

MAINE STATE LEGISLATURE

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PUBLIC DOCUMENTS

OF THE

STATE OF MAINE

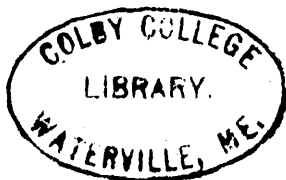
BEING THE

REPORTS

OF THE VARIOUS

PUBLIC OFFICERS
DEPARTMENTS AND
INSTITUTIONS

FOR THE YEAR 1919



THIRD ANNUAL REPORT
OF THE
State Department of Health
OF
MAINE
AND THE
Twenty-Eighth Annual Report
UPON THE
Births, Marriages, Divorces
and Deaths
FOR THE YEAR ENDING DECEMBER 31, 1919.



Leverett D. Bristol, M.D., Dr. P. H., Commissioner,
Augusta.

ORGANIZATION OF THE MAINE STATE DEPARTMENT
OF HEALTH.

At end of the year 1919.

Commissioner, LEVERETT DALE BRISTOL, *M.D., Dr. P.H.*

PUBLIC HEALTH COUNCIL.

S. J. BEACH, M.D. Augusta
J. Q. GULNAC Bangor
HIRAM W. RICKER South Poland
R. D. SMALL, M.D. Portland
L. D. BRISTOL, M.D., Chairman Augusta

DIVISION DIRECTORS AND STAFFS.

DIVISION OF ADMINISTRATION.

L. D. BRISTOL, M.D., Dr. P.H. Commissioner
BEATRICE E. YOUNG Chief Clerk
HENRIETTA F. BURNS Clerk and Stenographer
LUCINA A. BONEAU Clerk and Stenographer

DIVISION OF COMMUNICABLE DISEASES.

A. G. YOUNG, M.D. Director and Epidemiologist

DIVISION OF VENEREAL DISEASES.

H. E. HITCHCOCK, M.D. Director
LOTTIE G. DINGLEY Assistant
LENA M. GREGORY Assistant

DIVISION OF DIAGNOSTIC LABORATORIES.

H. E. THOMPSON, M.D. Director and Pathologist
RUTH B. PATTEN, B.S. Bacteriologist
DOUGLAS CUSHING Technician
MABEL R. CUSHING Technician

DIVISION OF SANITARY ENGINEERING.

H. D. EVANS, M.A. Director and Chemist
KATHARINE Q. HOLWAY, B.S. Assistant
PHILIP C. MCGOULDRIK Summer Assistant

DIVISION OF PUBLIC HEALTH EDUCATION AND PUBLICITY.

IONE F. WINANS, A.B.Director
GERTRUDE M. CARVERAssistant

DIVISION OF HOTEL INSPECTION.

A. S. DEAN, B.A.Hotel Inspector

DIVISION OF VITAL STATISTICS.

L. D. BRISTOL, M.D., Dr. P.H.State Registrar
FLORENCE S. CHOATEDivision Director
GEORGIA E. JACKSONAssistant
EMILY G. DOHERTYAssistant
ESTHER M. SCHWARTZAssistant

STATE DISTRICT HEALTH OFFICERS.

District I C. F. KENDALL, M.D.Biddeford
District II E. P. GOODRICH, M.D.Lewiston
District III J. W. LOUGHLIN, M.D.Damariscotta
District IV A. S. POPE, C. P. H.Waterville
District V H. D. WORTH, M.D.Bangor
District VI A. L. SMITH, M.D.Machias
District VII J. F. STEVENS, M.D.Millinocket
District VIII G. H. HUTCHINS, M.D.Presque Isle

STATE DEPARTMENT OF HEALTH OF MAINE.

OFFICE OF THE COMMISSIONER OF HEALTH,

AUGUSTA, MAINE, Oct. 9, 1920.

To His Excellency, Carl E. Milliken, Governor, and the Honorable Executive Council:

GENTLEMEN:—

The Public Health Council of the State of Maine has the honor of submitting to you the Third Annual Report of the State Department of Health, together with the twenty-eighth annual report upon the Births, Marriages, Divorces and Deaths for the year ending December 31, 1919.

Respectfully,

L. D. BRISTOL, M.D., Dr. P. H.,

*Commissioner of Health and Chairman Public Health Council;
State Registrar of Vital Statistics.*

Third Annual Report
OF THE
State Department of Health
OF MAINE

REPORT OF THE PUBLIC HEALTH COUNCIL.

In accordance with section 3, Chapter 197, Laws of 1917, the Commissioner of Health submitted to the Public Health Council on October 9, 1920, his report on the work of the State Department of Health for the year ending December 31, 1919.

Complying with Section 4, Chapter 197, Laws of 1917, it was voted at a regular meeting of the Public Health Council held on October 9, 1920, that the report of the Commissioner be approved and adopted as the third annual report of the Public Health Council. It was further voted that this report should include the twenty-eighth annual report upon the Births, Marriages, Divorces, and Deaths for the year ending December 31, 1919, and that these should be published together under the same cover.

During the year 1919, monthly meetings of the Public Health Council were held on the following dates: January 29, March 14, April 22, May 29, July 3, September 30, November 25, December 31.

Recorded minutes of the above meetings are on file in the office of the Commissioner of Health.

PERSONNEL OF THE PUBLIC HEALTH COUNCIL.

<i>Name</i>	<i>Address</i>	<i>Term expires</i>	<i>Remarks</i>
L. D. Bristol, M.D., Dr. P. H., Commis- sioner and Chairman	Augusta	July 16, 1923	
S. J. Beach, M.D.	Augusta	May 1, 1921	
R. J. Aley, Ph.D.,	Orono	May 1 1920	Resigned.
Hiram W. Ricker	So. Poland	May 1, 1923	
R. D. Small, M.D.,	Portland	May 1, 1922	
J. Q. Gulnae,	Bangor	May 1, 1924	

REPORT OF THE COMMISSIONER OF HEALTH.

CREATION OF DEPARTMENT.

The State Department of Health of Maine was created in 1917 by an act passed by the Seventy-eighth Legislature of the State of Maine, and approved April 6, 1917. Three months after the latter date the former State Board of Health went out of existence and the new Department of Health began its official duties on July 7, 1917. Following is a copy of the act creating the Department:

STATE DEPARTMENT OF HEALTH.

Chapter 197, Laws of 1917. SEC. 1. There is hereby created a state department of health which shall exercise all the powers and perform the duties now conferred and imposed by law upon the state board of health. The state department of health shall consist of a commissioner of health and a public health council. There shall also be directors of divisions, district health officers, and other employees as hereinafter provided.

SEC. 2. The headquarters of the department shall be at Augusta and suitable rooms for offices and laboratories shall be provided by the State for the use of the department. The department shall furnish its own supplies and equipment out of the fund hereinafter provided for its use.

SEC. 3. The commissioner of health shall be appointed by the governor with the advice and consent of the council and he shall be a physician skilled in sanitary science and experienced in public health administration. The term of office of the commissioner of health shall be six years and he shall devote his entire time to his official duties. The Commissioner of health shall be the administrative head of the state department of health and his powers and duties shall be to administer the laws relative to health and sanitation and the regulations of the department; to prepare rules and regulations for the consideration of the public health council; and with the advice of the public

health council to appoint and remove directors of divisions, district health officers, inspectors and other necessary employees and to fix their compensation within the limitations of the appropriation therefor. The commissioner of health shall submit annually to the public health council a report containing recommendations in regard to health legislation; and he shall perform all executive duties now required by law of the state board of health and such other duties as are incident to his position as chief executive officer. He may direct any executive officer or employee of the state department of health to assist in the study, suppression or prevention of disease in any part of the State. The commissioner of health may be removed by the governor with the advice and consent of the council for cause shown at a hearing.

SEC. 4. The public health council shall consist of the commissioner of health and four other members hereinafter called the appointive members, at least two of whom shall be physicians and who shall be appointed by the governor with the advice and consent of the council. Of the members first appointed one shall hold office until the first day of May in the year nineteen hundred eighteen, one until the first day of May in the year nineteen hundred nineteen, one until the first day of May in the year nineteen hundred twenty, and one until the first day of May in the year nineteen hundred twenty-one, and the terms of office of the said members thereafter appointed except to fill vacancies shall be four years. Vacancies shall be filled by appointment of the governor with the advice and consent of the council for the unexpired term. The public health council shall meet at least once in each month and at such other times as they shall determine by their rules, or upon the request of any three members, or upon request of the commissioner of health. It shall be the duty of the public health council to make and promulgate rules and regulations in furtherance of the public health law; to consider plans and appointments required by law; to submit annually to the legislature through the governor a report, including recommendations as to needed health legislation; and to discharge other duties required by law, but it shall have no administrative or executive functions.

SEC. 5. There shall be in the state department of health

such divisions as the commissioner of health may, with the approval of the public health council, from time to time determine. The commissioner of health shall appoint and may remove, with the advice of the public health council a director to take charge of each division and shall prescribe the duties of such directors of divisions.

SEC. 6. The commissioner of health, with the advice of the public health council, shall from time to time, divide the State into three or more health districts and shall appoint and may remove district health officers for each district. The district officers shall not be engaged in any other occupation and shall give their entire time to the performance of their duties. The commissioner of health may order two or more of said district health officers to work in one district in order to study, suppress or prevent disease. Each district health officer shall, under the direction of the commissioner of health, perform such duties as may be prescribed by the commissioner of health and shall act as the representative of the commissioner of health and under his direction shall secure the enforcement within his district of the public health laws and regulations. Said district health officers shall be graduates of an incorporated medical school and admitted to practice medicine in this state, or shall have been certified in public health by a reputable institution of collegiate grade.

SEC. 7. The commissioner of health shall receive an annual salary of four thousand dollars. The appointive members of the public health council shall receive five dollars per day while in conference and their necessary traveling expenses while in the performance of their official duties. The compensation of directors of divisions and of the district health officers shall be fixed by the commissioner of health, and shall not exceed twenty-five hundred dollars per year.

SEC. 8. The sum of thirty thousand dollars shall be annually appropriated for the purposes of the state department of health.

SEC. 9. Nothing in this act shall be construed to empower or authorize the state department of health or its representative to interfere in any manner with the individual's right to select the physician or mode of treatment of his choice, provided that sanitary laws, rules and regulations are complied with.

SEC. 10. Amendment of 1919 by the addition of sections 10 to 18. (Chap. 172, Laws of 1919.) Every city, town and organized plantation shall employ an official who shall be known as the local health officer and who shall be appointed by the officers of the municipality subject to the approval of the state Commissioner of health. Upon the failure to fill said office as hereinbefore stated within thirty days after a vacancy occurs therein the state commissioner of health may appoint said official. The local health officer shall be ex-officio a member and the executive officer of the local board of health, or at the option of the municipal officers, may take the place of the local board of health. He may be employed to devote a part or all of his time to the performance of the duties of his office. If employed to give his entire time and if he possesses the qualifications of a district health officer as stated in section six hereof, or is approved by the state health commissioner on the basis of experience in public health administration, the State department of health is authorized and directed to pay from money appropriated to said department of health for said purpose one-third of the total salary of said official, not to exceed eight hundred dollars a year, payment to be made directly by the State to said local health officer.

SEC. 11. Subject to the approval of the State health commissioner, several adjoining towns, cities, or organized plantations may unite in employing the same local health officer who shall possess the qualifications of a district health officer as stated in section six hereof, or is approved by the state health commissioner on the basis of experience in public health administration, shall devote his entire time to the performance of his duties and shall receive one-third of his salary, not to exceed eight hundred dollars a year, from the state.

SEC. 12. Said local health officers shall assist in the reporting, prevention and suppression of diseases and all conditions dangerous to health, and shall be subject to the supervision and direction of the state department of health.

SEC. 13. The powers vested in local boards of health by authority of section forty-five of chapter nineteen of the revised statutes shall be exercised under the control and direction of the State department of health.

SEC. 14. The state department of health shall from time to time make and publish such orders and regulations as they shall think necessary and proper for the protection of life and health, and the successful operation of the health laws of this State, which said orders and regulations shall be published in such manner as said department of health directs. In case of emergency or threatened epidemic of disease which may affect more than one city, town, or plantation, the State department of health, if it shall appear to them necessary and proper for the protection of life and health, may make such further orders and regulations as in their opinion the public exigency may require.

SEC. 15. Whoever violates any provision of the preceding sections, or any order or regulations made thereunder, shall be punished by a fine of not less than ten nor more than one hundred dollars for each offense. Municipal and police courts and trial justices shall have jurisdiction of all offenses under this act.

SEC. 16. The sum of thirty thousand dollars shall be appropriated annually to the State department of health for the purpose of carrying out the provisions of sections six, ten, eleven, twelve and thirteen.

SEC. 17. All acts and parts of acts inconsistent herewith are hereby repealed, but it is expressly provided that all penalties now provided by law for the violation of the public health laws and regulations shall continue in force.

SEC. 18. Section two of this act shall take effect January first, nineteen hundred and twenty.

(Section 2 of this chapter 172 of 1919 includes sections 10 to 18.)

ORGANIZATION OF THE DEPARTMENT.

The names of the officers and clerks who were associated with the Department during the year 1919 are given on the second page of this report.

In addition to the Commissioner and Public Health Council, the Department was made up of eight divisions and three Health districts, as follows: Division of Administration; Division of Communicable Diseases; Division of Sanitary Engineering; Division of Diagnostic Laboratories; Division of Public Health Edu-

ation; Division of Venereal Diseases; Division of Vital Statistics; Division of Hotel Inspection. The Northern Health District; the Southeastern Health District; The Southwestern Health District.

CHANGES IN PERSONNEL.

During the year 1919 several changes took place in the personnel of the Department.

Early in the year, President R. J. Aley of the University of Maine, who had served as a member of the Public Health Council since the creation of the Department in 1917, found it necessary to resign on account of the press of other duties. On account of his broad outlook on public health work in general, and his wise and kindly advice on all matters pertaining to the Department's welfare, his resignation was the cause for sincere regret.

A wise choice was made in the appointment by Governor Milliken of Mr. J. Q. Gulnac of Bangor to fill the vacancy in the Public Health Council caused by President Aley's resignation.

Mr. A. P. Pratt, District Health Officer for the Southwestern District, who resigned in 1918 to go into war service was reappointed to his former position in March, 1919. On account of his desire to take further post-graduate studies at Harvard University he decided to tender his resignation a second time in September 1919, and until the end of the year the Southwestern Health District was without the services of a District Health Officer.

Miss Mary Creighton, who had served faithfully and efficiently for a year as Division Director of Vital Statistics, resigned her position and was succeeded in September by Miss Florence Choate, a former assistant in this Division.

The Division of Sanitary Engineering experienced a complete change in personnel during the year.

Mr. Henry D. Evans, Director of this Division, and for many years the successful Director of the former Hygienic Laboratory, resigned his position in December to accept an attractive offer in Industrial Chemistry in Lewiston. To fill this position Mr.

Philip C. McGouldrick, a former summer assistant under Mr. Evans, was chosen Acting Director.

Miss Louise L. Doherty, an assistant in the Water Laboratory of the Division of Sanitary Engineering resigned her position in November to take up further studies in Boston. Miss Katherine Q. Holway, of Augusta, was appointed to fill the vacancy.

Since the resignation in 1918 of Mr. William H. Greenleaf, no available and properly qualified person was found to fill the position of Director of the Division of Public Health Education and Publicity. In the appointment of Mrs. Ione Fales Winans to the Directorship of this Division on December 1, 1919, the Department fortunately obtained the services of a Maine woman who has had considerable experience in publicity and newspaper work, and much progress in this branch of the Department's work is looked forward to with confidence.

In July 1919, the Commissioner, Dr. L. D. Bristol tendered his resignation to Governor Milliken in order to consider an election as Dean of the Medical Department, and Professor of Public Health, in the State University of Tennessee. After careful consideration and a short leave of absence granted by the Governor and Executive Council, Dr. Bristol decided to continue his work in Maine.

In addition to the above changes, a few of the clerical assistants and stenographers severed their relations with the Department; properly qualified persons being chosen to fill such vacancies as noted in the summary of personnel on the second page of this report.

DIVISION OF ADMINISTRATION.

The chief work of the Division of Administration is to administer the Public Health Laws of the State, and the rules and regulations of the Department; to prepare rules and regulations for the consideration of the Public Health Council; to organize and have a supervisory interest over the work of the other divisions of the Department of Health. In addition to this a large amount of routine office work and correspondence, including the keeping of financial accounts and the ordering of supplies and equipment, is necessary.

An important function of this division is the distribution of biological products, through the H. K. Mulford Company with which the Department has a contract, and the direct sale at cost of Arsphenamine and Gonococcus vaccine.

The Commissioner's report as a whole, indicates the activities of this division.

DIVISION OF COMMUNICABLE DISEASES.

The Division of Communicable Diseases has, as its first duty, at present, the study of epidemics and individual cases of the so-called infectious and contagious diseases; it also co-operates with local boards of health in the diagnosis and control of such diseases.

In addition to the above, probably the most important function of this division in the future will be the recording of notifiable diseases, and the stimulation of physicians and local boards of health to the prompt, full, and accurate reporting of such communicable diseases.

For details of the work of this division, see supplement.

DIVISION OF DIAGNOSTIC LABORATORIES.

The Division of Diagnostic Laboratories makes free examinations of specimens for Tuberculosis, Diphtheria, Typhoid Fever, Syphilis, Gonorrhoea, Meningitis, Infantile Paralysis, Rabies, Cancer, etc. Special examinations of milk, urine, feces, stomach contents, etc., are made for special fees.

Typhoid prophylactic or "vaccine" is made and distributed free of charge, and the Pasteur "treatment" or prophylactic is administered free of charge to citizens of the State. So-called autogenous "vaccines" are made on special request for small fees.

Such biologic products as Diphtheria Antitoxin, Tetanus Antitoxin, Smallpox vaccine virus, gonococcus vaccine, etc., are distributed under the direction of the State Department of Health at cost. Arsphenamine (Salvarsan or 606) for the treatment of Syphilis is also furnished at cost.

For details of the work of this division see supplement.

DIVISION OF SANITARY ENGINEERING.

The Division of Sanitary Engineering, at the present time, has, as its chief duties, the chemical and bacteriological examination of water and sewage from public and private sources. In addition to this the division co-operates with cities, towns, or individuals in the field investigation of problems relating to water supplies and sewage disposal.

Chemical examinations of milk are made for the State Department of Agriculture.

For details of the work of this division see supplement.

DIVISION OF PUBLIC HEALTH EDUCATION.

One of the most important divisions of the Department is that of Public Health Education. Through the agency of the press, special bulletins, lectures, lantern demonstrations, exhibits, personal correspondence, etc., the people of the State are told how disease may be prevented and health conserved.

For details of the work of this division see supplement.

DIVISION OF VENEREAL DISEASES.

The activities of this division are based on the plans of the Surgeons-General of the Army, Navy and Public Health Service of the United States for the study and control of such diseases in the State of Maine. This work is financed by a special state appropriation and an allotment of money from the Federal Government.

The Director of the Division is clothed with Federal authority, through an appointment as acting assistant Surgeon in the United States Public Health Service. Special rules and regulations for the control of these diseases in Maine were adopted by the Public Health Council.

For details of the work of this division see supplement.

DIVISION OF VITAL STATISTICS.

The Division of Vital Statistics, has to do with the recording of Births, Deaths, Marriages and Divorces. The State of Maine is at present in the United States Registration Areas for Births

and Deaths, which indicates that the United States Census Bureau has found that over 90% of births and deaths in Maine are being properly reported.

For details of the work of this division, as well as the twenty-eighth annual report on Vital Statistics, see supplement.

PUBLIC HEALTH NURSING AND CHILD HYGIENE.

The organization of the Department along modern lines is fairly well perfected with the exception of adequate provision for the development of Public Health Nursing and Child Hygiene. Realizing that on account of lack of funds it probably would be impossible to immediately establish this work under two separate divisions of the department, plans are being developed for the creation of one division to carry on these important lines of work in Maine. It is hoped that this division of Public Health Nursing and Child Hygiene may be established early in 1920. As a preliminary step the Commissioner has had one or two conferences with Red Cross representatives, relative to the possible co-operation of the Red Cross in this important program.

DIVISION OF HOTEL INSPECTION.

The activities of this division are carried on during the summer months and up to the present time have had to do chiefly with summer hotels. It is planned to place this work on a full-time basis in the near future, and to extend the inspections to include all hotels.

For details of the work of this division during the summer of 1919 see supplement.

STATE DISTRICT HEALTH OFFICERS.

To accomplish its end as a practical and effective service, the State Commissioner of Health, acting with the approval of the Public Health Council and in accordance with the law, divided the State into three health districts, each under the supervision of a full-time health officer who represents the Health Commissioner in one particular section of the State. Through the contact between the district health officer and the public

it is hoped to bring the headquarters of the State Department into a more intimate relationship with the actual health problems in Maine. The three health districts are as follows:

Northern district, comprising the country north of the Canadian Pacific Railroad, with headquarters at Millinocket; the southeastern district, including the territory south of the Canadian Pacific and east of the Kennebec River, with headquarters in Bangor; the southwestern district, comprising the country south of the Canadian Pacific and west of the Kennebec River, with headquarters in Portland.

Details of the work covered by the District Health Officers are given in the supplement.

PUBLIC HEALTH SURVEYS.

One of the chief lines of work which the Department has been continuing during the last year has been the making of Surveys of Public Health Administration in various cities of Maine.

Four of the Surveys have been published in the monthly bulletin of the Department as follows:

"Public Health Administration in Bangor and Bath," July, 1919; "Public Health Administration in Westbrook," August-September, 1919; "Public Health Administration in Augusta," December, 1919.

Through the recommendations contained in these reports it is hoped to stimulate a more extensive development of modern health administration in the various municipalities of the State.

BIRTHS AND DEATHS.

Fewer births and deaths occurred in Maine during the past year than for any twelve month period of the last fifteen years while at the same time the number of marriages and divorces is the greatest ever to go on record in a single year in this state.

The records show specifically that last year there were but 15,205 births or 1085 less than during the preceding year while for the first time since 1903 the number of births has dropped below the 16,000 mark.

While this decisive lowering of the birth rate is far from encouraging, the figures are counteracted by the particularly

low death rate. During the year there were but 10,919 deaths or 3268 less than in the preceding year. Not since 1903 have there been so few deaths in Maine and only three times before in the entire history of the state. Back in 1892 when the first records were prepared, the deaths numbering 12,147 exceeded this year's figures by more than a thousand. It is to be kept in mind also that fewer deaths from tuberculosis, typhoid fever, diphtheria, and measles occurred last year than was ever before known.

INFANT MORTALITY.

That the child welfare movement to which those Maine cities most active in modern health work, are giving their enthusiastic support, is already bearing fruit in decisively lowering the infant mortality rate, is evidenced by the records of the past year, treating of the number of deaths of children under one year of age.

Twelve of the twenty cities in Maine materially lowered their infant death rate last year and in many instances cut it in half or even better. The decrease was particularly marked in communities where energetic child welfare or better baby campaigns were conducted.

The city of Waterville offers a potent example of the results of child welfare work. Last year there was an infant death rate of 62.2 per thousand births in direct comparison with 129.3 of the preceding year. In this city a most progressive child welfare program was carried out under the auspices of the Waterville-Winslow Child Welfare League of which Mrs. J. L. Dean was a prominent leader.

In Portland, also, much good has been accomplished in the interests of child welfare and infant hygiene by the establishment of a milk station and other work carried on by an organization of women of which Mrs. Howard R. Ives is President.

The highest infant death rates in Maine cities were found last year in Saco with 119.9; Calais, 119.4; and Ellsworth with 108.1 per thousand births. The preceding year Old Town had the highest rate, 152.2 but this figure has encouragingly dropped during the last twelve month period to 59.6. The lowest death rates for children under one year were found during the last

twelve month period now on record to be in Hallowell where no such deaths were reported; Belfast with but one; and Gardiner with but three giving to those cities the rates of 00.0, 12.8, and 37.9 respectively. Hallowell also held the lowest figure for the preceding year.

The three largest cities in the state, Portland, Lewiston, and Bangor show the following infant mortality figures for the last two years; Portland, 1919, 66.9; 1918, 83.1; Lewiston, 1919, 88.8; 1918, 81.2; Bangor, 1919, 68.9; 1918, 117.3. It is to be noted that Lewiston is one of the few cities showing an increase in infant deaths for the past year.

The following gives a list of the Cities of the state in order of their infant mortality rates; Saco, 119.9; Calais, 119.4; Ellsworth, 108.1; Brewer, 99.2; Auburn, 97.8; Rockland, 94.6; Westbrook, 90.5; Lewiston, 88.8; Eastport, 78.6; Bangor, 68.9; Bath, 68.8; Portland, 66.9; Waterville, 62.2; Old Town, 59.6; Biddeford, 59.4; Augusta, 57.2; South Portland, 55; Gardiner, 37.9; Belfast, 12.8; Hallowell, 00.0.

TUBERCULOSIS.

The past year which was marked by a lessening death rate for nearly all communicable diseases, shows a further encouraging sign in the phenomenally low figure of tuberculosis deaths in Maine during the past twelve months.

The total of deaths for tuberculosis in all forms in Maine during 1919 was but 789, of which 638 were of the pulmonary type. Just how markedly downward is the tendency of this "white plague" can be shown no more strikingly than by quotation of the figures for 1892, the year when Maine was first admitted to the federal registration area, and the first recorded statistics were made. For that year there were 1513 tuberculosis deaths, of which 1352 were pulmonary. These figures indicate that the disease has been reduced practically one-half in the last 28 years and brings the hopeful message of still further reduction which can be safely predicted for the future.

Here again, is a potent example of the tremendous efficiency of public health work, both local and state wide. Public education along the lines of prevention and cure, as worked out by medical scientists and investigators is responsible in a large

measure for these encouraging facts regarding the tuberculosis situation. No more hopeful sign of the times, from the viewpoint of public health, can be imagined than the steady lowering of the tuberculosis death rate. It was in 1912 that the number of deaths first fell below 1000, never to exceed that number again, and the decrease in the last decade has been uniformly steady except in 1918, the influenza year, when an increase by fifty deaths was recorded. This year's figure of 789 is indeed a record breaker.

Pulmonary tuberculosis which is by far the most prevalent type, has followed closely the record of the general figures of the past quarter century, and this year for the first time numbered less than 700 deaths, having dropped almost an entire hundred, from 721 to 638 in the past year.

TYPHOID FEVER AND DIPHTHERIA.

The lowest death rates, both for typhoid fever and for diphtheria, ever to have been recorded for the state of Maine, are revealed in the death returns for 1919. In the entire state, there were but 44 deaths from typhoid and 50 from diphtheria for the entire twelve months.

These figures are the more remarkable in the light of comparison with similar records for the past 20 years, during which the decline in deaths from these two causes has been steady and decisive. Typhoid fever, that former scourge of many Maine communities during the summer months (which in the three years of 1904, 1903, and 1901, took a death toll of 242, 225, and 225 persons) is now less than one-fifth as deadly in the Pine Tree State. The deaths from typhoid in 1900 numbered 196, rising to 242 in 1904, and since that year steadily decreasing until the present low figure is reached. The unprecedentedly large figure for 1904 is undoubtedly due to the typhoid fever epidemic which swept the town of Millinocket and which has been scientifically proven to have been caused by polluted water supply.

The history of the decline of the diphtheria death rate has been equally encouraging to public health workers. In 1900, the deaths from it numbered 155, a figure only exceeded during the last 20 years when in 1904, there were 162 deaths recorded

as caused by it. The decline since 1900 has been almost uniformly steady and last year's statistics reveal but a half hundred deaths attributable to diphtheria, more than one-third less than at the beginning of the present century.

No more potent example of the tremendous value of public health work can be demonstrated than in this marked decline of the death rates in these two contagious diseases alone. Public health education to the necessity of reporting and quarantining contagious diseases; instruction in sanitation and the means of guarding against infection; improved methods of treatment; careful supervision of the water and milk supply; these are a few of the public health measures in Maine, whose results have been so gratifying.

MEASLES.

A remarkable decrease in the number of deaths from measles in Maine during the past year, has been brought to light in the compiling of vital statistics for 1919. There were but four such deaths during the past twelve months as compared with 102 measles deaths in 1918.

The efforts of the State Department of Health and of local and private health workers are leaving fruitful results. To such efforts is the decrease in measles deaths attributed, as particular stress is being placed upon the education of the parents by such workers, to a realization that measles as well as the other so called "children's diseases" are not necessary and must not be treated too lightly. Thousands of mothers are now coming to understand that it is nothing less than criminal to wilfully expose their children to measles just "to get it over with."

Looking back upon statistics for this disease during the entire period since 1892 when Maine was admitted to the registration area, it is seen that no such small figure for yearly deaths has previously been attained. The greatest number of measles deaths occurred in 1917 when the figure was 147; 1906 recorded 105 deaths; and 1918, 102.

CONFERENCE OF LOCAL HEALTH OFFICERS.

The second annual conference of Local Health Officers with the State Department of Health, called by the State Commissioner of Health, was held April 22 and 23, 1919, at the State House. On account of lack of space it is impossible to give a detailed statement regarding the work and papers of this successful meeting. Minutes of this conference are on file in the Commissioner's office. Following is an outline of the program:—

STATE HOUSE, AUGUSTA,

TUESDAY AND WEDNESDAY, April 22 and 23, 1919.

TUESDAY

1.30 P.M.

Registration of representatives of Local Boards of Health, and Visitors.

2.00 P.M.

Chairman, Dr. L. D. Bristol, Augusta.

1. The Plans of the American Red Cross for Co-operative Health Work, Miss Elizabeth Ross,
N. E. Division American Red Cross, Boston.
2. Public Health Nursing, Miss Mary Van Zile,
N. E. Division, American Red Cross, Boston.
3. The Relation of the United State Public Health Service to State Health Work, Mr. C. E. Turner,
Sanitary Engineer, U. S. P. H. S., Boston.
4. The Relation of the American Public Health Association to State Health Work, Mr. A. W. Hedrich,
Secretary, A. P. H. A., Boston.
5. The Relation of the Medical Profession to State Health Work, Dr. Geo. Coombs,
President, State Medical Ass'n., Waldoboro.
6. General Discussion.

7.30 P.M.

Chairman, Dr. R. D. Small, Portland.

1. The Influenza Epidemic and its Control in Portland,
Doctor Thomas Tetreau,
Health Officer, Portland.
2. A Program for Progressive Health Work in Maine,
Dr. L. D. Bristol, *State Health Commissioner*.
3. Better Reporting and Better Control of the Communicable
Diseases, Dr. A. C. Young,
Division Director of Communicable Diseases,
State Department of Health.
4. The Chief Factors in the Control of Venereal Diseases,
Dr. H. E. Hitchcock,
Division Director of Venereal Diseases,
State Department of Health.
5. General Discussion.

8.30 A.M.

Chairman, Dr. S. J. Beach, Augusta.

1. Special Health Problems In Northern Maine.
Dr. J. F. Stevens,
District Health Officer, Millinocket.
2. A Survey of Public Health Administration in Bangor.
Dr. H. D. Worth,
District Health Officer, Bangor.
3. Co-operative Health Work in Bath.
Mr. C. S. Kingsley,
Health Officer in Bath.
4. Lessons for the Civilian Health Official from the Work of
the Sanitary Corps of the U. S. Army. Mr. A. P. Pratt,
District Health Officer, Portland.
5. The History of Plumbing. Hiram W. Rieker,
South Poland, *Member Public Health Council*.
6. General Discussion.
7. Adjournment.

LABORATORY WORK.

The increasing amount of work done by the laboratories of the State Department of Health is an indication of their efficiency and their usefulness to the people of the state. Doing this work free of charge, the Department saves thousands of dollars annually to the people of the state. A conservative estimate shows that this free laboratory work last year actually saved the people of Maine \$98,000. In other words if all the tests and work done free of charge by the State Department of Health Laboratories, had been done by private laboratories, the cost would have approximated \$98,000.

With the above facts in mind the total appropriation of \$76,000 a year for all of the work of the State Department of Health is interesting. The people of Maine are more than getting this money back in the free laboratory work alone. An appropriation of fifty cents per capita a year is an average now recognized by various authorities as logical and reasonable for a State public health department. Maine is now appropriating only ten cents per capita for this work.

A branch laboratory in Aroostook County is much needed, and should be opened as soon as money is available and a properly qualified bacteriologist and chemist can be found.

Following are the total tests and work done (exclusive of 2160 c.c. of vaccines prepared) in all the State Laboratories during the year 1919:—

Diagnostic Laboratories, Augusta.

Total tests	9648
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Water and Milk Laboratories, Augusta.

Total tests	3945
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Branch Laboratory, Bath.

Total tests	964
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Grand total of Laboratory tests	14,557
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COMPARATIVE NUMBER OF EXAMINATIONS BY YEARS.

Following is a table which covers the comparative number of examinations according to years from the opening of the former Laboratory of Hygiene to the present organization which includes two separate laboratories—one for general diagnostic work, the other for water chemistry and bacteriology in particular and one branch laboratory. The number of examinations it will be noted has nearly doubled since the Department was created in 1917.

Years.	Time Covered.	Organization.	No. of examinations (old count).	No. of examinations (new count).
1903-4	13 mos.	State Board of Health		
1904-5	24 mos.	Laboratory of Hygiene.	4,008	—
1905-9	40 mos.	Laboratory of Hygiene.	7,006	—
1910-11	24 mos.	Laboratory of Hygiene.	11,418	—
1912-13	24 mos.	Laboratory of Hygiene.	12,385	—
1914-15	24 mos.	Laboratory of Hygiene.	20,728	—
1916-17	18 mos.	Laboratory of Hygiene.	25,190	—
1916-17	6 mos.	State Dept. of Health	20,554	—
		(a) Diagnostic Laboratory		
		(b) Water and Sewage Laboratory	7,195	3,947
				(Rate of 7894 for 1 yr. period)
1918	12 mos.	Water and Sewage Lab.		9,427
1919	12 mos.	Water and Sewage Lab.		14,557

NEW LEGISLATION.

The State Legislature of 1919 accomplished much in the enactment of progressive laws relating to various phases of public health, all of these laws being sponsored or approved by the State Department of Health.

1. The State Law with reference to the reporting of cases of Tuberculosis was so amended as to require all cases of this disease to be reported by physicians to local boards of health, instead of direct to the State Department of Health.

2. The State Law relating to gonorrhoea inflammation of the eyes of new-born children was so amended as to require, in addition to proper and prompt reporting, the use of a prophylactic solution (1% Silver Nitrate) in the eyes of the new-born child as a preventive of this condition, provided that no parent or guardian of such child should offer conscientious objections thereto.

3. A State Law was enacted prohibiting the marriage of any person known to have syphilis until such time as he or she has a statement from the attending physician certifying that the person has been cured of syphilis.

4. A State Law was enacted making it the duty of the superintending school committees of the several towns of the state to make adequate provision for instruction of all pupils in the public schools in personal hygiene, community sanitation and physical education.

5. The State Laws pertaining to the appropriations for the work of the State Department of Health were so amended as to make available a total sum of \$76,000 a year from January 1, 1920, as compared with \$34,000 the previous year.

6. Undoubtedly the most progressive and far-reaching health legislation enacted during the year is that which requires every city, town and organized plantation to employ a local health officer, appointed by the municipal officers and subject to the approval of the State Commissioner of Health. This officer is the executive of the local board of health, or at the option of the municipal officers may take the place of the local board of health.

Centralization of authority is vested in the State Department of Health under the section of the new law which specifies that all powers of local boards of health shall be exercised under the control and direction of the State Department of Health.

Two or more adjoining towns are empowered, if they so desire and subject to the approval of the State Commissioner of Health, to unite in a so-called Health Union for the employment of a full-time health officer.

To all cities or towns, and to such a Health Union as men-

tioned above, which employ a full-time health officer having certain qualifications, State financial aid is provided to the extent of one-third the health officer's salary, not to exceed eight hundred dollars a year.

7. The increased appropriation provided by the legislature made possible the extension of State Health Districts from three to eight and the employment of eight full-time District Health Officers from January 1, 1920. In December 1919, the Public Health Council on the recommendation of the Commissioner, appointed the following District Health Officers, their work to start as soon as possible after January 1, 1920.

District.	Officer.	Counties.	Residences.
I	C. F. Kendall, M. D.	York & Cumberland	Biddeford
II	E. P. Goodrich, M. D.	And., Ox., & Franklin	Lewiston
III	J. W. Loughlin, M. D.	Sag., Line., Knox, Waldo	Damariscotta
IV	A. S. Pope, C. P. H.	Kennebec & Somerset	Waterville
V	H. D. Worth, M. D.	Lower Penob. & Piscat.	Bangor
VI	A. L. Smith, M. D.	Hancock & Wash.	Machias
VII	J. F. Stevens, M. D.	Upper Penob. & Lower Ar.	Millinocket
VIII	G. H. Hutchins, M. D.	Upper Aroostook	Presque Isle

ACTIVITIES OF COMMISSIONER.

In addition to a large amount of routine office work in Augusta, involving correspondence; editing of bulletins, circulars and reports; conferences and administrative duties; much time of the Commissioner is devoted to inspections, conferences and lectures in various parts of the State. The following table gives a summary of such state wide work carried on by the Commissioner during 1919:

Date	Place	Purpose of Visit
Jan. 14	Bangor	Address, Anti-Tuberculosis Meeting.
" 23	Brunswick	Lecture, Medical Students, Bowdoin.
" 23	Lewiston	Lecture, Infant Welfare.
" 27	Auburn	Address, Auburn Chamber of Commerce.
" 30	Brunswick	Lecture, Medical Students, Bowdoin.
" 30	Portland	Conference, Plumbers Association.
" 30	Westbrook	Conference.
Feb. 5	Lewiston	Address, Androscoggin Co. Medical Ass'n.
" 6	Calais	Address, Washington Co. Medical Ass'n.
" 6	Calais	Address, Anti-Tuberculosis Meeting.
" 18	Bangor	Address, Penobscot Co. Medical Ass'n.
" 21	Lewiston	Inspection, County Tuberculosis Sanitorium.

<i>Date</i>	<i>Place</i>	<i>Purpose of Visit</i>
Mar. 4	Portland	Address, State Master Plumbers' Ass'n.
" 6	Bangor	Address, Anti-Tuberculosis Meeting.
" 15	Fairfield	Conference with doctors.
" 26	Livermore Falls	Address, County Anti-Tuberculosis Ass'n.
Apr. 4	Portland	Conference with District Health Officers.
" 11	Gardiner	Address, Parent-Teacher Ass'n.
" 17	Bangor	Address, Chambers of Commerce.
" 30	Lewiston	Conference with local health officer.
May 4	Westbrook	Address on Child Welfare.
" 15	Bar Harbor	Conference with local health officer.
" 16	Pittsfield	Address, County Teachers Ass'n.
" 22	Bath	Conference with local health officer.
" 23	Rockland	Conference with local health officer.
June 4-5	Washington, D. C.	Conference with Surgeon General.
" 6-7	Atlantic, N. J.	Conference of State Health Authorities.
" 10	Bath	Address, Chamber of Commerce.
" 18	Portland	State Medical Ass'n, Annual Meeting.
Sept. 18	Lewiston	Conference local health officer.
" 25	Portland	State Anti-tuberculosis Ass'n, Annual Meeting.
Oct. 2	Millinocket	Conference with District Health Officer.
" 3	Fort Kent	Conference with local health officer.
" 3	Van Buren	Conference with local health officer.
" 4	Caribou	Conference with local health officer.
" 5	Presque Isle	Conference with local health officer.
" 6	Fort Fairfield	Conference with local health officer.
" 6	Houlton	Conference with local health officer.
" 7	Calais	Conference with local health officer.
" 8	Holden	Address, Grange.
" 9	Machias	Meeting, Washington Co., Medical Ass'n.
" 10	Bangor	Conference District Health Officer.
" 17-18	Providence, R. I.	New England Tuberculosis Conference, Annual Meeting.
" 23	Lewiston	Address, County Tuberculosis Ass'n.
" 26-30	New Orleans, La.	Annual Meeting, American Public Health Ass'n.
Nov. 6	Brunswick	Lecture, Bowdoin Medical School.
" 14	Waterville	Meeting, State Anti-Tuberculosis Ass'n.
" 18	Bangor	Address, County Medical Ass'n.
" 18	Bangor	Address, Bangor Rotary Club.
" 19	Bangor	Address, State Dairymen's Ass'n.
" 20	Waterville	Address, Waterville Medical Society.
" 22	Rockland	Address, Anti-Tuberculosis Meeting.

<i>Date</i>	<i>Place</i>	<i>Purpose of Visit</i>
Dec. 1	Portland	Conference with local health officer.
“ 2	Lewiston	Conference with Secretary, Chamber of Commerce.
“ 3	Bath	Conference with local health officer.
“ 4	Brunswick	Lecture, Bowdoin Medical School.
“ 10	Lewiston	Conference with doctors.
“ 18	Portland	Conference, State School for Boys.

FINANCIAL STATEMENTS.

The general expenses of the department for 1919 have been paid from three appropriations, Salary and Clerk Hire; General Office Expenses and Venereal Diseases.

SALARY AND CLERK HIRE.

Commissioner	\$ 4,600 00
Division Directors	6,310 45
Laboratory Assistants	2,325 69
Clerks	5,133 30
District Health Officers	5,179 65
Hotel Inspector	74 75
	<hr/>
	\$23,623 84

GENERAL OFFICE EXPENSES.

Travel Expenses	\$ 2,267 91
Printing and Binding Reports	21 00
Circulars and Bulletins	2,025 56
Postage	1,237 83
Books and Sanitary Journals	72 29
Telephone and Telegraph	367 52
Express	166 96
Heat and Light	332 66
Equipment	723 23
Furniture and Repairs	263 34
Stationery and Office Supplies	1,186 04
Chemical and Bacteriological Supplies	646 20
Other Laboratory Supplies	600 91
Antitoxin, Vaccines, Drugs	861 70

Expenses of Public Health Council	99 74
Sundries	44 80
State Pauper Cases	2,129 65
	\$13,047 34

VENEREAL DISEASES.

Director	\$ 2,173 08
Clerks	769 00
Other Employees	2,855 66
Traveling Expenses	221 97
Equipment	978 92
Supplies	1,594 43
Printing and Binding	273 40
	\$8,866 46

Portsmouth-Kittery Sanitary District	\$ 1,032 76
Bath Sanitary District	393 00
Health Centers	1,317 24

SUMMARY.

	Regular Appropriation.	Transferred from State Contingent Fund.	Expenditures.	Balance.
Salary and Clerk Hire	\$20,000.00	\$3,623.84	\$23,623.84	
General Office Expenses	18,000.00		13,047.34	\$4,952.66
Venerae Diseases	8,000.00	71.68	†8,866.46	
Portsmouth-Kittery Sanitary District		*1,032.76	1,032.76	
Bath Sanitary District		*393.00	393.00	
Health Centers		2,000.00	1,317.24	682.76
Total	\$46,000.00	\$7,121.28	\$48,280.64	\$5,635.42

* Transferred from War Bonds.

†\$794.78 paid from Federal Funds.

REPORT OF THE STATE BOARD OF EMBALMING EXAMINERS.

Complying with the requirements of chapter 19, section 29, R. S., the following report for the year 1919 is made to the State Department of Health:

The members of the Board for the year 1919 were: J. Clark Flagg, Chairman, Richmond; Herbert W. Rich, Portland; Dr. R. D. Small, Portland; Dr. L. D. Bristol, State Commissioner of Health, was ex-officio a member and secretary-treasurer of the Board.

Meetings were held on the following dates for the purpose of examining candidates: May 13, 1919; November 11, 1919.

The following is a list of the persons who passed a successful examination at the meetings of the Board during the year 1919, and have received the certificate which is given to licensed embalmers. The dates indicate the meetings at which the several persons received their examinations, and the last column of the table gives the number of the license certificate of each:

NAME.	RESIDENCE.	Date of Examination.	License No.
Wm. L. Cook	Belfast	May 13, 1919	377
Wesley Snow Jordan	Lisbon	May 13, 1919	378
George R. Whitten	Pittsfield	May 13, 1919	379
William A. Cosgrove	Biddeford	May 13, 1919	380
Louis Napoleon Baillargeon ..	Old Town	May 13, 1919	381
Wm. P. Miskell	Portsmouth, N. H. ..	May 13, 1919	382
Leon A. Harding	Canton	May 13, 1919	383
James F. Kelleher	Winterport	May 13, 1919	384
Lorenzo P. Brown	Livermore Falls	May 13, 1919	385
Napoleon Pinnette	Lewiston	May 13, 1919	386
George Albert Nichols	So. Windham	May 13, 1919	387
William Olim Buzzell	Houlton	May 13, 1919	388
Edward M. Cassily	Bangor	May 13, 1919	389
Harold S. Harvey	Carmel	May 13, 1919	390
Richard D. Crowe	Bangor	May 13, 1919	391
Sherman S. Greenleaf	Centerville	May 13, 1919	392
Arthur L. Leonard	Hallowell	Nov. 11, 1919	393
John J. Lee	Portland	Nov. 11, 1919	394
Stanley R. Cushing	Thomaston	Nov. 11, 1919	395
Roscoe N. Porrier	Searsport	Nov. 11, 1919	396
George F. Avery	New York City	Nov. 11, 1919	397
Emily Wilson Stevens	Rockland	Nov. 11, 1919	398
Charles Henry Jennings	Melrose, Mass.	Nov. 11, 1919	399
James H. Foley	Winterport	Nov. 11, 1919	400
Dwight L. Parsons	Canton	Nov. 11, 1919	401
William A. Thompson	Freedom	Nov. 11, 1919	402
Irving W. Stetson	Brunswick	Nov. 11, 1919	403
Carl S. Johnson	Portland	Nov. 11, 1919	404
Herbert E. Stacy	Sangerville	Nov. 11, 1919	405
Ralph M. King	Fortland	Nov. 11, 1919	406

STATE BOARD OF EMBALMING EXAMINERS.

