Examiners of Health Officers and Inspectors	15
Dogs	75
Maternity homes	115
Statement of Revenue—Cold Storage, Goat Milk, Ice Cream, Milk Plant, Narcotics, Sewage and Water Plant Operators	19
Local Boards of Health	37
Local Health Administration—Mr. Osborne, Advisory Member	14
Luncheonettes, inspection of	85

M

MacNaughton, Miss Margaret L.:

Advisory Member to Bureau of Maternal and Child Health	14
Member of Committees—Budget, Nursing, Organization and Salaries of Personnel	13-14
Mahaffey, J. Lynn, M.D., elected Director of Health	13
Mailing cases	105
Malaria	28, 145
Reported cases and deaths	38
Reported cases and deaths by counties	39, 41
Margaret Hague Maternity Hospital, animal experimentation permit	17
Marriage by municipalities	123
Marriage rates	121, 122

Maternal and Child Health:

Activities	111-113
Advisory Members to Bureau of	14
Emergency Maternal and Infant Care Program	10
Maternal Mortality	111, 136, 138, 139
Maternity homes	115
Mausoleum projects	79
Measles	27, 145, 146
Reported cases and deaths by counties	39, 41
Reported cases and deaths, with rates	38

Measles, German:

Reported cases and deaths, by counties	39, 41
Reported cases and deaths, with rates	38
Meats, inspections of	89
Meningitis Epidemic Cerebro-Spinal	27
Reported cases by age groups and months	43
Reported cases and deaths by age groups and sex	44
Reported cases and deaths by counties	39, 41
Reported cases and deaths with rates	38
Midwifery	115
Migratory labor	35

INDEX

279

Milk:	PAGE
Collection of samples	91
Committee	14
Dairy farm and plant inspections	86
Misbranding	87
Mr. Bishop, Advisory Member on Milk	14
Samples analyzed	91, 108
Miscellaneous specimens examined	99
Monmouth Junior College, animal experimentation permit	17
Morbidity tables	38-48
Mortality:	
Infant	10, 112, 136, 137-142
Maternal	10, 111, 136, 138, 139
Tables	38-48, 119
Mortality statistics	119-268
Mulcahy, John V., deceased	97
Mumps:	
Reported cases and deaths	38
Reported cases and deaths by counties	39-41
N	
Negro Health Program:	
Dr. Alexander, Advisory Member	14
Case-finding demonstrations	51
Chest X-ray surveys	51
Health education	49
National Award	9, 51
Nursing service	53
Summary of activities	53
Tuberculosis case-finding	51
Well baby demonstration clinics	52
Negroes, death rates of	163
Nephritis	157
Notices, engineering	81
Nurses salary assumed by communities	112
Nursing:	
Committee	14
Services	53, 73, 114
Statistical summary of work	114

	PAGE
O	
Obstetrical care	116
Office and laboratory space, expansion of	11
Ophthalmia Neonatorum:	
Reported cases and deaths	38
Reported cases and deaths by counties	39, 41
Organization Committee	13
Osborne, Frank J.:	
Advisory Member to Bureau of Local Health Administration	14
Appointed Member of Board	13
Member of Committees—Industrial Hygiene, Milk, Tuberculosis, Advisory to proposed Preventable Disease Control Program	14
P	
Paratyphoid Fever:	
Reported cases and deaths	38
Reported cases and deaths by counties	39, 41
Penalties, Food and Drug	91
Pharmacies visited	90
Pneumonia	27
Cases treated with State serum	30
Reported cases by age groups and months	44
Reported cases and deaths by age groups and sex	44
Reported cases and deaths by counties	39, 41
Reported cases and deaths with rates	38
Poliomyelitis	27
Poliomyelitis, Acute Anterior:	
Reported cases by age groups and months	45
Reported cases and deaths by age groups and sex	45
Reported cases and deaths by counties	39, 41
Reported cases and deaths with rates	38
Population	121, 122
Pre-Marital Law	60
Pre-Marital blood tests	60, 98
Pre-Natal Law	60
Pre-Natal blood tests	61, 98
President of Board—James R. Carlisle, M.D., elected	13
Preventable Disease Control Program (proposed) Advisory Committee..	14
Private water supplies	36
Public health courses at Rutgers	36
Public Health News	25
Puerperal causes, deaths from	111
Q	
Quarantine for rabies	75

INDEX

281

R		PAGE
Rabies		75
Animals examined		100
Cases		75
Court cases		76
Dog pounds		76
Quarantine		75
Revenue		75
Reported cases and deaths		38
Reported cases and deaths by counties		40, 42
Species of animals		100
Survey		77
Rabies Control Unit—Dr. Smillie, Advisory Member		14
Reportable diseases		27
Report of Director		7
Resolutions, Engineering		81
Restaurant inspection		85
Revenue, statement of		19
Rocky Mountain Spotted Fever		28
Reported cases and deaths by counties		40, 42
Reported cases and deaths with rates		38
Rutgers University training courses		36