RECEIPTS AND DISBURSEMENTS.

RECEIPTS—1919.

Balance on hand	\$ 1,318 99
Examination fees	175 00
License and renewal fees	286 13
	<hr/>
	\$1,780 12

DISBURSEMENTS—1919.

Printing	\$ 28 22
Postage	20 00
Expenses of members	66 53
Expenses of help	6 25
Conference dues	25 00
Stationery	2 95
Balance in State Treasury	1,631 17
	<hr/>
	\$1,780 12

SUPPLEMENT

ACTIVITIES

OF

DISTRICT HEALTH OFFICERS

AND

DIVISION DIRECTORS

AND

STAFFS

THE WORK OF THE DISTRICT HEALTH OFFICERS.

The work of the District Health Officer is of vital importance to a modern health organization. He serves as a field worker and an intermediary between the State Department and local physicians and boards of health. Through his influence on physicians, local boards, and town clerks a more accurate and prompt reporting of morbidity, mortality, and other vital statistics should result. His services are in constant demand for differential diagnoses of communicable diseases, for the investigation of nuisances, and for general advice and help along Public Health lines in individual communities.

A detailed account of all the work of the District Health Officers including accounts of surveys, inspections, and recommendations, is impossible in a brief report. Under district headings a brief tabulation of the activities of the officers is given below.

SOUTHWESTERN DISTRICT.

A. P. PRATT, C. P. H., *District Health Officer*, Portland.

The following table gives an outline of the activities of Mr. A. P. Pratt, District Health Officer of the Southwestern District, for the period covered by this report up to the time of his resignation.

<i>Place.</i>	<i>Subject of Investigation or Activities.</i>	<i>Date.</i>
Portsmouth & Kittery	General Conditions	Apr. 10
Portland	Diphtheria	Apr. 10
York	Scarlet Fever	Apr. 13
Westbrook	Diphtheria	Apr. 13
Portland	Vital Statistics	May 26
Kennebunkport	Hotel Inspection (Columbia)	May 27
Biddeford	City Clerk. Sec. B. of H.	May 27
York	Suspected Variola	May 28
Kittery	Epidemiology of preceding	May 29
So. Portland	Typhoid	June 2
Westbrook	Survey	June 4
York	General conditions	June 5

<i>Place.</i>	<i>Subject of Investigation or Activities.</i>	<i>Date.</i>
Portland	Variola	June 6
Westbrook	Survey (Vital Statistics)	June 9
Peak's Island	Water supply	June 10
Portland	Westbrook survey (Vital Statistics)	June 11-14
Portland	Westbrook survey (Vital Statistics)	June 16-17 20-21
Portland	Meetings Maine Medical Association	June 18-19
Portland	Westbrook survey (Vital Statistics)	June 23, 28
Westbrook	Survey and Conference	June 24, 25, 26
York	Work of Health Officer	June 27
Westbrook	Survey	June 30
Portland	Westbrook Survey (Vital Statistics)	July 1, 2, 5
Augusta	Conference	July 3
Westbrook	Survey	July 7-11
Portland	Westbrook Survey	July 12

SOUTHEASTERN DISTRICT.

H. D. WORTH, M.D., *District Health Officer*, Bangor.

The following table gives an outline of the activities of Dr. H. D. Worth, District Health Officer, of the Southeastern District, for the period covered by this report.

<i>Place.</i>	<i>Subject of Investigation or Activities.</i>	<i>Date.</i>
Corinth	Influenza	Jan. 1
Kenduskeag	Influenza	Jan. 2
Bangor	Influenza	Jan. 4-9
Charleston	Influenza	Jan. 10
Bangor	Smallpox	Jan. 14
Bangor	Visited State Hospital and Eastern Maine General Hospital	Jan. 15
Augusta	Court House	Jan. 20
Augusta	Legislature	Jan. 22
Augusta	Legislature	Jan. 24
Bangor	Smallpox and Influenza	Jan. 25-29
Bangor	Administration of Public Health	Feb. 1-8
Bangor	Public Health	Feb. 9-10
Orono	Conference with local health officer	Feb. 18
Bangor	Survey	Feb. 17-22
Bangor	Survey	Feb. 24-Mar. 1
Bangor	Conference on union of Bangor and Brewer in health work	Mar. 2
Bangor	Smallpox	Mar. 5-7
Bangor	Work on Survey	Mar. 1-8
Bangor	Smallpox	Mar. 5-10

<i>Place.</i>	<i>Subject of Investigation or Activities.</i>	<i>Date.</i>
Bangor	Survey	Mar. 10
Millinocket	Smallpox	Mar. 13
Woodland	Influenza	Mar. 16-18
Bangor	Smallpox	Mar. 17-18
Kenduskeag & Hudson	Scarlet fever	Mar. 20
Bangor	Meeting of Chamber of Commerce	Mar. 25
Bangor	Local Health conditions	Mar. 31
Bangor	Smallpox and Scarlet fever	Apr. 1
Corinth, Hudson & Kendus- keag	Scarlet fever	Apr. 1
Bangor	Survey	Apr. 1
Corinth	Scarlet fever	Apr. 3
Bangor	Local Health Conditions	Apr. 4-5
Bangor	Smallpox	Apr. 12
Lubec	Local Health Conditions	Apr. 16
Augusta	Attending annual meeting of Local Boards of Health	Apr. 22
Poland Springs	Lecture	Apr. 27
Winterport	Scarlet fever	May 1
Bangor	Survey	May 2-4
Guilford	Maternity Hospital. Unsanitary con- ditions in the village	May 5
Dover & Foxcroft	Consultations with Local Boards of Health	May 6-7
Argyle	Chickenpox and mumps	May 7
Corinth	Scarlet fever	May 8
Dover	Address	May 9
Brownville	Sanitary conditions	May 13
Brownville Junction	Sanitary conditions	May 13
Milo & Derby	Sanitary conditions	May 14
Brewer	Conference regarding full-time health officer	May 15, 16
Etna	General health conditions	May 19
Carmel	General health conditions	May 19
Stetson	General health conditions	May 20
Bangor	General health conditions	May 21
Veazie & Orono	General health conditions	May 24
Orono	Drainage	May 26
Oldtown & Milford	Sanitation	May 27, 28
Bradley	Registration	May 29
Brewer	Health administration	May 30, 31
Dexter	Sewer conditions	June 2
Plymouth, Troy, Unity, Thorndike	General health activities	June 3-4
Bangor	Chickenpox	June 5-6

<i>Place.</i>	<i>Subject of Investigation or Activities.</i>	<i>Date.</i>
Brewer	General sanitary and health problems	June 9-14
Portland	Maine Medical Association	June 17-20
Veazie	General sanitary conditions	June 23, 24
Bangor	Public Health	June 25-27
Medford	Confirming diagnosis of scarlet fever by request of Local Board of Health	June 30
Augusta	Survey	July 3-6
Oldtown	Nuisance complaint	July 7
Corinna	Sewerage	July 15
Hudson	Conditions of School Houses	July 16
Hartland	Sewerage	July 18
Orono	Smallpox	July 19
Bucksport, Castine, Ellsworth, Machias, Lubec Eastport, Calais & Woodland	Survey	July 21
Kenduskeag	Investigation of sewers, requested by Sect. of Local Board	Aug. 10
Searsport	Complaint of unsanitary conditions	Aug. 11
West Enfield	Board of Health conditions	Aug. 11
Bucksport	Local Health conditions	Aug. 13
Orono	Smallpox	Aug. 15-20
Dexter	Chickenpox	Aug. 21
Seboomook	Chickenpox	Sept. 1
Bucksport, Castine, Bluehill, Machias	Survey	Sept. 5
E. Machias, Machiasport, Lubec, Eastport	Survey	Sept. 8
Calais, Woodland, Princeton, Danforth	Survey	Sept. 9
Prentiss, Carroll, Springfield, Lee, Winn, Lincoln, Enfield	Survey	Sept. 12
Guilford	Tuberculosis	Sept. 22
Corinth & Unity	School Houses	Sept. 25
Bangor	Health administration	Sept. 26, 27
Bangor	Reorganization of Local Health Department,	Oct. 13-17
Bar Harbor	Diagnosis	Oct. 18
Belfast & Camden	Public Health	Oct. 20
Rockland, Thomaston, Warren, Waldoboro	Public Health	Oct. 21, 22
Damariscotta	Public Health	Oct. 23

<i>Place.</i>	<i>Subject of Investigation or Activities.</i>	<i>Date.</i>
Cherryfield & Milbridge	Influenza	Nov. 18
Stockton	Smallpox	Nov. 20
Belfast	Conference with District Nurse	Nov. 21
Augusta	Tuberculosis	Nov. 25
Harmony, Cambridge, & Wellington	Impetigo Contagiosa	Nov. 27-28
Bangor	Full-time local health officer	Dec. 1-2
Guilford	Conference on uniting Piscataquis towns for full-time health work	Dec. 3
Bangor	Full-time local health officer	Dec. 4-6

NORTHERN DISTRICT.

J. F. STEVENS, M.D., *District Health Officer*, Millinocket.

The following table gives an outline of the activities of Dr. J. F. Stevens, District Health Officer for the Northern District for the period covered by this report.

<i>Place.</i>	<i>Subject of Investigation or Activities.</i>	<i>Date.</i>
Fort Kent	Smallpox	Jan. 1-2
Van Buren	Smallpox	Jan. 3-4
Millinocket	Health conditions	Jan. 6
Houlton	General health conditions	Jan. 8-9
Fort Fairfield	General health conditions	Jan. 10-14
Caribou	Public Health conditions	Jan. 15-16
Fort Kent	General Health conditions	Jan. 19
Eagle Lake	Smallpox	Jan. 20-25
Fort Kent	Appointment of Health Officer	Jan. 25
Fort Kent	Smallpox	Jan. 28
Eagle Lake	Smallpox	Jan. 29
Soldier Pond	Health conditions	Jan. 30
Madawaska	Smallpox	Jan. 31
Fort Kent	Smallpox	Feb. 3
Eagle Lake	Smallpox	Feb. 4
Millinocket	Health conditions	Feb. 6-Mar. 3
Ashland	Smallpox	Mar. 4
Griswold	Smallpox	Mar. 5
Presque Isle	General conditions	Mar. 6-7
Caribou	General conditions	Mar. 8-10
Washburn	General conditions	Mar. 11
Griswold	Smallpox	Mar. 11
Houlton	General conditions	Mar. 12
Grindstone	Smallpox	Mar. 14-15
Millinocket	Smallpox	Mar. 16-29
Millinocket	General conditions	Mar. 31-Apr. 3

<i>Place.</i>	<i>Subject of Investigation or Activities.</i>	<i>Date.</i>
Island Falls	Influenza	Apr. 4
Millinocket	General conditions	Apr. 5
Island Falls	Influenza	Apr. 14
Millinocket	General conditions	Apr. 14-21
Augusta	Conference	Apr. 22-24
Millinocket	General conditions	Apr. 25-30
Van Buren	General conditions	May 10-13
Fort Kent	Smallpox and General conditions	May 14-20
Ashland	General conditions	May 20-22
Millinocket	General conditions	May 20
Ashland	General conditions	May 20-24
Millinocket	General conditions	May 24-26
Ashland	Smallpox	May 27
Oxbow Pl.	Smallpox	May 28-30
Portage Lake	Smallpox	May 31
Millinocket	General conditions	June 3-11
Houlton	General conditions	June 12-13
Presque Isle	General conditions	June 13-16
Van Buren	General conditions	June 17
Caribou	General conditions	June 18
Mars Hill	General conditions	June 19
Easton	General conditions	June 20
Houlton	General conditions	June 20
Millinocket	General conditions	June 21
Millinocket	General conditions	June 30
Millinocket	General conditions	July 1
Augusta	Conference	July 2-4
Millinocket	General conditions	July 4-10
Island Falls	General conditions	July 11
Houlton	General conditions	July 11
Presque Isle	General conditions	July 12-15
Fort Kent	General conditions	July 16-19
Millinocket	General conditions	July 19-23
Bridgewater	Starch factory	July 24
Millinocket	General conditions	July 25-29
Norcross	General conditions	July 30
Millinocket	General conditions	July 31
E. Millinocket	General conditions	Aug. 1
Millinocket	General conditions	Aug. 2-8
Greenville	Typhoid fever	Aug. 9
Long Pond	Typhoid fever	Aug. 11
Greenville	General conditions	Aug. 12
Jackman	General conditions	Aug. 13
Long Pond	Typhoid fever	Aug. 13-14
Greenville	General conditions	Aug. 14

<i>Place.</i>	<i>Subject of Investigation or Activities.</i>	<i>Date.</i>
Millinocket	General conditions	Aug. 15-30
Millinocket	General conditions	Sept. 1-4
Norcross	Typhoid fever	Sept. 5-6
Millinocket	General conditions	Sept. 8-9
Houlton	General conditions	Sept. 10
Caribou	General conditions	Sept. 11
Presque Isle	Smallpox	Sept. 12
Limestone	Smallpox	Sept. 12
Millinocket	General conditions	Sept. 13-15
Presque Isle	Smallpox	Sept. 16
Limestone	Smallpox	Sept. 17
Caribou	General condition	Sept. 18
Presque Isle	Smallpox	Sept. 19-20
Millinocket	General conditions	Sept. 22-24
Ashland	General conditions	Sept. 25
Fort Kent	General conditions	Sept. 26
Eagle Lake	General conditions	Sept. 27
Fort Kent	General conditions	Sept. 28
Monticello	General conditions	Oct. 18
Millinocket	General conditions	Oct. 20
Houlton & Caribou	General conditions	Oct. 21-22
Caswell Pl.	Smallpox and general conditions	Oct. 23
Caribou	General conditions	Oct. 24
Van Buren	General conditions	Oct. 25
Fort Kent	General conditions	Oct. 25-27
Eagle Lake	General conditions	Oct. 28
Fort Kent	General conditions	Oct. 29-30
Millinocket	General conditions	Oct. 31
Millinocket	General conditions	Nov. 1
Portage Lake	Smallpox	Nov. 17-21
Ashland	Smallpox	Nov. 22
Bangor	Conference	Nov. 24-25
Augusta	Conference	Nov. 26-27
Millinocket	General conditions	Nov. 27-Dec. 3
Portage Lake	Smallpox	Dec. 4-5
Van Buren	General conditions	Dec. 6-9
Portage Lake	Smallpox	Dec. 10-12
Fort Kent	Smallpox	Dec. 13
Fort Kent	Smallpox	Dec. 14-15
Eagle Lake	General conditions	Dec. 16
Fort Kent	Smallpox and general conditions	Dec. 17-18
Millinocket	General conditions	Dec. 19-20

DIVISION OF COMMUNICABLE DISEASES.

Director and Epidemiologist, A. G. YOUNG, M.D.

Dr. Leverett D. Bristol, Commissioner of Health:

SIR:—I have the honor of submitting to you herewith the report of the Division of Communicable Diseases for the calendar year 1919.

Respectfully,

A. G. YOUNG,
Director and Epidemiologist.

**REPORT OF THE DIVISION OF COMMUNICABLE
DISEASES.**

The lessening mortality rates from our common and most troublesome communicable diseases, as shown by the records for 1919, is very encouraging with the exception of the death rate from whooping cough and from the receding influenza wave of the latter part of 1918 and pneumonia as a sequel of influenzal infection. The continuation of the influenza epidemic through the earlier months of 1919 was a serious matter, but there was a lowering of the case mortality rate. While 2554 deaths from influenza were recorded in 1918, the number for 1919 was only 589; but that was a very excessive death rate from this disease as compared with 210, the average for the six years preceding the epidemic years 1918.

In 1918 the number of deaths from pneumonia and bronchopneumonia was 1959, a much larger number than had been registered for any year within the registration era of Maine. From these two respiratory diseases there were 1227 deaths as compared with the average of 1139 for the six years previous to 1918.

The mortality from tuberculosis in this year was far lower

than had, by many persons, been predicted as an aftermath of the influenza epidemic. The number of tuberculosis deaths was only 789. The average number for the ten preceding years was 976; and for 1918, the epidemic year, 926.

As a destroyer of human lives whooping cough, in 1919, took a place not so very far from influenza, pneumonia and tuberculosis. The number of deaths charged against whooping cough lack only one of being as many as the combined mortality from typhoid fever, diphtheria and scarlet fever. The 104 deaths from whooping cough and the average yearly number in the ten preceding years should stamp this disease in the minds of the caretakers of children as an infectious malady from which young children should be much more carefully guarded than they are. Of the 104 deaths, 66 occurred among children under one year of age, 33 among those from 1 to 5 years old and only 5 among those more than 5 years old. Circular 225, "Whooping Cough" has been distributed widely, but the help of voluntary health working is needed everywhere, when whooping cough is about, to teach that it is a dangerous disease for young children and should be kept from spreading.

From 84, the average number of deaths from diphtheria in the ten years 1909-1918, the diphtheria deaths had fallen to 50 in 1919. This, however, is far from being the minimum mortality which it would not be difficult to attain with prompt and careful safeguarding of the public from the danger from carriers and from all cases of diphtheritic sore throat even before a positive diagnosis can be made and with early use of diphtheria antitoxin—those precautionary measures which the department is seeking to have put into effect still more generally than they are now.

From scarlet fever there were only 11 deaths. The average number in the ten years previous to 1919 was 17. This low mortality from scarlet fever is indicative of the low degree of virulence of the prevailing strain of infection, but the number of children who, after an attack of scarlet fever, are left with serious or eventually fatal sequels of this eruptive disease are too many to justify any other policy than the most efficient control measures possible.

One of the epidemic waves characteristic of measles, left in

its recession the year 1919 almost without a mortality record for this disease. While there were 147 deaths from measles in 1917 and 102 in 1918, there were only 4 in 1919. The average number for the ten years before 1919 was 60.

The gradual lowering of the number of deaths from typhoid fever is encouraging. There were only 44 typhoid deaths in 1919 in comparison with 103 as the average for the preceding ten years.

The diarrheal diseases caused 362 deaths which is a low level when compared with 544, the average in the ten years before 1919.

MORBIDITY REPORTS.

The number of the cases of the notifiable diseases reported to this department in 1919 was as follows:

Anthrax and actinomycosis, 1 case of each.

Cerebrospinal meningitis, 6; 2 cases in October, not more than one in any other month.

Chickenpox, 228, largest number 61 in December, smallest, 4 in October.

Diphtheria, 359; largest number in November, smallest in February.

Dysentery, 31, of which all but one occurred in an epidemic in Island Falls.

German measles; no epidemic of this disease was reported, 17 cases only were notified.

Influenza, 3,706 cases, as compared with the 43,252 in 1918. Of the 3706 cases 3539, were in the first four months of the year, and of these, 2540 were reported in January. Only 4 in the three summer months.

Malaria, one case only, and that an importation from the South.

Measles, only 56 cases reported for the year following two years of epidemic prevalence. The largest number 18 in February, the smallest, 1 in April and again in October.

Mumps, 257; the largest, 82, in January, the smallest, 1, in February.

Pellagra, 2 cases. Paratyphoid fever, only 1 reported as such.

Rabies, none. Poliomyelitis, 4.

Pneumonia, only 67 reported of which 33 were in January.

Scarlet fever, 889, the largest number, 165, in November, with 109 in the following month. The lowest number was 35 in February.

Septic sore throat, 6; tetanus, 1, trachoma, 2.

Smallpox, 459; the largest 86 in March, the smallest, 14, in May.

Tuberculosis, 797, showing a very serious shortcoming in the reporting of this disease, but more than double the number of the preceding year.

Typhoid fever, 252; the largest number, 59, in November, the smallest, 3, in January.

Whooping Cough, 377, the largest, 108, in November, the smallest, 4, in February.

FIELD WORK AND DIFFERENTIAL DIAGNOSIS.

Since the department of health has had a larger number of district health officers as a help to the local health officers in the prevention and control of the epidemic diseases, as well as in doing other work which it is very necessary to have done for the welfare and good repute of the State, your director of the division of communicable diseases has been able to devote more time to very important work in his office for the improvement of the service. The following is a brief statement of the field work which has had his personal attention.

- Jan. 6. Lewiston; smallpox.
- “ 7. Waterville; conference.
- “ 9. Brunswick; lectures before the medical class.
- “ 16. Bingham; epidemic of influenza.
- Feb. 17. Lewiston; smallpox.
- “ 20. Lewiston; chickenpox.
- Mar. 3. Turner; smallpox.
- “ 8. Turner; smallpox.
- “ 15. Bath; smallpox.
- “ 22. Benton; chickenpox.
- “ 26. Bath; smallpox.
- Apr. 1. Farmington; smallpox.

- Apr. 2. Bath, smallpox.
 " 20. Bath; smallpox.
 " 23. Auburn; smallpox.
- May 15. Brunswick; smallpox.
 " 19. Richmond; suspected case of smallpox.
 " 29. York; suspected case of smallpox found to be chickenpox.
- June 3. Lisbon Center; smallpox.
 " 7. Pemaquid; cases of scarlet fever.
 " 9. Portland; meeting of State Board of Embalming Examiners.
 " 12. Bath; smallpox.
 " 16. Kent's Hill School; diphtheria.
 " 23. Topsham; smallpox.
 " 30. Lewiston and Lisbon Falls; Investigation of cases of smallpox in both places.
- July 1. Augusta; smallpox.
 " 2. Bath; smallpox. Lewiston; to confer with local board.
 " 7. Norway; smallpox.
 " 14. Wiscasset; diphtheria.
 " 16. Pittston; investigating case of smallpox.
 " 20. Lisbon; outbreak of smallpox.
- Aug. 1. Boothbay and Boothbay Harbor; outbreak of smallpox.
 " 4. Boothbay and Boothbay Harbor; further aid in work against smallpox.
 " 6. Bath, Brunswick, Pittston; smallpox in Bath and investigations in the other two places.
 " 8. Harpswell; investigating typhoid fever.
- Sept. 6. Auburn; smallpox.
 " 8. Leeds; smallpox.
 " 16. North Monmouth; smallpox.
 " 19. North Monmouth; investigating smallpox families.
 " 24. Livermore; Livermore Falls and Jay; diagnosis of cases of small pox in each place.
- Oct. 3. Sabattus; investigating false rumor of a case of smallpox.
 " 6. Portland; diagnosis of a case of smallpox.

- Oct. 14. Lewiston and Auburn; inquiry about smallpox.
“ 17. Bingham; scarlet fever.
“ 23. Freeport; smallpox.
“ 24. Monmouth; smallpox.
“ 28. Monmouth; scarlet fever.
“ 29. Auburn; smallpox.
“ 30. Winslow; smallpox.
Nov. 4. Waterville; typhoid fever.
“ 6. Waterville; typhoid fever.
“ 11. Benton; smallpox.
“ 17. Bath; suspected smallpox proved to be chickenpox.
“ 18. Sydney; typhoid fever.
“ 19. Hallowell; scarlet fever. Lisbon Falls; smallpox.
“ 20. Brunswick; lecture to medical class.
“ 22. Augusta; investigation cases of smallpox and scarlet fever.
“ 24. Farmington and Temple; outbreak of smallpox.
“ 26. Mechanic Falls; scarlet fever.
“ 30. Hallowell; conference with local board.
Dec. 2. Kingfield; smallpox.
“ 8. Farmington; smallpox.
“ 15. Belgrade; scarlet fever.
“ 26. Lewiston; smallpox.
“ 29. Lewiston; smallpox.

DIVISION OF DIAGNOSTIC LABORATORIES

Director, H. E. Thompson, M. D.

Dr. Leverett D. Bristol, Commissioner of Health:

SIR:—I have the honor to submit the following report of the work of the Division of Diagnostic Laboratories for the year ending December 31, 1919.

Respectfully,

H. E. THOMPSON,
Director.

REPORT OF DIAGNOSTIC LABORATORY.

Year Ending December 31, 1919.

GENERAL REMARKS.

The Diagnostic Laboratory was established under the new State Department of Health. This Laboratory took over the bacteriological work formerly done by the old State Laboratory of Hygiene, and the scope of the work was much enlarged. Among the important additional work and tests now done in the laboratory are the Wassermann test for syphilis, free distribution of typhoid vaccine for immunization, and examinations of tissue for malignancy. The laboratory is also prepared to do differential counts, examination of blood smears for anemia and malaria; examinations for glanders and hydrophobia and other miscellaneous bacteriological work. Autogenous vaccines will also be made for a small fee.

The total number of examinations made during the year 1919 was 9648. Total amount of vaccine made during the year was 2160 c.c. In addition to these examinations all reagents used in connection with the Wasserman test have been prepared in the laboratory. The miscellaneous bacteriological examinations

include examination of milk and feces for typhoid bacilli, also examination of feces and urine for tubercle bacilli.

Following is a list of the examinations made with a monthly tabulation of the more important:

Smears for Anemia	2	
Bacteriological examinations, miscellaneous	125	
Blood counts, differential	22	
Dark Field examinations for treponema pallida	2	
Swabs and cultures for Diphtheria bacilli	1063	
Fluids, pleuritic	5	
Fluids, Spinal, cell count and globulin	41	
Smears for Gonococci	781	
Smears for Malaria parasite	1	
Tissues for malignancy	343	
Sputum examinations for Tubercle bacilli	1827	
Widal reaction for Typhoid	380	
Wassermann Test for Syphilis	5056	
		Total tests 9648
Vaccine, Influenza	2000	c.c.
Vaccine, Typhoid	160	c.c.
		Total vaccines 2160 c.c.

EXAMINATIONS FOR DIPHTHERIA, 1919.

MONTH	POSITIVE			NEGATIVE			TOTAL
	Male	Female	No Slip	Male	Female	No Slip	
January	33	24	—	28	23	2	110
February	8	20	—	34	38	1	101
March	15	11	2	8	25	3	64
April	11	4	—	21	29	4	69
May	26	12	3	21	11	2	75
June	12	8	2	25	19	5	71
July	14	3	1	21	24	3	66
August	5	5	—	24	36	3	73
September	3	10	—	9	25	1	48
October	18	20	—	27	35	2	102
November	9	15	1	34	52	2	113
December	17	37	4	29	70	13	170
Total	171	169	13	281	387	41	1062

EXAMINATIONS FOR GONOCOCCUS INFECTION, 1919.

MONTH	POSITIVE			NEGATIVE			TOTAL
	Male	Female	No Slip	Male	Female	No Slip	
January	6	5	2	1	9	9	32
February	7	4	1	7	9	6	34
March	3	4	3	1	15	4	30
April	11	3	3	5	16	3	41
May	3	6	4	3	13	2	31
June	6	8	5	6	24	2	51
July	12	14	4	7	35	4	76
August	18	11	7	9	34	4	83
September	16	18	5	9	33	15	96
October	21	11	10	10	37	6	95
November	18	10	4	14	42	9	97
December	17	8	4	26	46	14	115
Total	138	102	52	98	313	78	781

SPUTUM EXAMINATIONS FOR TUBERCULOSIS, 1919.

MONTH	POSITIVE			NEGATIVE			TOTAL
	Male	Female	No Slip	Male	Female	No Slip	
January	19	11	—	59	46	3	138
February	20	10	—	50	57	2	139
March	15	16	1	80	62	8	182
April	27	20	1	55	50	3	156
May	13	19	—	81	71	2	186
June	12	17	—	60	77	3	169
July	15	23	2	48	59	1	148
August	29	13	2	44	40	—	128
September	12	10	2	40	39	4	107
October	7	15	2	53	60	2	139
November	17	10	1	68	57	4	157
December	21	16	—	65	73	3	178
Total	207	180	11	703	691	35	1827

EXAMINATIONS FOR TYPHOID, WIDAL, 1919.

MONTH	POSITIVE			NEGATIVE			TOTAL
	Male	Female	No Slip	Male	Female	No Slip	
January	—	2	—	6	2	—	10
February	2	—	—	3	7	6	18
March	3	3	—	5	10	3	24
April	1	2	1	7	3	3	16
May	3	1	—	7	8	2	22
June	5	3	—	8	13	2	31
July	5	3	—	12	12	—	32
August	6	2	1	14	20	6	49
September	6	6	2	7	13	4	38
October	13	6	2	22	12	1	56
November	5	6	—	12	14	7	44
December	5	3	—	12	15	5	40
Total	54	37	6	115	129	39	380

WASSERMANN REACTION FOR SYPHILIS, 1919.

MONTH	BLOOD SERA.				SPINAL FLUIDS.			TOTAL
	Pos.	Neg.	Doubtful.	Anti-comp.	Pos.	Neg.	Doubt.	
January	101	230	4	4	—	1	—	340
February	104	193	13	2	3	1	—	316
March	63	229	12	5	1	7	—	317
April	95	309	10	8	2	7	—	431
May	87	282	7	4	—	5	—	385
June	70	329	4	5	1	1	—	410
July	95	348	5	7	1	4	—	460
August	115	382	13	3	—	2	—	515
September ...	92	330	12	—	4	4	1	443
October	139	336	17	10	3	4	1	510
November	149	262	17	7	2	2	—	439
December	144	314	6	12	4	10	—	490
Total	1254	3544	120	67	21	48	2	5056

LABORATORY OUTFIT STATIONS.

For the convenience of physicians and hospitals the following list of places where Laboratory outfits may be obtained is appended:

OUTFIT STATIONS.

CITY OR TOWN	AGENT	CITY OR TOWN	AGENT
Acton	C. W. Grosse	Castine	W. A. Walker
	P. O. Milton	Charleston	Dr. F. B. Weymouth
	Mills, N. H.	Cherryfield	Dr. W. A. Van Wart
Albion	A. C. Ross, M. D.	Clinton	P. A. Cotton
Alfred	Dr. S. B. Marshall	Columbia Falls	Mary R. Chandler Phar
Andover	Dr. F. E. Leslie	Corinna	H. J. Goulding
Anson	Dr. R. G. Stanwood	Cornish	G. H. Parker
Appleton	Dr. B. F. Keller	Damariscotta	Dr. W. H. Parsons
Ashland	Dr. A. B. Hagerthy	Danforth	Danforth Drug Co.
Athens	Dr. L. C. Williams	Deer Isle	Dr. C. E. Wasgatt
Atlantic	Dr. I. B. Gage	Dennysville	Dr. J. W. Crane
Auburn	H. W. Getchell	Dexter	E. A. Brewster Co.
Augusta	H. E. Goodrich	Dixfield	G. O. Gardner
Bangor	East Side Phar.	Dixmont	Dr. O. A. Menges
Bangor	Essex Pharmacy	Dover	E. E. Cole & Co.
Bar Harbor	Fred Gonya	Eagle Lake	Dr. H. E. Wilkinson
Bath	Webber Drug Store	E. Lebanon	Dr. D. L. Murray
Belfast	W. O. Poor & Son	E. Machias	F. W. Kingsley
Belgrade	Dr. L. E. Reynolds	E. Millinocket	W. A. Johnston
Berwick	Dr. W. T. Elliott	Eastport	Havey & Wilson
Bethel	W. E. Bosserman	Eliot	Dr. H. I. Durgin
Biddeford	H. Boynton	Ellsworth	Alexander Phar.
Biddeford	J. W. Mahoney	Enfield	Dr. W. J. Hammond
Bingham	E. W. Moore	Fairfield	Wilson Phar.
Blaine	Corner Drug Store	Farmington	Hardys Phar.
Bluehill	Dr. Otis Littlefield	Ft. Fairfield	Ft. Fairfield Drug
Boothbay Har.	Harris Drug Co.	Ft. Kent	Stanley Burrill
Bowdoinham	Dr. I. C. Irish	Foxcroft	W. Buck & Co.
Bradford	Dr. F. A. Bickford	Franklin	Dr. C. S. Underhill
Brewer	Merrill Drug Co.	Freeport	W. V. Cole
Bridgewater	Dr. E. H. Jackson	Friendship	Dr. W. H. Hahn
Bridgton	F. P. Bennett	Fryeburg	C. T. Ladd
Bristol	Dr. J. W. P. Goudy	Gardiner	Jackson Bros.
Brooks	A. R. Piley	Georgetown	Dr. R. C. Jackson
Brownfield	Dr. H. F. Fitch	Goodwins Mills	F. W. Morse
Brunswick	Wilson Phar.	Gray	R. G. Hall
Buckfield	J. A. Ranson	Greene	Dr. O. E. Hanscom
Bucksport	R. B. Stover	Greenville	I. A. Harris
Bryants Pond	Dr. R. F. Willard	Guilford	Genthner Bros.
Calais	P. L. Lord	Gorham	E. F. Carswell
Cambridge	Dr. J. A. Wilson	Hallowell	W. D. Spaulding
Camden	L. M. Chandler	Harmony	Dr. J. S. Dyer
Canaan	Dr. F. E. Earle	Harrington	Dr. G. L. Burritt
Canton	N. Reynolds	Harrison	F. P. Freeman Co.
Caribou	Caribou Drug Co.	Hartland	R. C. Hamilton
Carmel	Dr. R. L. Mitchell	Hebron	Maine Sanatorium

OUTFIT STATIONS—Continued.

CITY OR TOWN	AGENT	CITY OR TOWN	AGENT
Houlton	H. J. Hatheway Co.	Old Orchard	Dr. A. L. Jones
Island Falls	S. R. Crabtree	Old Town	H. M. Burnham
Islesboro	Dr. B. E. Larrabee	Orono	C. F. Nichols
Jackman	W. L. Barney Co.	Orrs Island	Dr. E. P. Gregory
Jefferson	Dr. A. W. Nash	Oxford	G. H. Jones
Jonesport	H. A. Mansfield	Palermo	Dr. M. M. Small
Kennebunk	A. W. Meserve	Patten	Patten Drug Co.
Kennebunkport	C. C. Miller	Peaks Island	Ranslows
Kezar Falls	M. H. Ridlon	Pemaquid	Dr. F. W. Clarke
Kingfield	L. L. Mitchell	Phillips	F. E. Parker
Kingman	Dr. Geo. Dupont	Phippsburg	Dr. A. F. Williams
Kittery	Clarke & Rogers	Pittsfield	Berry's Pharmacy
Lewiston	R. W. Clark	Portland	Chapman & Wyman
Lewiston	Warren Riker	Portland	G. C. Frye
Lewiston	Wiseman Drug Store	Portland	H. H. Hays Sons
Lewiston	National Phar	Portland	West End Drug Co.
Limerick	Dr. I. W. Carpenter	Presque Isle	W. R. Thompson & Co.
Limestone	Gammon Bros.	Prospect Har.	Dr. C. C. Larrabee
Lincoln	H. L. Bailey	Rangeley	Riddles Phar.
Litchfield Plain	G. Roberts, Jr.	Readfield	G. W. & M. W. Manter
Lisbon Falls	E. H. Webber	Richmond	W. J. Bibber
Livermore Falls	E. P. Smart	Robbinston	Dr. Chas. Armstrong
Lovell	Dr. E. J. Noyes	Rockland	Pendleton Pharmacy
Lubec	D. A. Gillis & Co.	Rockland	Johnstons Drug Store
Machias	D. A. Curtis Co.	Rockport	Dr. S. Y. Weidman
Madison	H. H. Haines	Rumford	Bower's Phar.
Maplewood	Dr. A. S. Davis	Rumford	Rumford Drug Co.
Mars Hill	Kincaid & Wilson	Sabattus	E. Woodside
Mechanic Falls	Merrill & Denning	Saco	C. H. Sawyer
Mexico	Dr. H. J. Binford	Saint Francis	Dr. E. H. Field
Milbridge	Dr. J. A. Walling	Sanford	P. S. Demers
Millinocket	W. H. St. John	Sangerville	A. F. Marsh
Millinocket	Whalen's Drug Store	Seal Harbor	Fr. W. H. Rockwell
Milo	W. S. Owen	Searsport	Searsport Drug Co.
Monmouth	C. W. Prescott	Sedgwick	Dr. R. E. Hagerthy
Monson	R. M. Hescoek	Skowhegan	Sampson & Avore
Mt. Vernon	H. E. Williams, M. D.	Smyrna Mills	Dr. F. W. Tarbell
Naples	Dr. J. P. Fickett	Solon	L. W. McIntire
New Gloucester	Dr. J. J. Sturgis	S. Berwick	B. F. Davis
Newport	G. M. Barrows	S. Brewer	F. D. Wyman
New Sweden	N. E. Ringdahl	S. Paris	C. H. Howard Co.
Norridgewock	Dr. J. D. Ames	S. Portland	T. F. Devine
N. Anson	F. H. Holley	S. Waterboro	Dr. W. J. Downs
N. Berwick	R. H. Hurd	S. Waterford	Eugene Nelson
N. Ea. Harbor	C. N. Small	S. Windham	A. L. Hoyt
N. Fryeburg	Dr. H. L. Craft	Springfield	Dr. B. G. Jewett
N. Haven	Frans Leyonborg, M.D.	Springvale	L. B. Trafton
N. N. Portland	Dr. E. F. Pratt	Standish	Dr. W. E. Freeman
N. Vassalboro	Dr. F. D. Walker	Steeple Falls	F. L. Strout
Norway	Frank Kimball	Stonington	Noyes Pharmacal Co.
Oakfield	Oakfield Drug Co.	Stratton	A. N. Williams
Oak Grove	G. L. Jones	Strong	C. E. Dyer
Oakland	S. J. Foster	Sullivan	Dr. R. A. Black
Ogunquit	Dr. J. W. Gordon	Swans Island	Dr. A. J. Fuller

OUTFIT STATIONS—Concluded.

CITY OR TOWN	AGENT	CITY OR TOWN	AGENT
Thomaston	Whitney & Brackett	Weld	Dr. C. E. Proctor
Topsham	Dr. H. O. Curtis	Westbrook	C. B. Woodmans Sons
Troy	Dr. T. M. Dodge	W. Buxton	Dr. E. M. Varney
Union	Dr. L. W. Hadley	W. Enfield	Dr. S. N. Marsh
Van Buren	T. N. Findlen	W. Paris	S. T. White
Vanceboro	Dr. S. Johnston	West Pownal	Dr. S. A. Vosmus
Vassalboro	S. B. Richardson	W. Southport	J. N. Payson
Vinalhaven	Lyford & Ginn	W. Sullivan	Dr. H. A. Holt
Waldoboro	W. N. Gallagher	Wilton	The Wilton Pharmacy
Warren	H. Newman	Winn	Dr. F. D. Sherrard
Washburn	Scates & Co.	Winter Harbor	Dr. A. E. Small
Waterford	E. L. Stone	Winterport	F. C. Atwood
Waterville	J. H. DeOrsay Co.	Winthrop	C. P. Hannaford
Waterville	Dunbar Drug Co.	Wiscasset	A. W. Kierstead
Wayne	J. A. Ridley	Woodland	Chas. McInch
Webster	Charles W. Coombs	Wytopotlock	Dr. H. W. Johnson
	P. O. Sabattus	Yarmouthville	Cook's Drug Store
Weeks Mills	A. B. Morrison, M. D.	York Village	J. F. Sanford

BATH BRANCH LABORATORY.

Bacteriologist in charge, CHESTER S. KINGSLEY.

Dr. Leverett D. Bristol, Commissioner of Health:

SIR:—I have the honor to submit the following report on the examinations made in the Bath Branch Laboratory for the year ending December 31, 1919. This work was carried on in conjunction with my other duties as Health Officer of Bath.

Respectfully,

CHESTER S. KINGSLEY.

Wassermann tests for syphilis	85
Positive	28
Negative	52
Doubtful	5
Von Pirquet test	1
Milk samples tested	611
Swabs examined for diphtheria	45
Positive	0
Negative	45
Smears examined for Gonococci	148
Bacterial and fermentation tests of public water supply ..	58
Bacterial and fermentation tests of private water supplies	14

Positive	64	
Negative	84	
Examinations for spirochaeta pallida		2
		<hr/>
		Total 964
Positive	0	
Negative	1	
Doubtful	1	

DIVISION OF SANITARY ENGINEERING

Director and Chemist, HENRY D. EVANS, M. A.

Dr. Leverett D. Bristol, Commissioner of Health:

SIR:—In accord with your directions I am appending a brief summary of the work done in the Division of Sanitary Engineering for the year ending December 31, 1919.

Respectfully,

H. D. EVANS,

Director and Chemist.

Owing to a change in the directorship of this division at the end of the year, it will only be possible to give a brief resumé of the work done during the year 1919. There were examined in the water laboratory 1852 samples of water. All of these samples were given full sanitary analyses, the methods employed being practically in accord with the methods of the American Public Health Association. Besides the regular chemical analyses the samples were examined bacteriologically after the following manner. All samples were plated upon gelatine for gelatine counts at 20 degrees C. Also all samples were given presumptive tests for *B. Coli* in dilution of one-tenth c.c., one c.c., and ten c.c. The media used was lactose bile.

Out of the total 1852 samples 967 came from the public water supplies of the state, the remainder being derived from miscellaneous private sources.

Of the 885 samples from private sources 438 were derived from dug wells, 13 from driven wells, 104 from drilled wells, 197 from springs, 2 from cisterns, 25 from brooks, 30 from rivers and 31 from lakes.

161 of the samples examined were found to contain lead where either lead or lead lined pipes were employed.

The total number of samples from private supplies during 1919 exceeds that of 1918 by 313 samples. This condition no doubt is due to the effect of the cessation of war upon the summer population of the state, as a large percentage of the requests were from the summer resorts scattered throughout the state.

The detailed figures of the analyses of the water samples for the year 1919 are on file at the office and are available for inspection to any one who may have reason for examining them.

PUBLIC WATER SUPPLIES.

The control of the public supplies of the state has for the past few years been in the hands of the Public Utilities Commission. The analytical work in connection with these samples is being done in our laboratory. Since the control of the public supplies was taken over by the above mentioned Commission all recommendations made by this laboratory relative to the correction of unsatisfactory conditions shown to exist in any of the supplies have been promptly attended to.

There are at the present time in this state 161 public water supplies doing a year round business. In addition to this there are five water supplies which operate only during the summer months being located in the summer colonies along the coast. All of the regular public supplies have received analyses at least once in three months excepting where through recommendation from this laboratory or through advice from the Public Utilities Commission more frequently analyses were deemed necessary.

In addition to the water analyses a number of special analyses have been made. Also a number of inspections were made of water supplies which had gone bad, and advice given to the water companies as to the proper methods of caring for their source of supply to prevent recurrence of contamination.

To save space in this report, various recommendations to The Public Utilities Commission are not included, but are on file in this office. Furthermore, details as to the recent improvements and present conditions of various public water supplies are not included in this report, but these are on file in the

office of the Public Utilities Commission which at present has jurisdiction over this matter.

MILK ANALYSES.

This year arrangements were made with the Department of Agriculture to do their routine milk analyses at this laboratory instead of at the Maine Experiment Station at Orono. The first of these samples were done in July and a total of 187 samples were examined during the remainder of the year.

Following is a monthly summary of analyses of water samples:—

WATER SAMPLES EXAMINED, 1919.

PRIVATE SOURCES.

Month	Dug Well	Driven Well	Drilled Well	Spring	Cistern	Brooks	River	Lake	Ice	Public Supplies	Total
January	20	—	4	3	1	—	4	2	—	124	158
February	8	—	1	9	1	—	—	1	—	62	82
March	13	—	7	10	—	1	2	—	—	15	48
April	25	1	7	11	—	2	2	1	—	105	154
May	27	2	3	11	—	—	3	2	—	75	132
June	63	2	17	33	—	4	4	5	—	83	211
July	64	4	20	28	—	7	8	7	—	131	269
August	65	1	16	29	—	1	—	4	—	96	212
September	42	—	6	12	—	1	1	3	—	45	110
October	45	3	15	22	—	4	4	1	—	75	169
November	37	—	2	9	—	4	—	4	—	95	152
December	29	—	6	20	—	1	2	1	—	61	125
Total	438	13	104	197	2	25	30	31	—	967	1852

The work of the Division of Sanitary Engineering of the State Department of Health for the year ending December 31, 1919, may be summarized as follows:—

ROUTINE WATER EXAMINATIONS.

Chemical Tests	1,852	
Bacteriological Tests	1,852	
		<hr/>
Total	3,704	3,704

MISCELLANEOUS EXAMINATIONS.

Mothers milk	2	
Water for lead only	4	
Water for Bacteriological test	8	
Water for Microscopical test	25	
Water for algae	1	
Water for oil	1	
Water for acid	1	
Water for filter sediment	1	
Meal analysis	1	
Pipe sediment	1	
Rock analysis	1	
Butter analysis	1	
		<hr/>
Total	47	47
Milk analyses for department of agriculture ...		
		<hr/>
Total	187	187

FIELD INSPECTION.

Milo	1	
Sebago & Y. M. C. A.	2	
Belgrade	1	
Pittsfield	1	
Topsham	1	
Damariscotta	1	
		<hr/>
Total	7	7
Grand Total		3,945

DIVISION OF VENEREAL DISEASES

Director, H. E. Hitchcock, M. D.

Dr. Leverett D. Bristol, Commissioner of Health:

SIR:—I have the honor to submit the following report of the activities of the Division of Venereal Diseases for the year ending July 31st, 1920, which is the end of the Federal fiscal year.

Respectfully,

H. E. HITCHCOCK,

Director.

RULES AND REGULATIONS FOR THE CONTROL OF VENEREAL DISEASES.

The revisions during the year, of the rules and regulations for the control of venereal diseases recognizes the desirability of reducing the regulations in number and volume in keeping with the enlightenment and co-operation of the people in the work of stamping out disease.

APPROPRIATIONS, FEDERAL AND STATE.*Federal.*

The Federal allotment to the State of Maine of the Chamberlain-Kahn fund for the year 1919-20 was \$8071.68.

State.

The state appropriation by which the Federal fund became available was \$8071.68, a total of \$16,143.36.

Budget.

In making up the budget such provision as was made toward financing the several clinics was modified repeatedly in an effort

to achieve a uniform basis upon which all clinics might be considered.

Since no two clinics had been organized in the same way, because of the different angle of approach to the subject in different communities, and it had not been ascertained what factors could be counted upon common to all places considered, no definite proposition could be made to any city or town based upon any sum of money at the disposal of the Health Department, such action being deferred pending a canvas of all places under consideration, to the end that a recommendation could be offered the Assistant Surgeon General of the U. S. P. H. S. which would receive his approval, without which nothing could be done.

This has now been accomplished, and provides for ten clinics.

CLINICS AND TREATMENT.

State and Federal funds were used in equipping and conducting clinics for the free treatment of those unable to pay. A nominal charge being made to others to help defray expenses and to encourage those wishing to pay.

Arsphenamine ("606" or Salvarsan) was furnished clinic chiefs for use at the clinic only. Nurse hire in certain instances was provided. Most clinics are financed jointly by community and State.

Follow up work, and important feature of clinic administration consisting of visits by a nurse to the family in search of a patient who has not returned to the clinic when due for treatment. The nurse induces him to return, also as many of his family as possible who may have been exposed to infection.

Such work has been very successfully done in connection with clinics at Portland, Bath and Augusta in particular.

No clinic can be properly conducted without follow-up work in addition to nurse service at the clinic.

No physician has received pay for his services to the venereal clinic. The cooperative spirit of these physicians can be judged in no other way than by a comparison of the personal sacrifice involved, with the sacrifice on the part of any other public spirited citizen contributing to the general welfare of the com-

munity in the same personal way and in a work of the same degree of popularity.

Those physicians and nurses who have given their time and skill to the work of demonstrating the need and practicability of venereal clinics have every right to expect recognition by their public in the financial support required to continue the clinics upon a basis of adequate pay to nurse and physician.

A brief case history or two may be helpful:—An oculist of Augusta referred the case of a child to the clinic chief for treatment; the doctor asked if there were any danger to the already nearly extinct sight, and was assured that the sight would be lost in a short time any how. Upon returning for a second dose of arsphenamine, the first one having been but small and cautiously given, the child imagined she could see better. After the second dose she was sure she could. The third dose restored her sight and, she declared she could see better than ever before in her life,—Case of hereditary syphilitic iritis saved from total blindness.

In Portland a woman living in the western end of the town was determined syphilitic by her physician, who had hard work to restrain her husband from leaving her at once. The doctor was satisfied that there was accidental infection and exerted himself to trace it to its source.

Meanwhile very much the same thing was taking place at the eastern end of the town. The two physicians compared notes and eventually discovered a fruit vender where both these ladies bought apples which they ate on their way home. Both contracted what they believed obstinate "cold" sores at about the same time;—these were chancres from contact with fresh virus deposited upon the fruit in handling by the actively syphilitic fruit vender.

Twenty-one cases of syphilis at the State School for Girls have been rendered non-communicable at the Augusta Clinic. These girls go into homes all over the State, and without treatment some of them would spread venereal disease.

Treatment for venereal diseases is now given at the following named clinics:

	<i>Chief of Clinic.</i>
Mason Dispensary, Portland,	Dr. G. A. Pudor.
Bath Health Center, Bath,	Dr. L. T. Snipe.
Miner's Hospital, Calais,	Dr. W. N. Miner.
Eastern Maine General Hospital, Bangor,	Dr. H. J. Hunt.
Augusta Health Center (207 Water) Augusta,	Dr. G. A. Coombs.
Lewiston,	Dr. Frank Scannell.
Brunswick,	Dr. E. G. A. Stetson.
Rumford,	Dr. J. A. Thibodeau.
Eastport,	Dr. John Brooks.
Sanford,	Dr. R. A. Ross.
Waterville,	Dr. T. E. Hardy.

Clinics at Presque Isle, Houlton, South Paris, Biddeford and Milo have been more or less developed, and await completion.

FILMS AND LECTURES.

Two new films have been purchased making three owned by the Health Department, "The End of the Road" and "Venereal Diseases, their Cause and Results." The "End of the Road" is of seven reels and the other is but two reels. These films with the "Fit to Fight" film, have been shown to full houses throughout the state. A preliminary talk having been given in each instance explaining the character and results of venereal diseases.

Where the use of a portable projecting machine could be obtained these films have been shown to employees in industries; a fine feeling of cooperation has been shown in every instance and employers have shown that they appreciated the part played in the efficiency program of their plant by the health of employees.

Two portable film projecting machines have recently been purchased with which to exhibit films among the industries and to groups generally without resort to moving picture theatres. In the past, theatre managers have been very generous, and have rarely asked any rental for the showing of these films.

Several attractoscopes have been purchased for automatically showing slide sets in railway stations.

RED LIGHT DISTRICTS. SEGREGATED DISTRICTS AND
ACKNOWLEDGED HOUSES OF PROSTITUTION.

There are no red light or segregated districts in Maine. In the larger cities are certain houses known to the police and as a rule the proprietor has been before the court from time to time upon a charge of disorderly conduct, or of keeping a house of ill-fame, and the fact that there are any such places left shows how difficult it is to close them permanently. Such a place in any community defeats the work of the Health Officer and of the State Health Department and spreads venereal diseases faster than any number of clinics can possibly cure them.

The house of prostitution is the preparatory school to the Insane Asylum. At Augusta the cost to the state of caring for the syphilitic insane for the current year is \$11,040.00.

An ordinance providing for the licensing of such occupations as foster prostitution is strongly recommended. Be it understood that this is not licensing prostitution, but a method of securing compliance with the terms of a license which forbids pandering to prostitution, or in any way abetting sex crimes which result in the spread of venereal disease, by revoking the license instead of submitting to the delays and uncertainties of ordinary court procedure in which case the criminal is all too frequently released with a disposition to greater activity rather than less.

LAW ENFORCEMENT.

Many difficulties are encountered in any attempt to enforce the venereal disease law. A partial solution of these difficulties is offered in the "V. D. Bulletin #39." A compilation of adjudicated ordinances in successful use in many cities of other states, providing for the licensing of those occupations which commonly lend themselves to practices most active in spreading venereal diseases. The public dance-hall, jitney or common carrier and the lodging house, including hotels, in particular.

Revoking the license for cause, places the burden of proof

upon the offender, very much facilitating law enforcement.

"Bulletin No. 39" has been issued to the cities and larger towns of Maine and personal effort has been made to interest them in the better enforcement of the venereal regulations and law against prostitution.

Some general reluctance has been encountered in getting the record kept of physical examinations made of the inmates of jails, the immediate cost to the county being offered as sufficient reason for such neglect. This overlooks the cost to the State if a case of syphilis or gonorrhoea is released in a communicable stage upon an unsuspecting public. Assurance may be given however that the work is being done wherever any question has been raised.

There is evidence of a general movement in the cities toward local legislation providing for the apprehension of disease carriers, and especially their elimination as food handlers; until a state detention home is provided with ample facilities for isolation and treatment of non-communicable cases of active venereal disease all effort at successful control is continually defeated by the uncontrolled conduct of the infected.

FAKE ADVERTISING.

Credit is due those newspapers which have consistently declined advertising however lucrative, of remedies purporting to cure venereal diseases and sex complaints. Such advertising is known to be based upon false claims and to rank with drug store treatment in being responsible for the multitude of disease carriers known to exist.

THE CHURCH.

An appeal to the church for aid has met with cordial assurance of cooperation and active interest and it is believed that much increased understanding of the character and object of the work must result from its intelligent presentation by the clergy, in a purely social and informal manner.

REPORTING.

Reporting, by physicians, of a number corresponding to each

venereal case, in compliance with the law, is very encouraging although leaving something to be desired yet.

Of 1175 physicians in the State of Maine 389 have pledged themselves to report as required and to cooperate with the State Health Department in the control of venereal disease. June 30, 1920 there were on record as reporting 367 physicians.

This is not to be taken as representing the whole number of physicians who should report. Of those who do not report a few have had nothing to report, but the known prevalence of venereal disease and statements of druggists agree in supporting the inference that some physicians are not reporting as they are required to do.

Any person who from selfish or mistaken motives or indifference contributes toward the defeat of this great humanitarian effort is wrong, and it should be the duty of any and every citizen to make his own position in the matter quite clear to his physician. A mistaken conception of public sentiment is all that makes slow or uncertain the successful prosecution of this most conservative of all life saving service.

EDUCATIONAL.

The question of sex education in the schools although urgent, is secondary to ordinary decency taught in the home. Lax morals and low standards of conduct are fundamental faults which no amount of instruction in social hygiene can correct.

Because of children who have no parents, and others no better off, schools must assume the burden.

Several states have drawn up a scheme for presenting the subject of sex hygiene in connection with the school curriculum. The consensus of opinion being in favor of a simple restoration to its natural place from which the subject seems to have been deleted.

Few schools teach biology, and but few have a physical director qualified in training and personality to teach sex hygiene. We have no assurance that provision is being made in normal schools in keeping up with the great demand for such instructors.

Instruction chiefly through the mails has been given by the

distribution of 294,785 pamphlets and folders. Placards framed behind glass have been placed in every railway coach and station toilet and in many hotels. Several thousand more are ready for placing.

Lectures and film showings have been given from the stage in nearly every community of any considerable size in the state and in many industries.

The newspapers have contributed editorials, while leading magazines have reflected the world's progress in breaking these ancient chains of bondage.

The daily newspapers throughout the state with one exception have carried a two column four inch advertisement calling attention to the State Health Department as a source of information in regard to the location of clinics and physicians prepared to give free treatment, where needed. Bath has advertised its Health Center in a large advertisement carried by the Bath Daily Times. Every community having a venereal clinic should advertise it freely.

A most encouraging reaction of the venereal disease campaign in Maine is the hundreds of requests that are on file and continue to come in for literature giving extended reliable information.

Every walk in life is represented in these letters of request. Manufacturers and the industries generally as well as business men are coming to appreciate the relation disease and especially venereal disease bears to efficiency in their employees.

Schools and the better homes are no less interested since no state is exempt.

RECOMMENDATIONS.

1. *A Protective Association for Women and Girls should be established.* The secret sexual offense of a young girl should never be made public or even the subject of official investigation until a woman agent of a protective association has done her best and failed. The organization and financing of such an association is commended to the Women of Maine Federated Clubs.

2. *Every precaution against accidental infection should be taken.* Toilet articles and seats, syringes, and surgical instru-

ments, table cutlery, dishes and food stuffs must be regarded as occasional media of infection. It would be well to scrutinize the table girl who leaves her finger prints upon the rim of your glass at the hotel or restaurant table, and bear in mind that a syphilitic sore throat may not mar a faultless complexion.

3. *A State Detention Home is needed.* The apprehension of a person infected with a venereal disease for the purpose of treatment, to the end that the public may be protected is a task but half done, if the person is released only to become again infected through failure to profit by the instruction given. This entails unending expense to the State and Municipality, and really accomplishes nothing.

An institution under whatever benevolent title of school or home should be equipped to care for girls committed to its care according to their classifications of reclaimable or incorrigible, and the incorrigibles, once determined to be beyond redemption should be sent to Skowhegan.

Reclaimable inmates representing several degrees of depravity should not be allowed to mingle.

The mentally defective should be separately cared for.

The practice of paroling should keep under observation many times the capacity of the institution.

Finally, all regulations that pertain to women and girls should apply with equal force to men.

A state detention Home is strongly urged as an essential factor in the control of venereal diseases.

Following is a statistical summary of the work done during the two year period ending June 30, 1920.

I. Clinics.	1918-19	1919-20
(a) Number of venereal disease clinics	8	13
(b) No. of cases of gonorrhoea treated	73	155
(c) No. of cases of syphilis treated	182	414
(d) No. of cases of chancroid treated	0	9
II. Reports.		
(a) No. of cases of gonorrhoea reported	674	1,434
(b) No. of cases of syphilis reported	426	787
(c) No. of cases of chancroid reported	3	42
III. Arsphenamine.		
Number of doses of arsphenamine (or similar product) administered	635	1,638

IV.	Detention.		
	Number of cases of venereal diseases in detention homes	0	6
V.	Hospitalization.		
	No. of cases (not included above) Hospitalized	0	26
VI.	Publicity.		
	(a) No. of requests for pamphlets received		
	(1) Forwarded from the U. S. Public Health Service	293	248
	(2) Directly from the public	105	215
		<hr/>	<hr/>
	Total.....	398	463
	(b) Pamphlets distributed		
	(1) In response to requests received	2,065	43,728
	(2) In general circularizations	25,746	240,473
		<hr/>	<hr/>
	Total.....	27,811	284,201
	(c) No. of pamphlets purchased and reprinted,	46,974	344,000
VII.	Lectures.		
	Number of lectures and addresses given	62	26
VIII.	No. cities (10,000 population and over) visited	5	54
	No. rural communities (under 10,000 population) visited	24	48

DIVISION OF HOTEL INSPECTION

Inspector, A. S. Dean.

Dr. Leverett D. Bristol, Commissioner of Health:

SIR:—I have the honor to submit the following report on Hotel Inspection in the State of Maine during the Summer of 1919.

Respectfully,

A. S. DEAN,

Hotel Inspector.

REPORT OF HOTEL INSPECTOR, 1919.

EXTENT.

Two hundred fifty-three hotels were inspected in Maine in the summer of 1919. The term of service of the hotel inspector was from July 8 to September 19,—a total of seventy-four days. The plan of procedure was to reach in the time available the resorts which had the most summer visitors. The distribution of hotels inspected is shown by numbers for towns and counties in the following table:

HOTELS INSPECTED.

<i>County.</i>	<i>Towns.</i>	<i>Hotels.</i>
York—Old Orchard (33), Kennekunkport (15), Ogunquit (15), York (12), Kennebunk (9), Biddeford (3), Wells (3), Kittery (1)		91
Cumberland—Portland (20), including Peaks Island (6), and Long Island (2), Harpswell (10), including Bailey's Island (6), and Orr's Island (4), Prout's Neck (6), Cumberland; Great Chebeague (5), South Harpswell (4), Brunswick (1), New Gloucester (1), Scarborough Beach (1)		48

Hancock—Bar Harbor (8), Mount Desert (6), Deer Isle (5), Southwest Harbor (5), Blue Hill (4), Brooklin (3), Winter Harbor (2), Bucksport (1), Castine (1), Ellsworth (1), Sedgwick (1)	37
Lincoln—Southport (10), Boothbay Harbor (7), Bristol (6), Bothbay (4), Monhegan (3), South Bristol (3), Damariscotta (1), Newcastle (1), Wiscasset (1), Waldo (1)	37
Knox—Rockland (4), Camden (2), North Haven (2), Vinal Haven (2), Port Clyde (1), Rockport (1), South Thomaston (1), Thomaston (1)	14
Waldo—Belfast (2), Northport (2), Dark Harbor (1), Searsport (1), Stockton Springs (1), Winterport (1)	8
Penobscot—Bangor	6
Androscoggin—Poland	3
Kennebec—Belgrade	3
Franklin—Rangeley	3
Sagadahoc—Bath	2
Piscataquis—Mount Kineo	1

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LOCATION.

Ninety-four per cent of the hotel establishments inspected were along the coast,—the territory most thoroughly covered. Representative places at lake resorts, and commercial hotels in Portland, Bangor, and some small towns were also visited. Of the total number of hotels called at, eighty-two per cent were open primarily for the summer season,—from the first of July to Labor Day. Ninety-four per cent of the buildings were of wooden construction. One hundred hotels received first inspection in 1919.

PERSONNEL.

Hotel inspections were made by three persons. Mr. W. E. Brown, full time health officer for the town of York, appointed by Dr. Bristol to inspect hotels in the town of York, submitted reports for twelve hotels. Mr. A. P. Pratt, health officer for

the Southwestern District of Maine, made a report in June of one hotel in Kennebunkport. The hotel inspector visited 240 hotels and in addition found ten previously inspected hotels closed. Inspector also went to twelve rooming houses, four bath houses, and six restaurants first reported in 1917 or in 1918. Total number of inspector's individual card reports was 272.

SANITARY CONDITIONS.

Impression of general sanitary conditions at the hotel establishments was recorded on the five by seven inch detailed report card for each hotel, as suggested in Mr. V. L. Ellicott's admirable, "Manual for the Sanitary Inspection of Hotels." The designation, was "Good", or better, for 75.5 per cent of the hotels.

HOTEL RATINGS.

<i>Rating.</i>	<i>Number.</i>	<i>Per Cent.</i>
Excellent	22	8.7
Very good	23	9.1
Good	146	57.7
Fair	45	17.8
Poor	17	6.7
	253	100.0

VIOLATIONS

The total number of violations of the rules and regulations of the State Department of Health governing the sanitary conditions of hotels, as in the following table is 255.

HEALTH REGULATIONS VIOLATED.

<i>Rule.</i>	<i>Violations.</i>	<i>Per cent.</i>
1 Dirty lot	11	4.3
2 Food in kitchen exposed to dirt	8	3.2
2 Food exposed to flies	10	3.9
3 Dirty refrigerator	8	3.2
3 Decayed food in refrigerator	2	0.8
3 Temperature of refrigerator above 50° F	2	0.8
4 Kitchen lacking screens	30	11.7
5 Garbage exposed to flies	29	11.5

8 Unclean room for help	5	2.0
8 Unclean toilet room	5	2.0
9 Bed linen not changed	1	0.4
10 Polluted water supply	2	0.8
11 Water not analyzed	60	23.7
12 Dry closet not fly tight	16	6.3
13 Sewage overflow to street	1	0.4
13 Plumbing out of order	5	2.0
13 Common towel for food handlers	50	19.8
13 Common drinking cup	10	3.9
	255	

MILK, WATER AND SEWAGE.

From the record of water source, sewage system, and name and address of milkman, was compiled this table.

	<i>Number of Hotels</i>	<i>Per Cent</i>
Private Water supply	73	29
Private sewage disposal system	140	55
Sewer pipe to water	74	29
Cesspool	38	15
Dry closet	39	15
Chemical closet	1	0.4
Milk from own cow	62	25
Milk directly from creamery	35	13

Comparison of figures in the two preceding tables shows designation, was "Good", or better, for 75.5 per cent of the the following conditions. Eighty-two per cent of private cent of dry closets were not fly tight.

STEPS TAKEN.

The violations of the rules and regulations were explained to the proprietor, or person in charge of hotel, and effort made to secure promise of improvement. Copy of the rules on cardboard was put on kitchen wall by the inspector. Notice for food handlers to wash hands after using toilet was also posted. In case water needed analysis, a card, with request for bottle from the Water and Sewage Laboratories was provided for the proprietor to sign and mail. "Rural Methods of Waste Disposal", a bulletin, and other printed information was left with

persons who would have charge of improving hotel sanitation. Hotel men were invited to cooperate with the State Department of Health.

REPORTS.

Nine reports, each, in general, for the work of a week, were sent by the inspector to the State Department of Health. Attention was directed specifically to the insanitary conditions stated on cards for nineteen hotels and to the good conditions of another. In the weekly reports, note was made of four druggists in three cities who advertised, in hotel toilet rooms, proprietary medicines for venereal diseases, in violation of the law. At some hotels, notices were torn down in the presence of the inspector. Action in regard to the druggists was taken by the Director of the Division of Venereal Diseases.

INTERESTING DATA.

Data on card reports for hotels included, in approximate figures, the number of rooms for guests, the rate for room and board, and the number of male and female employees. The arrangement of quarters for help was noted particularly at the large hotels. For the 253 hotels visited, there were about 12,100 guest rooms, with accommodations for 24,200 persons, quoted rates ranged mostly from \$2.00 to \$10.00 a day,—although neither figure was the extreme. Some 2200 males and 3900 females were employed. Thirty-six per cent of the employees were male. The average hotel employed nine males and sixteen females, and had fifty guest rooms with 100 guests at \$4.00 a day. There was one employee to four guests.

CERTIFICATES.

Seventy-one hotel inspection certificates were granted in 1919, up to September 19th. The possible eligibility of hotels for certificate is indicated as follows:

<i>Certificate.</i>	<i>Number of Hotels. Per Cent.</i>	
Recommended for certificate	154	60.9
Recommended if water proved satisfactory	34	13.4
Not recommended	65	25.7
	253	100.0

Thirty-seven per cent of the hotels which were eligible, even provisionally, were issued certificates. The hotels which obtained certificates in 1919 were twenty-eight per cent of the total number inspected.

ATTITUDE OF PROPRIETORS.

The attitude of the proprietor concerning the certificate is shown in the following table.

<i>Certificate.</i>	<i>Number of Hotels. Per Cent.</i>	
Application made to inspector for first certificate	60	23.7
Application made to State Department for first certificate	3	1.2
Application made to inspector for renewal	5	2.0
Application made to State Department for renewal	4	1.6
Certificate unexpired at time of inspection and not renewed	8	3.2
Renewal not recommended	2	0.8
Hotels with 1918 certificate not inspected in 1919	7	
Certificate not suggested	25	9.9
Certificate said to be not desired	73	28.8
Doubtful	73	28.8

MONEY RECEIVED.

The amount received for certificates was \$216.00. \$195.00 or ninety per cent of the total, was collected by the inspector at the hotels. \$3.00, forwarded by inspector for one proprietor, was returned when water submitted for analysis was pronounced polluted and certificate not allowed. The income from the seventy-one certificates granted was \$213.00. This money was turned into the State Contingent Fund.

PRESS COMMENT.

The Portland Evening Express for July 26, 1919, contained a thirteen and a half inch editorial headed: "Hotel Inspection in the State of Maine." In accordance with suggestion made by the inspector, the editor emphasized the value of the hotel inspection certificate, issued by the State Department of Health of Maine, to the hotel proprietor.

FUTURE INSPECTION.

The hotel business represents one of the greatest sources of income for Maine. Six hundred thousand visitors came to Maine in the summer of 1919, according to estimate given to inspector by Mr. Hiram Ricker; and spent from \$27,000,000 to \$30,000,000. The automobile brought many persons to Maine resorts. In census taken at Dunstan on Sunday, August 3, 1919, there were counted 2316 intrastate cars with some 13,000 people, and 1238 automobiles from outside of Maine with 7000 persons. The number of cars from outside the State was double that of two years previous.

CONCLUSIONS.

Inspection has been incomplete in extent. Seventy per cent of the total number of hotels estimated by the first inspector to be in the State of Maine have not yet been inspected. During the summer of 1919, in five counties, of the sixteen in Maine, not a single hotel was inspected, and in seven others a total of only twenty-six hotels. In the list of hotels and boarding houses at the lake and mountain resorts of New England, issued for 1919 by the United States Railroad Administration, 300 hotels and sporting camps not yet inspected in Maine were included, and, also, 57 summer camps for boys and girls. Only a beginning has been made in the inspection of camps in the Maine woods.

Inspection service, not only for hotels, but for all establishments which provides board commercially, such as summer camps for boys and girls, is indicated for the promotion of health and income in Maine, the vacationland.

DIVISION OF PUBLIC HEALTH EDUCATION AND PUBLICITY

Director, Ione F. Winans, A. B.

The plans and work of this Division which had been so successfully launched by Mr. W. H. Greenlead in 1918, were more or less interrupted on account of the inability to obtain the services of a properly trained person for the work. Most of the work of this Division had to be carried on by the Commissioner, Division Directors, and District Health Officers until December 1, 1919, when Mrs. Ione F. Winans was chosen director.

The work consisted chiefly of addresses and lectures, news letters for the press, monthly bulletins, and circulars on various subjects.

ADDRESSES AND LECTURES.

For an account of the addresses and lectures given during the year see the itemized statements of the activities of the Commissioner, Division Directors, and District Health Officers to be found in other parts of this report.

NEWS LETTERS.

During the year 1919, weekly news letters were sent to the various daily and weekly newspapers of the State. A large percentage of these news items, on various public health subjects, were printed by papers in different parts of the State.

SCIENTIFIC BULLETINS.

- Vol. II. Nos. 1-2 Rural Methods of Waste Disposal.
 No. 3 The Feeding and Care of the Baby.
 No. 4-5 Good for the Family.
 No. 6 Abstract of the Health Laws of Maine.
 No. 7 Public Health Administration of Bangor
 and Bath.

- No. 8-9 Public Health Administration in Westbrook.
- No. 10 The Tuberculosis Problem.
- No. 11 The Common Infectious Diseases and their Prevention.
- No. 12 Public Health Administration in Augusta, Me.

CIRCULARS.

- No. 229 Dysentery and the Diarrheal Diseases.
- No. 250 Guarding against Tuberculosis.
- No. 251 How to get well from Lung Trouble.
- No. 320 On the Management of Outbreaks of Small-pox.
- No. 322 Is Vaccination a Good Thing?
- No. 341 Guarding Against Influenza and Common Colds.

TWENTY-EIGHTH ANNUAL REPORT

UPON THE

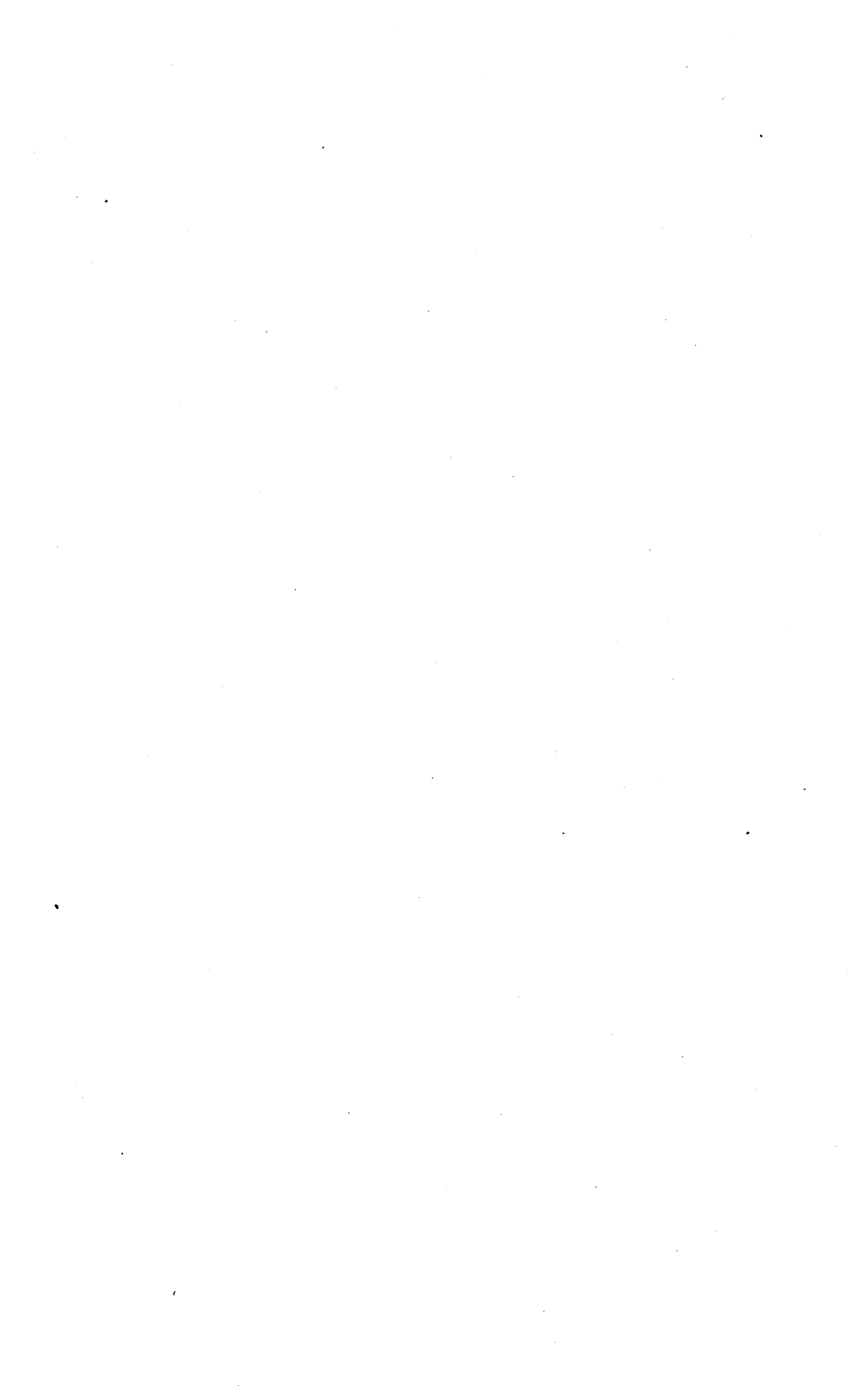
Births, Marriages, Divorces
and Deaths

IN THE

STATE OF MAINE

FOR THE

Year Ending December 31, 1919



DIVISION OF VITAL STATISTICS

State Registrar, L. D. BRISTOL, M.D., Dr. P. H.

Division Director, F. S. CHOATE.

Dr. Leverett D. Bristol, Commissioner of Health and State Registrar of Vital Statistics.

SIR:—Following is a report of the Division of Vital Statistics for the year ending December 31, 1919. This includes also the twenty-eighth annual report upon the Births, Marriages, Divorces and Deaths for the year ending December 31, 1919.

Respectfully,

F. S. CHOATE,
Division Director.

ROUTINE OFFICE WORK.

The shipments of report transcripts to the Census Bureau were as follows:

Births	14,161	Deaths	12,082
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Seven thousand, two hundred and twenty letters and abstracts have been sent out during 1919. Dunning letters to delinquent clerks, franked letters to doctors, undertakers and ministers for more complete records and a large number to parents to secure the Christian names of children whose birth record came in before the child was named.

The number of requests for information and copies of records of births, marriages, divorces, and deaths seem to increase each year as The Child Labor Law becomes more effective, also the new law relative to Income Tax.

Twice during 1919 agents from the U. S. Dept. of Child Labor have come to this office to verify birth records of young people employed in factories and found in several cases they had given their ages as older than that given on their birth record, thus evading the law.

Requests: For records from State School for Girls, Hallowell; New England Homes for Little Wanderers, in Waterville, and throughout New England; Children's Home Society; Red Cross; and many other charitable organizations in other States. We have sent records in answer to requests from individuals in nearly every State, also throughout Canada.

We also have many calls from Insurance Companies and people making Sanitary Surveys for special birth and death tabulations. September last we received a request for information from the International Institute at the Hague, which we answered by sending them our yearly report.

A request from the Russell Sage Foundation Library for a complete set of Vital Statistic Reports was referred to the State Librarian. The first of every month during 1919 we have forwarded to Congressmen, L. B. Goodall, W. H. White, Jr., and John A. Peters, the names and addresses of all mothers in their districts giving birth to children during the preceding month, that they might receive the Child Welfare Literature, published by the U. S. Government.

The work of copying the old records on the form now used, work on the divorce index and filing records has been carried on when time could be spared from the routine work. Each year we have over thirty thousand birth, marriage, and death records to sort and put into their permanent file.

REGISTRATION REPORT, 1919.

This report presents the results of the registration and tabulation of the births, marriages, divorces, and deaths which occurred in the State of Maine during the year 1919.

The number of births registered in the year 1919 was 1,085 less than in the preceding year. The number of births, recorded in each of the registration years 1892-1919 is 14,028, 14,604, 14,607, 15,430, 15,429, 15,142, 15,121, 14,475, 14,709, 14,615, 15,166, 15,130, 15,405, 16,005, 16,585, 16,595, 16,914, 16,735, 16,469, 16,300, 16,583, 16,408, 16,731, 17,359, 16,633, 16,985, 16,290, and 15,205.

The number of marriages (number of couples married) in 1919 was 7,279, 1,329 more than in the preceding year. The number of marriages registered in the State in each of the years 1892-1919 is, respectively, 5,726, 5,795, 5,591, 5,729, 5,579, 5,331, 5,144, 5,329, 5,482, 5,735, 5,905, 6,200, 6,208, 6,264, 6,498, 6,380, 5,904, 6,011, 5,900, 5,878, 6,550, 6,622, 6,707, 6,672, 6,576, 7,095, 5,950, and 7,279.

The number of deaths recorded in the State for the same year was 10,919, a number 3,268 less than that of the deaths registered in the preceding year. The number of deaths in each year thus far recorded is: in 1892, 12,147; in 1893, 11,134; in 1894, 11,012; in 1895, 10,464; in 1896, 10,626; in 1897, 11,236; in 1898, 10,956; in 1899, 11,370; in 1900, 11,389; in 1901, 11,133; in 1902, 10,673; in 1903, 11,009; in 1904, 11,346; in 1905, 11,381; in 1906, 11,427; in 1907, 11,803; in 1908, 11,664; in 1909, 11,295; in 1910, 12,439; in 1911, 11,731; in 1912, 11,390; in 1913, 11,552; in 1914, 11,648; in 1915, 11,541; in 1916, 11,772; in 1917, 11,407; in 1918, 14,187; and in 1919, 10,919.

One thousand, two hundred and thirty divorces were decreed in the year of 1919. (552 in 1892, 627 in 1893, 674 in 1894, 681 in 1895, 668 in 1896; 722 in 1897, 764 in 1898, 790 in 1899, 801 in 1900, 808 in 1901, 905 in 1902, 946 in 1903, 906 in 1904, 848

in 1905, 787 in 1906, 887 in 1907, 904 in 1908, 957 in 1909, 911 in 1910, 985 in 1911, 1,081 in 1912, 1,092 in 1913, 1,030 in 1914, 1,006 in 1915, 698 in 1916, 1,080 in 1917, and in 1918, 847. In 1919 there were decreed in Maine one divorce for every 6 marriages solemnized.

Bertillon Classification.—Nomenclature of the causes of death in this report is the revised Bertillon classification adopted by the International Commission which met in Paris in July 1909.

Population.—The population of the State of Maine in 1910 as given by the twelfth census was 742,371. In 1900, the population of the State was 694,466. There was therefore, a gain of 47,905 in the decade between the last two census enumerations.

The following table exhibits the population of the several counties in 1890, 1900, 1910, and the estimated population in 1919.

TABLE No. 1.

Population in 1890, 1900, 1910 and Estimated Population in 1919.

COUNTIES.	Population in 1890.	Population in 1900.	Population in 1910.	Estimated population in 1919.
Androscoggin	48,968	54,242	59,822	65,367
Aroostook	49,589	60,744	74,664	86,017
Cumberland	90,949	100,689	112,014	123,218
Franklin	17,053	18,444	19,119	20,006
Hancock	37,312	37,241	35,575	35,993
Kennebec	37,012	59,117	62,863	67,359
Knox	31,473	30,406	28,981	29,272
Lincoln	21,996	19,669	18,216	19,155
Oxford	30,586	32,238	36,256	40,929
Penobscot	72,865	76,246	85,285	91,058
Piscataquis	16,134	16,949	19,887	21,843
Sagadahoc	19,452	20,330	18,574	26,211
Somerset	32,627	33,849	36,301	38,321
Waldo	27,759	24,185	23,383	23,768
Washington	44,482	45,232	42,905	44,386
York	62,829	64,885	68,526	73,869
Total	641,086	694,466	742,371	806,772

Births, Marriages and Death-Rate.—In this report the birth-rates, marriage-rates and death-rates from all causes are stated as so many among each 1,000 of the population according to the estimated population for 1919.

Death-rates from individual causes, or from groups of diseases are expressed as per 10,000.

TABLE No. 2.
Non-resident Deaths in Public Institutions.

CITIES AND TOWNS HAVING PUBLIC INSTITUTIONS IN WHICH NON-RESIDENT DEATHS HAVE OCCURRED.	Estimated population in 1919.	Whole num- ber of deaths.	Whole num- ber of deaths of non-residents.	Death-rate per 1,000.	Death-rate per 1,000 exclusive of non-residents.
Auburn	16,963	182	2	10.73	10.61
Augusta	14,588	324	150	22.21	11.93
Bangor	27,458	553	174	20.14	13.80
Bar Harbor	4,495	57	4	12.69	11.79
Bath	17,000	185	10	10.88	10.29
Belfast	4,621	76	1	16.45	16.23
Biddeford	17,916	221	23	12.33	11.05
Boothbay Harbor	2,111	19	2	9.00	8.05
Brewer	6,414	65	3	10.13	9.66
Brownville	2,024	44	21	21.74	11.36
Calais	6,116	123	21	20.11	16.67
Castine	933	14	1	16.07	13.92
Eagle Lake	2,249	29	1	12.89	12.45
Fairfield	4,939	119	63	24.08	11.33
Fort Fairfield	4,561	25	4	5.70	4.60
Gardiner	5,311	72	11	13.55	11.48
Greenville	1,798	50	8	27.81	23.36

TABLE No. 2—Concluded.
Non-resident Deaths in Public Institutions.

CITIES AND TOWNS HAVING PUBLIC INSTITUTIONS IN WHICH NON-RESIDENT DEATHS HAVE OCCURRED.	Estimated population in 1919.	Whole num- ber of deaths.	Whole num- ber of deaths of non-residents.	Death-rate per 1,000.	Death-rate per 1,000 exclusive of non-residents.
Hebron	603	18	8	25.67	16.58
Houlton	6,889	109	36	15.82	10.59
Kittery	4,127	65	15	15.75	12.12
Lewiston	28,488	464	112	16.28	12.36
Mars Hill	1,808	14	3	7.74	6.08
Newport	1,936	29	3	14.99	13.43
Old Town	6,812	90	1	13.20	13.06
Parsonsfield	1,057	20	5	18.92	14.19
Portland	66,158	1,024	125	15.48	13.59
Presque Isle	6,421	78	10	12.30	10.59
Rockland	8,192	167	20	20.37	17.93
Rumford	9,483	87	7	9.17	8.43
Sanford	11,722	99	2	8.45	8.28
Skowhegan	5,485	94	5	17.14	16.22
Union	1,233	21	5	17.03	12.98
Waterville	13,240	155	14	11.71	10.65
Wells	1,908	36	1	18.87	18.34
Westbrook	9,181	121	2	13.18	12.96
York	2,916	40	5	13.73	12.00

TABLE
Births, Marriages and Deaths
ANDROSCOGGIN

TOWNS.	Estimated popula- tion in 1919.	BIRTHS.									
		SEX.				PARENTAGE.					
		Male.	Female.	Not Stated.	Total.	Rate per 1,000.	Both American.	Both foreign	American mother and foreign father.	American father and foreign mother.	Not stated.
Auburn	16,963	98	86	—	184	10.84	96	48	21	18	1
Durham	1,985	12	7	—	19	9.57	12	1	2	4	—
East Livermore ..	3,100	21	29	—	50	16.13	29	11	3	6	1
Greene	773	6	2	—	8	10.34	8	—	—	—	—
Leeds	990	6	12	—	18	18.18	16	—	1	1	—
Lewiston	28,488	366	377	—	743	26.08	253	274	97	115	4
Lisbon	4,575	41	44	—	85	18.57	44	28	4	8	1
Livermore	1,100	6	12	—	18	16.36	13	4	1	—	—
Mechanic Falls ..	1,678	15	14	—	29	17.28	24	—	1	3	1
Minot	786	2	8	—	10	12.72	8	1	1	—	—
Poland	1,382	12	12	—	24	17.36	21	—	1	—	2
Turner	1,708	7	10	—	17	9.95	16	—	1	—	—
Wales	553	5	6	—	11	19.89	11	—	—	—	—
Webster	1,286	6	9	—	15	11.66	10	2	2	1	—
Total	65,367	603	628	—	1,231	18.83	561	369	135	156	10

No. 3.

for the Year 1919.

COUNTY.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	SEX.			NATIVITY.			Death-rate per 1,000.	
						Male.	Female.	Not stated.	Total.	American.	Foreign.		Not stated.
116	17	9	18	—	160	79	103	—	182	159	22	1	10.73
7	1	1	1	—	10	4	7	—	11	11	—	—	5.54
22	—	2	4	—	28	18	20	—	38	34	4	—	12.26
3	—	—	—	—	3	5	7	—	12	10	1	1	15.52
4	—	—	—	1	5	7	6	—	13	13	—	—	13.13
140	101	60	66	—	367	233	231	—	464	322	139	3	16.28
31	3	5	4	—	43	26	23	—	49	41	7	1	8.94
3	—	1	—	—	4	6	9	—	15	11	4	—	13.64
12	—	1	—	—	13	13	16	—	29	28	1	—	17.28
4	—	—	—	—	4	9	3	—	12	11	1	—	15.26
15	—	2	—	—	17	7	8	—	15	14	1	—	10.85
14	—	1	—	—	15	11	12	—	23	23	—	—	13.46
3	—	1	1	—	5	1	4	—	5	5	—	—	9.04
7	—	—	—	—	7	6	10	—	16	14	2	—	12.44
381	122	83	94	1	681	425	459	—	884	696	182	6	13.52

TABLE
Births, Marriages and Deaths

AROOSTOOK

TOWNS.	Estimated population in 1919.	BIRTHS.									
		SEX.					PARENTAGE.				
		Male.	Female.	Not Stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Amity	375	5	1	—	6	15.99	5	—	1	—	—
Ashland	2,767	55	46	—	101	27.95	64	4	26	5	2
Bancroft	371	5	3	—	8	21.56	5	—	2	1	—
Benedicta	292	4	6	—	10	34.24	8	—	1	1	—
Blaine	1,067	14	17	—	31	29.05	16	3	5	7	—
Bridgewater	1,292	15	17	—	32	24.76	11	6	6	9	—
Caribou	5,935	109	102	—	211	35.53	115	25	42	25	4
Castle Hill	532	13	14	—	27	50.73	22	1	1	3	—
Chapman	552	9	10	—	19	34.41	10	4	5	—	—
Connor	753	8	14	—	22	29.22	16	—	3	3	—
Crystal	619	8	9	—	17	27.46	10	3	4	—	—
Dyer Brook	282	5	8	—	13	46.10	10	1	2	—	—
Eagle Lake	2,249	28	31	—	59	26.23	41	5	6	7	—
Easton	1,381	16	13	—	29	20.10	11	6	8	4	—
Fort Fairfield	4,561	79	72	—	151	33.10	49	24	34	40	4
Fort Kent	4,772	65	87	—	152	31.84	117	7	12	15	1
Frenchville	1,504	44	40	—	84	55.84	80	—	2	—	2
Grand Isle	1,506	31	33	—	64	42.50	47	3	5	9	—
Haynesville	272	5	3	—	8	29.41	3	—	2	1	2
Hersey	186	6	4	—	10	53.76	7	—	2	1	—
Hodgdon	1,171	15	7	—	22	18.79	12	—	2	8	—
Houlton	6,889	81	70	—	151	21.91	72	25	22	28	4
Island Falls	2,244	32	18	—	50	22.28	23	7	10	9	1
Limestone	1,437	29	36	—	65	45.23	30	8	10	17	—

No. 3—Continued.
for the Year 1919.
COUNTY.

MARRIAGES.							DEATHS.						
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	SEX.				NATIVITY.			Death-rate per 1,000.
						Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	
1	—	—	—	—	1	1	1	—	2	1	1	—	5.33
13	2	—	6	—	21	4	6	—	10	10	—	—	2.67
5	1	—	—	—	6	3	3	—	6	5	1	—	16.17
—	—	—	1	—	1	1	1	—	2	2	—	—	6.85
4	—	2	—	—	6	10	5	—	15	8	7	—	14.06
5	—	1	4	—	10	4	6	—	10	6	4	—	7.74
39	7	5	19	—	70	43	40	—	83	64	19	—	13.98
4	—	—	—	—	4	3	6	—	9	9	—	—	16.91
3	—	1	—	—	4	6	4	—	10	8	2	—	18.11
3	—	1	1	—	5	5	9	—	14	10	4	—	18.59
4	—	—	—	—	4	3	1	—	4	4	—	—	6.46
1	—	—	—	—	1	1	1	—	2	2	—	—	7.09
19	—	1	4	—	24	15	14	—	29	29	—	—	12.89
3	1	1	1	—	6	4	7	—	11	8	3	—	7.97
9	5	1	6	—	21	16	10	—	26	17	9	—	5.70
31	3	4	5	—	43	27	30	—	57	48	8	1	11.94
11	—	3	2	—	16	15	7	—	22	22	—	—	14.63
11	1	2	1	—	15	21	15	—	36	33	3	—	23.90
2	—	—	—	—	2	2	—	—	2	1	1	—	7.35
—	—	1	—	—	1	1	—	—	1	1	—	—	5.37
4	—	1	1	—	6	5	4	—	9	5	4	—	7.69
24	6	6	10	—	46	58	51	—	109	59	43	7	15.82
15	—	3	2	—	20	21	19	—	40	34	4	2	17.82
7	3	1	1	—	12	10	11	—	21	14	7	—	14.61

TABLE
Births, Marriages and Deaths
AROOSTOOK

TOWNS.	Estimated popula- tion in 1919.	BIRTHS.									
		SEX.					PARENTAGE.				
		Male.	Female.	Not Stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Linneus	809	11	8	—	19	23.48	16	1	2	—	—
Littleton	1,089	7	7	—	14	12.85	5	3	2	3	1
Ludlow	430	3	1	—	4	9.30	2	1	1	—	—
Madawaska	1,948	25	34	—	59	30.28	53	—	1	5	—
Mapleton	1,363	11	15	—	26	19.07	19	—	2	4	1
Mars Hill	1,808	32	26	—	58	32.07	28	8	6	16	—
Masardis	839	7	9	—	16	19.06	8	—	4	4	—
Merrill	483	11	7	—	18	37.26	11	2	2	3	—
Monticello	1,297	24	16	—	40	30.86	15	8	6	11	—
New Limerick	481	4	5	—	9	18.87	5	2	2	—	—
New Sweden	941	6	5	—	11	11.68	5	1	4	1	—
Oakfield	991	11	20	—	31	31.28	25	2	4	—	—
Orient	187	2	3	—	5	26.74	3	1	1	—	—
Perham	974	7	5	—	12	12.31	7	—	2	3	—
Portage Lake	734	18	11	—	29	39.50	19	2	4	4	—
Presque Isle	6,421	88	78	—	166	25.85	76	24	36	24	6
St. Agatha	1,659	40	40	—	80	48.22	76	—	1	3	—
Sherman	1,116	16	12	—	28	25.09	25	—	2	1	—
Smyrna	411	4	1	—	5	12.17	1	—	—	4	—
Stockholm	1,183	11	7	—	18	15.22	6	7	2	2	1
Van Buren	4,136	104	96	—	200	48.34	148	17	18	16	1
Wade	363	7	5	—	12	33.05	9	—	2	1	—
Washburn	1,907	21	24	—	45	23.59	28	2	9	5	1
Westfield	1,076	8	11	—	19	17.66	7	6	2	4	—

No. 3—Continued.

for the Year 1919.