S

Samples examined		108, 109
Samples examined, Food and Drugs		91, 107, 108
Samples of Milk, Cream, Foods, Drugs, collected for analysis		91
Sanitary Inspectors licenses issued		15
Sanitary Shellfish Control		95
Sanitary Shellfish Control—Mr. Booz, Advisory Member		14
Sanitation courses at Rutgers		36
Scarlet Fever		145, 147
Reported cases by age groups and months		45
Reported cases and deaths by age groups and sex		46
Reported cases and deaths by counties		40, 42
Reported cases and deaths with rates		38
Schweikhardt, Clarence J., D.D.S.:		
Advisory Member to Education and Publicity		14
Member of Committees—Legislative, Dental, War Activities		13, 14
Sewage and Water projects examined and approved		79
Sewage and Water samples analyzed		109
Sewage treatment plant investigations		80
Shellfish Control		95
Slaughterhouses		88
Smallpox		145
Reported cases and deaths		38
Reported cases and deaths by counties		40, 42

	PAGE
Smillie, E. W., V.M.D. :	
Member of Committees—Budget, Organization and Salaries of	
Personnel, Milk, Industrial Hygiene	13, 14
Advisory Member of Rabies Control Unit	14
Social Hygiene Education	62
Social Security Act Funds	19
Specimens examined	97
Diphtheria Bacilli	101
Gonococci	103
Miscellaneous	99, 103
Rabies	100
Syphilis	98, 104
Tubercle Bacilli	101
Typhoid Bacilli	102
Typhoid Fever	102
Statement of Expenditures :	
Federal Funds	22, 23
State Funds	20, 21
State and Federal Funds	23
Statement of Revenue	19
Statistical Tables	119
Stillbirths	121, 138, 139
Stream inspection	80
Streptococcic Sore Throat, reported cases and deaths by counties	40, 42
Suicide	157, 158
Syphilis :	
Blood tests	60, 98
Case-finding	59
Diagnostic procedures	60
Industrial Programs	61
Migrant workers	61
Military Program	57
Penicillin for treatment	57
Reported cases, table	62
Social hygiene education	62
Treatment	57, 59
T	
Tables, communicable diseases	38-48
Tables re venereal disease	62
Tables, vital statistics	119
Tetanus :	
Reported cases and deaths	38
Reported cases and deaths by counties	40, 42
Toxoid	30
Trachoma, reported cases and deaths	38

INDEX

283

	PAGE
Training courses	36
Trichinosis	28
Reported cases and deaths	38
Reported cases and deaths by counties	40, 42
Tuberculosis	27, 31, 151, 152
Follow-up examinations	32, 33, 34
Industrial plants	32, 74
Reported cases by age groups and months	46
Reported cases and deaths by age groups and sex	46
Reported cases and deaths by counties	40, 42
Reported cases and deaths with rates	38
Tuberculosis Committee	14
Tuberculosis Control Program	8, 55
Tularemia	28
Reported cases and deaths	38
Reported cases and deaths by counties	40, 42
Typhoid carriers	30
Typhoid Fever	27, 142, 143, 144
Reported cases by age groups and months	47
Reported cases by age groups and sex	47
Reported cases and deaths by counties	40, 42
Reported cases and deaths with rates	38
Typhus Fever:	
Reported cases and deaths	38
Reported cases and deaths by counties	40, 42
U	
Undulant Fever	28
Reported cases and deaths	38
Reported cases and deaths by counties	40, 42
V	
Vaccine	30
Venereal disease	8, 57
Aid in Control	31
Cases reported	62
Contact Finding	59
Diagnostic Procedures	60
Education	62
Industrial Program	61
Military Program	57
Selectees and Inductees	57
Supply of Penicillin	57
Treatment	59
Vice-President of Board, Louis P. Booz, C.E., elected	13
Vital Certificates—Statement of Revenue	19
Vital records	10
Vital Statistics tables	119

INDEX

	PAGE
W	
War Activities Committee	14
Wassermann tests	98
Water and sewage projects examined and approved	79
Water and sewage samples analyzed	109
Water supplies, private	36
Whooping Cough	27, 148, 149
Reported cases by age groups and months	47
Reported cases and deaths by age groups and sex	48
Reported cases and deaths by counties	40, 42
Reported cases and deaths with rates	38
X	
X-ray examinations	32, 34, 55
Chest surveys	51, 74

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