COUNTY—Continued.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	SEX.			NATIVITY.			Death-rate per 1,000.	
						Male.	Female.	Not stated.	Total.	American.	Foreign.		Not stated.
6	—	—	1	—	7	4	5	—	9	6	3	—	11.12
6	—	—	3	—	9	5	3	—	8	3	5	—	7.35
1	—	—	—	—	1	1	2	—	3	—	3	—	6.98
21	—	1	4	—	26	14	14	—	28	27	1	—	14.37
6	—	—	1	—	7	5	4	—	9	8	1	—	6.60
17	2	2	4	1	26	7	7	—	14	7	7	—	7.74
2	1	—	1	—	4	2	—	—	2	—	2	—	2.38
4	—	—	1	—	5	2	3	—	5	4	1	—	10.35
9	—	1	5	—	15	10	10	—	20	16	4	—	15.43
2	—	—	—	—	2	4	2	—	6	4	2	—	12.58
5	1	—	—	—	6	4	3	—	7	2	5	—	7.43
13	1	1	—	—	15	9	5	—	14	10	4	—	14.13
1	—	—	—	—	1	2	4	—	6	6	—	—	32.08
6	—	—	—	—	6	1	5	—	6	4	2	—	6.15
4	—	2	1	—	7	2	—	—	2	2	—	—	2.72
27	5	6	6	—	44	45	34	—	79	52	27	—	12.30
20	—	2	1	—	23	19	17	—	36	36	—	—	21.70
10	—	1	—	—	11	8	1	—	9	8	1	—	8.06
4	—	1	1	—	6	2	1	—	3	3	—	—	7.30
8	—	—	1	—	9	5	8	—	13	11	2	—	10.99
20	3	7	5	—	35	27	23	—	50	42	8	—	12.08
1	—	—	1	—	2	4	—	—	4	3	1	—	11.02
13	1	2	2	—	18	8	7	—	15	14	1	—	7.86
3	1	—	—	—	4	1	4	—	5	3	2	—	4.65

TABLE
Births, Marriages and Deaths

AROOSTOOK

TOWNS.	Estimated popula- tion in 1919.	BIRTHS.									
		SEX.				PARENTAGE.					
		Male.	Female.	Not Stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Weston	408	8	6	—	14	34.30	9	1	2	2	—
Woodland	1,224	16	14	—	30	24.51	15	—	8	7	—
Cary Pl.	340	9	6	—	15	44.11	8	3	2	2	—
Caswell Pl.	673	9	9	—	18	26.73	11	2	1	4	—
Cyr. Pl.	549	12	11	—	23	41.88	18	—	1	3	1
E. Pl.	198	2	1	—	3	15.15	1	—	1	1	—
Garfield Pl.	130	1	3	—	4	30.77	3	—	1	—	—
Glenwood Fl.	128	1	1	—	2	15.62	1	—	—	—	1
Hamlin Pl.	729	8	6	—	14	19.19	8	—	1	5	—
Hammond Pl.	115	—	—	—	—	—	—	—	—	—	—
Macwahoc Pl.	147	2	—	—	2	13.60	2	—	—	—	—
Moro Pl.	215	3	3	—	6	27.91	4	—	2	—	—
New Canada Pl. ..	743	9	13	—	22	29.59	19	—	2	1	—
Oxbox Pl.	208	3	2	—	5	24.04	3	—	2	—	—
Reed Pl.	663	10	8	—	18	27.14	12	4	—	2	—
St. Francis Pl. ...	1,233	29	21	—	50	40.55	38	1	4	7	—
St. John Pl.	751	4	9	—	13	17.30	11	—	2	—	—
Silver Ridge Pl. ..	155	1	3	—	4	25.80	2	1	1	—	—
Wallagrass Pl.	1,202	12	9	—	21	17.47	17	1	1	2	—
Westmanland Pl..	108	2	1	—	3	27.78	3	—	—	—	—
Winterville Pl. ...	393	8	6	—	14	35.62	11	—	—	3	—
No. 8, R. 4	23	4	1	—	5	21.70	2	—	2	1	—
Total	86,017	1,312	1,240	—	2,552	29.67	1,579	232	361	347	33

* Population of County omitting that of unorganized townships, and other places not represented in this tabulation. See Table No. 1.

No. 3—Continued.
for the Year 1919.
COUNTY—Concluded.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	SEX.				NATIVITY.			Death-rate per 1,000.
						Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	
3	—	1	—	—	4	4	2	—	6	3	3	—	14.70
6	—	2	—	1	9	5	4	—	9	6	3	—	7.35
2	—	1	—	—	3	2	2	—	4	4	—	—	11.76
5	—	—	—	—	5	2	1	—	3	2	1	—	4.46
5	—	—	1	—	6	2	—	—	2	2	—	—	3.64
—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	2	—	—	2	1	1	—	15.38
—	—	—	—	—	—	1	—	—	1	—	1	—	7.81
9	—	1	—	—	10	4	4	—	8	8	—	—	10.97
—	—	1	—	—	1	1	—	—	1	1	—	—	8.70
2	—	—	—	—	2	1	—	—	1	—	1	—	6.80
4	—	—	—	—	4	2	1	—	3	2	1	—	13.95
7	—	1	1	—	9	6	7	—	13	10	3	—	17.48
2	—	—	—	—	2	—	3	—	3	2	1	—	14.42
4	—	—	—	—	4	3	3	—	6	3	3	—	9.04
6	—	1	—	—	7	8	8	—	16	14	2	—	12.98
1	—	—	—	—	1	4	2	—	6	5	1	—	7.99
—	—	—	—	—	—	—	2	—	2	2	—	—	12.90
12	—	1	1	—	14	5	4	—	9	8	1	—	7.49
—	—	—	1	—	1	3	—	—	3	3	—	—	27.78
4	—	—	—	—	4	2	3	—	5	5	—	—	12.72
—	—	—	1	—	1	—	2	—	2	2	—	—	8.68
499	44	69	107	2	721	527	461	—	988	754	224	10	11.49

TABLE
Births, Marriages and Deaths

CUMBERLAND

TOWNS.	Estimated population in 1919.	BIRTHS.									
		SEX.				PARENTAGE.					
		Male.	Female.	Not Stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Baldwin	791	7	9	—	16	20.22	14	—	—	2	—
Bridgton	2,660	21	24	—	45	16.92	40	3	1	1	—
Brunswick	6,621	88	65	—	153	23.10	77	25	26	24	1
Cape Elizabeth ...	2,730	11	10	—	21	7.69	15	1	2	3	—
Casco	688	1	4	—	5	7.27	5	—	—	—	—
Cumberland	1,403	12	9	—	21	14.97	19	—	—	2	—
Falmouth	1,488	6	13	—	19	12.77	13	3	1	2	—
Freeport	2,568	30	18	—	48	18.69	39	1	5	2	1
Gorham	3,074	16	15	—	31	10.08	25	1	4	1	—
Gray	1,270	6	8	—	14	11.02	12	—	1	1	—
Harpswell	1,650	18	12	—	30	18.18	27	—	1	2	—
Harrison	967	6	6	—	12	12.41	7	4	1	—	—
Naples	736	10	4	—	14	19.01	13	—	—	1	—
New Gloucester ..	1,291	9	7	—	16	12.39	13	—	3	—	—
North Yarmouth .	726	3	1	—	4	5.51	3	—	—	1	—
Otisfield	632	5	8	—	13	20.57	8	5	—	—	—
Portland	66,158	796	683	—	1,479	22.36	806	394	134	124	21
Pownal	652	1	4	—	5	7.67	5	—	—	—	—
Raymond	677	4	6	—	10	14.79	9	—	—	1	—
Scarboro	2,017	12	13	—	25	12.39	22	1	1	1	—
Sebago	536	2	7	—	9	16.79	9	—	—	—	—
South Portland ..	8,533	100	80	—	180	21.08	121	18	17	21	3
Standish	1,754	12	11	—	23	13.11	17	1	2	3	—
Westbrook	9,181	118	92	—	210	22.87	117	27	36	28	2
Windham	1,981	12	15	—	27	13.63	23	1	3	—	—
Yarmouth	2,434	22	18	—	40	16.43	19	9	4	6	2
Total	123,218	1,328	1,142	—	2,470	20.05	478	494	242	226	30

No. 3—Continued.

for the Year 1919.

COUNTY.

MARRIAGES.							DEATHS.						
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	SEX.			NATIVITY.			Death-rate per 1,000.	
						Male.	Female.	Not stated.	Total.	American.	Foreign.		Not stated.
4	—	—	—	—	4	5	8	—	13	12	1	—	16.43
23	—	1	1	—	25	18	22	—	40	40	—	—	15.04
42	10	16	13	—	81	39	52	—	91	71	19	1	13.74
8	1	—	—	—	9	5	6	—	11	10	1	—	4.03
3	—	—	—	—	3	1	4	—	5	5	—	—	7.27
10	—	—	—	—	10	11	3	—	14	14	—	—	9.98
8	—	—	1	—	9	6	8	—	14	13	1	—	9.41
22	—	2	1	—	25	20	17	—	37	36	1	—	14.41
19	—	1	2	—	22	24	34	—	58	53	5	—	18.87
8	—	—	—	—	8	7	5	—	12	12	—	—	9.45
7	—	—	1	—	8	13	13	—	26	26	—	—	15.76
9	—	—	—	—	9	8	5	—	13	13	—	—	13.43
4	—	—	1	—	5	2	5	—	7	7	—	—	9.50
6	—	1	1	—	8	13	12	—	25	23	2	—	19.36
5	—	3	1	—	9	6	5	—	11	10	1	—	15.15
—	1	—	—	—	1	4	1	—	5	4	—	1	7.91
525	74	68	76	1	744	502	522	—	1,024	793	223	8	15.48
2	—	—	—	—	2	4	5	—	9	8	1	—	13.80
5	—	—	—	—	5	4	3	—	7	7	—	—	10.34
16	—	—	1	—	17	15	17	—	32	29	3	—	15.86
2	—	—	—	—	2	3	3	—	6	5	1	—	11.19
65	—	5	6	—	76	46	60	—	106	93	13	—	18.74
6	—	—	1	—	7	4	10	—	14	14	—	—	7.98
86	6	12	12	—	116	50	71	—	121	92	29	—	13.18
24	—	—	1	—	25	20	14	—	34	30	4	—	17.16
11	—	1	3	—	15	8	15	—	23	22	1	—	9.45
920	92	110	122	1	1,245	838	920	—	1,758	1,442	306	10	14.27

TABLE
Births, Marriages and Deaths

FRANKLIN

TOWNS.	Estimated population in 1919.	BIRTHS.									
		SEX.				PARENTAGE.					
		Male.	Female.	Not Stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Avon	380	3	6	—	9	23.68	9	—	—	—	—
Carthage	292	4	4	—	8	27.39	4	1	1	1	1
Chesterville	627	8	5	—	13	20.72	11	—	1	—	1
Eustis	571	3	13	—	16	28.02	12	1	1	1	1
Farmington	3,210	32	17	—	49	15.26	41	1	2	4	1
Freeman	334	2	1	—	3	8.98	2	—	—	—	1
Industry	465	4	3	—	7	15.05	5	—	1	1	—
Jay	3,194	45	38	—	83	25.98	29	37	12	5	—
Kingfield	1,134	9	12	—	21	18.52	16	3	1	—	1
Madrid	264	2	5	—	7	26.51	7	—	—	—	—
New Sharon	963	8	8	—	16	16.61	14	—	1	1	—
New Vineyard	543	—	2	—	2	3.88	2	—	—	—	—
Phillips	1,445	18	16	—	34	23.53	33	—	—	1	—
Rangeley	1,325	17	12	—	29	21.89	21	3	1	4	—
Salem	181	4	2	—	6	33.14	6	—	—	—	—
Strong	792	10	11	—	21	26.50	19	1	—	1	1
Temple	413	1	3	—	4	9.68	3	—	1	—	—
Weld	574	5	2	—	7	12.19	7	—	—	—	—
Wilton	2,593	25	21	—	46	17.74	39	3	3	1	—
Coplin Pl.	90	1	2	—	3	33.33	1	—	1	1	—
Dallas Pl.	166	8	8	—	16	99.10	12	—	2	2	—
Lang Pl.	62	1	3	—	4	64.48	4	—	—	—	—
Rangeley Pl.	271	—	—	—	—	—	—	—	—	—	—
Sandy River Hl. ..	132	1	1	—	2	15.15	1	—	1	—	—
Total *	20,021	211	195	—	406	20.28	298	50	29	23	6

* Population of County omitting that of unorganized townships, and other places not represented in this tabulation. See Table No. 1.

No. 3—Continued.
for the Year 1919.
COUNTY.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	SEX.			NATIVITY.			Death-rate per 1,000.	
						Male.	Female.	Not stated.	Total.	American.	Foreign.		Not stated.
7	—	—	—	—	7	5	2	—	7	7	—	—	18.42
—	—	—	—	—	—	—	1	—	1	1	—	—	3.42
5	—	—	—	—	5	3	2	—	5	5	—	—	7.97
7	—	—	—	—	7	3	—	—	3	2	—	1	5.25
32	1	1	1	—	35	31	25	—	56	56	—	—	17.44
3	—	—	—	—	3	3	3	—	6	6	—	—	17.96
2	—	—	—	—	2	2	2	—	4	4	—	—	8.60
18	2	—	6	—	26	13	21	—	34	30	4	—	10.64
12	—	—	—	—	12	8	4	—	12	11	1	—	10.58
3	—	—	—	—	3	3	2	—	5	4	—	1	18.94
8	—	—	—	—	8	5	5	—	10	9	1	—	10.38
1	—	—	—	—	1	—	2	—	2	2	—	—	3.68
19	—	—	1	—	20	9	8	—	17	16	—	1	11.76
9	—	—	2	—	11	8	7	—	15	12	3	—	11.32
3	—	—	—	—	3	2	3	—	5	5	—	—	27.62
5	—	1	—	—	6	5	4	—	9	9	—	—	11.36
—	—	—	—	—	—	3	2	—	5	5	—	—	12.11
6	—	—	1	—	7	7	2	—	9	8	1	—	15.68
28	—	1	1	—	30	24	17	—	41	38	3	—	15.81
1	—	—	—	—	1	3	—	—	3	3	—	—	33.33
4	—	—	1	—	5	3	2	—	5	5	—	—	30.12
1	—	—	—	—	1	1	—	—	1	1	—	—	16.12
2	—	—	—	—	2	1	1	—	2	—	2	—	7.38
—	—	—	1	—	1	2	—	—	2	1	1	—	15.15
176	3	3	14	—	196	144	115	—	259	240	16	3	12.94

TABLE
Births, Marriages and Deaths

HANCOCK

TOWNS.	Estimated population in 1919.	BIRTHS.									
		SEX.				PARENTAGE.					
		Male.	Female.	Not Stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Amherst	275	—	1	—	1	3.64	1	—	—	—	—
Aurora	114	—	2	—	2	17.54	2	—	—	—	—
Bar Harbor	4,495	38	32	—	70	15.57	59	3	4	3	1
Bluehill	1,462	10	9	—	19	12.99	15	—	3	1	—
Brooklin	936	10	6	—	16	17.09	14	—	2	—	—
Brooksville	1,181	10	10	—	20	16.93	19	—	1	—	—
Bucksport	2,216	18	21	—	39	17.60	30	1	5	2	1
Castine	933	8	8	—	16	17.14	15	—	—	1	—
Cranberry Isles ...	426	4	2	—	6	14.08	5	—	—	1	—
Dedham	380	2	—	—	2	5.26	2	—	—	—	—
Deer Isle	1,946	18	16	—	34	17.47	30	—	3	1	—
Eastbrook	213	1	1	—	2	9.39	2	—	—	—	—
Ellsworth	3,549	28	9	—	37	10.42	29	2	1	4	1
Franklin	1,161	8	8	—	16	13.78	15	—	1	—	—
Gouldsboro	1,430	13	11	—	24	16.78	22	—	1	1	—
Hancock	843	13	7	—	20	23.72	18	1	—	1	—
Lamoine	482	6	2	—	8	16.59	6	—	2	—	—
Mariaville	171	—	2	—	2	11.70	2	—	—	—	—
Mt. Desert	1,569	13	10	—	23	14.66	20	1	1	1	—
Orland	1,224	10	5	—	15	12.25	13	—	1	1	—
Otis	115	—	1	—	1	8.69	1	—	—	—	—
Penobscot	985	6	2	—	8	8.12	8	—	—	—	—
Sedgwick	915	5	4	—	9	9.83	9	—	—	—	—
Sorrento	174	2	—	—	2	11.49	2	—	—	—	—

No. 3—Continued.
for the Year 1919.
COUNTY.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	SEX.			NATIVITY.			Death-rate per 1,000.	
						Male.	Female.	Not stated.	Total.	American.	Foreign.		Not stated.
—	—	—	—	—	—	2	2	—	4	4	—	—	14.54
—	—	—	—	—	—	1	1	—	2	2	—	—	17.54
33	—	2	2	—	37	30	27	—	57	50	7	—	12.69
10	—	—	1	—	11	18	13	—	31	31	—	—	21.20
10	—	1	—	—	11	5	6	—	11	11	—	—	11.75
7	—	—	—	—	7	3	5	—	8	8	—	—	6.77
22	—	—	—	—	22	21	23	—	44	43	1	—	19.85
7	—	—	—	—	7	9	6	—	15	15	—	—	16.07
4	—	—	—	—	4	3	1	—	4	4	—	—	9.39
—	—	—	—	—	—	3	4	—	7	7	—	—	18.42
15	—	1	—	—	16	11	7	—	18	18	—	—	9.25
1	—	—	—	—	1	4	2	—	6	6	—	—	28.16
22	—	1	—	—	23	26	34	—	60	54	6	—	16.90
7	—	—	—	—	7	15	11	—	26	25	—	1	22.39
8	—	1	—	—	9	9	12	—	21	20	1	—	14.69
6	—	—	—	—	6	6	2	—	8	7	—	1	9.49
3	—	—	—	—	3	—	3	—	3	3	—	—	6.22
1	—	—	—	—	1	2	1	—	3	3	—	—	17.54
12	1	1	1	—	15	12	4	—	16	15	—	1	10.20
8	—	—	—	—	8	5	8	—	13	13	—	—	10.62
1	—	—	—	—	1	—	3	—	3	3	—	—	26.07
6	—	—	—	—	6	8	4	—	12	12	—	—	12.18
6	—	—	1	—	7	8	9	—	17	17	—	—	18.56
1	—	—	—	—	1	2	1	—	3	3	—	—	17.24

TABLE
Births, Marriages and Deaths

HANCOCK

TOWNS.	Estimated population in 1919.	BIRTHS.									
		SEX.					PARENTAGE.				
		Male.	Female.	Not Stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Southwest Harbor	888	6	5	—	11	12.39	10	1	—	—	—
Stonington	2,389	7	9	—	16	6.70	16	—	—	—	—
Sullivan	1,222	8	6	—	14	11.46	13	—	1	—	—
Surry	734	2	8	—	10	13.62	10	—	—	—	—
Swan's Island	749	4	6	—	10	13.35	10	—	—	—	—
Tremont	1,116	3	7	—	10	8.96	10	—	—	—	—
Trenton	354	2	3	—	5	14.12	4	—	—	1	—
Verona	229	3	2	—	5	21.83	5	—	—	—	—
Waltham	182	1	2	—	3	16.48	3	—	—	—	—
Winter Harbor ...	608	3	6	—	9	14.80	8	1	—	—	—
Long Island Pl. ..	215	1	4	—	5	23.26	5	—	—	—	—
No. 21 Pl.	39	—	—	—	—	—	—	—	—	—	—
No. 33 Pl.	54	—	—	—	—	—	—	—	—	—	—
Total	*35,993	263	227	—	490	13.61	433	10	26	18	3

* Population of County omitting that of unorganized townships, and other places not represented in this tabulation. See Table No. 1.

No. 3—Continued.
for the Year 1919.
COUNTY—Concluded.

MARRIAGES.							DEATHS.						
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	SEX.			NATIVITY.			Death-rate per 1,000.	
						Male.	Female.	Not stated.	Total.	American.	Foreign.		Not stated.
2	—	1	1	—	4	12	3	—	15	14	—	1	16.89
14	2	1	1	—	18	8	5	—	13	12	1	—	5.44
10	—	—	—	—	10	9	7	—	16	14	2	—	13.09
2	—	—	—	—	2	6	5	—	11	11	—	—	14.98
5	—	—	—	—	5	5	3	—	8	8	—	—	10.68
9	—	—	—	—	9	6	6	—	12	12	—	—	10.75
2	—	—	—	—	2	3	2	—	5	5	—	—	14.12
3	—	1	—	—	4	1	3	—	4	4	—	—	17.46
1	—	—	—	—	1	1	2	—	3	3	—	—	16.48
3	—	—	—	—	3	3	4	—	7	6	1	—	11.51
1	—	—	—	—	1	1	—	—	1	1	—	—	4.65
1	—	—	—	—	1	—	—	—	—	—	—	—	—
1	—	—	—	—	1	—	—	—	—	—	—	—	—
244	3	10	7	—	264	258	229	—	487	464	19	4	13.53

TABLE
Births, Marriages and Deaths

KENNEBEC

TOWNS.	Estimated popula- tion in 1919.	BIRTHS.									
		SEX.					PARENTAGE.				
		Male.	Female.	Not Stated.	Total.	Rate per 1,000.	Both American.	Both foreign	American mother and foreign father.	American father and foreign mother.	Not stated.
Albion	958	7	7	—	14	14.60	13	—	—	1	—
Augusta	14,588	132	130	—	262	17.96	151	57	34	20	—
Belgrade	1,037	10	7	—	17	16.39	15	—	—	2	—
Benton	1,284	11	5	—	16	12.46	13	1	2	—	—
Chelsea	3,324	4	7	—	11	33.09	11	—	—	—	—
China	1,297	5	8	—	13	10.02	11	—	1	1	—
Clinton	1,268	5	12	—	17	13.41	14	—	1	2	—
Farmingdale	823	5	5	—	10	12.15	9	—	—	1	—
Fayette	533	2	6	—	8	15.00	8	—	—	—	—
Gardiner	5,311	46	33	—	79	14.87	61	5	6	6	1
Hallowell	2,999	24	17	—	41	13.67	35	3	2	1	—
Litchfield	964	3	5	—	8	8.30	5	3	—	—	—
Manchester	676	—	5	—	5	7.40	5	—	—	—	—
Monmouth	1,521	9	8	—	17	11.18	13	2	1	1	—
Mount Vernon	898	9	6	—	15	16.70	15	—	—	—	—
Oakland	2,563	18	20	—	38	14.82	30	2	1	5	—
Pittston	954	5	4	—	9	9.43	8	—	1	—	—
Randolph	1,017	7	12	—	19	18.68	15	2	1	1	—
Readfield	997	4	9	—	13	13.04	13	—	—	—	—
Rome	458	3	2	—	5	10.92	3	1	—	1	—
Sidney	927	12	12	—	24	25.87	20	1	—	3	—
Vassalboro	2,095	16	13	—	29	13.84	19	4	5	1	—
Vienna	403	3	—	—	3	7.44	3	—	—	—	—
Waterville	13,240	145	142	—	287	21.68	144	86	28	27	2

No. 3—Continued.
for the Year 1919.
COUNTY.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	SEX.			NATIVITY.			Death-rate per 1,000.	
						Male.	Female.	Not stated.	Total.	American.	Foreign.		Not stated.
6	—	1	—	—	7	7	11	—	18	16	1	1	18.77
127	9	10	13	—	159	170	154	—	324	272	41	11	22.21
6	—	—	1	—	7	7	7	—	14	13	1	—	13.50
2	—	—	—	—	2	10	6	—	16	15	1	—	12.46
7	—	—	—	—	7	9	4	—	13	13	—	—	19.10
9	—	—	1	—	10	1	6	—	7	7	—	—	5.40
6	—	—	—	—	6	10	12	—	22	21	1	—	17.35
6	—	—	—	—	6	8	5	—	13	8	5	—	15.80
2	—	—	—	—	2	4	4	—	8	7	1	—	15.00
55	2	2	3	1	63	43	29	—	72	62	9	1	13.55
18	—	1	—	—	19	16	13	—	29	27	2	—	9.67
1	—	—	1	—	2	7	6	—	13	11	2	—	13.48
8	—	1	—	—	9	4	2	—	6	6	—	—	8.87
7	1	1	—	—	9	9	8	—	17	15	2	—	11.18
6	1	—	—	—	7	8	6	—	14	14	—	—	15.58
14	—	—	2	—	16	14	24	—	38	35	3	—	14.82
4	—	—	—	—	4	6	5	—	11	11	—	—	11.53
14	—	—	2	—	16	10	9	—	19	15	3	1	18.68
12	—	—	1	—	13	6	5	—	11	10	1	—	11.03
3	—	—	—	—	3	—	3	—	3	3	—	—	6.55
9	1	—	—	—	10	6	11	—	17	15	2	—	18.33
15	—	1	—	—	16	4	18	—	22	19	3	—	10.50
4	—	—	—	—	4	2	2	—	4	4	—	—	9.92
135	18	21	22	—	196	73	82	—	155	125	29	1	11.71

TABLE
Births, Marriages and Deaths

KENNEBEC

TOWNS.	Estimated population in 1919.	BIRTHS.									
		SEX.					PARENTAGE.				
		Male.	Female.	Not Stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Wayne	595	5	5	—	10	16.80	7	2	1	—	—
West Gardiner ..	629	3	4	—	7	11.12	7	—	—	—	—
Windsor	706	9	3	—	12	16.99	11	—	—	1	—
Winslow	3,096	49	36	—	85	27.45	22	46	10	7	—
Winthrop	2,141	8	10	—	18	8.41	11	4	1	2	—
Unity	57	2	3	—	5	8.77	4	—	—	—	1
Togus	—	—	—	—	—	—	—	—	—	—	—
Total	67,359	561	536	—	1,097	16.29	696	219	95	83	4

No. 3—Continued.
for the Year 1919.

COUNTY—Concluded.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	SEX.				NATIVITY.			Death-rate per 1,000.
						Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	
4	—	—	—	—	4	7	3	—	10	8	2	—	16.80
2	—	—	—	—	2	3	6	—	9	8	1	—	14.30
3	—	1	—	—	4	8	5	—	13	13	—	—	18.41
20	8	5	6	—	39	11	18	—	29	21	8	—	9.36
12	—	2	3	—	17	15	15	—	30	29	1	—	14.01
1	—	—	—	—	1	1	2	—	3	3	—	—	5.26
2	—	—	—	—	2	32	—	—	32	28	2	2	—
520	40	46	55	1	662	511	481	—	992	854	121	17	14.73

TABLE
Births, Marriages and Deaths

KNOX

TOWNS.	Estimated popula- tion in 1916.	BIRTHS.									
		SEX.				Rate per 1,000.	PARENTAGE.				
		Male.	Female.	Not Stated.	Total.		Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother	Not stated.
Appleton	842	7	8	—	15	17.81	14	—	—	1	—
Camden	3,186	16	21	—	37	11.61	32	1	1	3	—
Cushing	535	1	1	—	2	3.74	2	—	—	—	—
Friendship	776	10	6	—	16	20.61	14	—	—	1	1
Hope	497	9	4	—	13	26.16	13	—	—	—	—
Isle au Haut	160	—	2	—	2	12.50	2	—	—	—	—
North Haven	535	3	5	—	8	14.95	8	—	—	—	—
Rockland	8,192	61	87	—	148	18.06	114	14	12	6	2
Rockport	2,022	12	10	—	22	10.88	21	—	—	—	1
St. George	2,201	21	18	—	39	17.72	28	4	6	—	1
So. Thomaston ...	1,447	11	8	—	19	13.13	18	1	—	—	—
Thomaston	2,205	14	9	—	23	10.43	20	2	1	—	—
Union	1,233	6	5	—	11	8.92	11	—	—	—	—
Vinalhaven	2,334	12	10	—	22	9.42	16	3	3	—	—
Warren	1,812	7	8	—	15	8.28	13	—	1	1	—
Washington	814	6	10	—	16	19.65	14	—	—	2	—
Criehaven	46	—	—	—	—	—	—	—	—	—	—
Matinicus Isle Pl.	179	1	—	—	1	5.59	1	—	—	—	—
Total	29,272	197	212	—	409	13.97	341	25	24	14	5

No. 3—Continued.
for the Year 1919.
COUNTY.

MARRIAGES.							DEATHS.						
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	SEX.			NATIVITY.			Death-rate per 1,000.	
						Male.	Female.	Not stated.	Total.	American.	Foreign.		Not stated.
5	—	—	—	—	5	4	6	—	10	9	1	—	11.87
33	—	2	3	—	38	21	22	—	43	38	5	—	13.49
3	—	—	—	—	3	5	2	—	7	7	—	—	13.08
7	—	1	—	—	8	7	3	—	10	10	—	—	12.88
4	—	—	—	—	4	2	1	—	3	3	—	—	6.04
3	—	—	—	—	3	2	—	—	2	2	—	—	12.50
5	—	—	—	—	5	1	7	—	8	8	—	—	14.95
87	5	3	3	—	98	82	85	—	167	149	16	2	20.37
19	—	—	1	—	20	10	18	—	28	27	1	—	13.85
18	—	—	—	—	18	11	14	—	25	23	2	—	11.36
8	—	—	1	—	9	10	8	—	18	16	2	—	12.44
18	1	—	—	—	19	16	23	—	39	38	1	—	17.69
7	—	—	—	—	7	8	13	—	21	20	1	—	17.03
15	1	—	1	—	17	13	15	—	28	26	2	—	11.99
15	—	1	—	—	16	16	18	—	34	33	—	—	18.76
4	—	—	—	—	4	6	7	—	13	13	—	—	15.96
1	—	—	—	—	1	—	—	—	—	—	—	—	—
2	—	—	—	—	2	2	—	—	2	1	1	—	11.17
254	7	7	9	—	277	216	242	—	458	423	33	2	15.64

TABLE
Births, Marriages and Deaths

LINCOLN

TOWNS.	Estimated population in 1919.	BIRTHS.									
		SEX.					PARENTAGE.				
		Male.	Female.	Not Stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Alna	466	3	2	—	5	10.73	4	1	—	—	—
Boothbay	1,700	14	10	—	24	14.12	20	2	2	—	—
Boothbay Harbor .	2,111	21	26	—	47	22.26	40	2	3	2	—
Bremen	550	4	3	—	7	12.73	7	—	—	—	—
Bristol	2,415	4	7	—	11	4.55	10	—	—	1	—
Damariscotta	771	4	4	—	8	10.38	7	—	—	1	—
Dresden	815	2	5	—	7	8.58	7	—	—	—	—
Edgecomb	513	—	1	—	1	1.95	1	—	—	—	—
Jefferson	1,030	3	7	—	10	9.70	10	—	—	—	—
New Castle	1,066	7	8	—	15	14.07	12	2	1	—	—
Nobleboro	775	3	9	—	12	15.48	11	—	—	—	1
Somerville	291	2	3	—	5	17.18	4	1	—	—	—
South Bristol	800	11	9	—	20	25.00	18	—	2	—	—
Southport	409	2	1	—	3	7.33	2	—	1	—	—
Waldoboro	2,656	16	20	—	36	13.55	34	1	1	—	—
Westport	284	3	3	—	6	21.13	6	—	—	—	—
Whitefield	1,056	8	7	—	15	14.20	12	1	1	1	—
Wiscasset	1,300	16	14	—	30	23.08	28	—	—	2	—
Monhegan Pl.	147	—	—	—	—	—	—	—	—	—	—
Total	19,155	123	139	—	262	13.67	233	10	11	7	1

No. 3—Continued.
for the Year 1919.
COUNTY.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	SEX.			NATIVITY.			Death-rate per 1,000.	
						Male.	Female.	Not stated.	Total.	American.	Foreign.		Not stated.
1	—	—	—	—	1	3	1	—	4	4	—	—	8.58
15	—	—	—	—	15	9	11	—	20	17	3	—	11.76
14	—	1	—	—	15	11	8	—	19	16	3	—	9.00
3	—	—	—	—	3	1	3	—	4	4	—	—	7.27
10	—	—	1	—	11	8	10	—	18	18	—	—	7.45
4	—	1	—	—	5	4	9	—	13	13	—	—	16.86
3	—	—	—	—	3	1	7	—	8	8	—	—	9.81
2	—	—	—	—	2	1	2	—	3	3	—	—	5.85
5	—	—	—	—	5	6	10	—	16	15	1	—	15.53
1	—	—	1	—	2	5	7	—	12	12	—	—	11.26
2	—	—	1	—	3	7	8	—	15	15	—	—	19.35
3	—	—	—	—	3	2	1	—	3	3	—	—	10.30
4	—	1	—	—	5	5	4	—	9	9	—	—	11.25
2	—	—	—	—	2	2	2	—	4	4	—	—	9.78
17	—	1	—	—	18	28	27	—	55	54	1	—	20.71
1	—	—	—	—	1	1	3	—	4	4	—	—	14.08
9	1	—	—	—	10	13	7	—	20	20	—	—	18.93
13	—	—	—	—	13	15	9	—	24	22	2	—	18.46
1	—	—	—	—	1	—	—	—	—	—	—	—	—
110	1	4	3	—	118	122	129	—	251	241	10	—	13.10

TABLE
Births, Marriages and Deaths

OXFORD

TOWNS.	Estimated population in 1919.	BIRTHS.									
		SEX.				PARENTAGE.					
		Male.	Female.	Not Stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Albany	410	—	6	—	6	14.63	6	—	—	—	—
Andover	784	5	3	—	8	10.20	7	—	—	1	—
Bethel	2,020	20	17	—	37	18.32	31	1	3	2	—
Brownfield	933	7	7	—	14	14.99	13	—	1	—	—
Buckfield	1,087	3	6	—	9	8.29	9	—	—	—	—
Byron	187	1	4	—	5	26.74	4	1	—	—	—
Canton	1,076	5	6	—	11	10.22	9	2	—	—	—
Denmark	596	2	8	—	10	16.78	7	2	—	1	—
Dixfield	1,060	10	12	—	22	20.75	17	—	1	3	1
Fryeburg	1,282	10	3	—	13	10.14	13	—	—	—	—
Gilead	233	1	1	—	2	8.58	—	—	1	1	—
Grafton	64	—	—	—	—	—	—	—	—	—	—
Greenwood	664	5	6	—	11	16.57	7	2	1	1	—
Hanover	196	3	1	—	4	20.41	4	—	—	—	—
Hartford	592	6	4	—	10	16.89	9	—	1	—	—
Hebron	701	5	2	—	7	9.98	7	—	—	—	—
Hiram	945	7	6	—	13	13.75	11	—	1	1	—
Lovell	668	3	2	—	5	7.49	5	—	—	—	—
Mason	60	1	—	—	1	16.66	1	—	—	—	—
Mexico	3,190	37	32	—	69	21.62	24	28	14	3	—
Newry	271	—	2	—	2	7.38	—	1	1	—	—
Norway	3,092	29	17	—	46	14.88	38	5	3	—	—
Oxford	1,221	8	8	—	16	13.10	13	1	2	—	—
Paris	3,625	25	29	—	54	14.89	35	14	—	5	—

No. 3—Continued.
for the Year 1919.
COUNTY.

MARRIAGES.							DEATHS.						
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	SEX.			NATIVITY.			Death-rate per 1,000.	
						Male.	Female.	Not stated.	Total.	American.	Foreign.		Not stated.
6	—	—	—	—	6	3	2	—	5	5	—	—	12.19
1	—	—	1	—	2	6	—	—	6	6	—	—	7.65
15	—	—	1	—	16	9	7	—	16	14	2	—	7.92
7	—	—	—	—	7	3	6	—	9	8	1	—	9.64
13	—	—	—	—	13	16	6	—	22	21	1	—	20.24
1	—	—	—	—	1	2	1	—	3	3	—	—	16.04
3	1	—	1	—	5	6	4	—	10	10	—	—	9.29
2	—	—	—	—	2	4	3	—	7	7	—	—	11.74
10	—	—	1	—	11	5	8	—	13	11	2	—	12.26
8	—	—	—	—	8	15	6	—	21	20	1	—	16.38
1	—	—	—	—	1	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	1	—	1	1	—	—	15.62
4	—	—	—	—	4	4	5	—	9	9	—	—	13.55
—	—	—	—	—	—	—	1	—	1	1	—	—	5.10
3	—	1	—	—	4	2	4	—	6	6	—	—	10.13
3	—	—	—	—	3	7	11	—	18	16	2	—	25.67
14	—	—	—	—	14	6	9	—	15	15	—	—	15.87
6	—	—	—	—	6	4	6	—	10	10	—	—	14.97
—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	3	2	4	—	27	21	17	—	38	28	10	—	11.91
1	—	—	—	—	1	1	1	—	2	2	—	—	7.38
31	1	1	—	—	33	18	22	—	40	37	3	—	12.94
14	—	—	—	—	14	7	5	—	12	10	2	—	9.83
20	1	1	—	—	22	30	34	—	64	57	6	1	17.65

TABLE
Births, Marriages and Deaths
OXFORD

TOWNS.	Estimated popula- tion in 1919.	BIRTHS.										
		SEX.					PARENTAGE.					
		Male.	Female.	Not Stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.	
Peru	746	7	5	—	12	16.08	12	—	—	—	—	—
Porter	864	3	2	—	5	5.79	5	—	—	—	—	—
Roxbury	374	3	1	—	4	10.69	2	—	1	1	—	—
Rumford	9,483	132	122	—	254	26.77	63	134	32	25	—	—
Stoneham	253	2	2	—	4	15.81	4	—	—	—	—	—
Stow	224	2	1	—	3	13.39	3	—	—	—	—	—
Sumner	762	4	10	—	14	18.37	11	—	—	—	3	—
Sweden	266	2	2	—	4	15.04	4	—	—	—	—	—
Upton	360	2	—	—	2	5.55	—	—	2	—	—	—
Waterford	952	7	3	—	10	10.50	5	4	—	—	—	1
Woodstock	808	11	4	—	15	18.56	9	5	—	1	—	—
Lincoln Pl.	514	—	1	—	1	1.94	1	—	—	—	—	—
Magalloway Pl. ..	115	—	1	—	1	8.69	1	—	—	—	—	—
Milton Pl.	206	1	2	—	3	14.56	3	—	—	—	—	—
Total	*40,933	369	338	—	707	17.27	393	200	64	48	2	—

* Population of County omitting that of unorganized townships, and other places not represented in this tabulation. See Table No. 1.

No. 3—Continued.
for the Year 1919.

COUNTY—Concluded.

MARRIAGES.						DEATHS.							
						SEX.				NATIVITY.			Death-rate per 1,000.
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	
6	—	—	—	—	6	5	2	—	7	6	1	—	9.38
6	—	—	—	—	6	4	6	—	10	9	1	—	11.58
3	—	—	1	—	4	2	1	—	3	3	—	—	8.02
37	29	16	25	—	107	52	35	—	87	59	27	1	9.17
—	—	1	—	—	1	3	2	—	5	5	—	—	19.76
1	—	—	—	—	1	2	2	—	4	4	—	—	17.86
1	—	—	—	—	1	8	5	—	13	13	—	—	17.06
2	—	—	—	—	2	—	3	—	3	3	—	—	11.28
2	—	—	—	—	2	1	—	—	1	1	—	—	2.78
3	—	—	—	—	3	6	4	—	10	10	—	—	10.50
4	—	—	—	—	4	4	5	—	9	9	—	—	11.13
1	—	—	—	—	1	—	—	—	—	—	—	—	—
3	—	—	—	—	3	1	—	—	1	—	—	1	8.69
5	—	1	—	—	6	1	1	—	2	2	—	—	9.71
255	35	23	34	—	347	258	225	—	483	421	59	3	11.80

TABLE
Births, Marriages and Deaths

PENOBSCOT

TOWNS.	Estimated popula- tion in 1919.	BIRTHS.									
		SEX.					PARENTAGE.				
		Male.	Female.	Not Stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Alton	259	4	1	—	5	19.31	3	2	—	—	—
Argyle	233	3	1	—	4	17.16	4	—	—	—	—
Bangor	27,458	227	208	—	435	15.84	266	73	44	38	14
Bradford	930	9	5	—	14	15.05	13	—	1	—	—
Bradley	634	2	6	—	8	12.62	7	1	—	—	—
Brewer	6,414	69	62	—	131	20.42	80	20	12	19	—
Burlington	370	4	6	—	10	27.02	9	—	—	1	—
Carmel	1,158	1	9	—	10	8.64	9	—	—	1	—
Carroll	490	4	10	—	14	28.56	12	—	—	1	1
Charleston	882	9	5	—	14	15.86	11	1	1	1	—
Chester	349	2	2	—	4	11.46	4	—	—	—	—
Clifton	217	1	1	—	2	9.22	2	—	—	—	—
Corinna	1,300	12	10	—	22	16.92	20	—	—	2	—
Corinth	1,034	8	8	—	16	15.47	11	—	1	4	—
Dexter	4,061	50	37	—	87	21.42	69	5	7	6	—
Dixmont	757	2	2	—	4	5.28	3	—	—	1	—
East Millinocket .	923	19	16	—	35	37.91	19	10	3	3	—
Eddington	611	1	1	—	2	3.27	1	1	—	—	—
Enfield	970	13	11	—	24	24.72	18	1	4	1	—
Etna	523	—	6	—	6	11.47	6	—	—	—	—
Exeter	897	5	8	—	13	14.48	12	—	—	1	—
Garland	817	6	2	—	8	9.78	8	—	—	—	—
Glenburn	457	4	1	—	5	10.94	5	—	—	—	—
Greenbush	485	3	1	—	4	8.24	4	—	—	—	—

No. 3—Continued.
for the Year 1919.
COUNTY.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	SEX.			NATIVITY.			Death-rate per 1,000.	
						Male.	Female.	Not stated.	Total.	American.	Foreign.		Not stated.
3	—	—	—	—	3	3	3	—	6	4	2	—	23.16
2	—	—	—	—	2	1	1	—	2	2	—	—	8.58
198	18	16	34	—	266	302	251	—	553	427	118	8	20.14
4	—	—	—	—	4	10	7	—	17	14	3	—	18.28
8	1	1	1	—	11	6	3	—	9	8	1	—	14.19
41	5	5	8	—	59	28	37	—	65	60	5	—	10.13
3	—	—	1	—	4	2	2	—	4	4	—	—	10.81
8	—	1	—	—	9	1	5	—	6	6	—	—	5.18
7	—	—	—	—	7	3	3	—	6	6	—	—	12.24
4	—	—	—	—	4	7	2	—	9	8	1	—	10.20
5	—	—	—	—	5	1	1	—	2	2	—	—	5.73
—	—	—	—	—	—	1	—	—	1	1	—	—	4.61
15	—	—	—	—	15	10	7	—	17	16	1	—	13.08
5	—	1	1	—	7	8	5	—	13	13	—	—	12.57
38	1	8	2	—	49	31	24	—	55	45	9	1	13.54
—	—	—	—	—	—	8	6	—	14	12	—	2	18.49
6	—	—	1	—	7	1	4	—	5	4	1	—	5.42
3	—	—	1	—	4	6	3	—	9	7	2	—	14.72
3	—	1	—	—	4	9	5	—	14	11	3	—	14.42
4	—	1	—	—	5	5	3	—	8	8	—	—	15.30
2	—	1	—	—	3	6	4	—	10	7	3	—	11.14
5	—	—	—	—	5	5	7	—	12	12	—	—	14.68
1	—	—	1	—	2	—	1	—	1	1	—	—	2.19
2	—	—	—	—	2	5	2	—	7	6	—	1	14.43

TABLE
Births, Marriages and Deaths

PENOBSCOT

TOWNS.	Estimated population in 1919.	BIRTHS.										
		SEX.				PARENTAGE.						
		Male.	Female.	Not Stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.	
Greenfield	231	1	—	—	1	4.32	1	—	—	—	—	—
Hampden	2,560	9	17	—	26	10.16	21	2	3	—	—	—
Hermon	1,237	10	9	—	19	15.36	12	3	2	2	—	—
Holden	616	1	4	—	5	8.12	5	—	—	—	—	—
Howland	494	5	10	—	15	30.36	11	2	1	1	—	—
Hudson	403	1	3	—	4	9.92	4	—	—	—	—	—
Kenduskeag	535	7	5	—	12	22.43	10	—	1	1	—	—
Kingman	741	8	4	—	12	16.19	10	—	1	1	—	—
Lagrange	608	4	4	—	8	13.15	5	1	2	—	—	—
Lee	748	3	5	—	8	10.69	8	—	—	—	—	—
Levant	707	4	2	—	6	8.48	5	—	—	—	1	—
Lincoln	2,222	21	38	—	59	26.55	51	3	3	1	1	1
Lowell	259	4	—	—	4	15.44	4	—	—	—	—	—
Mattawamkeag ...	517	4	3	—	7	13.54	7	—	—	—	—	—
Maxfield	79	—	1	—	1	12.65	1	—	—	—	—	—
Medway	662	9	2	—	11	16.61	8	—	1	1	1	1
Milford	1,084	5	13	—	18	16.61	15	—	3	—	—	—
Millinocket	3,368	62	70	—	132	39.19	57	36	26	12	1	1
Mt. Chase	227	7	4	—	11	48.46	7	3	1	—	—	—
Newburg	694	4	1	—	5	7.20	5	—	—	—	—	—
Newport	1,936	14	12	—	26	13.43	20	—	2	4	—	—
Old Town	6,812	73	78	—	151	22.15	89	26	17	17	2	2
Orono	3,825	42	38	—	80	20.91	38	21	13	7	1	1
Orrington	1,219	14	8	—	22	18.05	15	4	3	—	—	—

No. 3—Continued.
for the Year 1919.
COUNTY—Continued.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	SEX.			NATIVITY.			Death-rate per 1,000.	
						Male.	Female.	Not stated.	Total.	American.	Foreign.		Not stated.
—	—	—	1	—	1	1	—	—	1	1	—	—	4.32
12	1	1	—	—	14	19	25	—	44	40	3	1	17.19
6	—	—	1	—	7	6	8	—	14	14	—	—	11.32
5	—	1	1	—	7	4	3	—	7	6	1	—	11.36
8	—	—	2	—	10	2	8	—	10	9	1	—	20.24
2	—	—	—	—	2	6	3	—	9	9	—	—	22.33
—	—	1	—	—	1	5	4	—	9	9	—	—	16.82
3	—	1	1	—	5	5	1	—	6	4	2	—	8.09
8	—	—	1	—	9	6	1	—	7	6	—	1	14.80
7	—	—	—	—	7	7	2	—	9	8	1	—	12.02
7	—	1	—	—	8	7	10	—	17	17	—	—	24.04
20	2	4	2	—	28	11	13	—	24	21	3	—	10.80
1	—	—	—	—	1	2	1	—	3	3	—	—	11.58
3	1	—	1	—	5	6	6	—	12	8	2	2	23.21
1	—	—	—	—	1	2	—	—	2	—	1	1	25.30
4	—	—	—	—	4	1	1	—	2	2	—	—	3.02
8	—	1	1	—	10	12	7	—	19	14	5	—	17.53
23	6	2	11	—	42	17	11	—	28	25	3	—	8.31
6	—	2	—	—	8	1	1	—	2	2	—	—	8.81
5	—	—	—	—	5	8	5	—	13	13	—	—	18.72
18	—	—	—	—	18	15	14	—	29	29	—	—	14.99
43	6	9	5	—	63	39	51	—	90	72	18	—	13.20
30	1	2	8	—	41	18	17	—	35	28	6	1	9.15
5	—	—	1	—	6	6	6	—	12	11	1	—	9.84

TABLE
Births, Marriages and Deaths

PENOBSBOT

TOWNS.	Estimated population in 1919.	BIRTHS.									
		SEX.					PARENTAGE.				
		Male.	Female.	Not Stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Passadumkeag	481	4	3	—	7	14.55	5	—	1	1	—
Patten	1,613	16	16	—	32	19.84	18	2	7	5	—
Plymouth	590	4	4	—	8	13.55	8	—	—	—	—
Prentiss	472	8	8	—	16	33.89	15	—	—	1	—
Springfield	459	3	7	—	10	21.78	9	—	—	1	—
Stetson	480	3	2	—	5	10.42	5	—	—	—	—
Veazie	558	7	2	—	9	16.13	8	—	—	1	—
Winn	655	8	4	—	12	18.31	10	—	2	—	—
Woodville	125	—	1	—	1	8.00	1	—	—	—	—
Drew Pl.	364	2	3	—	5	18.94	3	2	—	—	—
Grand Falls Pl. ..	50	1	—	—	1	20.00	1	—	—	—	—
Lakeville Pl.	96	1	—	—	1	10.41	1	—	—	—	—
Seboeis Pl.	86	1	2	—	3	34.86	3	—	—	—	—
Stacyville Pl.	784	10	8	—	18	22.95	12	3	2	—	1
Webster Pl.	103	—	3	—	3	29.12	2	—	1	—	—
Total	*91,058	838	813	—	1,651	18.13	1,106	222	165	136	22

* Population of County omitting that of unorganized townships, and other places not represented in this tabulation. See Table No. 1.

No. 3—Continued.
for the Year 1919.

COUNTY—Concluded.

MARRIAGES.							DEATHS.						
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	SEX.			NATIVITY.			Death-rate per 1,000.	
						Male.	Female.	Not stated.	Total.	American.	Foreign.		Not stated.
3	—	—	—	—	3	2	3	—	5	5	—	—	10.40
12	—	2	1	—	15	11	11	—	22	16	5	1	13.64
6	—	—	—	—	6	4	3	—	7	5	1	1	11.86
8	—	—	—	—	8	3	—	—	3	3	—	—	6.35
2	—	—	—	—	2	2	3	—	5	4	1	—	10.89
7	—	1	—	—	8	4	8	—	12	12	—	—	24.10
3	—	—	—	—	3	5	5	—	10	10	—	—	17.92
5	—	—	—	—	5	5	3	—	8	8	—	—	12.21
—	—	—	—	—	—	—	1	—	1	—	—	1	8.00
1	—	—	—	—	1	—	—	—	—	—	—	—	—
2	—	—	—	—	2	1	2	—	3	3	—	—	60.00
1	—	—	—	—	1	—	—	—	—	—	—	—	—
4	—	—	—	—	4	—	—	—	—	—	—	—	—
4	—	—	1	—	5	1	2	—	3	2	1	—	3.83
1	—	—	—	—	1	1	—	—	1	1	—	—	9.71
651	42	63	88	—	844	704	625	—	1,329	1,104	204	21	14.59

TABLE
Births, Marriages and Deaths
PISCATAQUIS

TOWNS.	Estimated popula- tion in 1919.	BIRTHS.									
		SEX.				PARENTAGE.					
		Male.	Female.	Not Stated.	Total.	Rate per 1,000.	Both American.	Both foreign	American mother and foreign father.	American father and foreign mother.	Not stated.
Abbot	705	3	10	—	13	18.43	10	1	1	1	—
Atkinson	555	3	6	—	9	16.21	7	—	2	—	—
Blanchard	175	—	—	—	—	—	—	—	—	—	—
Bowerbank	85	—	—	—	—	—	—	—	—	—	—
Brownville	2,024	12	6	—	18	8.89	6	10	1	1	—
Dover	2,271	4	9	—	13	5.72	11	—	1	—	1
Foxcroft	2,083	25	23	—	48	23.04	40	1	4	3	—
Greenville	1,798	23	24	—	47	26.14	25	6	8	7	1
Guilford	1,806	14	14	—	28	15.50	28	—	—	—	—
Medford	262	1	3	—	4	15.26	4	—	—	—	—
Milo	3,825	36	24	—	60	15.68	46	6	5	3	—
Monson	1,360	4	6	—	10	7.35	6	1	2	1	—
Orneville	377	1	1	—	2	5.30	2	—	—	—	—
Parkman	646	4	6	—	10	15.47	8	—	2	—	—
Sangerville	1,346	14	16	—	30	22.29	25	—	4	—	1
Sebec	549	3	2	—	5	9.11	5	—	—	—	—
Shirley	415	2	2	—	4	9.64	4	—	—	—	—
Wellington	393	4	2	—	6	15.26	6	—	—	—	—
Williamsburg	156	—	—	—	—	—	—	—	—	—	—
Willimantic	271	2	2	—	4	14.76	4	—	—	—	—
Barnard Pl.	103	2	—	—	2	19.42	2	—	—	—	—
Elliotsville Pl. ...	147	2	—	—	2	13.60	2	—	—	—	—
Lake View Pl. ...	308	5	1	—	6	19.48	3	1	1	1	—
Total	*21,843	164	157	—	321	14.69	244	26	31	17	3

* Population of County omitting that of unorganized townships, and other places not represented in this tabulation. See Table No. 1.

No. 3—Continued.
for the Year 1919.
COUNTY.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	SEX.			NATIVITY.			Death-rate per 1,000.	
						Male.	Female.	Not stated.	Total.	American.	Foreign.		Not stated.
1	—	—	—	—	1	3	5	—	8	8	—	—	11.34
3	—	2	—	—	5	2	6	—	8	8	—	—	14.41
2	—	—	—	—	2	3	—	—	3	3	—	—	17.13
—	—	—	—	—	—	1	1	—	2	1	1	—	23.52
6	1	2	2	—	11	31	13	—	44	18	10	16	21.74
19	1	2	3	—	25	14	10	—	24	23	1	—	10.57
12	—	2	1	—	15	18	10	—	28	22	4	2	13.44
11	4	4	8	—	27	35	15	—	50	33	13	4	27.81
16	—	—	—	—	16	8	20	—	28	26	1	1	15.50
1	—	1	—	—	2	—	—	—	—	—	—	—	—
28	1	2	—	—	31	19	14	—	33	30	2	1	8.63
8	1	—	1	—	10	8	8	—	16	8	7	1	11.76
2	—	—	—	—	2	—	1	—	1	—	1	—	2.65
4	—	—	—	—	4	1	6	—	7	7	—	—	10.83
11	2	1	—	—	14	6	12	—	18	17	1	—	13.37
4	—	—	—	—	4	1	2	—	3	2	—	1	5.46
2	—	—	1	—	3	—	2	—	2	1	1	—	4.82
3	—	—	1	—	4	1	3	—	4	4	—	—	10.18
—	—	—	—	—	—	—	2	—	2	2	—	—	12.82
—	—	—	—	—	—	3	—	—	3	3	—	—	11.07
1	—	—	—	—	1	3	2	—	5	5	—	—	48.54
—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	2	1	1	—	2	2	—	—	6.49
136	10	16	17	—	179	158	133	—	291	223	42	26	13.32

TABLE
Births, Marriages and Deaths

SAGADAHOC

TOWNS.	Estimated population in 1919.	BIRTHS.											
		SEX.					PARENTAGE.						
		Male.	Female.	Not Stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.		
Arrowsic	147	—	—	—	—	—	—	—	—	—	—	—	—
Bath	17,000	163	157	—	320	18.82	232	32	27	27	2	—	—
Bowdoin	814	4	2	—	6	7.37	5	—	—	1	—	—	—
Bowdoinham	1,457	8	6	—	14	9.61	13	—	—	1	—	—	—
Georgetown	742	5	3	—	8	10.78	8	—	—	—	—	—	—
Phippsburg	1,079	10	12	—	22	20.39	18	—	3	1	—	—	—
Richmond	1,858	21	12	—	33	17.76	29	1	1	2	—	—	—
Topsham	2,016	27	23	—	50	24.80	26	17	4	3	—	—	—
West Bath	230	5	2	—	7	30.43	5	1	1	—	—	—	—
Woolwich	868	7	5	—	12	31.82	9	—	—	3	—	—	—
Total	26,211	250	222	—	472	18.01	345	51	36	38	2	—	—

No. 3—Continued.
for the Year 1919.
COUNTY.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	SEX.				NATIVITY.			Death-rate per 1,000.
						Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	
1	—	—	—	—	1	1	1	—	2	2	—	—	13.60
144	4	15	22	—	185	85	100	—	185	164	21	—	10.88
8	—	—	—	—	8	5	5	—	10	10	—	—	12.28
3	—	1	—	—	4	6	11	—	17	17	—	—	11.67
2	—	—	1	—	3	7	4	—	11	10	1	—	14.82
4	—	—	—	—	4	10	4	—	14	14	—	—	12.97
18	—	—	—	—	18	24	24	—	48	44	3	1	25.83
12	1	1	2	—	16	14	17	—	31	27	4	—	15.38
—	—	—	—	—	—	—	3	—	3	3	—	—	13.04
7	—	1	—	—	8	12	5	—	17	16	1	—	19.58
199	5	18	25	—	247	164	174	—	338	307	30	1	12.89

TABLE
Births, Marriages and Deaths

SOMERSET

TOWNS.	Estimated population in 1919.	BIRTHS.									
		SEX.				PARENTAGE.					
		Male.	Female.	Not Stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Anson	2,551	37	29	—	66	25.87	36	12	13	4	1
Athens	932	6	2	—	8	8.58	8	—	—	—	—
Bingham	775	11	6	—	17	21.93	17	—	—	—	—
Cambridge	378	2	3	—	5	13.22	3	—	—	2	—
Canaan	874	8	12	—	20	22.88	18	1	—	1	—
Concord	256	—	—	—	—	—	—	—	—	—	—
Cornville	747	5	3	—	8	10.70	7	1	—	—	—
Detroit	461	5	2	—	7	15.18	7	—	—	—	—
Embden	529	4	7	—	11	20.79	9	—	1	1	—
Fairfield	4,939	30	47	—	77	15.58	48	11	6	11	1
Harmony	874	9	8	—	17	19.45	14	—	1	1	1
Hartland	1,230	14	4	—	18	14.63	17	1	—	—	—
Madison	3,928	31	47	—	78	19.85	40	25	8	4	1
Mercer	441	3	3	—	6	13.60	4	1	1	—	—
Moscow	644	6	—	—	6	9.31	6	—	—	—	—
New Portland	882	7	11	—	18	20.39	16	—	1	—	1
Norridgewock	1,707	12	10	—	22	12.89	15	4	1	2	—
Palmyra	1,005	7	7	—	14	13.93	11	1	1	1	—
Pittsfield	2,891	20	26	—	46	15.91	40	2	3	1	—
Ripley.	434	2	2	—	4	9.22	4	—	—	—	—
St. Albans	1,027	15	11	—	26	25.32	22	2	1	1	—
Skowhegan	5,485	56	68	—	124	22.61	84	12	17	10	1
Smithfield	427	1	5	—	6	14.05	3	—	—	3	—
Solon	1,070	8	4	—	12	11.21	11	—	—	1	—

No. 3—Continued.

for the Year 1919.

COUNTY.

MARRIAGES.							DEATHS.						
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	SEX.			NATIVITY.			Death-rate per 1,000.	
						Male.	Female.	Not stated.	Total.	American.	Foreign.		Not stated.
17	—	2	5	—	24	16	14	—	30	29	1	—	11.76
5	—	—	—	—	5	9	5	—	14	14	—	—	15.00
9	—	—	1	—	10	11	14	—	25	23	—	2	32.25
2	—	1	—	—	3	2	4	—	6	6	—	—	15.87
3	—	—	—	—	3	9	5	—	14	14	—	—	16.02
1	—	—	—	—	1	1	—	—	1	1	—	—	3.91
10	1	2	—	—	13	4	4	—	8	8	—	—	10.70
7	—	1	—	—	8	4	3	—	7	6	1	—	15.18
3	—	—	—	—	3	2	4	—	6	6	—	—	11.34
30	3	2	3	—	38	74	45	—	119	85	32	2	24.08
9	—	—	—	—	9	6	3	—	9	8	1	—	10.30
14	—	1	—	—	15	11	8	—	19	18	1	—	15.45
22	4	5	7	—	38	22	28	—	50	48	2	—	12.73
5	—	—	—	—	5	3	—	—	3	3	—	—	6.80
6	—	1	—	—	7	3	1	—	4	4	—	—	6.21
11	—	—	—	—	11	4	12	—	16	15	1	—	18.13
9	—	—	—	—	9	13	13	—	26	25	1	—	15.23
5	—	—	—	—	5	7	5	—	12	12	—	—	11.94
39	—	2	5	—	46	10	18	—	28	27	1	—	9.69
2	—	—	—	—	2	3	3	—	6	6	—	—	13.82
15	—	—	1	—	16	5	4	—	9	8	1	—	8.76
40	6	5	6	—	57	50	44	—	94	76	18	—	17.14
4	—	—	—	—	4	4	2	—	6	6	—	—	14.05
8	—	—	—	—	8	8	15	—	23	22	1	—	21.49

TABLE
Births, Marriages and Deaths

SOMERSET

TOWNS.	Estimated population in 1919.	BIRTHS.									
		SEX.					PARENTAGE.				
		Male.	Female.	Not Stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Stark	549	6	5	—	11	20.03	9	1	—	1	—
Bigelow	54	—	2	—	2	37.02	1	—	—	1	—
Brighton	274	1	4	—	5	18.25	3	—	—	2	—
Carratunk	253	2	3	—	5	19.76	4	—	—	—	—
Dead River	96	—	2	—	2	20.82	2	—	—	—	—
Dennistown	102	2	2	—	4	39.21	1	1	1	1	—
Flagstaff Pl.	176	2	—	—	2	11.36	1	—	—	1	—
Highland Pl.	69	1	3	—	4	57.96	4	—	—	—	—
Jackman Pl.	955	15	21	—	36	37.69	7	19	5	5	—
Lexington Pl.	246	4	1	—	5	20.33	2	1	1	1	—
Long Fond Pl. ...	324	6	7	—	13	40.12	3	6	4	—	—
Mayfield Pl.	67	—	1	—	1	14.92	1	—	—	—	—
Moose River Pl. ...	260	10	7	—	17	65.38	6	9	—	2	—
Pleasant Ridge Pl.	92	1	1	—	2	21.72	2	—	—	—	—
The Forks Pl.	179	3	3	—	6	33.52	4	1	1	—	—
West Forks Pl. ...	138	2	1	—	3	21.74	2	—	—	1	—
Total	*38,321	354	380	—	734	19.15	492	111	67	58	6

* Population of County omitting that of unorganized townships, and other places not represented in this tabulation. See Table No. 1.

No. 3—Continued.

for the Year 1919.

COUNTY—Concluded.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	SEX.				NATIVITY.			Death-rate per 1,000.
						Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	
5	—	—	—	—	5	5	3	—	8	7	1	—	14.57
—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	2	4	2	—	6	6	—	—	21.89
—	—	—	1	—	1	2	1	—	3	3	—	—	11.86
1	—	—	—	—	1	1	—	—	1	1	—	—	10.41
—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	1	—	—	1	1	—	—	5.68
—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	2	4	—	8	12	5	—	17	8	7	2	17.80
2	—	—	—	—	2	—	1	—	1	1	—	—	4.07
3	—	—	—	—	3	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	2	—	2	—	8	3	1	—	4	2	2	—	15.38
3	—	—	—	—	3	—	—	—	—	—	—	—	—
2	—	—	—	—	2	1	3	—	4	3	1	—	22.34
2	—	—	—	—	2	2	—	—	4	2	—	—	14.49
302	16	24	35	—	377	312	270	—	582	504	72	6	15.19

TABLE
Births, Marriages and Deaths

WALDO

TOWNS.	Estimated popula- tion in 1919.	BIRTHS.									
		SEX.					PARENTAGE.				
		Male.	Female.	Not Stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Belfast	4,621	46	32	—	78	16.88	71	1	3	3	—
Belmont	335	—	—	—	—	—	—	—	—	—	—
Brooks	740	7	4	—	11	14.86	10	—	1	—	—
Burnham	733	7	4	—	11	15.00	11	—	—	—	—
Frankfort	1,157	6	7	—	13	11.24	10	—	—	1	2
Freedom	481	5	3	—	8	16.63	7	—	—	1	—
Islesboro	877	4	5	—	9	10.26	7	1	—	1	—
Jackson	416	2	6	—	8	19.22	7	—	—	1	—
Knox	511	4	5	—	9	17.61	7	—	—	2	—
Liberty	650	1	1	—	2	3.07	1	—	1	—	—
Lincolnton	1,020	8	9	—	17	16.67	16	—	1	—	—
Monroe	872	8	8	—	16	18.34	14	—	1	1	—
Montville	850	8	8	—	16	18.82	16	—	—	—	—
Morrill	353	5	4	—	9	25.49	9	—	—	—	—
Northport	518	5	3	—	8	15.44	8	—	—	—	—
Palermo	690	2	9	—	11	15.94	11	—	—	—	—
Prospect	597	3	1	—	4	6.70	4	—	—	—	—
Searsmont	828	8	2	—	10	12.07	10	—	—	—	—
Searsport	1,534	15	11	—	26	16.95	24	1	1	—	—
Stockton Springs	1,310	16	10	—	26	19.85	21	—	4	1	—
Swanville	467	2	1	—	3	6.42	3	—	—	—	—
Thorndike	552	3	5	—	8	14.49	5	1	1	1	—
Troy	770	3	5	—	8	10.38	7	—	—	—	1
Unity	918	6	8	—	14	15.25	13	—	—	1	—
Waldo	386	3	4	—	7	18.13	7	—	—	—	—
Winterport	1,582	9	9	—	18	11.38	16	—	—	2	—
Total	23,768	186	164	—	350	14.73	315	4	13	15	3

No. 3—Continued.
for the Year 1919.
COUNTY.

MARRIAGES.							DEATHS.						
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	SEX.				NATIVITY.			Death-rate per 1,000.
						Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	
47	—	2	2	—	51	34	42	—	76	73	3	—	16.45
3	—	—	—	—	3	3	6	—	9	9	—	—	26.87
8	—	—	—	—	8	5	2	—	7	7	—	—	9.46
6	—	—	1	—	7	6	7	—	13	12	1	—	17.73
3	—	—	—	—	3	10	5	—	15	12	3	—	12.96
3	—	1	—	—	4	5	1	—	6	5	—	1	12.47
3	—	2	—	—	5	4	3	—	7	6	1	—	7.98
3	—	—	—	—	3	—	1	—	1	1	—	—	2.40
4	—	—	—	—	4	5	2	—	7	7	—	—	13.69
1	—	—	—	—	1	1	5	—	6	6	—	—	9.22
7	—	—	—	—	7	5	11	—	16	16	—	—	15.68
5	—	—	—	—	5	2	10	—	12	12	—	—	13.75
5	—	—	—	—	5	5	8	—	13	13	—	—	15.29
1	—	—	—	—	1	1	3	—	4	4	—	—	11.33
2	—	—	—	—	2	5	6	—	11	11	—	—	21.23
6	—	—	—	—	6	3	6	—	9	9	—	—	13.04
—	—	—	—	—	—	6	7	—	13	12	1	—	21.78
8	—	—	1	—	9	5	9	—	14	14	—	—	16.96
5	—	—	—	—	5	8	10	—	18	18	—	—	11.73
8	—	1	1	—	10	8	2	—	10	8	2	—	7.63
2	—	—	—	—	2	10	5	—	15	15	—	—	32.11
2	—	—	—	—	2	3	1	—	4	3	1	—	7.24
6	—	—	—	—	6	2	6	—	8	8	—	—	10.38
7	—	1	—	—	8	13	6	—	19	19	—	—	20.69
4	—	—	—	—	4	2	2	—	4	4	—	—	10.36
6	1	1	—	—	8	10	13	—	23	22	1	—	14.54
155	1	8	5	—	169	161	179	—	340	326	13	1	14.31

TABLE
Births, Marriages and Deaths

WASHINGTON

TOWNS.	Estimated popula- tion in 1919.	BIRTHS.									
		SEX.					PARENTAGE.				
		Male.	Female.	Not Stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Addison	985	5	3	—	8	8.12	7	—	1	—	—
Alexander	410	5	1	—	6	14.63	5	—	—	1	—
Baileyville	1,965	28	24	—	52	26.46	32	9	2	9	—
Baring	228	1	4	—	5	21.93	1	1	1	1	1
Beddington	58	1	—	—	1	17.24	1	—	—	—	—
Brookton	237	4	1	—	5	21.10	5	—	—	—	—
Calais	6,116	42	50	—	92	15.04	35	11	17	23	6
Centerville	91	2	1	—	3	32.97	2	—	—	—	1
Charlotte	290	—	3	—	3	10.34	3	—	—	—	—
Cherryfield	1,499	5	15	—	20	13.34	20	—	—	—	—
Columbia	609	8	4	—	12	19.70	12	—	—	—	—
Columbia Falls ..	744	10	7	—	17	22.85	16	—	1	—	—
Cooper	190	4	2	—	6	31.56	5	—	1	—	—
Crawford	116	1	1	—	2	17.24	1	—	—	1	—
Cutler	604	1	4	—	5	8.28	4	—	—	—	1
Danforth	1,475	15	14	—	29	19.66	19	3	3	2	2
Deblois	69	—	1	—	1	14.49	1	—	—	—	—
Dennysville	459	5	3	—	8	17.42	6	—	—	1	1
E. Machias	1,392	8	8	—	16	11.49	15	—	1	—	—
Eastport	4,961	54	35	—	89	17.93	48	9	14	18	—
Edmunds	724	2	2	—	4	5.52	3	—	1	—	—
Forest City	79	—	—	—	—	—	—	—	—	—	—
Harrington	1,020	8	7	—	15	14.70	12	—	1	2	—
Jonesboro	519	2	2	—	4	7.70	4	—	—	—	—

No. 3—Continued.
for the Year 1919.
COUNTY.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	SEX.			NATIVITY.			Death-rate per 1,000.	
						Male.	Female.	Not stated.	Total.	American.	Foreign.		Not stated.
6	—	—	—	—	6	8	8	—	16	15	1	—	16.24
3	—	—	—	—	3	1	4	—	5	4	1	—	12.20
5	—	5	2	—	12	15	13	—	28	21	7	—	14.25
1	—	—	1	—	2	1	2	—	3	1	2	—	13.16
—	—	—	—	—	—	1	—	—	1	1	—	—	17.24
4	—	—	—	—	4	1	3	—	4	2	2	—	16.88
14	2	6	9	—	31	66	57	—	123	71	50	2	20.11
1	—	—	—	—	1	—	—	—	—	—	—	—	—
3	—	—	—	—	3	2	2	—	4	3	1	—	13.79
11	—	1	1	—	13	10	6	—	16	16	—	—	10.67
3	—	—	—	—	3	4	4	—	8	7	1	—	13.14
4	—	—	—	—	4	5	1	—	6	5	1	—	8.06
1	—	—	—	—	1	1	—	—	1	—	1	—	5.26
—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	1	—	—	3	6	8	—	14	14	—	—	23.17
7	—	1	—	—	8	8	6	—	14	9	5	—	9.49
2	—	—	—	—	2	1	1	—	2	2	—	—	28.98
1	—	1	1	—	3	4	4	—	8	8	—	—	17.42
9	—	—	—	—	9	3	4	—	7	6	1	—	5.03
23	1	8	10	—	42	29	25	—	54	32	21	1	10.88
4	—	—	—	—	4	—	4	—	4	4	—	—	5.52
—	—	—	—	—	—	2	—	—	2	1	1	—	25.30
11	—	—	—	—	11	8	8	—	16	16	—	—	15.68
4	—	—	—	—	4	2	3	—	5	5	—	—	9.63

TABLE
Births, Marriages and Deaths

WASHINGTON

TOWNS.	Estimated population in 1919.	BIRTHS.									
		SEX.					PARENTAGE.				
		Male.	Female.	Not Stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Jonesport	2,074	30	32	—	62	29.89	54	1	7	—	—
Lubec	3,687	42	38	—	80	21.70	45	7	15	12	1
Machias	2,098	20	21	—	41	19.54	40	—	—	—	1
Machiasport	1,218	3	5	—	8	6.57	8	—	—	—	—
Marion	132	1	3	—	4	30.30	4	—	—	—	—
Marshfield	178	1	2	—	3	16.85	3	—	—	—	—
Meddybemps	124	1	1	—	2	16.12	2	—	—	—	—
Milbridge	1,550	11	8	—	19	12.26	19	—	—	—	—
Northfield	81	—	—	—	—	—	—	—	—	—	—
Pembroke	1,378	7	16	—	23	16.69	18	—	1	2	2
Perry	1,153	5	6	—	11	9.54	10	—	1	—	—
Princeton	1,091	12	13	—	25	22.91	22	—	3	—	—
Robbinston	691	9	7	—	16	23.15	13	—	—	2	1
Roque Bluffs	105	2	3	—	5	47.62	4	—	—	1	—
Steuben	890	5	8	—	13	14.60	11	—	1	1	—
Talmadge	109	1	2	—	3	27.52	2	—	1	—	—
Topsfield	259	3	3	—	6	23.17	4	—	2	—	—
Trescott	461	10	6	—	16	34.70	12	1	1	2	—
Vanceboro	686	4	11	—	15	21.86	9	2	3	1	—
Waite	189	2	2	—	4	21.16	2	—	1	1	—
Wesley	172	1	3	—	4	23.25	4	—	—	—	—
Whiting	368	4	2	—	6	16.30	5	—	—	—	1
Whitneyville	258	1	3	—	4	15.50	3	1	—	—	—
Codyville Pl.	70	2	—	—	2	28.56	1	—	1	—	—

No. 3—Continued.

for the Year 1919.

COUNTY—Continued.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	SEX.			NATIVITY.			Death-rate per 1,000.	
						Male.	Female.	Not stated.	Total.	American.	Foreign.		Not stated.
26	—	—	—	—	26	15	17	—	32	27	5	—	15.43
19	—	3	8	—	30	21	19	—	40	33	7	—	10.80
21	—	—	—	—	21	15	15	—	30	30	—	—	14.30
10	—	—	—	—	10	4	8	—	12	11	1	—	9.85
—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	1	—	1	—	1	1	—	—	5.62
—	—	—	—	—	—	—	1	—	1	1	—	—	8.06
9	—	—	—	—	9	7	9	—	16	14	1	1	10.32
—	—	—	—	—	—	1	—	—	1	1	—	—	12.34
4	—	—	—	—	4	5	7	—	12	12	—	—	8.71
4	—	—	—	—	4	4	3	—	7	4	3	—	6.07
5	—	—	3	—	8	10	10	—	20	17	3	—	18.33
8	1	1	—	—	10	6	4	—	10	10	—	—	14.47
2	—	—	—	—	2	3	—	—	3	3	—	—	28.57
3	—	1	—	—	4	9	6	—	15	15	—	—	16.85
—	—	—	—	—	—	1	1	—	2	1	1	—	18.35
—	—	—	—	—	—	5	1	—	6	5	1	—	23.17
1	—	—	—	—	1	3	3	—	6	6	—	—	13.01
2	—	—	4	—	6	4	5	—	9	3	5	1	13.11
—	—	—	—	—	—	1	—	—	1	1	—	—	5.29
4	—	—	—	—	4	—	—	—	—	—	—	—	—
2	—	—	—	—	2	2	—	—	2	2	—	—	5.43
2	—	—	—	—	2	4	2	—	6	6	—	—	23.25
1	—	—	—	—	1	1	1	—	2	2	—	—	28.56

TABLE
Births, Marriages and Deaths
WASHINGTON

TOWNS.	Estimated population in 1919.	BIRTHS.									
		SEX.				PARENTAGE.					
		Male.	Female.	Not Stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Grand Lake Stream Pl.	353	1	—	—	1	2.83	—	—	—	1	—
No. 14, Pl.	90	1	1	—	2	22.22	1	—	—	1	—
No. 21, Pl.	81	1	—	—	1	12.34	1	—	—	—	—
Total	*44,386	391	388	—	779	17.55	554	45	80	82	18

* Population of County omitting that of unorganized townships, and other places not represented in this tabulation. See Table No. 1.

No. 3—Continued.

for the Year 1919.

COUNTY—Concluded.

MARRIAGES.						DEATHS.							
						SEX.				NATIVITY.			Death-rate per 1,000.
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	
2	—	—	—	—	2	2	—	—	2	1	1	—	5.66
1	—	—	—	—	1	1	—	—	1	1	—	—	11.11
2	—	—	—	—	2	2	—	—	2	2	—	—	24.68
248	4	28	39	—	319	304	276	—	580	452	123	5	13.07

TABLE
Births, Marriages and Deaths

YORK

TOWNS.	Estimated population in 1919.	BIRTHS.									
		SEX.				PARENTAGE.					
		Male.	Female.	Not Stated.	Total.	Rate per 1,000.	Both American.	Both foreign	American mother and foreign father.	American father and foreign mother.	Not stated.
Acton	603	6	2	—	8	13.26	6	—	2	—	—
Alfred	890	9	1	—	10	11.23	10	—	—	—	—
Berwick	2,098	21	15	—	36	17.16	22	7	5	1	1
Biddeford	17,916	259	230	—	489	27.29	155	199	61	71	3
Buxton	1,675	11	15	—	26	15.52	23	—	1	1	1
Cornish	954	7	4	—	11	11.53	10	—	—	—	1
Dayton	385	8	2	—	10	25.31	9	1	—	—	—
Eliot	1,593	19	14	—	33	20.71	29	—	1	3	—
Hollis	1,293	7	5	—	12	9.28	11	1	—	—	—
Kennebunk	3,099	14	18	—	32	10.32	23	3	2	4	—
Kennebunkport ...	2,139	9	5	—	14	6.55	7	1	5	1	—
Kittery	4,127	28	30	—	58	14.05	46	1	2	9	—
Lebanon	1,316	13	4	—	17	12.92	13	—	1	3	—
Limerick	1,046	2	2	—	4	3.82	1	1	1	1	—
Limington	980	7	9	—	16	16.32	13	1	1	1	—
Lyman	615	3	2	—	5	8.13	4	—	—	1	—
Newfield	620	2	—	—	2	3.23	2	—	—	—	—
North Berwick ..	1,804	7	7	—	14	7.76	13	—	—	1	—
No.Kennebunkport	525	—	1	—	1	1.90	1	—	—	—	—
Old Orchard	961	7	6	—	13	13.52	8	3	1	1	—
Parsonsfield	1,057	3	7	—	10	9.46	9	—	—	1	—
Saco	6,997	37	39	—	76	10.86	38	24	5	8	1
Sanford	11,722	112	97	—	209	17.83	82	68	27	32	—
Shapleigh	691	4	4	—	8	11.58	5	1	1	1	—

No. 3—Continued.
for the Year 1919.
COUNTY.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	SEX.			NATIVITY.			Death-rate per 1,000.	
						Male.	Female.	Not stated.	Total.	American.	Foreign.		Not stated.
4	—	1	—	—	5	5	6	—	11	11	—	—	18.24
4	—	—	1	—	5	6	5	—	11	11	—	—	12.35
22	—	1	1	—	24	12	7	—	19	17	1	1	9.06
78	48	25	22	—	173	115	106	—	221	132	87	2	12.33
9	—	—	2	—	11	10	18	—	28	28	—	—	16.72
7	—	—	—	—	7	8	7	—	15	14	1	—	15.72
2	—	—	—	—	2	1	3	—	4	3	1	—	10.12
12	—	—	—	—	12	9	12	—	21	20	1	—	13.18
10	—	—	—	—	10	9	11	—	20	19	1	—	15.47
31	—	1	2	—	34	17	26	—	43	40	3	—	13.87
6	1	—	1	—	8	11	10	—	21	21	—	—	9.82
10	—	1	—	—	11	37	28	—	65	60	4	1	15.75
19	—	4	4	—	27	10	8	—	18	17	1	—	13.68
5	1	—	1	—	7	4	3	—	7	7	—	—	6.69
9	—	1	1	—	11	5	3	—	8	8	—	—	8.16
2	—	—	—	—	2	2	4	—	6	6	—	—	9.76
1	—	—	—	—	1	2	2	—	4	4	—	—	6.45
13	—	3	—	—	16	11	16	—	27	25	2	—	14.97
1	—	1	—	—	2	5	3	—	8	6	2	—	15.23
7	—	—	2	—	9	12	7	—	19	15	3	1	19.76
5	—	—	—	—	5	13	7	—	20	18	1	1	18.92
37	1	1	7	—	46	32	35	—	67	62	5	—	9.57
68	22	14	20	—	124	51	48	—	99	74	24	1	8.45
6	—	—	—	—	6	5	2	—	7	7	—	—	10.13

TABLE
Births, Marriages and Deaths
YORK

TOWNS.	Estimated population in 1919.	BIRTHS.									
		SEX.				PARENTAGE.					
		Male.	Female.	Not Stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
South Berwick ...	2,935	27	24	—	51	17.38	27	10	6	6	2
Waterboro	997	7	9	—	16	16.05	16	—	—	—	—
Wells	1,908	17	13	—	30	15.72	25	—	2	1	2
York	2,913	26	37	—	63	25.05	48	—	4	7	4
Total	73,869	672	602	—	1,274	17.25	656	321	128	154	15

No. 3—Concluded.
for the Year 1919.
COUNTY—Concluded.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	SEX.				NATIVITY.			Death-rate per 1,000.
						Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	
22	—	3	—	—	25	16	21	—	37	32	5	—	12.61
7	—	1	—	—	8	9	8	—	17	15	2	—	17.05
18	—	—	1	—	19	19	17	—	36	36	—	—	18.87
18	—	3	1	1	23	17	23	—	40	37	2	1	13.73
433	73	60	66	1	633	453	446	—	899	745	146	8	12.17

TABLE
Recapitulation

COUNTIES.	Estimated population in 1919.	BIRTHS.									
		SEX.				PARENTAGE.					
		Male.	Female.	Not Stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Androscoggin	65,367	603	628	—	1,231	18.83	561	369	135	156	10
Aroostook	86,017	1,312	1,240	—	2,552	29.67	1,579	232	361	347	33
Cumberland	123,218	1,328	1,142	—	2,470	20.05	1,478	494	242	226	30
Franklin	20,021	211	195	—	406	20.28	298	50	29	23	6
Hancock	35,993	263	227	—	490	13.61	433	10	26	18	3
Kennebec	67,359	561	536	—	1,097	16.29	696	219	95	83	4
Knox	29,272	197	212	—	409	13.97	341	25	24	14	5
Lincoln	19,155	123	139	—	262	13.67	233	10	11	7	1
Oxford	40,933	369	338	—	707	17.27	393	200	64	48	2
Penobscot	91,058	838	813	—	1,651	18.13	1,106	222	165	136	22
Piscataquis	21,843	164	157	—	321	14.69	244	26	31	17	3
Sagadahoc	26,211	250	222	—	472	18.01	345	51	36	38	2
Somerset	38,321	354	380	—	734	19.15	492	111	67	58	6
Waldo	23,768	186	164	—	350	14.73	315	4	13	15	3
Washington	44,386	391	388	—	779	17.55	554	45	80	82	18
York	73,869	672	602	—	1,274	17.25	656	321	128	154	15
Total	806,791	7,822	7,383	—	15,205	18.84	9,724	2,389	1,507	1,422	163

No. 4.

by Counties.

MARRIAGES.							DEATHS.						
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	SEX.			NATIVITY.			Death-rate per 1,000.	
						Male.	Female.	Not stated.	Total.	American.	Foreign.		Not stated.
381	122	83	94	1	681	425	459	—	884	696	182	6	13.52
499	44	69	107	2	721	527	461	—	988	754	224	10	11.49
920	92	110	122	1	1,245	838	920	—	1,758	1,442	306	10	14.27
176	3	3	14	—	196	144	115	—	259	240	16	3	12.94
244	3	10	7	—	264	258	229	—	487	464	19	4	13.53
520	40	46	55	1	662	511	481	—	992	854	121	17	14.73
254	7	7	9	—	277	216	242	—	458	423	33	2	15.64
110	1	4	3	—	118	122	129	—	251	241	10	—	13.10
255	35	23	34	—	347	258	225	—	483	421	59	3	11.80
651	42	63	88	—	844	704	625	—	1,329	1,104	204	21	14.59
136	10	16	17	—	179	158	133	—	291	223	42	26	13.32
199	5	13	25	—	247	164	174	—	338	307	30	1	12.89
302	16	24	35	—	377	312	270	—	582	504	72	6	15.19
155	1	8	5	—	169	161	179	—	340	326	13	1	14.31
248	4	28	39	—	319	304	276	—	580	452	123	5	13.07
433	73	60	66	1	633	453	446	—	899	745	146	8	12.17
5,483	498	572	720	6	7,279	5,555	5,364	—	10,919	9,196	1,600	123	13.53

TABLE No. 5.

Births and Birth-Rate by Counties for the Years 1912-1919.

COUNTIES.	1912.		1913.		1914.		1915.		1916.		1917.		1918.		1919.	
	Births.	Rate.	Births.	Rate.	Births.	Rate.	Births.	Rate.	Births.	Rate.	Births.	Rate.	Births.	Rate.	Births.	Rate.
State	15,869	21.27	15,719	20.89	15,980	20.91	16,671	21.60	15,919	20.45	16,337	20.82	16,290	20.42	15,205	18.84
Androscoggin	1,217	19.96	1,272	20.64	1,378	22.13	1,517	24.11	1,376	20.17	1,393	21.72	1,350	20.84	1,231	18.83
Aroostook	2,411	31.94	2,505	32.39	2,497	31.50	2,623	32.51	2,417	29.50	2,613	31.42	2,575	30.54	2,552	29.67
Cumberland	2,423	21.20	2,321	20.06	2,422	20.70	2,449	20.71	2,421	20.26	2,430	20.13	2,650	21.71	2,470	20.05
Franklin	380	20.13	419	22.11	381	20.00	400	20.59	391	19.98	353	17.89	403	20.27	406	20.28
Hancock	675	19.45	625	18.00	581	16.30	625	17.53	625	17.45	572	15.96	592	16.46	490	13.61
Kennebec	1,173	18.42	1,192	18.62	1,261	19.42	1,314	20.08	1,318	19.98	1,204	18.14	1,215	18.16	1,097	16.29
Knox	436	15.20	445	15.57	426	14.63	435	14.87	406	13.86	472	16.14	421	14.48	409	13.97
Lincoln	306	17.05	293	16.43	273	15.04	306	16.73	293	16.00	292	15.27	274	14.32	262	13.67
Oxford	813	21.93	815	21.79	829	21.68	867	22.34	815	20.72	935	23.49	790	19.27	707	17.27
Penobscot	1,703	19.89	1,719	19.84	1,701	20.61	1,931	21.90	1,788	20.12	1,876	20.91	1,794	19.88	1,651	18.13
Piscataquis	368	18.75	365	18.35	395	19.43	387	18.76	372	17.77	398	18.82	381	17.74	321	14.69
Sagadahoc	311	17.06	301	16.66	309	16.63	322	17.29	334	17.94	364	19.54	432	18.23	472	18.01
Somerset	806	22.24	728	19.76	724	19.63	789	21.23	708	18.99	788	20.87	761	20.01	734	19.15
Waldo	396	17.11	384	16.61	357	15.16	417	17.45	373	15.78	363	15.33	352	16.53	350	14.73
Washington	991	21.10	933	22.23	950	21.92	906	20.77	937	21.16	942	21.42	916	20.73	779	17.55
York	1,460	21.07	1,402	20.16	1,396	19.75	1,383	19.42	1,345	18.72	1,342	18.67	1,384	18.80	1,274	17.25

TABLE No. 6.

Births by Counties, Showing Proportion of Males to Females,
1919.

COUNTIES.	Males.	Females.	Sex not stated.	Total.	Excess of males.	Excess of females.	Males to each 100 females.
Androscoggin	603	628	—	1,231	—	25	95.9
Aroostook	1,312	1,240	—	2,552	72	—	157.9
Cumberland	1,328	1,142	—	2,470	186	—	116.3
Franklin	211	195	—	406	16	—	108.2
Hancock	263	227	—	490	36	—	115.8
Kennebec	561	536	—	1,097	25	—	104.6
Knox	197	212	—	409	—	15	92.9
Lincoln	123	139	—	262	—	16	88.5
Oxford	369	338	—	707	31	—	109.1
Penobscot	838	813	—	1,651	25	—	103.1
Piscataquis	164	157	—	321	7	—	104.4
Sagadahoc	250	222	—	472	28	—	112.6
Somerset	354	380	—	734	—	26	93.1
Waldo	186	164	—	350	22	—	113.4
Washington	391	388	—	779	3	—	100.7
York	672	602	—	1,274	70	—	116.6
Total	7,822	7,383	—	15,205	521	82	105.9

TABLE No. 7.

Births by Sex and Months, by Counties, 1919.

COUNTIES.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	Grand Total.
Androscoggin, males	51	66	50	55	51	32	56	45	38	47	58	53	603	1,231
females	55	43	61	61	55	47	46	46	49	48	54	63	628	
not stated	—	—	—	—	—	—	—	—	—	—	—	—	—	
Aroostook, males	104	98	118	117	122	108	100	79	113	112	126	115	1,312	2,552
females	96	91	124	107	114	94	106	89	93	101	115	110	1,240	
not stated	—	—	—	—	—	—	—	—	—	—	—	—	—	
Cumberland, males	98	89	140	134	103	89	104	119	117	125	100	110	1,328	2,470
females	94	77	99	102	104	92	91	92	88	92	102	108	1,142	
not stated	—	—	—	—	—	—	—	—	—	—	—	—	—	
Franklin, males	22	16	21	15	13	9	22	19	15	15	23	21	211	406
females	11	12	21	20	22	11	15	13	19	15	26	10	195	
not stated	—	—	—	—	—	—	—	—	—	—	—	—	—	
Hancock, males	10	22	36	24	20	15	15	17	30	16	28	30	263	490
females	20	14	19	18	18	16	27	21	19	15	18	22	227	
not stated	—	—	—	—	—	—	—	—	—	—	—	—	—	
Kennebec, males	45	47	56	49	39	42	45	41	45	53	52	47	561	1,097
females	36	41	42	43	49	49	45	45	39	52	42	55	536	
not stated	—	—	—	—	—	—	—	—	—	—	—	—	—	
Knox, males	15	16	21	19	28	17	13	9	14	8	16	21	197	409
females	13	16	21	19	19	9	11	14	15	27	23	25	212	
not stated	—	—	—	—	—	—	—	—	—	—	—	—	—	
Lincoln, males	8	13	6	13	12	17	7	7	7	11	12	10	123	262
females	12	17	7	17	15	11	9	11	10	15	8	7	139	
not stated	—	—	—	—	—	—	—	—	—	—	—	—	—	
Oxford, males	31	20	31	39	41	23	22	22	38	42	29	31	369	707
females	27	26	29	29	31	20	24	35	28	28	32	29	338	
not stated	—	—	—	—	—	—	—	—	—	—	—	—	—	
Penobscot, males	73	75	85	73	59	50	75	57	67	55	86	83	838	1,651
females	65	74	71	72	67	64	42	41	71	83	79	83	813	
not stated	—	—	—	—	—	—	—	—	—	—	—	—	—	
Piscataquis, males	19	17	13	14	7	17	14	6	14	12	16	15	164	321
females	16	16	19	14	8	9	11	4	8	19	16	17	157	
not stated	—	—	—	—	—	—	—	—	—	—	—	—	—	
Sagadahoc, males	24	18	22	22	14	17	24	19	22	22	24	21	250	472
females	14	15	14	18	22	13	19	20	19	19	21	28	222	
not stated	—	—	—	—	—	—	—	—	—	—	—	—	—	
Somerset, males	25	29	37	25	20	25	32	34	31	34	21	41	354	734
females	30	35	23	38	24	35	44	32	34	32	22	31	380	
not stated	—	—	—	—	—	—	—	—	—	—	—	—	—	
Waldo, males	17	20	24	17	19	14	5	15	14	14	14	13	186	350
females	8	13	19	13	21	14	14	10	14	12	9	17	164	
not stated	—	—	—	—	—	—	—	—	—	—	—	—	—	
Washington, males	26	34	38	35	38	29	36	20	26	34	36	39	391	779
females	27	33	32	31	29	48	40	27	30	30	24	37	388	
not stated	—	—	—	—	—	—	—	—	—	—	—	—	—	
York, males	57	56	63	58	64	49	37	46	56	66	69	51	672	1,274
females	53	53	54	57	51	47	38	31	55	52	48	63	602	
not stated	—	—	—	—	—	—	—	—	—	—	—	—	—	
Total, males	625	636	761	710	650	554	607	555	647	666	710	701	7,822	15,205
females	577	576	655	659	649	579	581	531	591	641	639	705	7,383	
not stated	—	—	—	—	—	—	—	—	—	—	—	—	—	
Grand Total	1202	1212	1416	1369	1299	1133	1188	1086	1238	1307	1349	1406	15,205	

TABLE No. 8.

Births in Cities for 1919, with Rate per 1,000 of Population.

CITIES.	Estimated population in 1919.	Males born.	Females born.	Total.	Birth-rate per 1,000.	Males to each 100 females.
Auburn	16,963	98	86	184	10.84	113.9
Augusta	14,588	132	130	262	17.96	101.5
Bangor	27,458	227	208	435	15.84	109.1
Bath	17,000	163	157	320	18.82	103.8
Belfast	4,621	46	32	78	16.88	143.7
Biddeford	17,916	258	230	488	27.29	112.1
Brewer	6,414	69	62	131	20.42	111.2
Calais	6,116	42	50	92	15.04	84.0
Eastport	4,961	54	35	89	17.93	154.2
Elsworth	3,549	28	9	37	10.42	311.0
Gardiner	5,311	46	33	79	14.87	139.3
Hallowell	2,999	24	17	41	13.67	141.1
Lewiston	28,488	366	377	743	26.08	97.1
Old Town	6,812	73	78	151	22.15	93.6
Portland	66,158	796	683	1,479	22.36	116.5
Rockland	8,192	61	87	148	18.06	70.1
Saco	6,997	37	38	75	10.72	97.3
South Portland	8,533	100	80	180	21.08	125.0
Waterville	13,240	145	142	287	21.68	102.1
Westbrook	9,181	118	92	210	22.87	128.1
Total	275,497	2,883	2,626	5,509	20.00	109.8

TABLE No. 9.

Percentage of American and Foreign Births by Counties, 1919.

COUNTIES.	PARENTS.			Births with par- centage not stated.
	American-born.	Foreign-born.	One foreign-born.	
Androscoggin	45.57	29.97	23.64	.82
Aroostook	61.88	9.09	27.74	1.29
Cumberland	59.84	20.00	18.95	1.21
Franklin	73.40	12.31	12.81	1.48
Hancock	88.37	2.04	8.98	.61
Kennebec	63.45	19.96	16.23	.36
Knox	83.38	6.11	9.29	1.22
Lincoln	88.93	3.82	6.87	.38
Oxford	55.58	28.29	15.85	.28
Penobscot	66.99	13.44	18.24	1.33
Fiscataquis	76.00	8.10	14.96	.94
Sagadahoc	73.10	10.80	15.68	.42
Somerset	67.01	15.13	17.04	.82
Waldo	90.00	1.14	8.00	.86
Washington	71.12	5.77	20.80	2.31
York	51.49	25.20	22.13	1.18
State	63.96	15.71	19.26	1.07

TABLE No. 10.

Percentage of American and Foreign Births by Cities, 1919.

CITIES.	PARENTS.			Births with percentage not stated.
	American-born.	Foreign-born.	One foreign-born.	
Auburn	52.18	26.09	21.20	.53
Augusta	57.64	21.75	20.61	—
Bangor	61.15	16.78	18.85	3.22
Bath	72.50	10.00	16.88	.62
Belfast	91.03	1.28	7.69	—
Biddeford	31.70	40.70	26.99	.61
Brewer	61.07	15.27	23.66	—
Calais	38.05	11.95	43.48	6.52
Eastport	53.95	10.10	35.95	—
Ellsworth	78.39	5.40	13.51	2.70
Gardiner	77.22	6.33	15.19	1.26
Hallowell	85.36	7.32	7.32	—
Lewiston	34.05	36.88	28.53	.54
Old Town	58.95	17.22	22.51	1.32
Portland	54.50	26.64	17.44	1.42
Rockland	77.03	9.46	12.16	1.32
Saco	50.00	31.58	17.11	1.31
So. Portland	67.22	10.00	21.11	1.67
Waterville	50.18	29.96	19.16	.70
Westbrook	55.71	12.86	30.48	.95
Average	53.37	24.01	21.45	1.17

TABLE No. 11.
Twin Births by Months and Counties, 1919.

COUNTIES.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Androscoggin .	—	4	—	2	—	2	—	3	1	—	2	1	15
Aroostook	4	2	—	3	2	3	—	4	3	5	3	2	31
Cumberland ...	1	1	2	2	2	1	3	3	4	3	4	4	30
Franklin	1	—	—	—	1	—	1	2	—	—	—	—	5
Hancock	1	—	—	1	—	—	—	—	1	—	1	1	5
Kennebec	1	1	1	1	1	—	—	1	1	—	1	1	9
Knox	—	—	—	—	2	—	—	—	—	1	—	—	3
Lincoln	—	1	—	1	—	2	1	—	1	—	—	—	6
Oxford	—	1	—	—	—	1	1	1	—	—	—	—	4
Penobscot	—	2	2	2	—	1	—	1	1	3	1	2	15
Piscataquis	—	—	—	—	—	—	—	—	—	—	2	1	3
Sagadahoc	1	—	—	1	—	—	1	—	1	1	—	1	6
Somerset	2	—	—	—	1	2	2	—	1	—	—	1	9
Waldo	1	—	—	1	2	1	1	—	1	—	—	1	8
Washington ...	—	—	2	1	—	2	3	—	2	—	4	—	14
York	—	3	2	3	4	—	—	2	3	—	1	—	18
Total	12	15	9	18	15	15	13	17	20	13	19	15	181

TABLE No. 12.

Twin Births by Sex and Parentage, by Counties, 1919.

COUNTIES.	SEX.		PARENTAGE.						Total.	Living children.	Stillborn children.	Total.
	Both male.	Both female.	One male and one female.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.				
Androscoggin	6	3	6	6	4	1	4	—	15	29	1	30
Aroostook	9	10	12	15	2	6	8	—	31	58	4	62
Cumberland	11	6	13	17	6	2	5	—	30	59	1	60
Franklin	—	3	2	4	1	—	—	—	5	10	—	10
Hancock	1	2	2	5	—	—	—	—	5	10	—	10
Kennebec	2	2	5	6	2	1	—	—	9	18	—	18
Knox	2	1	—	3	—	—	—	—	3	6	—	6
Lincoln	1	2	3	6	—	—	—	—	6	12	—	12
Oxford	—	4	—	2	1	—	1	—	4	7	1	8
Penobscot	7	2	6	7	4	3	1	—	15	30	—	30
Piscataquis	1	1	1	1	2	—	—	—	3	6	—	6
Sagadahoc	1	1	4	2	3	—	1	—	6	11	1	12
Somerset	1	6	2	7	—	1	1	—	9	18	—	18
Waldo	3	2	3	8	—	—	—	—	8	15	1	16
Washington	5	2	7	9	—	1	4	—	14	28	—	28
York	4	5	9	12	3	—	2	1	18	33	3	36
Total	54	52	75	110	28	15	27	1	181	350	12	362

TABLE No. 13.

Stillbirths by Sex and Parentage, by Counties, 1919.

COUNTIES.	Male.	Female.	Sex not stated.	Total.	Mother American.	Mother Foreign.	Not stated.
Androscoggin	24	20	1	45	20	25	—
Aroostook	57	56	4	117	82	34	1
Cumberland	58	38	—	96	60	36	—
Franklin	9	7	—	16	12	4	—
Hancock	9	5	1	15	15	—	—
Kennebec	27	24	3	54	33	20	1
Knox	11	6	—	17	15	2	—
Lincoln	4	2	1	7	6	1	—
Oxford	22	17	—	39	26	13	—
Penobscot	44	45	—	89	76	13	—
Piscataquis	9	9	—	18	15	3	—
Sagadahoc	11	5	—	16	10	6	—
Somerset	13	3	—	16	12	4	—
Waldo	9	3	—	12	12	—	—
Washington	31	12	—	43	34	9	—
York	36	20	—	56	34	22	—
Total	374	272	10	656	462	192	2

TABLE No. 14.

Stillbirths by Sex and Parentage, by Cities, 1919.

CITIES.	Male.	Female.	Sex not stated.	Total.	Mother American.	Mother foreign.	Not stated.
Auburn	2	3	—	5	3	2	—
Augusta	6	3	—	9	7	2	—
Bangor	16	6	—	22	20	2	—
Bath	8	4	—	12	7	5	—
Belfast	4	1	—	5	5	—	—
Biddeford	12	7	—	19	8	11	—
Brewer	2	1	—	3	3	—	—
Calais	1	1	—	2	2	—	—
Eastport	9	5	—	14	11	3	—
Ellsworth	—	—	—	—	—	—	—
Gardiner	1	—	—	1	1	—	—
Hallowell	—	—	—	—	—	—	—
Lewiston	18	13	1	32	14	18	—
Old Town	2	5	—	7	4	3	—
Portland	41	20	—	61	37	24	—
Rockland	8	2	—	10	8	2	—
Saco	2	2	—	4	2	2	—
So. Portland	2	1	—	3	3	—	—
Waterville	10	15	3	28	12	15	1
Westbrook	6	6	—	12	7	5	—
Total	150	95	4	249	154	94	1

TABLE No. 15.
Stillbirths by Seasons, 1919.

MONTHS.		
January	69	
February	54	
March	55	Total for first quarter
April	64	178
May	53	
June	44	Total for second quarter
July	39	161
August	62	
September	52	Total for third quarter
October	65	153
November	43	
December	56	Total for fourth quarter
	—	164
Total	656	656

TABLE No. 16.
Births in each Month, 1892-1919.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Not stated.	Total.
1892	1,016	1,113	1,345	1,275	1,323	1,176	1,222	1,191	1,144	1,047	1,002	1,111	63	14,028
1893	1,151	1,082	1,162	1,259	1,273	1,162	1,176	1,211	1,111	1,126	1,032	1,109	48	13,908
1894	962	980	1,335	1,324	1,255	1,200	1,286	1,213	1,168	1,064	980	1,164	9	13,940
1895	1,182	1,082	1,329	1,287	1,308	1,236	1,290	1,312	1,233	1,189	1,115	1,193	6	14,762
1896	1,149	1,227	1,330	1,318	1,379	1,190	1,207	1,246	1,257	1,220	1,091	1,069	10	14,693
1897	1,126	1,123	1,390	1,260	1,288	1,250	1,274	1,303	1,205	1,138	984	1,077	12	14,430
1898	1,148	1,176	1,323	1,289	1,322	1,229	1,226	1,219	1,182	1,196	1,028	1,149	6	14,473
1899	1,093	1,104	1,237	1,295	1,224	1,201	1,239	1,197	1,163	1,058	979	1,098	7	13,895
1900	1,167	1,083	1,260	1,245	1,276	1,146	1,284	1,255	1,212	1,070	1,055	1,035	6	14,905
1901	1,123	1,128	1,303	1,270	1,290	1,190	1,178	1,199	1,252	1,051	983	1,048	6	14,021
1902	1,143	1,111	1,401	1,250	1,333	1,244	1,237	1,252	1,207	1,137	1,064	1,119	10	14,508
1903	1,210	1,151	1,353	1,304	1,326	1,247	1,215	1,223	1,205	1,134	1,026	990	9	14,453
1904	1,219	1,207	1,367	1,325	1,336	1,186	1,297	1,216	1,203	1,217	1,037	1,057	6	14,673
1905	1,178	1,180	1,463	1,340	1,365	1,375	1,439	1,328	1,259	1,168	1,057	1,143	4	15,294
1906	1,173	1,206	1,333	1,385	1,335	1,310	1,454	1,450	1,364	1,280	1,260	1,325	3	15,878
1907	1,301	1,288	1,431	1,397	1,455	1,424	1,360	1,293	1,336	1,264	1,129	1,231	5	15,914
1908	1,296	1,312	1,551	1,345	1,464	1,430	1,361	1,438	1,246	1,216	1,212	1,299	3	16,173
1909	1,306	1,276	1,475	1,392	1,453	1,308	1,349	1,434	1,347	1,249	1,218	1,229	5	16,041
1910	1,308	1,252	1,506	1,424	1,393	1,379	1,330	1,348	1,261	1,256	1,131	1,207	1	15,798
1911	1,261	1,224	1,463	1,426	1,371	1,355	1,380	1,331	1,294	1,172	1,153	1,202	3	15,635
1912	1,253	1,267	1,415	1,357	1,451	1,337	1,442	1,419	1,318	1,229	1,182	1,179	—	15,869
1913	1,299	1,185	1,467	1,425	1,400	1,378	1,397	1,316	1,245	1,264	1,131	1,210	1	15,719
1914	1,234	1,305	1,442	1,430	1,419	1,333	1,361	1,298	1,345	1,323	1,230	1,260	—	15,980
1915	1,356	1,262	1,562	1,499	1,536	1,389	1,437	1,431	1,378	1,366	1,257	1,196	2	16,671
1916	1,232	1,333	1,476	1,429	1,495	1,333	1,330	1,355	1,274	1,234	1,164	1,211	2	15,919
1917	1,398	1,288	1,562	1,403	1,473	1,362	1,432	1,412	1,387	1,263	1,165	1,192	—	16,337
1918	1,313	1,271	1,574	1,554	1,485	1,344	1,405	1,437	1,302	1,339	1,137	1,129	—	16,290
1919	1,202	1,212	1,416	1,369	1,299	1,133	1,188	1,086	1,238	1,307	1,349	1,406	—	15,205

TABLE No. 17.
Marriages and Marriage-Rates by Counties for the Years
1912-1919.

COUNTIES.	1912.		1913.		1914.		1915.		1916.		1917.		1918.		1919.	
	Marriages.	Rate.	Marriages.	Rate.	Marriages.	Rate.	Marriages.	Rate.	Marriages.	Rate.	Marriages.	Rate.	Marriages.	Rate.	Marriages.	Rate.
State	6,550	8.71	6,622	8.74	6,707	8.71	6,672	8.65	6,576	8.45	7,095	9.03	5,950	7.47	7,279	9.02
Androscoggin	581	9.53	652	10.58	669	10.74	580	9.22	674	10.61	682	10.64	469	7.24	681	10.41
Aroostook	655	8.46	583	7.46	604	7.52	645	7.99	579	7.07	678	8.15	516	6.12	721	8.38
Cumberland	1,022	8.94	1,044	9.02	1,091	9.32	1,061	8.97	1,091	9.13	1,213	10.05	1,104	9.11	1,245	10.10
Franklin	198	10.28	169	8.23	161	8.30	174	8.96	179	9.15	177	8.93	171	8.60	196	9.78
Hancock	321	9.11	267	7.62	236	6.51	287	8.05	271	7.56	302	8.43	241	6.70	264	7.33
Kennebec	576	9.05	624	9.77	602	9.26	601	9.18	582	8.83	642	9.68	502	7.50	662	9.82
Knox	257	8.96	276	9.66	242	8.28	262	9.96	258	8.81	275	9.40	236	8.12	277	9.46
Lincoln	132	7.36	149	8.35	121	6.63	131	7.15	123	6.72	132	6.90	120	6.27	118	6.16
Oxford	350	9.44	333	8.92	396	10.33	340	8.76	340	8.64	332	8.35	283	6.90	347	8.47
Penobscot	740	8.49	768	8.73	788	8.87	835	9.47	749	8.43	855	9.53	649	7.19	844	9.26
Piscataquis	162	7.91	224	10.79	180	8.55	196	9.50	183	8.74	203	9.60	166	7.73	179	8.19
Sagadahoc	136	7.46	168	9.30	166	8.93	132	7.09	150	8.05	205	11.00	238	10.00	247	9.42
Somerset	353	9.59	309	8.32	344	9.22	342	9.20	358	9.56	318	8.42	327	8.60	377	9.83
Waldo	227	9.77	207	8.96	208	8.83	210	8.78	196	8.29	192	8.11	142	6.07	169	7.11
Washington	329	7.75	321	7.59	318	7.25	338	7.75	316	7.21	322	7.32	267	6.04	319	7.18
York	511	7.38	523	7.52	581	8.22	538	7.56	527	7.33	567	7.89	519	7.10	633	8.70

TABLE No. 18.
Marriages by Counties and Nativity, 1919.

COUNTIES.	Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.
Androscoggin	381	122	83	94	1	681
Aroostook	499	44	69	107	2	721
Cumberland	920	92	110	122	1	1,245
Franklin	176	3	3	14	—	196
Hancock	244	3	10	7	—	264
Kennebec	520	40	46	55	1	662
Knox	254	7	7	9	—	277
Lincoln	110	1	4	3	—	118
Oxford	255	35	23	34	—	347
Penobscot	651	42	63	88	—	844
Piscataquis	136	10	16	17	—	179
Sagadahoc	199	5	18	25	—	247
Somerset	302	16	24	35	—	377
Waldo	155	1	8	5	—	169
Washington	248	4	28	39	—	319
York	433	73	60	66	1	633
Total	5,483	498	572	720	6	7,279

TABLE No. 19.
Marriages by Months and Counties, 1919.

COUNTIES.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Not stated.	Total.
Androscoggin	44	33	31	33	65	87	51	53	77	69	89	49	—	681
Aroostook	53	18	34	42	39	77	69	70	53	103	100	63	—	721
Cumberland	59	81	73	81	83	149	102	88	170	134	118	107	—	1,245
Franklin	12	10	13	17	13	26	20	17	28	9	21	10	—	196
Hancock	12	18	13	15	11	29	22	21	36	22	33	32	—	264
Kennebec	33	26	22	36	61	81	52	79	55	63	71	83	—	662
Knox	18	9	10	13	18	28	20	18	33	37	44	29	—	277
Lincoln	4	8	7	10	4	11	7	6	10	19	13	19	—	118
Oxford	16	18	21	21	25	49	27	33	32	27	49	29	—	347
Penobscot	45	43	38	60	63	99	65	71	72	106	108	74	—	844
Piscataquis	10	4	10	12	10	24	12	8	17	29	22	21	—	179
Sagadahoc	10	17	17	12	16	29	22	21	26	24	27	26	—	247
Somerset	12	19	14	21	35	46	39	34	35	41	41	40	—	377
Waldo	15	6	6	9	8	21	11	21	20	17	14	21	—	169
Washington	12	13	18	23	19	37	28	23	33	42	43	28	—	319
York	29	30	21	33	27	72	54	63	68	82	92	62	—	633
Total	384	353	348	438	497	865	601	626	765	824	885	693	—	7,279

TABLE No. 20.
Marriages by Ages and Counties, 1919.

COUNTIES.	Under 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 70.	70 to 80.	80 and over.	Not stated.	Total.
Androscoggin ..males	—	44	253	165	83	46	32	15	18	10	11	4	—	—	681
females	1	136	264	120	52	38	25	19	15	2	8	—	—	1	681
Aroostookmales	—	51	268	185	89	44	25	19	13	13	13	1	—	—	721
females	4	270	250	93	30	29	18	14	6	3	4	—	—	—	721
Cumberlandmales	—	50	429	328	152	98	63	54	30	21	19	1	—	—	1,245
females	—	267	442	248	95	64	60	33	12	12	12	—	—	—	1,245
Franklinmales	—	17	67	43	21	16	6	7	3	3	—	—	—	—	196
females	2	64	63	31	8	11	8	3	3	—	2	1	—	—	196
Hancockmales	—	13	82	65	38	20	7	13	19	5	9	2	—	—	264
females	1	78	87	36	22	13	5	5	11	2	3	1	—	—	264
Kennebecmales	—	34	242	160	71	51	32	23	19	14	12	4	—	—	662
females	2	169	245	107	50	36	16	14	11	7	3	2	—	—	662
Knoxmales	—	12	95	58	24	27	13	18	9	11	6	3	1	—	277
females	2	56	81	54	18	21	19	10	6	3	7	—	—	—	277
Lincolnmales	—	8	42	28	12	5	8	7	3	—	4	1	—	—	118
females	—	39	36	16	8	5	5	4	2	2	—	1	—	—	118
Oxfordmales	—	18	119	96	42	20	16	13	10	2	10	1	—	—	347
females	—	96	123	55	35	14	8	3	—	2	5	1	—	—	347
Penobscotmales	—	43	296	222	103	62	26	35	18	16	18	5	—	—	844
females	2	213	307	158	59	37	23	13	17	7	6	2	—	—	844
Piscataquis ...males	—	15	55	41	26	13	8	6	6	2	4	2	1	—	179
females	2	59	56	19	13	10	10	3	2	2	3	—	—	—	179
Sagadahocmales	—	22	8	55	31	19	9	10	9	4	3	2	—	—	247
females	1	67	72	46	21	11	12	5	8	4	—	—	—	—	247
Somersetmales	—	29	146	89	36	27	14	12	10	8	4	1	1	—	377
females	2	126	123	53	21	19	15	6	4	3	4	1	—	—	377
Waldomales	—	17	53	37	17	19	9	5	3	3	5	1	—	—	169
females	1	40	62	27	11	8	7	7	2	1	3	—	—	—	169
Washington ...males	—	18	123	75	33	20	17	14	9	4	4	2	—	—	319
females	—	10	113	38	27	12	15	7	1	—	4	1	—	—	319
Yorkmales	—	38	26	15	61	42	28	13	12	8	13	1	1	—	633
females ..	1	161	238	110	53	25	17	8	8	5	7	—	—	—	633
Totalmales	—	429	2,616	1,800	839	529	313	264	187	125	140	33	4	—	7,279
Totalfemales ..	21	1,942	2,562	1,211	523	353	263	154	113	55	71	10	—	1	7,279
Grand total	21	2,371	5,178	3,011	1,362	882	576	418	300	180	211	43	4	1	14,558

TABLE No. 21.

Divorces Decreed by the Supreme Court of Maine for the Year 1919, Showing Cause of Divorce and Sex of Libellant.

COUNTIES.	Cruel and abusive treatment.	Desertion.	Adultery.	Intoxication.	Non-support.	Cruelty and non-support.	Cruel and abusive treatment and intoxication.	Neglect and non-support.	Intoxication and adultery.	Adultery and abusive treatment.	Impotence.	Marriage annulled.	Grand total.
Androscoggin, Total	57	33	17	4	—	2	4	—	—	—	—	1	118
Libellant wife	49	14	6	4	—	2	4	—	—	—	—	1	80
Libellant husband	8	19	11	—	—	—	—	—	—	—	—	—	38
Aroostook, Total	34	27	14	3	10	—	—	—	—	—	—	—	88
Libellant wife	32	16	5	3	10	—	—	—	—	—	—	—	66
Libellant husband	2	11	9	—	—	—	—	—	—	—	—	—	22
Cumberland, Total	49	66	47	12	—	—	—	—	—	—	—	1	177
Libellant wife	45	39	15	10	—	—	—	—	—	—	—	2	110
Libellant husband	4	27	32	2	—	—	—	—	—	—	1	1	67
Franklin, Total	26	11	5	1	5	1	—	—	—	—	—	—	49
Libellant wife	18	3	1	—	5	1	—	—	—	—	—	—	29
Libellant husband	8	8	4	—	—	—	—	—	—	—	—	—	20
Hancock, Total	19	14	7	—	2	—	—	—	—	—	—	—	42
Libellant wife	15	10	1	—	2	—	—	—	—	—	—	—	28
Libellant husband	4	4	6	—	—	—	—	—	—	—	—	—	14
Kennebec, Total	40	26	15	12	23	1	—	—	—	—	—	—	122
Libellant wife	32	16	6	12	23	1	—	—	—	—	—	—	95
Libellant husband	8	10	9	—	—	—	—	—	—	—	—	—	27
Knox, Total	29	14	4	2	5	—	—	—	—	—	—	—	50
Libellant wife	30	11	2	2	5	—	—	—	—	—	—	—	50
Libellant husband	9	3	2	—	—	—	—	—	—	—	—	—	14
Lincoln, Total	3	9	2	1	1	—	—	—	—	—	—	1	17
Libellant wife	3	3	—	—	1	—	—	—	—	—	—	—	7
Libellant husband	—	6	2	1	—	—	—	—	—	—	—	1	10
Oxford, Total	26	11	9	6	2	1	1	—	—	—	—	—	56
Libellant wife	20	7	3	6	2	1	1	—	—	—	—	—	40
Libellant husband	6	4	6	—	—	—	—	—	—	—	—	—	16
Penobscot, Total	61	57	26	9	3	—	—	—	—	—	—	3	159
Libellant wife	57	38	16	9	3	—	—	—	—	—	—	1	124
Libellant husband	4	19	10	—	—	—	—	—	—	—	—	2	35
Piscataquis, Total	18	5	6	1	2	2	1	—	—	—	—	—	35
Libellant wife	14	2	2	1	2	2	1	—	—	—	—	—	24
Libellant husband	4	3	4	—	—	—	—	—	—	—	—	—	11
Sagadahoc, Total	25	15	9	3	—	—	—	—	—	—	—	1	53
Libellant wife	20	9	5	3	—	—	—	—	—	—	—	—	38
Libellant husband	5	6	4	—	—	—	—	—	—	—	—	—	15
Somerset, Total	22	11	14	4	4	3	—	—	—	—	—	—	58
Libellant wife	18	5	5	4	4	3	—	—	—	—	—	—	39
Libellant husband	4	6	9	—	—	—	—	—	—	—	—	—	19
Waldo, Total	14	10	6	4	6	—	—	—	—	—	—	—	40
Libellant wife	11	8	4	4	6	—	—	—	—	—	—	—	33
Libellant husband	3	2	2	—	—	—	—	—	—	—	—	—	7
Washington, Total	27	21	14	—	8	—	2	2	—	1	—	1	76
Libellant wife	18	6	3	—	8	—	2	2	—	1	—	—	40
Libellant husband	9	15	11	—	—	—	—	—	—	—	—	1	36
York, Total	28	29	16	1	—	—	1	—	—	—	—	1	76
Libellant wife	23	15	2	—	—	—	—	—	—	—	—	—	43
Libellant husband	5	14	14	—	—	—	—	—	—	—	—	—	33
Libellant wife	405	202	76	60	76	10	9	2	—	1	1	4	846
Libellant husband	83	157	135	3	—	—	—	—	—	—	1	5	384
Grand Total	488	359	211	63	76	10	9	2	—	1	2	9	1230

TABLE No. 22.

Deaths and Death-Rates by Counties for the Years 1912-1919.

COUNTIES.	1912.		1913.		1914.		1915.		1916.		1917.		1918.		1919.	
	Deaths.	Rate.	Deaths.	Rate.	Deaths.	Rate.	Deaths.	Rate.	Deaths.	Rate.	Deaths.	Rate.	Deaths.	Rate.	Deaths.	Rate.
State	11,390	15.27	11,552	15.35	11,648	15.24	11,541	14.96	11,772	15.38	11,407	14.53	14,187	17.78	10,919	13.53
Androscoggin	999	16.39	1,016	16.47	1,041	16.72	930	14.75	950	14.95	868	13.54	1,080	16.67	884	13.52
Aroostook	807	10.69	978	12.59	1,034	13.05	989	11.01	1,026	12.40	859	10.33	1,407	16.69	988	11.49
Cumberland	1,820	15.93	1,908	16.49	1,822	15.57	1,799	15.12	1,977	16.54	1,778	14.72	2,367	19.39	1,758	14.27
Franklin	280	14.83	292	15.41	274	14.38	271	13.95	250	12.77	251	12.73	313	15.74	259	12.94
Hancock	535	15.41	526	15.15	507	14.25	517	14.49	505	14.09	517	14.42	586	16.29	487	13.53
Kennebec	1,167	18.33	1,097	17.17	1,097	16.89	1,103	16.83	1,172	17.77	1,191	17.95	1,264	18.89	992	14.73
Knox	475	16.57	508	17.77	489	16.79	522	17.50	465	15.89	461	15.74	600	20.63	458	15.64
Lincoln	257	14.32	226	12.67	326	17.97	264	14.43	259	14.15	278	14.28	275	14.37	251	13.10
Oxford	510	13.76	544	14.55	527	13.79	531	13.67	517	13.13	529	13.27	668	16.29	483	11.80
Penobscot	1,379	16.10	1,306	15.07	1,389	15.93	1,447	16.41	1,513	17.03	1,543	17.21	1,722	19.08	1,329	14.59
Piscataquis	255	12.99	262	13.17	242	11.91	241	11.68	257	12.22	303	14.32	350	16.26	291	13.32
Sagadahoc	303	16.07	315	17.44	321	17.27	277	14.88	292	15.68	306	16.42	411	17.33	338	12.89
Somerset	537	14.84	505	13.71	497	13.48	549	13.77	591	15.77	542	14.36	705	18.53	582	15.19
Waldo	380	16.42	374	16.18	372	15.79	404	16.90	389	16.41	339	14.32	433	20.33	340	14.31
Washington	559	13.24	556	13.25	613	14.14	592	13.59	599	13.67	564	12.82	718	16.24	580	13.07
York	1,127	16.27	1,137	16.37	1,097	15.52	1,105	15.51	1,010	14.06	1,083	15.06	1,288	17.50	899	12.17

DEATHS AND DEATH RATES BY COUNTIES.

TABLE
Deaths by Months

MONTHS.	Total.	Under 1.	1 and under 2.	2.	3.	4.	Total under 5.	5 to 9.	10 to 14.	15 to 19.	20 to 24.	25 to 29.
January	1,402	97	43	15	8	4	167	23	22	49	70	99
February	985	114	15	9	5	2	145	12	11	22	30	35
March	1,060	127	25	6	7	5	170	17	12	11	39	24
April	985	105	20	11	5	6	147	14	6	26	27	20
May	951	83	15	11	13	2	124	16	9	20	35	32
June	763	76	12	2	7	2	99	17	10	22	19	20
July	729	59	8	11	4	6	88	15	20	21	15	24
August	771	102	13	16	4	5	140	13	17	19	20	23
September	822	118	21	11	3	6	159	16	5	11	19	23
October	781	82	6	5	8	5	106	8	14	19	31	26
November	786	77	8	10	8	6	109	13	10	18	15	19
December	884	97	13	7	8	5	130	25	11	15	19	29
Unknown	—	—	—	—	—	—	—	—	—	—	—	—
Total	10,919	1,137	199	114	80	54	1,584	189	147	253	339	374

No. 23.

and Age-Groups, 1919.

	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 to 94.	95 to 99.	100 and over.	Unknown.
86	84	57	57	64	58	97	95	107	104	99	38	17	4	2	3	
33	37	30	38	41	60	63	96	90	90	73	48	26	3	—	2	
32	38	33	38	40	55	84	111	100	97	82	49	19	6	1	2	
33	33	26	35	45	56	73	72	90	123	79	57	17	5	—	1	
27	27	32	37	35	50	65	88	95	110	79	55	11	4	—	—	
22	30	22	34	32	39	58	68	74	81	66	36	9	5	—	—	
16	18	31	33	37	38	70	63	71	71	49	34	12	1	1	1	
18	19	20	34	40	47	55	61	81	53	54	28	12	4	—	3	
15	22	21	25	38	44	71	56	85	87	61	48	12	4	—	—	
12	21	24	27	40	40	57	82	73	82	66	32	20	1	—	—	
16	31	23	32	32	47	47	78	69	89	73	44	15	3	1	2	
31	23	24	34	38	51	64	68	98	85	73	46	10	4	1	5	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
341	383	353	424	482	585	804	938	1,033	1,072	854	515	180	44	6	19	

TABLE
Deaths by Ages, Sex and

COUNTIES.	SEX.	Under 1.	1 to 4.	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 to 99.	100 and over.	Unknown.
		Androscoggin ..males	65	28	11	17	17	26	36	46	67	68	38	4	—
females ..	45	14	8	11	33	32	46	56	68	77	60	8	1	—	
not stated	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Aroostookmales	136	52	17	28	24	26	37	39	57	66	36	5	1	3	
females ..	133	52	17	22	34	41	18	30	41	38	26	9	—	—	
not stated	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Cumberlandmales	100	34	20	31	56	53	78	94	138	159	66	9	—	—	
females ..	68	36	6	26	70	65	75	89	168	180	115	21	1	—	
not stated	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Franklinmales	18	4	3	6	3	9	9	16	20	31	21	3	1	—	
females ..	10	4	—	5	4	5	11	7	20	29	16	4	—	—	
not stated	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Hancockmales	21	8	4	9	16	9	10	24	53	61	37	5	—	1	
females ..	13	4	1	9	19	9	9	18	46	54	38	9	—	—	
not stated	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Kennebecmales	30	21	10	14	31	35	46	59	73	114	67	8	1	2	
females ..	28	18	5	18	43	29	28	51	67	109	74	11	—	—	
not stated	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Knoxmales	18	3	3	1	8	10	11	16	44	67	29	5	—	1	
females ..	9	4	2	6	12	10	9	29	36	64	51	10	—	—	
not stated	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Lincolnmales	8	1	3	8	6	4	6	10	31	20	21	4	—	—	
females ..	3	2	—	3	4	4	3	12	20	38	28	12	—	—	
not stated	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Oxfordmales	24	6	5	9	9	19	15	27	45	54	44	—	—	1	
females ..	22	9	1	8	9	13	18	17	41	50	33	4	—	—	
not stated	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Penobscotmales	57	30	14	26	47	57	56	88	126	124	70	7	—	2	
females ..	45	14	12	26	49	48	44	61	96	139	74	16	1	—	
not stated	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Piscataquis ...males	25	2	3	8	21	13	11	17	23	20	9	2	—	4	
females ..	9	6	1	8	9	10	8	16	12	29	22	2	—	1	
not stated	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Sagadahocmales	19	4	5	9	6	13	9	14	30	30	21	3	—	1	
females ..	16	10	—	5	11	11	8	17	22	33	32	9	—	—	
not stated	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Somersetmales	28	12	4	13	22	24	36	35	45	49	32	11	—	—	
females ..	18	9	5	15	26	29	19	21	42	43	38	5	—	—	
not stated	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Waldomales	9	5	3	5	15	4	10	11	32	38	27	2	—	—	
females ..	7	4	1	5	7	11	12	14	27	44	35	12	—	—	
not stated	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Washington ...males	40	5	5	13	15	22	23	28	46	59	42	6	—	—	
females ..	25	14	8	6	17	24	15	25	46	57	32	7	—	—	
not stated	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Yorkmales	56	14	7	18	32	36	23	40	91	80	53	2	—	1	
females ..	32	17	5	12	38	23	38	40	69	81	82	9	—	—	
not stated	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Totalmales	654	230	117	215	328	360	416	564	921	1,040	613	76	3	18	
females ..	487	217	72	185	385	364	361	503	821	1,065	756	148	3	1	
Grand total	1,137	447	189	400	713	724	777	1,067	1,742	2,105	1,369	224	6	19	

No. 24.

Month by Counties, 1919.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Not stated.	Total	Grand total.
	53	34	51	40	26	33	29	29	32	32	35	31		425	—
	50	38	55	53	27	26	28	33	41	33	44	31		459	884
	60	39	48	46	44	28	32	62	48	35	50	35		527	—
	46	45	43	50	33	26	25	39	58	31	26	39		461	988
	115	82	66	82	77	48	53	71	69	47	51	77		838	—
	117	95	76	86	80	78	71	53	73	67	55	69		920	1,758
	19	13	11	13	18	11	8	5	11	12	11	12		144	—
	11	11	8	7	9	8	7	14	13	12	8	7		115	259
	33	21	24	24	21	16	18	19	25	21	12	24		258	—
	32	22	22	21	21	15	16	18	15	12	16	19		229	487
	88	37	47	47	52	45	26	29	34	34	38	34		511	—
	57	47	45	51	33	26	31	39	40	36	41	35		481	992
	17	12	22	22	26	19	19	16	17	10	16	19		216	—
	23	19	17	18	28	26	12	18	17	19	18	27		242	458
	20	11	12	8	13	10	9	8	4	5	11	11		122	—
	29	10	5	7	20	7	14	10	5	12	4	6		129	251
	36	22	24	25	26	17	22	13	23	11	20	19		258	—
	29	20	15	25	21	16	14	12	17	16	13	27		225	483
	94	57	80	60	57	49	48	64	53	52	36	54		704	—
	84	61	57	46	68	55	38	37	39	51	45	44		625	1,329
	29	18	16	10	8	10	6	11	9	7	10	24		158	—
	17	12	14	12	14	12	9	6	6	6	6	19		133	291
	20	19	14	13	10	12	10	15	9	11	19	12		164	—
	21	7	21	14	14	18	15	9	14	15	8	18		174	338
	46	29	26	28	28	18	24	17	21	24	26	25		312	—
	45	28	21	21	29	14	15	15	15	20	27	20		270	582
	21	14	16	14	19	5	15	12	4	14	16	11		161	—
	26	17	17	13	11	12	15	10	15	12	12	19		179	340
	44	26	30	21	29	16	18	22	25	29	20	24		304	—
	37	26	45	32	18	16	14	17	11	17	23	20		276	580
	44	49	60	38	39	31	30	26	26	36	34	40		453	—
	39	43	52	38	32	40	38	22	33	42	35	32		446	899
	739	484	547	491	493	368	367	419	410	380	405	452		5,555	—
	663	501	513	494	458	395	362	352	412	401	381	432		5,364	—
	1,402	985	1,060	985	951	763	729	771	822	781	786	884		10,919	10,919

TABLE
Deaths by Ages, Sex and

CITIES.	SEX.	Under 1.	1 to 4.	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 to 99.	100 and over	Unknown.
Auburn	males	9	5	3	2	1	3	3	11	15	13	10	4		
	females	9	4		2	4	6	8	10	19	20	18	3		
	not stated														
Augusta	males	9	4	2	3	10	16	29	24	29	25	18	1		
	females	6	4	2	3	17	12	12	17	25	31	21	4		
	not stated														
Bangor	males	13	13	6	10	22	35	29	46	66	38	22	2		
	females	17	3	3	7	22	26	20	30	38	53	27	5		
	not stated														
Bath	males	11	2	3	6	5	11	7	8	16	9	5	2		
	females	11	8		3	9	4	4	10	10	20	17	4		
	not stated														
Belfast	males	1	2	1		3		1	1	11	7	6	1		
	females				1	3	1	3	5	8	6	12	3		
	not stated														
Biddeford	males	23	5	1	4	9	4	4	11	23	20	11			
	females	6	5	2		17	5	13	8	16	19	14	1		
	not stated														
Brewer	males	7	1		1	1	1	3	3	4	4	2	1		
	females	6	1		3	1	3	2	5	7	7	2			
	not stated														
Calais	males	6	1	1	5	6	4	6	4	14	10	6	3		
	females	5	5	1		6	2	4	6	8	14	4	2		
	not stated														
Eastport	males	5	1			1	2	2	2	4	7	4	1		
	females	2	2	1			2	1	1	6	6	3	1		
	not stated														
Ellsworth	males	3	1					1	2	9	7	2	1		
	females	1	1			6	2	2	3	7	10	1	1		
	not stated														
Gardiner	males	3	2			4	3	4	5	9	9	3	1		
	females				3	3	2	1	3	4	6	6	1		
	not stated														
Hallowell	males		2		1	1		1	3	2	3	2	1		
	females				1	3	1		1	1	3	3			
	not stated														
Lewiston	males	43	19	6	10	10	18	25	28	36	26	11			
	females	23	9	7	8	27	17	30	33	32	22	20	2	1	
	not stated														
Old Town	males	4	2	1	2	5	1	3	4	4	7	6			
	females	5	4	1	6	3	3	4	3	6	10	5	1		
	not stated														
Portland	males	61	23	14	21	41	34	61	65	80	76	22	4		
	females	38	20	4	13	40	36	50	57	97	94	63	10		
	not stated														
Rockland	males	10	2	1	1	3	4	7	7	16	24	5	2		
	females	4		1	4	8	2	7	12	14	15	14	4		
	not stated														
Saco	males	6	1		3		2	2	1	10	2	5			
	females	3	2		2	1	2	2		4	7	11	1		
	not stated														
South Portland	males	5	1		1	4	1	2	5	9	9	8	1		
	females	5	4		1	5	2	3	5	12	14	8	1		
	not stated														
Waterville	males	11	6	3	6	9	5	4	6	6	12	5			
	females	8	7		3	4	6	6	10	12	11	12	3		
	not stated														
Westbrook	males	10	4	1	4	4	3	4	4	7	6	2	1		
	females	9	2		4	9	4	7	3	14	7	11	1		
	not stated														
Total	males	240	97	43	80	139	147	198	240	370	314	155	26	1	
	females	158	81	22	64	188	138	179	222	340	375	272	48	1	
	not stated														
Grand total		398	178	65	144	327	285	377	462	710	689	427	74	1	1

No. 25.
Months by Cities, 1919.

January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Not stated.	Total.	Grand Total
7	2	5	10	5	9	5	4	5	5	9	13		79	—
12	8	14	14	5	7	6	5	6	9	11	6		103	182
33	15	15	13	10	12	10	9	10	11	15	17		170	—
19	15	11	20	6	7	9	13	16	10	15	13		154	324
34	29	38	26	16	21	21	27	22	22	17	29		302	—
33	24	25	12	25	22	20	13	16	19	22	20		251	553
15	12	9	4	3	6	8	8	4	5	9	2		85	—
11	5	12	7	6	7	8	5	10	11	5	13		100	185
4	2	4	3	4	2	4	3	5	5	2	1		34	—
4	4	6	2	5	2	5	2	5	4	1	2		42	76
12	14	16	9	14	8	5	5	3	5	10	14		115	—
18	15	5	8	10	9	5	4	8	6	12	6		106	221
3	1	2	4	6	2	1	3	1	1	2	1		23	—
5	4	2	4	1	6	—	5	1	2	3	4		37	65
11	1	5	6	6	2	5	6	7	5	7	5		66	—
6	6	11	9	2	3	1	2	3	2	8	4		57	123
4	2	3	2	3	5	2	—	1	3	3	1		29	—
4	4	5	2	2	2	4	1	1	1	2	3		25	54
1	4	4	2	1	4	1	2	1	2	1	3		26	—
4	3	2	6	1	2	2	4	3	1	2	4		34	60
12	3	5	6	5	3	3	—	1	1	3	1		43	—
3	3	2	4	1	3	2	1	2	3	3	2		29	72
1	—	2	—	3	3	1	—	1	—	4	1		16	—
1	1	1	3	1	—	1	1	—	1	1	2		13	29
33	23	33	19	17	11	16	16	18	22	12	13		233	—
26	24	24	28	11	15	15	16	21	20	15	16		231	464
4	2	5	—	5	2	2	2	6	4	5	2		39	—
6	4	4	4	7	3	1	3	4	5	6	4		51	90
60	53	40	54	45	32	31	46	42	25	28	46		502	—
64	51	43	46	47	42	37	34	40	42	35	41		522	1,024
1	6	11	6	13	5	8	6	6	3	7	10		82	—
8	4	6	5	9	8	6	9	6	6	7	11		85	167
2	4	—	2	3	3	2	3	2	3	3	5		32	—
3	3	3	8	4	2	4	—	1	4	3	3		35	67
8	7	2	4	6	2	2	—	2	6	2	5		46	—
5	7	8	6	7	7	3	2	2	5	1	7		60	106
11	6	8	10	5	5	2	5	5	4	6	6		73	—
8	7	10	10	7	4	4	7	7	2	11	5		82	155
10	—	4	2	7	2	—	6	4	—	1	9		50	—
15	8	4	4	8	4	9	4	2	4	5	4		71	121
266	186	212	182	177	139	130	151	141	136	146	184		2,050	—
252	196	198	202	163	155	142	131	154	157	168	170		2,088	—
518	382	410	384	340	294	272	282	295	293	314	354		4,138	4,138

TABLE

Showing the Number of Deaths in the State and in

CAUSES OF DEATH.	State.	Androsoggin.	Aroostook.
All causes (including premature births)	11,200	907	1,037
I. General diseases	2,895	246	276
II. Diseases of the nervous system and the organs of special sense	1,344	105	59
III. Diseases of the circulatory system	1,923	129	82
IV. Diseases of the respiratory system	1,441	126	127
V. Diseases of the digestive system	777	69	164
VI. Non-venereal diseases of the genitourinary system and its annexa	908	98	52
VII. The puerperal state	121	9	15
VIII. Diseases of the skin and cellular tissue	46	2	2
IX. Diseases of the bones and the organs of locomotion ..	20	4	4
X. Malformations	81	4	7
XI. Diseases of early infancy	552	45	84
XII. Old age	219	23	42
XIII. Affections produced by external causes	621	45	63
XIV. Ill defined diseases	173	11	60

No. 26.

Each County Arranged by Classes and Counties.

Cumberland.	Franklin.	Hancock.	Kennebec.	Knox.	Lincoln.	Oxford.	Penobscot.	Piscataquis.	Sagadahoc.	Somerset.	Waldo.	Washington.	York.
1,790	267	494	1,016	468	259	497	1,356	300	348	597	343	595	926
449	62	114	235	136	69	132	360	63	80	196	98	149	230
220	41	59	148	73	39	60	169	41	47	62	49	72	100
325	50	112	185	91	60	102	234	47	71	82	88	110	155
216	31	55	152	42	31	70	165	49	43	76	36	93	129
118	13	23	76	16	9	25	90	20	20	37	8	36	53
173	24	37	78	47	18	44	108	6	25	43	29	42	93
16	5	8	9	6	1	6	12	5	4	8	2	6	9
8	1	1	6	1	2	—	8	2	2	3	—	5	3
1	1	2	—	—	—	—	1	—	—	—	1	5	1
21	—	6	4	2	—	5	10	6	3	2	1	2	8
91	17	18	40	18	11	22	56	15	16	25	7	32	55
39	2	20	22	17	8	8	33	8	10	14	7	12	34
102	16	34	49	17	9	19	84	35	23	34	17	24	50
11	4	5	12	2	2	4	26	3	4	15	—	7	6

TABLE No. 26—Continued.

CAUSES OF DEATH.	State.	Androscoggin.	Aroostook.	Cumberland.	Franklin.	Hancock.	Kennebec.	Knox.	Lincoln.	Oxford.	Penobscot.	Piscataquis.	Sagadahoc.	Somerset.	Waldo.	Washington.	York.
I.—General diseases	2,895	246	276	449	62	114	235	136	69	132	300	63	80	196	98	149	230
Typhoid fever	44	4	2	9	—	1	5	1	—	—	5	5	1	3	3	—	5
Smallpox	2	—	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—
Measles	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet fever	11	2	2	—	—	—	1	—	—	1	—	—	—	—	—	—	1
Whooping cough	104	24	13	16	4	2	—	2	1	11	7	2	3	5	2	7	5
Diphtheria and croup	50	3	12	6	—	1	5	1	1	—	5	2	1	3	2	2	8
Influenza	589	42	110	68	7	24	49	17	17	30	71	14	9	41	21	33	36
Dysentery	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—
Erysipelas	17	2	1	1	—	—	2	—	—	1	4	—	—	2	2	1	1
Other epidemic diseases	6	1	1	2	—	1	—	—	—	—	1	—	—	—	—	—	—
Purulent infection and septicemia	24	4	2	4	1	3	4	1	—	—	2	1	—	—	—	2	—
Anthrax	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tetanus	2	—	1	—	—	—	—	—	—	—	1	—	—	—	—	—	—
Pellagra	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tuberculosis of the lungs	638	54	38	92	8	23	71	32	9	26	75	13	17	79	18	34	49
Acute miliary tuberculosis	10	—	—	4	—	—	—	—	—	—	1	—	1	—	1	1	2
Tuberculous meningitis	61	3	6	18	1	4	6	—	—	6	6	1	3	1	1	1	5
Abdominal tuberculosis	42	6	4	3	—	1	5	3	—	—	3	1	2	4	1	—	4
Pott's disease	4	—	—	—	—	—	—	—	1	2	—	—	—	—	—	—	1
White swellings	3	—	—	—	—	—	1	—	—	1	—	—	—	1	—	—	—
Tuberculosis of other organs	14	1	2	—	1	—	—	1	—	—	4	1	—	—	1	1	2
Disseminated tuberculosis	17	—	3	1	—	1	3	1	—	—	3	—	—	2	2	—	1
Rickets	2	—	—	—	—	—	1	—	—	—	3	—	—	—	—	—	—
Syphilis	25	2	2	8	—	—	5	1	—	—	3	—	1	1	1	1	—
Gonococcus infection	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—
Cancer and other malignant tumors of the buccal cavity	40	6	1	4	1	2	2	7	—	1	6	1	2	—	1	3	3
Cancer and other malignant tumors of the stomach and liver	311	20	16	51	14	11	22	29	8	15	41	4	8	13	14	15	30
Cancer and other malignant tumors of the peritoneum intestines and rectum	143	16	11	26	6	10	5	8	3	5	11	6	5	4	2	8	17
Cancer and other malignant tumors of the female genital organs	147	14	10	25	5	5	7	8	5	7	17	2	6	7	7	8	14
Cancer and other malignant tumors of the breast	87	9	4	22	1	3	6	3	1	3	13	—	3	6	2	8	3
Cancer and other malignant tumors of the skin	42	3	5	4	—	2	3	3	2	3	6	1	2	4	1	—	3
Cancer and other malignant tumors of other organs or of organs not specified	118	2	9	21	3	6	13	7	6	3	17	1	6	7	6	5	6
Other tumors (tumors of the female genital organs excepted)	6	2	2	—	—	—	—	—	—	—	—	—	—	—	—	—	2
Acute articular rheumatism	21	—	1	1	1	1	2	1	2	1	2	1	2	2	—	1	3
Chronic rheumatism and gout	26	1	4	4	—	1	1	3	—	1	4	1	—	1	1	1	3
Scurvy	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diabetes	158	16	5	29	2	10	10	3	8	9	23	4	4	7	6	8	14
Exophthalmic goitre	7	—	—	3	1	—	1	—	—	—	—	—	—	—	1	—	1
Addison's disease	3	1	—	1	—	—	—	—	—	—	—	—	—	—	1	—	—
Leukemia	14	—	1	3	—	—	1	—	1	1	4	—	—	—	1	—	2

TABLE No. 26—Continued.

CAUSES OF DEATH.	State.	Androscoggin.	Aroostook.	Cumberland.	Franklin.	Hancock.	Kennebec.	Knox.	Lincoln.	Oxford.	Penobscot.	Piscataquis.	Sagadahoc.	Somerset.	Waldo.	Washington.	York.
Anemia, chlorosis	57	6	2	13	—	1	2	2	2	1	13	—	—	—	—	—	—
Other general diseases	7	—	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—
Alcoholism	14	—	1	4	—	—	—	—	—	—	—	—	—	—	—	—	—
Chronic lead poisoning ...	10	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—
Other chronic poisonings ..	7	1	1	3	—	6	—	—	—	—	—	—	—	—	—	—	—
II.—Diseases of the nervous system and of the organs of special sense ..	1,344	105	59	220	41	59	148	73	39	60	169	41	47	62	49	72	100
Encephalitis	—	—	3	1	2	—	—	—	—	—	—	—	—	—	—	—	—
Meningitis	70	6	11	8	—	—	7	6	1	4	3	1	1	1	1	1	1
Locomotor ataxia	19	2	—	5	1	2	2	2	—	—	—	—	—	—	1	4	7
Other diseases of the spinal cord	53	5	2	15	2	3	3	1	2	2	3	2	3	1	1	6	2
Cerebral hemorrhage, apoplexy	977	76	33	159	31	46	99	56	28	47	125	33	38	49	38	48	71
Softening of the brain	17	1	—	3	—	—	—	—	—	—	—	—	—	—	—	—	—
Paralysis without specified cause	51	2	4	10	1	3	7	2	1	—	5	1	—	2	3	4	6
General paralysis of the insane	30	2	2	3	1	1	10	3	1	1	4	—	—	1	—	—	1
Other forms of mental alienation	15	1	—	1	—	1	6	1	1	1	3	—	—	—	—	—	—
Epilepsy	29	1	—	7	2	1	6	—	1	1	1	1	2	2	—	1	3
Convulsions (nonpuerperal)	3	—	—	1	—	—	—	—	—	—	1	—	—	1	—	—	—
Convulsions of infants	19	3	1	2	—	—	3	—	—	2	2	—	1	—	1	2	2
Chorea	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—
Neuralgia and neuritis	2	—	—	1	—	—	—	—	—	—	1	—	—	—	—	—	—
Other diseases of the nervous system	28	4	3	2	1	1	3	1	1	1	4	1	1	2	1	2	—
Diseases of the eyes and their annexa	3	—	—	—	—	—	—	—	1	—	1	—	—	—	—	—	1
Diseases of the ears	13	2	—	2	—	—	2	1	—	—	3	1	—	—	—	1	1
III.—Diseases of the circulatory system	1,923	129	82	325	50	112	185	91	60	102	234	47	71	32	38	110	155
Pericarditis	3	—	—	1	—	1	—	—	—	—	—	1	—	—	—	—	—
Acute endocarditis	33	2	2	5	2	4	1	—	—	2	4	1	1	2	1	3	3
Organic diseases of the heart	1,345	86	56	229	38	66	139	58	48	68	154	34	47	65	64	76	117
Angina pectoris	128	10	4	19	5	8	9	14	8	5	11	2	2	7	4	7	13
Diseases of the arteries, atheroma, aneurysm, etc.	332	22	16	62	5	31	33	15	2	23	42	8	17	5	17	16	18
Embolism and thrombosis ..	71	9	2	8	—	2	3	3	2	3	23	1	2	1	2	7	3
Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)	2	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Diseases of the lymphatic system, (lymphangitis, etc.)	1	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Hemorrhage, other diseases of the circulatory system ..	8	—	1	—	—	—	—	1	—	1	—	1	1	2	—	1	—
IV.—Diseases of the respiratory system	1,441	126	127	216	31	55	152	42	31	70	165	49	43	76	36	93	129
Diseases of the nasal fossae ..	1	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Diseases of the larynx	5	1	—	1	—	1	—	—	—	1	—	—	—	—	—	—	1
body	3	1	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—
Diseases of the thyroid	81	5	4	14	6	2	11	3	2	4	8	1	2	2	3	3	11
Acute bronchitis	81	5	4	14	6	2	11	3	2	4	8	1	2	2	3	3	11

TABLE No. 26—Continued.

CAUSES OF DEATH.	State.	Androscoggin.	Aroostook.	Cumberland.	Franklin.	Hancock.	Kennebec.	Knox.	Lincoln.	Oxford.	Penobscot.	Piscataquis.	Sagadahoc.	Somerset.	Waldo.	Washington.	York.
	Chronic bronchitis	41	2	3	5	—	3	6	2	1	—	4	—	—	3	3	3
Bronchopneumonia	334	37	23	45	4	10	57	13	5	15	30	15	13	12	6	17	32
Pneumonia	89	75	93	137	19	31	72	21	22	44	106	32	26	55	23	69	68
Pleurisy	19	—	1	2	—	2	2	—	—	3	5	1	1	—	—	—	2
Pulmonary congestion, pul- monary apoplexy	36	2	1	7	—	3	1	2	1	2	6	—	1	3	1	—	6
Gangrene of the lung	5	—	2	1	1	—	—	—	—	—	1	—	—	—	—	—	—
Asthma	9	1	—	3	—	—	—	—	—	1	3	—	—	—	—	—	1
Pulmonary emphysema	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—
Other diseases of the res- piratory system (tuber- culosis excepted)	13	2	—	—	1	2	3	—	—	—	2	—	—	1	—	—	2
V.—Diseases of the diges- tive system	777	69	164	118	13	23	76	16	9	25	90	20	20	37	8	36	53
Diseases of the mouth and annexa	7	1	1	—	—	2	1	—	—	—	2	—	—	—	—	—	—
Disease of the pharynx ...	14	2	1	5	—	1	—	—	—	2	—	—	—	2	—	—	1
Ulcer of the stomach	25	1	1	3	1	1	4	—	—	2	9	—	—	1	—	1	1
Other diseases of the stom- ach (cancer excepted)	74	1	3	10	2	6	8	—	5	2	14	5	—	4	2	2	10
Diarrhea and enteritis (un- der two years)	242	25	113	28	5	3	8	3	—	8	7	4	10	9	2	9	8
Diarrhea and enteritis (two years and over)	119	4	27	14	—	6	25	3	1	2	15	1	4	5	—	9	4
Intestinal parasites	1	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—
Appendicitis and typhlitis	100	12	6	25	2	2	13	2	—	—	13	3	2	4	—	3	13
Hernia, intestinal obstruc- tion	72	10	3	16	2	2	9	1	1	3	12	1	3	2	—	3	4
Other diseases of the in- testines	8	2	—	—	—	—	—	3	—	—	1	—	—	—	—	—	2
Acute yellow atrophy of the liver	1	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—
Cirrhosis of the liver	39	2	3	5	—	2	2	—	2	2	4	2	—	3	1	4	7
Biliary calculi	17	4	2	2	—	—	—	3	—	1	2	—	—	2	—	1	—
Other diseases of the liver	49	4	4	8	1	1	4	1	—	4	7	3	1	4	3	—	4
Simple peritonitis (non- puerperal)	4	1	—	1	—	—	—	—	—	—	—	—	—	1	—	—	1
Other diseases of the diges- tive system (cancer and tuberculosis excepted) ..	5	—	—	1	—	—	—	—	—	1	1	—	—	—	—	2	—
VI.—Nonvenereal diseases of the genitourinary sys- tem and annexa	908	89	52	173	24	37	78	47	18	44	108	6	25	43	29	42	93
Actue nephritis	61	6	6	8	4	1	6	2	—	4	8	—	2	3	3	3	5
Bright's disease	709	67	37	140	16	12	54	36	15	35	77	6	19	37	24	35	79
Other diseases of the kid- neys and annexa	21	3	6	3	—	1	1	1	2	—	2	—	1	—	—	1	—

TABLE No. 26—Continued.

CAUSES OF DEATH.	State.	Androskoggin.	Aroostook.	Cumberland.	Franklin.	Hancock.	Kennebec.	Knox.	Lincoln.	Oxford.	Penobscot.	Piscataquis.	Sagadahoc.	Somerset.	Waldo.	Washington.	York.
Calculi of the urinary passages	3	—	1	—	—	—	—	—	—	1	1	—	—	—	—	—	—
Diseases of the bladder ...	25	—	1	2	—	1	6	3	—	1	8	—	—	2	—	—	1
Diseases of the urethra, urinary abscess, etc.	2	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1
Diseases of the prostate ..	37	5	—	6	3	1	6	—	1	3	4	—	1	1	1	2	3
Uterine hemorrhage (non-puerperal)	2	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1
Uterine tumor (noncancerous)	12	—	—	9	—	—	1	1	—	—	—	—	1	—	—	—	—
Other diseases of the uterus	9	4	—	—	1	—	1	1	—	—	1	—	—	—	—	1	—
Cysts and other tumors of the ovary	11	1	1	3	—	—	1	3	—	—	—	—	—	—	1	—	1
Salpingitis and other diseases of the female genital organs	16	3	—	2	—	1	2	—	—	—	5	—	1	—	—	—	2
VII.—The puerperal state .	121	9	15	16	5	8	9	6	1	6	12	5	4	8	2	6	9
Accidents of pregnancy ...	17	—	1	4	1	—	2	1	—	2	3	—	—	2	—	—	1
Puerperal hemorrhage	12	1	1	1	—	1	1	—	1	—	2	1	—	—	—	1	2
Other accidents of labor ..	19	—	5	2	—	—	—	1	—	—	1	1	1	2	1	3	2
Puerperal septicemia	22	5	4	4	—	1	2	2	—	—	—	1	—	1	—	1	1
Peurperal albuminuria and convulsions	38	2	4	4	3	5	4	1	1	2	4	2	2	1	1	1	1
Puerperal phlegmasia, albadolens, embolus and sudden death	10	1	—	—	1	1	—	—	—	1	1	—	1	2	—	—	2
Following childbirth (not otherwise defined)	3	—	—	1	—	—	—	—	—	1	1	—	—	—	—	—	—
VIII.—Diseases of the skin and cellular tissue	46	2	2	8	1	1	6	1	2	—	8	2	2	3	—	5	3
Gangrene	33	2	2	5	—	1	4	1	1	—	5	2	—	3	—	4	3
Furuncle	5	—	—	—	1	—	1	—	1	—	1	—	—	—	—	1	—
Acute abscess	4	—	—	2	—	—	1	—	—	—	—	—	1	—	—	—	—
Other diseases of the skin and annexa	4	—	—	1	—	—	—	—	—	—	2	—	1	—	—	—	—
IX.—Diseases of the bones and of the organs of locomotion	20	4	4	1	1	2	—	—	—	—	1	—	—	—	1	5	1
Diseases of the bones (tuberculosis excepted)	10	3	2	1	—	—	—	—	—	—	1	—	—	—	1	2	—
Diseases of the joints (tuberculosis and rheumatism excepted)	8	—	2	—	—	2	—	—	—	—	—	—	—	—	—	3	1
Other diseases of the organs of locomotion	2	1	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—
X.—Malformations	81	4	7	21	—	6	4	2	—	5	10	6	3	2	1	2	8
Congenital malformations (stillbirths not included)	81	4	7	21	—	6	4	2	—	5	10	6	3	2	1	2	8

TABLE No. 26—Continued.

CAUSES OF DEATH.		State.	Androscoggin.	Aroostook.	Cumberland.	Franklin.	Hancock.	Kennebec.	Knox.	Lincoln.	Oxford.	Penobscot.	Piscataquis.	Sagadahoc.	Somerset.	Waldo.	Washington.	York.
XI.—Diseases of early infancy	552	45	84	91	17	18	40	18	11	22	56	15	16	25	7	32	55	
Congenital debility, icterus and sclerema	474	36	72	73	13	15	36	17	10	20	52	14	14	22	5	29	46	
Other diseases peculiar to early infancy	75	9	12	17	4	3	3	1	1	2	4	1	2	3	1	3	9	
Lack of care	3	—	—	1	—	—	1	—	—	—	—	—	—	—	—	—	—	
XII.—Old age	299	23	42	39	2	20	22	17	8	8	33	8	10	14	7	12	34	
Senility	299	23	42	39	2	20	22	17	8	8	33	8	10	14	7	12	34	
XIII.—External causes	621	45	63	102	16	34	49	17	9	19	84	35	23	34	17	24	50	
Suicide by poison	9	—	—	2	—	—	1	—	—	1	2	—	—	—	—	1	1	
Suicide by asphyxia	7	3	—	1	—	—	—	—	—	—	2	—	—	—	—	—	1	
Suicide by hanging or strangulation	32	1	—	4	—	4	2	5	2	1	5	1	1	2	2	1	1	
Suicide by drowning	17	2	1	2	—	2	—	1	2	—	—	—	1	3	1	1	1	
Suicide by firearms	40	2	4	5	1	3	7	2	2	—	2	1	1	5	1	2	2	
Suicide by cutting or piercing instruments	10	—	2	1	—	—	1	—	—	2	2	—	1	—	—	1	—	
Suicide by jumping from high places	1	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	
Other suicides	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Poisoning by food	13	—	—	3	—	2	1	—	—	—	2	—	—	1	—	—	4	
Other acute poisonings	20	—	2	8	—	—	2	1	—	1	4	—	—	—	1	—	1	
Conflagration	15	1	2	2	—	6	2	—	—	—	—	—	—	2	—	—	—	
Burns (conflagration excepted)	27	3	7	4	1	1	1	1	—	—	5	—	—	2	—	2	—	
Absorption of deleterious gases, (conflagration excepted)	12	—	2	4	—	—	—	—	—	1	—	—	1	1	1	—	2	
Accidental drowning	85	6	7	12	3	3	11	1	1	1	17	2	6	2	5	4	4	
Traumatism by firearms ..	20	2	1	1	2	1	—	—	—	1	2	—	1	3	3	1	2	
Traumatism by cutting or piercing instruments	3	—	1	—	1	1	—	—	—	—	—	—	—	—	—	—	—	
Traumatism by fall	98	8	5	20	2	4	14	—	—	6	13	2	3	3	2	2	14	
Traumatism in mines and quarries	9	—	2	1	—	—	—	—	2	—	2	—	—	1	—	1	—	
Traumatism by machines ..	22	1	5	4	3	—	1	—	—	2	3	—	1	1	—	—	1	
Traumatism by other crushing	119	11	15	20	1	1	5	3	—	3	12	26	6	4	—	3	9	
Injuries by animals	5	1	1	1	—	—	—	—	—	—	1	—	—	—	—	—	1	
Starvation	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	
Excessive cold	5	—	—	—	—	—	—	—	—	1	—	1	1	—	—	1	1	
Lightning	6	—	1	—	1	1	—	—	—	—	2	—	—	—	—	1	—	
Electricity (lightning excepted)	9	—	—	2	—	1	—	—	—	1	2	2	1	—	—	—	—	
Homicide by firearms	8	1	1	1	—	—	1	—	—	—	2	—	—	1	—	—	1	

TABLE No. 26—Concluded.

CAUSES OF DEATH.	State.	Androscoggin.	Aroostook.	Cumberland.	Franklin.	Hancock.	Kennebec.	Knox.	Lincoln.	Oxford.	Penobscot.	Piscataquis.	Sagadahoc.	Somerset.	Waldo.	Washington.	York.
Homicide by other means .	4	1	—	1	—	—	1	—	—	—	—	—	—	—	—	—	1
Fractures (cause not specified)	5	1	—	1	—	—	—	—	—	—	—	—	—	1	—	—	2
Other external causes	18	—	4	2	1	3	—	—	—	—	2	—	—	2	1	2	1
XIV.—Ill-defined diseases .	172	11	60	11	4	5	12	2	2	4	26	3	4	15	—	7	6
Ill-defined organic diseases	5	—	2	—	—	—	1	—	—	1	1	—	—	—	—	—	—
Sudden death	33	6	8	4	1	1	4	—	—	—	4	1	—	2	—	1	1
Cause of death not specified or ill-defined	134	5	50	7	3	4	7	2	2	3	21	2	4	13	—	6	8

TABLE
Deaths from all Causes

CAUSES OF DEATH.	Total.	January.	February.
All causes (including premature birth)	11,200	1,435	1,011
I. General diseases	2,895	460	280
II. Diseases of the nervous system and of the organs of special sense	1,344	109	140
III. Diseases of the circulatory system	1,923	209	150
IV. Diseases of the respiratory system	1,441	354	140
V. Diseases of the digestive system	777	54	52
VI. Nonvenereal diseases of the genitourinary system and its annexa	908	82	78
VII. The puerperal state	121	15	19
VIII. Diseases of the skin and cellular tissue	46	7	5
IX. Diseases of the bones and the organs of locomotion	20	3	2
X. Malformation	81	8	10
XI. Diseases of early infancy	552	53	55
XII. Old age	299	30	32
XIII. Affections produced by external causes	621	34	32
XIV. Ill defined diseases	172	17	16

No. 27.

by Months, 1919.

March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1,090	1,013	974	779	754	798	844	800	805	897
276	252	264	191	182	207	189	203	177	214
137	105	137	107	110	102	104	109	93	91
175	189	157	140	122	134	154	157	170	166
185	158	131	59	45	27	58	78	75	131
54	41	48	50	55	120	127	67	55	54
100	83	69	69	60	61	76	75	84	71
11	7	13	6	6	8	6	10	9	11
4	6	4	7	2	3	1	2	2	3
1	2	—	3	1	2	3	2	—	1
8	7	3	5	6	5	9	4	9	7
56	51	42	51	45	45	39	31	43	41
20	40	37	22	26	12	23	15	18	24
48	47	53	60	79	62	45	35	58	68
15	25	16	9	15	10	10	12	12	15

TABLE No. 27—Continued.

CAUSES OF DEATH.	Total.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
I.—General diseases	2,895	460	280	276	252	264	191	182	207	189	203	177	214
Typhoid fever	44	3	3	2	3	2	2	5	5	5	7	3	4
Small pox	2	—	—	—	—	—	1	1	—	—	—	—	—
Measles	4	1	1	—	1	1	—	—	—	—	—	—	—
Scarlet fever	11	—	1	—	—	2	—	—	—	—	—	1	6
Whooping cough	104	11	11	11	13	13	6	1	9	5	7	8	9
Diphtheria and croup	50	1	3	5	2	5	1	5	2	1	9	6	10
Influenza	589	269	87	89	39	38	12	10	10	8	9	8	10
Dysentery	1	—	—	—	—	—	—	—	—	—	1	—	—
Erysipelas	17	3	1	1	2	1	4	1	—	—	3	—	1
Other epidemic diseases	6	—	—	1	1	1	—	—	2	—	—	—	1
Purulent infection and septicemia	24	3	2	1	3	2	1	—	1	2	1	4	4
Anthrax	1	1	—	—	—	—	—	—	—	—	—	—	—
Tetanus	2	—	—	—	—	—	—	—	1	—	—	—	1
Pellagra	4	—	—	—	—	—	—	—	—	—	—	—	—
Tuberculosis of the lungs	638	57	66	52	64	78	53	41	52	36	50	44	45
Acute miliary tuberculosis	10	1	—	—	2	2	2	—	1	1	—	—	1
Tuberculous meningitis	61	4	5	4	8	11	6	2	7	3	6	3	2
Abdominal tuberculosis	42	1	4	2	3	5	2	1	2	3	7	5	7
Potts disease	4	—	—	—	—	—	—	—	—	2	2	—	—
White swellings	3	—	—	—	—	—	—	—	—	—	—	—	—
Tuberculosis of other organs	14	3	—	1	—	—	1	1	—	—	—	—	2
Disseminated tuberculosis	17	2	1	—	4	2	2	—	1	1	1	1	2
Rickets	2	—	1	—	1	—	—	—	—	—	—	—	—
Syphilis	25	2	1	1	2	1	3	3	5	2	1	—	4
Gonococcus infection	1	—	—	—	—	—	—	—	—	1	—	—	—
Cancer and other malignant tumors of the buccal cavity	40	6	3	1	1	2	4	2	3	9	3	5	1
Cancer and other malignant tumors of the stomach and liver	311	26	28	21	31	26	26	27	25	24	25	28	24
Cancer and other malignant tumors of the peritoneum intestines and rectum	143	15	11	14	8	16	9	9	16	16	8	8	13
Cancer and other malignant tumors of the female genital organs	147	7	12	8	16	10	16	8	16	20	12	7	15
Cancer and other malignant tumors of the breast	87	9	7	6	8	11	4	8	6	9	9	4	6
Cancer and other malignant tumors of the skin	42	1	2	4	3	4	3	6	4	2	2	5	6
Cancer and other malignant tumors of other organs or of organs not specified	118	7	7	9	7	8	13	9	9	10	14	7	18
Other tumors (tumors of the female genital organs excepted)	6	—	—	1	—	—	—	1	2	—	1	—	1
Actue articular rheumatism	21	2	—	4	1	2	1	1	2	1	2	1	4
Chronic rheumatism and gout	26	1	4	2	5	1	—	4	3	3	—	1	2
Scurvy	1	—	—	—	—	—	—	—	—	—	—	—	—
Diabetes	158	17	11	18	10	9	8	14	11	17	14	19	10
Exophthalmic goiter	7	—	—	1	1	1	1	1	—	1	1	—	—
Addison's disease	3	—	—	—	—	2	1	—	—	—	—	—	—
Leukemia	14	2	—	3	1	1	1	2	—	—	3	1	—
Anemia, chlorosis	57	4	4	7	8	6	3	8	7	3	2	3	2
Other general diseases	7	—	—	1	1	—	1	1	2	—	—	1	—
Alcoholism	14	1	1	4	3	—	1	1	1	—	—	1	1
Chronic lead poisoning	10	—	2	1	—	1	1	2	1	—	—	—	2
Other chronic poisonings	7	—	—	1	—	—	—	4	—	1	1	—	—
II.—Diseases of the nervous system and of the organs of special sense	1,344	109	140	137	105	137	107	110	102	104	109	93	91

TABLE No. 27—Continued.

CAUSES OF DEATH.	Total.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Encephalitis	14	2	2	3	1	—	—	—	1	—	1	2	1
Meningitis	70	4	8	10	23	13	5	6	4	—	7	6	1
Locomotor ataxia	19	2	1	2	2	—	3	3	3	—	2	3	—
Other diseases of the spinal cord	53	8	3	5	3	6	4	4	3	5	4	2	2
Cerebral hemorrhage, apoplexy	977	70	110	92	84	93	78	82	78	79	69	70	72
Softening of the brain	17	2	5	1	—	1	1	1	—	1	2	—	—
Paralysis without specified cause	51	5	5	7	7	7	1	1	6	1	2	4	3
General paralysis of the insane	30	3	2	2	2	4	2	2	3	3	2	2	3
Other forms of mental alienation	15	3	—	1	1	—	—	—	1	—	4	4	3
Epilepsy	29	1	1	4	2	2	3	4	—	3	5	2	2
Convulsions (nonpuerperal)	3	1	—	—	—	—	—	—	—	—	—	—	—
Convulsions of infants	19	3	1	2	1	3	3	—	—	1	2	—	3
Chorea	1	1	—	—	—	—	—	—	—	—	—	—	—
Neuralgia and neuritis	2	—	—	—	1	—	—	—	—	—	—	1	—
Other diseases of the nervous system	28	1	3	4	1	4	4	2	4	—	2	1	2
Diseases of the eyes and their annexa	3	1	—	1	—	1	—	—	—	—	—	—	—
Diseases of the ears	13	2	1	4	1	1	—	—	1	1	—	—	2
III.—Diseases of the circulatory system	1,923	209	150	175	189	157	140	122	134	154	157	170	166
Pericarditis	3	—	—	—	2	—	—	—	—	1	—	—	—
Acute endocarditis	33	6	2	4	3	1	2	1	4	1	5	3	1
Organic diseases of the heart	1,345	164	103	124	126	109	104	94	90	102	105	113	111
Angina pectoris	128	9	10	9	10	15	9	7	10	14	9	10	16
Diseases of the arteries, atheroma, aneurysm, etc.	332	25	30	33	40	27	23	16	22	26	30	31	29
Embolism and thrombosis	71	5	4	3	8	4	2	4	6	8	7	12	8
Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)	2	—	—	—	—	—	—	—	—	1	—	1	—
Diseases of the lymphatic system (lymphangitis, etc.)	1	—	1	—	—	—	—	—	—	—	—	—	—
Hemorrhage, other diseases of the circulatory system	8	—	—	2	—	1	—	—	2	1	1	—	1
IV.—Diseases of the respiratory system	1,441	354	140	185	158	131	59	45	27	58	78	75	131
Diseases of the nasal fossae	1	—	—	—	—	1	—	—	—	—	—	—	—
Diseases of the larynx	5	—	—	1	—	—	—	1	—	—	2	—	1
Diseases of the thyroid body	3	—	—	1	1	—	—	—	—	—	1	—	—
Acute bronchitis	81	10	7	14	13	7	4	3	2	3	8	3	7
Chronic bronchitis	41	5	3	4	1	2	1	3	6	5	5	5	1
Pneumonia	334	32	29	51	45	33	15	14	4	19	21	28	43
Pleurisy	893	296	97	106	90	77	36	20	9	21	33	35	73
Pulmonary congestion, pulmonary apoplexy	19	2	1	1	4	1	2	1	2	—	2	1	2
Gangrene of the lung	36	4	3	4	4	8	—	1	2	4	1	2	3
Asthma	5	1	—	—	—	1	—	—	—	—	2	1	—
Pulmonary emphysema	9	2	—	1	—	1	—	1	—	3	1	—	—
Other diseases of the respiratory system (tuberculosis excepted)	13	1	—	2	—	—	1	1	2	1	2	1	1
V.—Diseases of the digestive system	777	54	52	54	41	48	50	55	120	127	67	55	54
Diseases of the mouth and annexa	7	1	—	3	—	—	—	1	—	1	1	—	—
Diseases of the pharynx	14	1	2	1	1	2	—	1	1	—	—	1	4
Ulcer of the stomach	25	2	4	5	—	2	3	—	1	3	—	4	1
Other diseases of the stomach (cancer excepted)	74	7	12	5	5	6	3	5	10	4	4	7	6

TABLE No. 27—Continued.

CAUSES OF DEATH.	Total.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Diarrhea and enteritis (under two years)	242	9	5	5	7	11	9	18	60	73	24	10	11
Diarrhea and enteritis (two years and over)	119	9	6	11	5	5	3	10	23	22	11	8	6
Intestinal parasites	1	1	—	—	—	—	—	—	—	—	—	—	—
Appendicitis and typhlitis	100	10	9	5	8	10	11	8	7	4	12	9	7
Hernia, intestinal obstruction ..	72	6	6	6	7	4	7	6	7	6	7	3	7
Other diseases of the intestines	8	—	—	—	1	—	2	1	—	—	—	3	1
Acute yellow atrophy of the liver	1	—	—	—	—	1	—	—	—	—	—	—	—
Cirrhosis of the liver	39	3	4	5	1	—	5	2	5	7	1	2	4
Biliary calculi	17	1	2	3	—	1	3	—	2	1	2	1	1
Other diseases of the liver	49	3	1	5	5	5	4	3	3	5	5	6	4
Simple peritonitis (non-puerperal)	4	1	1	—	—	—	—	—	1	—	—	1	—
Other diseases of the digestive system (cancer and tuberculosis excepted)	5	—	—	—	1	1	—	—	—	1	—	—	2
VI.—Nonvenereal diseases of the genitourinary system and annexa	908	82	78	100	83	69	69	60	61	76	75	84	71
Acute nephritis	61	1	9	11	3	2	4	8	1	9	2	7	4
Bright's disease	709	66	54	77	66	58	54	41	46	59	61	66	61
Other diseases of the kidneys and annexa	2	—	—	—	—	—	1	1	2	3	—	1	2
Calculi of the urinary passages ..	3	—	1	—	—	—	1	—	—	—	—	1	—
Diseases of the bladder	25	2	4	1	4	1	1	—	3	3	4	2	—
Diseases of the urethra, urinary abscess, etc.	2	—	—	—	—	—	—	—	—	1	1	—	—
Diseases of the prostate	37	5	3	3	5	3	2	2	4	2	1	3	4
Uterine hemorrhage (nonpuerperal)	2	1	—	—	—	—	—	—	1	—	—	—	—
Uterine tumor (noncancerous) ..	12	—	3	2	1	2	1	3	—	—	—	—	—
Other diseases of the uterus	9	1	—	1	—	1	1	1	—	—	2	2	—
Cysts and other tumors of the ovary	11	1	—	1	2	—	2	2	1	1	—	1	—
Salpingitis and other diseases of the female genital organs ..	16	2	2	—	1	2	2	1	1	1	3	1	—
VII.—The puerperal state	121	15	19	11	7	13	6	8	6	10	9	11	—
Accidents of pregnancy	17	7	1	2	1	—	—	1	—	4	—	1	—
Puerperal hemorrhage	12	1	1	—	2	1	—	2	—	1	2	2	—
Other accidents of labor	19	1	3	3	1	4	1	—	1	1	1	2	1
Puerperal septicemia	22	—	8	2	1	4	—	1	—	1	1	1	3
Puerperal albuminuria and convulsions	38	3	5	2	2	4	4	1	6	3	1	3	4
Puerperal phlegmasia, albadolens, embolus, sudden death ...	11	3	1	1	—	—	1	—	1	—	1	1	2
Following childbirth (not otherwise defined)	3	—	—	1	—	—	—	1	—	—	—	—	1
VIII.—Diseases of the skin and cellular tissue	46	7	5	4	6	4	7	2	2	1	2	2	3
Gangrene	33	5	3	3	4	4	4	2	2	1	1	1	3
Furuncle	5	1	—	—	1	—	2	—	—	—	—	1	—
Acute abscess	4	—	1	—	1	—	—	—	1	—	1	—	—
Other diseases of the skin and annexa	4	1	1	1	—	—	1	—	—	—	—	—	—
IX.—Diseases of the bones and of the organs of locomotion ..	20	3	2	1	2	—	3	1	2	2	2	—	1
Diseases of the bones (tuberculosis excepted)	10	3	1	—	—	—	2	—	2	2	—	—	—

TABLE No. 27—Concluded.

CAUSES OF DEATH.	Total	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Diseases of the joints (tuberculosis and rheumatism excepted)	8	—	1	1	1	—	1	1	—	1	1	—	1
Other diseases of the organs of locomotion	2	—	—	—	1	—	—	—	—	—	1	—	—
X.—Malformations	81	8	10	8	7	3	5	6	5	9	4	9	7
Congenital malformations (stillbirths not included)	81	8	10	8	7	3	5	6	5	9	4	9	7
XI.—Diseases of early infancy	552	53	55	56	51	42	51	45	45	39	31	43	41
Congenital debility, icterus and sclerema	474	48	48	45	44	34	39	40	41	36	29	37	33
Other diseases peculiar to early infancy	75	5	7	11	7	8	12	3	4	3	2	5	8
Lack of care	3	—	—	—	—	—	—	—	—	—	—	1	—
XII.—Old age	299	30	32	20	40	37	22	26	12	23	15	18	24
Senility	299	30	32	20	40	37	22	26	12	23	15	18	24
XIII.—Affections produced by external causes	621	34	32	48	47	53	60	79	62	45	35	58	68
Suicide by poison	9	1	1	—	3	—	1	3	1	—	—	—	—
Suicide by asphyxia	7	1	1	—	—	1	2	—	—	1	—	1	—
Suicide by hanging or strangulation	32	1	1	1	—	5	7	7	2	3	3	1	1
Suicide by drowning	17	1	2	—	3	—	3	2	2	—	1	2	1
Suicide by firearms	40	—	3	5	7	4	3	6	2	1	3	4	2
Suicide by cutting or piercing instruments	10	1	1	—	1	1	—	2	—	—	2	—	2
Suicide by jumping from high places	1	—	—	—	—	—	—	1	—	—	—	—	—
Other suicides	1	—	—	1	—	—	—	—	—	—	—	—	—
Poisoning by food	13	1	2	—	—	—	—	1	—	3	1	3	2
Other acute poisonings	20	1	—	2	2	3	2	1	—	4	1	3	1
Conflagration	15	—	1	6	1	3	—	2	—	—	—	2	—
Burns (conflagration excepted)	27	4	1	3	—	3	3	2	1	2	2	3	3
Absorption of deleterious gases, (conflagration excepted)	12	1	1	2	—	2	—	—	—	1	—	2	3
Accidental drowning	85	—	2	1	8	8	13	19	12	10	1	4	7
Traumatism by firearms	20	—	—	1	—	—	—	1	1	4	1	3	2
Traumatism by cutting or piercing instruments	3	—	1	—	—	—	—	2	—	—	—	—	—
Traumatism by fall	98	6	5	13	9	11	6	7	13	8	3	7	10
Traumatism in mines and quarries	9	—	—	—	—	—	—	—	1	2	1	—	3
Traumatism by machines	22	4	3	2	7	1	—	—	—	—	1	1	3
Traumatism by other crushing	119	9	4	5	5	6	11	17	16	6	10	7	23
Injuries by animals	5	—	—	1	—	—	—	2	—	1	—	—	—
Starvation	1	—	—	—	—	1	—	—	—	—	—	—	—
Excessive cold	5	—	—	1	—	—	—	—	—	—	—	4	—
Lightning	6	—	—	—	—	1	3	1	1	—	—	—	—
Electricity (lightning excepted)	9	—	—	—	1	1	—	—	3	2	1	—	1
Homicide by firearms	8	1	—	1	1	—	1	1	—	—	2	1	—
Homicide by other means	4	—	—	—	1	—	—	1	—	—	—	—	—
Fractures (cause not specified)	5	1	2	2	—	1	—	1	—	—	—	1	1
Other external causes	18	2	—	1	—	—	3	—	1	1	—	4	3
XIV.—Ill-defined diseases	172	17	16	15	25	16	9	15	10	10	12	12	15
Ill-defined organic diseases	5	—	1	1	—	—	—	—	—	—	2	—	1
Sudden death	33	6	3	3	5	1	3	1	4	2	1	2	2
Causes of death not specified or ill defined	134	11	12	11	20	15	6	14	6	8	9	10	12

TABLE
Deaths from all Causes

CAUSES OF DEATH.	SEX.	Total.					Total under 5.	5-9.	10-14.	
			Under 1.	1 and under 2.	2.	3.				4.
All causes	Totals ...	11200	1418	201	112	80	54	1865	189	147
	Males	5709	808	109	57	38	26	1038	117	81
	Females ...	5491	610	92	55	42	28	827	72	66
	Not stated	—	—	—	—	—	—	—	—	—
Typhoid fever	Totals ...	44	—	1	—	—	—	1	2	3
	Males	29	—	—	—	—	—	—	1	2
	Females ...	15	—	1	—	—	—	1	1	1
Small pox	Totals ...	2	—	—	—	—	—	—	1	—
	Males	1	—	—	—	—	—	—	—	—
	Females ...	1	—	—	—	—	—	—	1	—
Measles	Totals ...	4	—	1	1	—	—	2	—	—
	Males	2	—	1	—	—	—	1	—	—
	Females ...	2	—	—	1	—	—	1	—	—
Scarlet fever	Totals ...	11	—	1	1	—	1	3	4	2
	Males	6	—	1	—	—	—	1	2	1
	Females ...	5	—	—	1	—	1	2	2	1
Whooping cough	Totals ...	104	66	21	3	6	3	99	4	—
	Males	52	38	6	1	1	2	48	4	—
	Females ...	52	28	15	2	5	1	51	—	—
Diphtheria and croup	Totals ...	50	3	5	7	6	5	26	16	4
	Males	29	3	3	5	2	3	16	9	3
	Females ...	21	—	2	2	4	2	10	7	1
Influenza	Totals ...	589	75	31	15	7	3	131	15	13
	Males	298	51	17	7	5	—	80	6	6
	Females ...	291	24	14	8	2	3	51	9	7
Dysentery	Totals ...	1	—	—	—	—	—	—	—	—
	Males	1	—	—	—	—	—	—	—	—
	Females ...	—	—	—	—	—	—	—	—	—
Erysipelas	Totals ...	17	2	—	—	—	—	2	1	—
	Males	10	1	—	—	—	—	1	1	—
	Females ...	7	—	—	—	—	—	—	—	—
Other epidemic diseases ...	Totals ...	6	2	1	—	1	1	5	—	—
	Males	3	2	—	—	—	—	2	—	—
	Females ...	3	—	1	—	1	1	3	—	—
Purulent infection and septicemia	Totals ...	24	3	—	—	2	—	5	3	1
	Males	10	1	—	—	1	—	2	1	1
	Females ...	14	2	—	—	1	—	3	2	—
Anthrax	Totals ...	1	—	—	—	—	—	—	—	—
	Males	1	—	—	—	—	—	—	—	—
	Females ...	—	—	—	—	—	—	—	—	—
Tetanus	Totals ...	2	1	—	—	—	—	1	—	—
	Males	1	—	—	—	—	—	—	—	—
	Females ...	1	1	—	—	—	—	1	—	—
Pellagra	Totals ...	4	—	—	—	—	—	—	—	—
	Males	1	—	—	—	—	—	—	—	—
	Females ...	3	—	—	—	—	—	—	—	—
Tuberculosis of the lungs .	Totals ...	638	6	2	—	1	—	9	5	7
	Males	326	3	1	—	1	—	5	4	1
	Females ...	302	3	1	—	—	—	4	1	6
Acute miliary tuberculosis	Totals ...	10	—	—	—	1	—	1	—	—
	Males	4	—	—	—	—	—	—	—	—
	Females ...	6	—	—	—	1	—	1	—	—

TABLE No. 28.
Deaths from all Causes

CAUSES OF DEATH.	SEX.	Total.					Total under 5.	5-9.	10-14.
			Under 1.	1 and under 2.	2.	3.			
Diseases of the arteries, aneurysm, etc.	Totals ...	332	—	—	—	—	—	—	—
	Males ...	179	—	—	—	—	—	—	—
	Females ...	153	—	—	—	—	—	—	—
Embolism and thrombosis	Totals ...	71	—	—	—	—	—	1	1
	Males ...	36	—	—	—	—	—	1	—
	Females ...	35	—	—	—	—	—	—	1
Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)	Totals ...	2	—	—	—	—	—	—	—
	Males ...	1	—	—	—	—	—	—	—
	Females ...	1	—	—	—	—	—	—	—
Diseases of the lymphatic system (lymphangitis, etc.)	Totals ...	1	—	1	—	—	—	1	—
	Males ...	1	—	1	—	—	—	—	—
	Females ...	—	—	—	—	—	—	—	—
Hemorrhage; other diseases of the circulatory system	Totals ...	8	2	—	—	—	—	2	—
	Males ...	5	—	—	—	—	—	—	—
	Females ...	3	2	—	—	—	—	2	—
Diseases of the nasal fossae	Totals ...	1	—	—	—	—	—	—	—
	Males ...	—	—	—	—	—	—	—	—
	Females ...	1	—	—	—	—	—	—	—
Diseases of the larynx	Totals ...	5	2	—	—	—	—	2	—
	Males ...	3	1	—	—	—	—	1	—
	Females ...	2	1	—	—	—	—	1	—
Diseases of the thyroid body	Totals ...	3	—	—	—	—	—	—	—
	Males ...	1	—	—	—	—	—	—	—
	Females ...	2	—	—	—	—	—	—	—
Acute bronchitis	Totals ...	81	28	7	2	—	—	37	1
	Males ...	41	20	6	1	—	—	27	1
	Females ...	40	8	1	1	—	—	10	—
Chronic bronchitis	Totals ...	41	—	2	—	—	—	2	—
	Males ...	18	—	1	—	—	—	1	—
	Females ...	23	—	1	—	—	—	1	—
Bronchopneumonia	Totals ...	334	108	16	15	2	2	143	4
	Males ...	169	65	8	8	2	1	84	2
	Females ...	165	43	8	7	—	1	59	2
Pneumonia	Totals ...	893	73	33	12	11	6	135	18
	Males ...	475	47	17	6	4	5	79	10
	Females ...	418	26	16	6	7	1	56	8
Pleurisy	Totals ...	19	1	—	—	1	1	3	1
	Males ...	12	—	—	—	1	—	1	—
	Females ...	7	1	—	—	—	1	2	1
Fulmonary congestion (pulmonary apoplexy)	Totals ...	36	4	—	—	—	—	4	—
	Males ...	22	2	—	—	—	—	2	—
	Females ...	14	2	—	—	—	—	2	—
Gangrene of the lungs	Totals ...	5	—	—	1	—	—	1	—
	Males ...	3	—	—	1	—	—	1	—
	Females ...	2	—	—	—	—	—	—	—
Asthma	Totals ...	9	1	—	—	1	—	2	—
	Males ...	3	—	—	—	1	—	1	—
	Females ...	6	1	—	—	—	—	1	—
Pulmonary emphysema ...	Totals ...	1	—	—	—	—	—	—	1
	Males ...	—	—	—	—	—	—	—	—
	Females ...	1	—	—	—	—	—	—	1
Other diseases of the respiratory system (tuberculosis excepted)	Totals ...	13	—	—	—	—	—	—	—
	Males ...	11	—	—	—	—	—	—	—
	Females ...	2	—	—	—	—	—	—	—

TABLE No. 28.
Deaths from all Causes

CAUSES OF DEATH.	SEX.	Total.	Under 1.	1 and under 2.	2.	3.	4.	Total under 5.	5-9.	10-14.
Diseases of the mouth and annexa	Totals ...	7	1	—	—	—	—	1	—	1
	Males ...	4	1	—	—	—	—	1	—	—
	Females ...	3	—	—	—	—	—	—	—	1
Diseases of the pharynx ..	Totals ...	14	—	—	2	2	—	4	2	—
	Males ...	5	—	—	2	—	—	2	—	—
	Females ...	9	—	—	—	2	—	2	2	—
Ulcer of the stomach	Totals ...	25	—	—	—	—	—	—	—	—
	Males ...	10	—	—	—	—	—	—	—	—
	Females ...	15	—	—	—	—	—	—	—	—
Other diseases of the stomach (cancer excepted) ..	Totals ...	74	11	—	2	1	—	14	—	—
	Males ...	40	6	—	—	—	—	7	—	—
	Females ...	34	5	—	2	1	—	7	—	—
Diarrhea and enteritis (under 2 years)	Totals ...	242	209	33	—	—	—	242	—	—
	Males ...	126	111	15	—	—	—	126	—	—
	Females ...	116	98	18	—	—	—	116	—	—
Diarrhea and enteritis (2 years and over)	Totals ...	119	51	—	15	6	5	26	13	3
	Males ...	51	—	—	10	3	3	16	5	2
	Females ...	68	—	—	5	3	2	10	8	1
Intestinal parasites	Totals ...	1	—	1	—	—	—	1	—	—
	Males ...	1	—	1	—	—	—	1	—	—
	Females ...	—	—	—	—	—	—	—	—	—
Appendicitis and typhilitis	Totals ...	100	—	—	1	3	—	4	7	10
	Males ...	52	—	—	—	1	—	2	3	—
	Females ...	48	—	—	—	2	—	2	4	4
Hernia, intestinal obstruction	Totals ...	72	12	1	—	—	1	14	1	—
	Males ...	46	10	1	—	—	1	12	1	—
	Females ...	26	2	—	—	—	2	—	—	—
Other diseases of the Intestines	Totals ...	8	1	—	—	—	—	1	—	1
	Males ...	4	1	—	—	—	—	1	—	—
	Females ...	4	—	—	—	—	—	—	—	1
Acute yellow atrophy of the liver	Totals ...	1	—	—	—	—	—	—	—	—
	Males ...	1	—	—	—	—	—	—	—	—
	Females ...	—	—	—	—	—	—	—	—	—
Cirrhosis of the liver	Totals ...	39	1	—	—	—	—	1	—	—
	Males ...	22	1	—	—	—	—	1	—	—
	Females ...	17	—	—	—	—	—	—	—	—
Biliary calculi	Totals ...	17	—	—	—	—	—	—	—	—
	Males ...	4	—	—	—	—	—	—	—	—
	Females ...	13	—	—	—	—	—	—	—	—
Other diseases of the liver	Totals ...	49	2	—	—	—	—	2	—	—
	Males ...	13	—	—	—	—	—	—	—	—
	Females ...	36	2	—	—	—	—	—	—	—
Simple peritonitis (non-puerperal)	Totals ...	4	—	—	—	—	1	1	—	—
	Males ...	2	—	—	—	—	1	1	—	—
	Females ...	2	—	—	—	—	—	—	—	—
Other diseases of the digestive system (cancer and tuberculosis excepted) ..	Totals ...	5	—	—	—	—	—	—	—	—
	Males ...	—	—	—	—	—	—	—	—	—
	Females ...	5	—	—	—	—	—	—	—	—
Acute nephritis	Totals ...	61	5	—	1	—	2	8	3	2
	Males ...	30	2	—	—	—	1	3	2	1
	Females ...	31	3	—	1	—	1	5	1	1
Bright's disease	Totals ...	709	1	—	—	—	—	1	2	1
	Males ...	374	—	—	—	—	—	—	2	—
	Females ...	335	—	—	—	—	—	1	—	1

TABLE No. 28.
Deaths from all Causes

CAUSES OF DEATH.	SEX.	Total.	Under 1.	1 and under 2.	2.	3.	4.	Total under 5.	5-9.	10-14.
Other diseases of the kidneys and annexa	Totals	21	1	—	—	—	—	1	—	—
	Males	13	—	—	—	—	—	—	—	—
	Females	8	—	—	—	—	—	—	—	—
Calculi of the urinary passages	Totals	3	—	—	—	—	—	—	—	—
	Males	3	—	—	—	—	—	—	—	—
	Females	—	—	—	—	—	—	—	—	—
Diseases of the bladder ...	Totals	25	—	—	—	—	—	—	—	—
	Males	16	—	—	—	—	—	—	—	—
	Females	9	—	—	—	—	—	—	—	—
Diseases of the urethra, urinary abscess, etc.	Totals	2	—	—	—	—	—	—	—	—
	Males	1	—	—	—	—	—	—	—	—
	Females	1	—	—	—	—	—	—	—	—
Diseases of the prostate ..	Totals	37	—	—	—	—	—	—	—	—
	Males	37	—	—	—	—	—	—	—	—
	Females	—	—	—	—	—	—	—	—	—
Uterine hemorrhage (non-puerperal)	Totals	2	—	—	—	—	—	—	—	—
	Males	—	—	—	—	—	—	—	—	—
	Females	2	—	—	—	—	—	—	—	—
Uterine tumors (noncancerous)	Totals	12	—	—	—	—	—	—	—	—
	Males	2	—	—	—	—	—	—	—	—
	Females	10	—	—	—	—	—	—	—	—
Other diseases of the uterus	Totals	9	—	—	—	—	—	—	—	—
	Males	—	—	—	—	—	—	—	—	—
	Females	9	—	—	—	—	—	—	—	—
Cysts and other tumors of the ovary	Totals	11	—	—	—	—	—	—	—	—
	Males	—	—	—	—	—	—	—	—	—
	Females	11	—	—	—	—	—	—	—	—
Salpingitis and other diseases of the female genital organs	Totals	16	—	—	—	—	—	—	—	—
	Males	—	—	—	—	—	—	—	—	—
	Females	16	—	—	—	—	—	—	—	—
Accidents of pregnancy ...	Totals	17	—	—	—	—	—	—	—	—
	Males	—	—	—	—	—	—	—	—	—
	Females	17	—	—	—	—	—	—	—	—
Puerperal hemorrhage	Totals	12	—	—	—	—	—	—	—	—
	Males	—	—	—	—	—	—	—	—	—
	Females	12	—	—	—	—	—	—	—	—
Other accidents of labor ..	Totals	19	—	—	—	—	—	—	—	—
	Males	—	—	—	—	—	—	—	—	—
	Females	19	—	—	—	—	—	—	—	—
Puerperal septicemia	Totals	22	—	—	—	—	—	—	—	—
	Males	—	—	—	—	—	—	—	—	—
	Females	22	—	—	—	—	—	—	—	—
Puerperal albuminuria and convulsions	Totals	38	—	—	—	—	—	—	—	—
	Males	—	—	—	—	—	—	—	—	—
	Females	38	—	—	—	—	—	—	—	—
Puerperal phlegmasia, albumen, embolus, sudden death	Totals	10	—	—	—	—	—	—	—	—
	Males	—	—	—	—	—	—	—	—	—
	Females	10	—	—	—	—	—	—	—	—
Following childbirth (not otherwise defined)	Totals	3	—	—	—	—	—	—	—	—
	Males	—	—	—	—	—	—	—	—	—
	Females	3	—	—	—	—	—	—	—	—
Gangrene	Totals	33	1	—	—	—	—	1	—	1
	Males	16	—	—	—	—	—	—	—	—
	Females	17	1	—	—	—	—	1	—	1

TABLE No. 29.

Number of Deaths from Several Specified Causes of Each Sex, in Each Month, which were Registered during Twenty-eight years, 1892-1919.

	Measles.	Scarlet fever.	Whooping cough.	Diphtheria and croup.	Typhoid fever.	Pulmonary tuberculosis.	Diarrhea and enteritis, (under 2 years.)	Pneumonia.	Bronchitis.	Cerebral hemorrhage, apoplexy.
Totals	1,239	651	1,963	3,565	4,470	26,355	4,343	29,795	5,681	20,532
Males	616	307	941	1,793	2,587	12,209	—	15,011	2,587	9,921
Females	619	344	1,022	1,771	1,882	14,145	—	14,777	3,094	10,611
Not stated	4	—	—	1	1	1	—	7	—	—
January	122	57	183	372	343	2,292	218	4,290	713	1,884
February	107	56	165	308	291	2,265	181	3,952	667	1,854
March	132	85	183	232	372	2,669	222	4,287	769	1,837
April	150	65	172	233	327	2,600	226	3,703	663	1,709
May	158	56	162	250	303	2,586	257	2,805	518	1,801
June	132	52	159	202	252	2,175	350	1,493	362	1,594
July	119	27	142	196	225	2,070	1,588	734	248	1,501
August	63	26	183	210	358	1,966	4,184	604	178	1,585
September	38	39	176	253	551	1,832	3,885	964	235	1,631
October	62	56	144	399	609	1,989	1,596	1,963	393	1,695
November	82	71	139	460	441	1,825	386	2,031	403	1,644
December	74	61	152	450	391	2,070	247	2,958	521	1,793
Not stated	—	—	3	—	7	16	3	11	6	4

TABLE No. 30.

YEARS.	Total deaths.	Males.	Females.	Not stated.	Death-rate per 1,000.
1892	12,147	5,939	6,175	33	18.19
1893	11,134	5,557	5,551	26	16.59
1894	11,012	5,570	5,422	20	16.33
1895	10,464	5,226	5,228	10	15.44
1896	10,626	5,350	5,268	8	15.60
1897	11,236	5,624	5,606	6	16.42
1898	10,956	5,506	5,447	3	15.93
1899	11,370	5,676	5,686	8	16.45
1900	11,389	5,734	5,649	6	16.40
1901	11,133	5,604	5,523	6	15.94
1902	10,673	5,454	5,216	3	15.19
1903	11,009	5,629	5,378	2	15.58
1904	11,346	5,868	5,468	10	15.97
1905	11,381	5,835	5,545	1	15.92
1906	11,427	5,925	5,497	5	15.90
1907	11,803	6,100	5,700	3	16.33
1908	11,664	6,060	5,602	2	16.05
1909	11,295	5,743	5,551	1	15.45
1910	12,439	6,427	6,012	—	16.62
1911	11,731	6,119	5,612	—	15.68
1912	11,390	5,865	5,523	2	15.27
1913	11,552	6,003	5,549	—	15.35
1914	11,648	6,161	5,487	—	15.24
1915	11,541	6,095	5,444	2	14.96
1916	11,772	6,139	5,633	—	15.38
1917	11,407	5,994	5,413	—	14.53
1918	14,187	7,324	6,859	4	17.78
1919	10,919	5,556	5,363	—	13.53
Average	11,451	5,860	5,585	6	15.85

TABLE No. 31.

LARGEST NUMBER.		SMALLEST NUMBER.		
1892	January	1,577	November	790
1893	August	1,080	November	796
1894	January	1,266	November	761
1895	March	1,053	June	715
1896	August	1,079	November	667
1897	March	1,259	June	769
1898	September	1,147	June	791
1899	February	1,049	June	768
1900	April	1,196	November	769
1901	March	1,132	June	789
1902	December	998	June	805
1903	January	1,006	June	786
1904	April	1,116	July	800
1905	March	1,197	July	768
1906	August	1,133	January	822
1907	March	1,177	July	844
1908	January	1,128	June	818
1909	March	1,178	July	831
1910	March	1,149	June	844
1911	March	1,223	June	791
1912	January	1,052	November	836
1913	March	1,180	July	791
1914	March	1,105	June	817
1915	April	1,279	November	813
1916	February	1,200	November	819
1917	January	1,208	August	746
1918	October	2,708	July	777
1919	January	1,402	July	729

TABLE No. 32.
Deaths in Each Month for the Years 1892-1919.

YEAR.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Not Stated.	Total
1892	1,577	1,292	1,095	1,048	1,045	873	866	938	976	844	790	793	50	12,147
1893	849	845	959	1,037	969	819	823	1,080	975	917	796	1,037	28	11,134
1894	1,266	980	920	993	851	816	865	953	956	821	761	820	10	11,012
1895	906	821	1,053	854	843	715	803	938	1,023	902	743	858	5	10,464
1896	863	921	944	942	961	814	845	1,079	912	833	667	839	6	10,626
1897	916	851	1,259	1,020	892	769	840	1,019	997	999	835	837	2	11,236
1898	887	817	863	915	935	791	814	1,003	1,147	1,034	837	911	2	10,956
1899	1,432	1,049	935	965	899	768	783	1,031	953	882	781	881	11	11,370
1900	903	881	1,095	1,196	1,068	792	879	1,033	1,037	911	769	856	8	11,389
1901	955	1,091	1,132	955	944	789	836	831	970	882	831	897	20	11,133
1902	876	900	929	939	919	805	827	861	911	854	820	998	24	10,673
1903	1,096	944	996	989	930	786	901	865	957	865	831	919	20	11,009
1904	985	1,035	1,030	1,116	1,038	807	807	896	907	909	817	944	12	11,346
1905	981	1,009	1,197	1,023	957	830	768	1,006	1,012	958	824	799	17	11,381
1906	822	853	1,060	985	961	848	885	1,133	1,117	920	885	942	16	11,427
1907	1,118	1,128	1,177	1,069	973	947	844	898	855	932	875	978	9	11,803
1908	1,128	985	1,001	1,045	954	818	820	1,033	1,079	990	890	919	2	11,664
1909	985	887	1,178	1,022	960	838	871	886	912	979	872	945	—	11,295
1910	1,101	1,036	1,149	1,103	1,015	844	913	1,120	1,084	1,034	1,013	1,027	—	12,439
1911	1,094	1,085	1,223	1,057	1,025	791	951	961	886	890	823	938	4	11,731
1912	1,052	1,034	1,047	1,014	980	841	831	873	903	907	836	1,022	—	11,390
1913	1,099	1,064	1,180	982	991	827	791	1,030	976	857	823	931	1	11,552
1914	1,055	997	1,105	1,065	1,065	817	832	874	986	988	920	938	6	11,648
1915	985	894	1,182	1,279	1,065	852	799	879	968	923	813	900	2	11,541
1916	1,168	1,200	1,124	1,082	983	870	835	901	964	920	819	945	1	11,772
1917	1,203	1,153	1,110	976	1,025	822	856	746	812	932	836	931	—	11,407
1918	1,034	954	1,131	1,106	923	807	777	788	1,072	2,708	1,348	1,533	1	14,187
1919	1,402	985	1,060	985	951	765	729	771	822	781	786	884	—	10,919
Total	29,653	27,691	30,184	28,762	27,122	22,780	23,364	26,429	27,169	27,372	23,641	26,227	257	320,651

NOTES ON DEATHS AND CAUSES OF DEATHS. 207

TABLE No. 33.
Age and Mortality.

Under	1 year of age	10.41
From	1-5 years of age	4.09
From	5-10 years of age	1.73
From	10-20 years of age	3.66
From	20-30 years of age	6.53
From	30-40 years of age	6.63
From	40-50 years of age	7.12
From	50-60 years of age	9.78
From	60-70 years of age	15.96
From	70-80 years of age	19.28
From	80-90 years of age	12.54
From	90-100 years of age	2.05
100 years of age and over		0.05
Ages not stated		0.17

TABLE No. 34.
Deaths from Some of the Leading Causes.

DISEASES.	1918.	1919.	More in 1918.	More in 1919.
Measles	102	4	98	—
Scarlet fever	13	11	2	—
Influenza	2,554	589	1,965	—
Whooping cough	58	104	—	46
Diphtheria and croup	59	50	9	—
Typhoid fever	58	44	14	—
Tuberculosis	926	789	137	—
Diarrheal diseases	429	362	67	—
Rheumatism	49	47	2	—
Cancer	834	888	—	54
Diabetes	169	158	11	—
Diseases of nervous system	1,361	1,328	33	—
Diseases of heart	1,557	1,509	48	—
Pneumonia	1,959	1,227	732	—
Bronchitis	145	122	23	—
Nephritis and Bright's disease	792	770	22	—

TABLE No. 35.
Communicable Diseases—Cases and Deaths by Months, 1919.

	January.	February.	March.	April.	May	June.	July.	August.	September.	October.	November.	December.	Total.
Cerebro-spinal meningitis	1	1	—	—	1	—	—	—	1	2	—	—	6
Deaths	1	4	5	—	5	2	—	1	—	—	1	—	23
Chicken pox	17	8	20	17	15	26	28	4	6	4	22	61	228
Deaths	—	—	—	—	1	—	—	2	—	—	—	—	4
Diphtheria	15	11	30	42	24	24	12	18	20	54	58	51	359
Deaths	1	3	5	2	5	1	5	2	1	9	6	10	50
German measles	3	4	3	—	—	—	—	—	—	—	—	4	17
Deaths	—	—	—	—	—	—	—	—	—	—	—	—	—
Infantile paralysis	—	—	—	—	—	—	—	—	—	—	—	—	—
Deaths	1	—	—	—	—	—	—	1	—	1	—	—	3
Measles	3	18	4	1	2	2	7	2	4	1	5	7	56
Deaths	1	1	—	1	1	—	—	—	—	—	—	—	4
Mumps	82	1	16	10	37	20	5	7	11	6	22	40	257
Deaths	—	—	1	1	—	—	—	—	—	—	—	—	2
Pulmonary tuberculosis	34	19	76	80	70	56	91	113	51	43	84	81	793
Deaths	57	66	52	64	78	53	41	52	36	50	44	45	638
Scarlet fever	66	35	84	87	81	75	39	51	47	50	165	109	889
Deaths	—	1	—	—	2	—	—	—	—	1	—	—	11
Small pox	22	56	86	16	14	20	41	39	31	24	57	43	459
Deaths	—	—	—	—	—	—	1	—	—	—	—	—	2
Syphilis	43	100	95	51	57	52	63	76	47	84	77	59	801
Deaths	2	1	1	2	1	3	3	5	2	1	—	—	25
Typhoid fever	3	8	17	5	15	14	26	27	18	49	59	11	252
Deaths	3	3	2	3	2	2	5	5	5	7	3	4	44
Whooping cough	48	4	51	7	12	16	25	20	14	16	108	53	377
Deaths	11	11	11	13	13	6	1	9	5	7	8	9	104
Influenza	2540	360	482	217	23	—	2	2	9	97	24	10	3706
Deaths	269	87	89	39	38	12	10	10	8	9	8	10	589

TABLE No. 35—Continued.
Communicable Diseases—Cases and Deaths by Counties, 1919.

	Androscoggin.	Aroostook.	Cumberland.	Franklin.	Hancock.	Kennebec.	Knox.	Lincoln.	Oxford.	Penobscot.	Piscataquis.	Sagadahoc.	Somerset.	Waldo.	Washington.	York.	Total.	
Cerebro-spinal meningitis	Cases 1	—	2	1	—	—	—	—	—	—	—	—	—	—	—	—	2	6
	Deaths 2	5	1	—	—	2	3	—	3	4	1	—	—	1	—	—	1	21
Chicken pox	Cases 21	—	145	—	6	12	3	—	4	4	2	—	—	—	—	—	12	228
	Deaths 1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
Diphtheria	Cases 63	47	88	1	5	31	14	11	12	31	6	—	—	—	—	—	20	359
	Deaths 3	12	6	—	1	5	1	—	—	5	2	1	3	—	2	—	8	50
German measles	Cases —	—	10	—	—	—	—	—	—	4	2	1	—	—	—	—	—	17
	Deaths —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Infantile paralysis	Cases —	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	3
	Deaths —	—	17	1	2	4	2	—	2	6	4	4	—	10	—	—	5	56
Measles	Cases —	—	—	—	2	1	—	—	—	—	—	—	—	1	—	—	1	4
	Deaths —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mumps	Cases 9	—	62	12	7	—	7	—	—	6	83	15	6	1	25	24	257	2
	Deaths —	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Pulmonary tuberculosis	Cases 142	75	132	8	29	52	32	12	48	69	39	17	24	10	50	59	798	4
	Deaths 54	38	92	8	23	71	32	9	26	75	13	17	79	18	34	49	638	—
Scarlet fever	Cases 56	38	377	69	8	82	22	34	25	84	7	27	11	1	30	18	889	11
	Deaths 2	2	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—
Small pox	Cases 95	181	9	30	—	40	—	25	20	12	3	26	3	13	2	—	459	2
	Deaths —	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Syphilis	Cases 49	14	336	2	19	104	18	1	11	120	10	27	39	19	20	15	804	25
	Deaths 2	2	8	—	—	5	1	—	—	3	—	1	1	1	—	—	—	—
Typhoid fever	Cases 6	17	78	1	2	27	9	—	3	4	34	30	6	5	10	20	252	44
	Deaths 4	2	9	—	1	5	1	—	—	5	5	1	3	3	—	—	—	—
Whooping cough	Cases 24	13	16	4	2	2	1	11	7	2	3	5	2	7	5	60	377	104
	Deaths 470	406	634	19	248	259	158	192	217	196	128	80	86	12	410	191	3706	589
Influenza	Cases 42	110	68	7	24	49	17	17	30	71	14	9	41	21	33	36	589	—
	Deaths —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTES ON DEATHS AND CAUSES OF DEATHS.

TABLE No. 36.
Notifiable Diseases, 1912-1919.

DISEASES.	1912.	1913.	1914.	1915.	1916.	1917.	1918.	1919.	Total
Smallpox	4	2	2	—	—	—	—	2	10
Measles	59	65	40	15	13	147	102	4	445
Scarlet fever	16	17	16	13	4	5	13	11	95
Influenza	93	186	88	210	449	237	2,554	589	4,406
Whooping cough ...	54	35	85	75	126	42	58	104	579
Diphtheria and croup	97	89	91	88	57	74	59	50	605
Tetanus	2	3	7	5	3	11	3	2	36
Typhoid fever	102	93	121	98	83	82	58	44	681

Smallpox.—There were 2 deaths from smallpox in 1919. No deaths were due to this disease from 1892, when our registration went into effect until 1899 when there were three deaths; in 1900, 2; in 1902, 12; in 1903, 7; in 1904, 3. In 1918 as in 1917, 1916, 1915, 1911, 1910, 1909, 1908, 1907, 1906, 1905 and 1901, there were no deaths from smallpox. In 1912 there were 4 deaths from this cause, all children, in 1913, 2 deaths occurred, and 1914, 2 again.

Measles.—This disease caused the death of 4 persons of whom 2 were males and 2 females. The deaths from measles were 29 in 1892, 55 in 1893, 21 in 1894, 8 in 1895, 32 in 1896, 22 in 1897, 41 in 1898, 39 in 1899, 84 in 1900, 26 in 1901, 28 in 1902, 36 in 1903, 22 in 1904, 32 in 1905, 105 in 1906, 33 in 1907, 21 in 1908, 36 in 1909, 95 in 1910, 29 in 1911, 59 in 1912, 65 in 1913, 40 in 1914, 15 in 1915, 13 in 1916, 147 in 1917, and 102 in 1918. The death-rate for the state was .05.

TABLE No. 37.

Measles by Counties, Months, and Age-Periods, 1896-1919.

BY COUNTIES.		BY MONTHS.		BY AGE PERIODS.	
Androscoggin	116	January	108	Under 1	317
Aroostook	181	February	101	1-5	430
Cumberland	171	March	112	5-10	88
Franklin	28	April	134	10-20	76
Hancock	29	May	142	20-30	53
Kennebec	106	June	122	30-40	45
Knox	31	July	108	40-50	39
Lincoln	11	August	58	50-60	25
Oxford	75	September	36	Over 60	50
Penobscot	107	October	58	Not stated	3
Piscataquis	20	November	78		
Sagadahoc	15	December	69	Total	1,126
Somerset	70				
Waldo	23	Total	1,126		
Washington	49				
York	94				
State	1,126				

Scarlet Fever.—The total mortality from this disease was 11, (36 in 1892, 90 in 1893, 29 in 1894, 25 in 1895, 33 in 1896, 38 in 1897, 43 in 1898, 48 in 1899, 35 in 1900, 18 in 1901, 13 in 1902, 18 in 1903, 10 in 1904, 7 in 1905, 5 in 1906, 14 in 1907, 17 in 1908, 32 in 1909, 40 in 1910, 15 in 1911, 16 in 1912, 17 in 1913, 16 in 1914, 13 in 1915, 4 in 1916, 5 in 1917, and 13 for 1918.) The scarlatinal death-rate per 10,000 for this state was 0.14.

TABLE No. 38.
Scarlet Fever by Counties, Months and Age-Periods,
1893-1919.

BY COUNTIES.		BY MONTHS.		BY AGE PERIODS.	
Androscoggin	56	January	49	Under 1	54
Aroostook	92	February	52	1-5	276
Cumberland	70	March	81	5-10	172
Franklin	11	April	60	10-20	72
Hancock	25	May	52	20-30	24
Kennebec	51	June	49	30-40	9
Knox	30	July	27	40-50	3
Lincoln	9	August	26	50-60	4
Oxford	12	September	33	Not stated	1
Penobscot	65	October	54		
Piscataquis	12	November	63	Total	615
Sagadahoc	18	December	59		
Somerset	19				
Waldo	14	Total	615		
Washington	27				
York	104				
State	615				

Influenza.—The death-rate for the whole state was 7.30 for each 10,000 living population (11.43 in 1892, 2.31 in 1893, 4.46 in 1894, 2.30 in 1895, 1.77 in 1896, 4.45 in 1897, 2.19 in 1898, 5.50 in 1899, 3.40 in 1900, 3.83 in 1901, 1.87 in 1902, 2.82 in 1903, 2.39 in 1904, 3.40 in 1905, 1.52 in 1906, 3.85 in 1907, 3.32 in 1908, 2.33 in 1909, 1.68 in 1910, 2.67 in 1911, 1.24 in 1912, 2.47 in 1913, 1.14 in 1914, 2.71 in 1915, 5.74 in 1916, 3.02 in 1917, and 32.00 for 1918.)

TABLE No. 39.

Deaths from Influenza by Counties and Months, 1919.

BY COUNTIES.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	Death-rate per 10,000
	Androscoggin	15	8	7	5	3	1	—	2	—	1	—	—	
Aroostook	28	21	17	10	6	2	1	3	5	5	6	6	110	12.78
Cumberland	45	8	7	2	2	1	1	—	1	—	—	1	68	5.51
Franklin	1	1	4	1	—	—	—	—	—	—	—	—	7	3.49
Hancock	13	4	3	—	1	1	—	—	—	1	1	—	24	6.66
Kennebec	27	8	8	2	1	—	1	1	—	—	—	1	49	7.27
Knox	6	1	3	1	2	1	2	—	—	—	—	1	17	5.80
Lincoln	11	1	—	—	3	—	—	1	—	—	1	—	17	8.87
Oxford	16	3	4	3	2	1	1	—	—	—	—	—	30	7.32
Penobscot	38	8	5	5	10	2	1	1	1	—	—	—	71	7.79
Piscataquis	7	2	5	—	—	—	—	—	—	—	—	—	14	6.40
Sagadahoc	4	—	4	—	—	—	—	—	—	1	—	—	9	3.43
Somerset	24	5	2	3	1	1	1	1	1	1	—	1	41	10.69
Waldo	10	4	3	—	4	—	—	—	—	—	—	—	21	8.83
Washington	11	7	10	3	1	—	1	—	—	—	—	—	33	7.43
York	13	6	7	4	2	2	1	1	—	—	—	—	36	4.87
State	269	87	89	39	38	12	10	10	8	9	8	10	589	7.30

TABLE
Influenza, Combined

DISEASES.	Jan.		Feb.		Mar.		Apr.	
	Whole number of deaths.	Number of deaths involving influenza.	Whole number of deaths.	Number of deaths involving influenza.	Whole number of deaths.	Number of deaths involving influenza.	Whole number of deaths.	Number of deaths involving influenza.
Typhoid fever	3	—	3	1	2	—	3	—
Scarlet fever	—	—	1	—	—	—	—	—
Whooping cough	11	—	11	—	11	—	13	—
Diphtheria and croup	1	—	3	—	5	—	2	—
Tuberculosis of the lungs	57	3	66	5	52	6	64	3
Acute miliary tuberculosis	1	—	—	—	—	—	2	—
Tuberculous meningitis	4	1	5	—	4	—	8	—
Organic diseases of heart	164	5	103	4	124	4	126	2
Pneumonia	296	191	97	47	106	24	90	19
Accidents of pregnancy	7	3	1	—	2	—	1	—
Other accidents of labor	1	1	3	—	3	1	1	1

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with Other Diseases.

May.		June.		July.		Aug.		Sept.		Oct.		Nov.		Dec.	
Whole number of deaths.	Number of deaths involving influenza.	Whole number of deaths.	Number of deaths involving influenza.	Whole number of deaths.	Number of deaths involving influenza.	Whole number of deaths.	Number of deaths involving influenza.	Whole number of deaths.	Number of deaths involving influenza.	Whole number of deaths.	Number of deaths involving influenza.	Whole number of deaths.	Number of deaths involving influenza.	Whole number of deaths.	Number of deaths involving influenza.
2	—	2	—	5	—	5	—	5	—	7	—	3	—	4	—
2	—	—	—	—	—	—	—	—	—	1	—	1	—	6	—
13	—	6	—	1	—	9	—	5	—	7	—	8	—	9	—
5	—	1	—	5	—	2	—	1	—	9	—	6	—	10	—
78	8	53	4	41	4	52	4	36	2	50	5	44	3	45	3
2	—	2	—	—	—	1	—	1	—	—	—	—	—	1	—
11	1	6	—	2	—	7	—	3	—	6	—	3	—	2	—
109	1	104	2	94	1	90	1	102	1	105	2	113	1	111	1
77	14	36	5	20	2	9	—	21	1	33	2	35	—	73	1
—	—	—	—	1	—	—	—	—	—	4	—	—	—	1	—
4	—	1	—	—	—	1	—	1	—	1	—	2	—	1	—

Whooping Cough.—The number of deaths from whooping cough was 104 (54 in 1892, 51 in 1893, 20 in 1894, 82 in 1895, 111 in 1896, 46 in 1897, 44 in 1898, 96 in 1899, 99 in 1900, 28 in 1901, 51 in 1902, 110 in 1903, 54 in 1904, 38 in 1905, 109 in 1906, 72 in 1907, 80 in 1908, 58 in 1909, 104 in 1910, 77 in 1911, 54 in 1912, 35 in 1913, 85 in 1914, 75 in 1915, 126 in 1916, 42 in 1917, and 58 for 1918), of which 52 were males and 52 females. The number of deaths in the cities was 48. Sixty-six of the 104 deaths from this cause were among infants under 1 year of age.

TABLE No. 41.

Whooping Cough by Counties, Months and Age-Periods, 1919.

BY COUNTIES.		BY MONTHS.		BY AGE PERIODS.	
Androscoggin	24	January	11	Under 1	66
Aroostook	13	February	11	1-5	33
Cumberland	16	March	11	5-10	4
Franklin	4	April	13	Over 10	1
Hancock	2	May	13		
Kennebec	—	June	6	Total	104
Knox	2	July	1		
Lincoln	1	August	9		
Oxford	11	September	5		
Penobscot	7	October	7		
Piscataquis	2	November	8		
Sagadahoc	3	December	9		
Somerset	5				
Waldo	2	Total	104		
Washington	7				
York	5				
State	104				

TABLE No. 42.
Diphtheria by Counties and Months, 1919.

COUNTIES	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	Death-rate per 10,000.
Androscoggin	—	—	1	—	—	—	—	—	—	2	—	—	3	0.45
Aroostook	1	1	1	—	1	—	1	—	—	2	4	1	12	1.39
Cumberland	—	—	1	—	—	—	—	2	1	—	1	1	6	0.48
Franklin	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hancock	—	—	—	—	—	—	—	—	—	—	—	1	1	0.27
Kennebec	—	—	—	2	—	—	—	—	—	1	—	2	5	0.74
Knox	—	—	—	—	1	—	—	—	—	—	—	—	1	0.34
Lincoln	—	—	—	—	—	1	—	—	—	—	—	—	1	0.52
Oxford	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Penobscot	—	1	2	—	2	—	—	—	—	—	—	—	5	0.54
Piscataquis	—	—	—	—	—	—	—	—	—	1	—	1	2	0.91
Sagadahoc	—	—	—	—	—	—	—	—	—	—	—	1	1	0.38
Somerset	—	—	—	—	1	—	—	—	—	1	—	1	3	0.78
Waldo	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Washington	—	—	—	—	—	—	2	—	—	—	—	—	2	0.45
York	—	1	—	—	—	—	2	—	—	2	1	2	8	1.08
State	1	3	5	2	5	1	5	2	1	9	6	10	50	0.61

Diphtheria.—There were for the year 1919, 50 deaths from diphtheria. Of the decedents, 29 were males and 21 were females.

Of the 50 deaths, 15 were in the cities, and 35 in other places. The diphtheria death-rate for the state was 0.61, and for the cities, 0.54.

The number of deaths in the cities from diphtheria in 1919 was; Biddeford, 1; Lewiston, 3; Old Town, 2; Portland, 5; Saco, 2; and Waterville, 2.

The special death-rate from the disease was; Biddeford, 0.56; Lewiston, 1.05; Old Town, 2.95; Portland, 0.76; Saco, 2.89; and Waterville, 1.52.

TABLE No. 43.

Diphtheria by Counties, Months and Age-Periods, 1893-1919.

BY COUNTIES.		BY MONTHS.		BY AGE PERIODS.	
Androscoggin	381	January	352	Under 1 year	408
Aroostook	629	February	294	1-5	1,505
Cumberland	627	March	220	5-10	892
Franklin	51	April	218	10-20	369
Hancock	76	May	224	20-30	75
Kennebec	238	June	186	30-40	36
Knox	114	July	183	40-50	26
Lincoln	41	August	200	50-60	17
Oxford	97	September	232	60-70	9
Penobscot	277	October	374	Over 70	9
Piscataquis	37	November	442	Not stated	7
Sagadahoc	94	December	425		
Somerset	119	Not stated	3	Total	3,353
Waldo	36				
Washington	147	Total	3,353		
York	339				
State	3,353				

TABLE No. 44.
Typhoid Fever, 1919.

COUNTIES.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	Death-rate per 10,000.
Androscoggin	1	—	—	—	—	—	—	1	—	1	1	—	4	0.61
Aroostook	—	—	—	—	—	—	—	1	—	—	1	—	2	0.23
Cumberland	2	—	—	1	1	—	1	1	—	2	—	1	9	0.73
Franklin	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hancock	—	—	—	—	—	—	—	1	—	—	—	—	1	0.27
Kennebec	—	—	1	—	—	1	1	—	2	—	—	—	5	0.74
Knox	—	—	—	—	—	—	—	—	1	—	—	—	1	0.34
Lincoln	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Oxford	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Penobscot	—	—	—	—	1	—	—	—	—	2	—	2	5	0.54
Piscataquis	—	—	1	—	—	—	1	—	2	—	—	1	5	2.28
Sagadahoc	—	1	—	—	—	—	—	—	—	—	—	—	1	0.38
Somerset	—	1	—	—	—	1	1	—	—	—	—	—	3	0.78
Waldo	—	1	—	—	—	—	—	—	—	2	—	—	3	1.26
Washington	—	—	—	—	—	—	—	—	—	—	—	—	—	—
York	—	—	—	2	—	—	1	1	—	—	1	—	5	0.67
State	3	3	2	3	2	2	5	5	5	7	3	4	44	0.54

Typhoid Fever.—There were 44 deaths from typhoid fever. Of these 29 were males and 15 were females. As indicative of the loss which the state incurs from typhoid fever, it is well to bear in mind that the age distribution of the decedents shows that the deaths from this disease are principally among those active and productive age-periods when human life is of most value; 82 per cent died between 10 and 50 years of age.

The number of deaths in the cities from typhoid fever in 1919 was; In Augusta, 4; Bangor, 3; Bath, 1; Biddeford 1;

Eastport, 2; Lewiston, 2; Portland, 6; So. Portland, 1; and Westbrook, 1.

The special death-rate from this disease was: In Augusta, 2.74; Bangor, 1.09; Bath, 0.59; Biddeford, 0.56; Eastport, 4.03; Lewiston, 0.70; Portland, 0.91; So. Portland, 1.17; and Westbrook, 1.09.

TABLE No. 45.
Typhoid Fever by Counties, Months and Age-Periods,
1893-1919.

BY COUNTIES.		BY MONTHS.		BY AGE PERIODS.	
Androscoggin	344	January	333	Under 1	24
Aroostook	391	February	288	1-5	161
Cumberland	652	March	360	5-10	237
Franklin	86	April	323	10-20	935
Hancock	152	May	200	20-30	1,262
Kennebec	400	June	241	30-40	656
Knox	110	July	217	40-50	424
Lincoln	70	August	343	50-60	257
Oxford	176	September	511	60-70	169
Penobscot	744	October	567	70-80	91
Piscataquis	107	November	402	Over 80	18
Sagadahoc	78	December	378	Not stated	26
Somerset	151	Not stated	7		
Waldo	101			Total	4,260
Washington	206	Total	4,260		
York	492				
State	4,260				

Malarial Disease.—Nearly every year a few deaths have been reported to the department as having been caused by malaria, or malarial disease. Almost without exception when there was good reason to believe that the deaths had malarial cause, the infection was contracted outside the state. For the year 1910, no deaths were reported as having been caused by malaria, for 1911

only 3; for 1912, 2; for 1913, 4; for 1914, 5; for 1915, 1; for 1916, 1; for 1917, 0; for 1918, 2; and for 1919, 0.

Infantile Paralysis.—An epidemic of infantile paralysis caused 26 deaths in 1916,—12 males and 14 females. In 1917, 5 deaths occurred from this disease, in 1918 there were 7 deaths, while in 1919 there were 3 deaths.

The death-rate per 10,000 from this disease was 0.04.

Cerebrospinal Meningitis.—In 1916, 15 deaths from cerebrospinal meningitis occurred in the state, in 1917 there were 24 deaths, in 1918 there were 31 deaths, while in 1919, 23 deaths were attributed to that cause—16 males and 7 females.

The death-rate per 10,000 from this cause was 0.29.

Pellagra.—In the year 1919 there were 4 deaths from pellagra. In 1918 there were 16 deaths, in 1917, 19 deaths, in 1916, 15 deaths, in 1915, 1914, 1913, there were 10 deaths in each year; in 1912, 4; and 1911, 1. No deaths from that disease were recorded prior to 1911. One of the decedents was a male and 3 were females.

Tuberculosis.—(All Kinds)—The whole number of deaths from tuberculosis (all kinds) in the year 1919 was: In the whole state, 789; in the cities, 381; in the state exclusive of the cities, 545.

In Auburn, 13; Augusta, 29; Bangor, 38; Bath, 15; Belfast, 9; Biddeford, 20; Brewer, 8; Calais, 4; Eastport, 2; Ellsworth, 5; Gardiner, 2; Hallowell, 10; Lewiston, 31; Old Town, 9; Portland, 74; Rockland, 11; Saco, 7; South Portland, 8; Waterville, 14; Westbrook, 10.

The special death-rate from this cause was: In Auburn, 7.66; Augusta, 19.88; Bangor, 13.58; Bath, 8.82; Belfast, 19.48; Biddeford, 11.16; Brewer, 12.47; Calais, 6.54; Eastport, 4.03; Ellsworth, 14.09; Gardiner, 3.77; Hallowell, 33.34; Lewiston, 10.88; Old Town, 13.21; Portland, 11.19; Rockland, 13.43; Saco, 10.00; South Portland, 9.38; Waterville, 10.57; Westbrook, 10.89.

TABLE No. 46.

Tuberculosis (All Kinds) by Counties and Months, 1919.

COUNTIES.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	Death-rate per 10,000.
Androscoggin	4	6	11	6	3	3	4	5	4	4	3	11	64	9.79
Aroostook	9	5	1	5	5	4	1	7	2	5	4	5	53	6.16
Cumberland	10	12	6	15	18	5	6	8	8	14	10	6	118	9.58
Franklin	—	1	—	2	1	—	1	1	1	—	1	2	10	4.99
Hancock	2	3	1	5	6	2	1	2	1	—	3	3	29	8.06
Kennebec	8	7	8	7	11	5	6	9	6	10	4	5	86	12.77
Knox	4	4	5	3	4	—	2	8	2	1	3	1	37	12.64
Lincoln	—	—	—	3	—	1	1	—	—	3	—	1	9	4.70
Oxford	3	4	2	4	1	6	4	3	1	2	3	1	34	8.31
Penobscot	5	6	8	12	12	11	5	5	8	10	7	10	99	10.87
Piscataquis	1	1	1	1	5	3	2	1	—	1	—	—	16	7.33
Sagadahoc	3	2	2	1	4	4	2	—	1	1	1	2	23	8.77
Somerset	9	8	3	9	12	6	7	6	6	10	5	4	85	22.18
Waldo	2	2	4	1	2	3	2	—	3	—	2	2	23	9.68
Washington	3	5	3	1	9	5	2	2	2	1	4	2	39	8.79
York	5	11	4	6	5	9	—	7	4	5	4	4	64	8.66
State	68	77	59	81	98	67	46	64	49	67	54	59	789	9.78

TABLE No. 47.

Tuberculosis (All Kinds) by Sex and Age-Periods, 1919.

SEX.	Under 1.	1-5.	5-10.	10-20.	20-30.	30-40.	40-50.	50-60.	60-70.	70-80.	Over 80.	Not stated.	Total.
Males	11	11	10	24	94	81	63	48	38	22	3	1	406
Females	17	11	3	48	128	68	41	27	27	7	6	—	383
Total	28	22	13	72	222	149	104	75	65	29	9	1	789

TABLE No. 48.
Tuberculosis, 1892-1919.

	<i>Tuberculosis (all kinds)</i>	<i>Death-Rate per 10,000</i>	<i>Pulmonary Tuberculosis</i>	<i>Death-Rate per 10,000</i>
1892	1,513	22.88	1,352	20.24
1893	1,446	21.87	1,299	19.35
1894	1,449	21.92	1,262	18.80
1895	1,397	21.13	1,195	17.71
1896	1,359	20.56	1,172	17.21
1897	1,338	20.30	1,128	16.47
1898	1,239	18.74	1,021	14.85
1899	1,241	17.96	1,015	14.69
1900	1,215	17.50	1,027	14.79
1901	1,250	18.00	1,033	14.87
1902	1,165	16.78	970	13.97
1903	1,076	15.49	901	12.97
1904	1,217	17.52	1,016	14.63
1905	1,109	15.30	894	12.50
1906	1,176	16.36	915	12.73
1907	1,214	16.80	950	13.14
1908	1,145	15.75	893	12.29
1909	1,059	14.49	830	11.36
1910	1,117	15.05	889	11.98
1911	1,054	14.09	842	11.25
1912	995	13.23	780	10.37
1913	977	12.91	736	9.72
1914	931	12.09	712	9.25
1915	933	12.03	730	9.41
1916	885	11.32	716	9.16
1917	887	11.30	718	9.15
1918	926	11.60	721	9.03
1919	789	9.78	638	7.90

TABLE No. 49.
Pulmonary Tuberculosis by Counties and Months, 1919.

COUNTIES.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	Death-rate per 10,000.
Androscoggin	3	3	11	6	3	3	3	4	2	3	3	10	54	8.25
Aroostook	8	5	—	2	4	3	1	6	2	2	1	4	38	4.41
Cumberland	8	10	5	11	14	4	5	6	7	10	8	4	92	7.46
Franklin	—	1	—	2	1	—	1	—	1	—	1	1	8	3.99
Hancock	2	2	1	4	4	1	1	2	—	—	3	3	23	6.39
Kennebec	6	7	8	7	6	4	5	6	6	8	4	4	71	10.54
Knox	4	4	4	1	4	—	2	8	2	—	2	1	32	10.93
Lincoln	—	—	—	3	—	1	1	—	—	3	—	1	9	4.69
Oxford	3	3	1	2	1	4	3	3	1	1	3	1	26	6.35
Penobscot	5	5	6	9	8	7	5	5	3	10	5	7	75	8.23
Piscataquis	—	—	1	1	4	3	2	1	—	1	—	—	13	5.95
Sagadahoc	3	2	2	—	2	4	2	—	1	—	1	—	17	6.48
Somerset	9	8	3	9	12	5	6	6	6	8	4	3	79	20.61
Waldo	1	2	4	—	2	3	2	—	2	—	1	1	18	7.57
Washington	1	4	3	1	9	4	2	2	1	1	4	2	34	7.66
York	4	10	3	6	4	7	—	3	2	3	4	3	49	6.64
State	57	66	52	64	78	53	41	52	36	50	44	45	638	7.9)

Pulmonary Tuberculosis.—In 1918, the whole number of deaths from pulmonary tuberculosis was: In the state, 638; in the cities, 256; in the state, outside the cities, 382. In Auburn, 12; Augusta, 26; Bangor, 34; Bath, 10; Belfast, 7; Biddeford, 18; Brewer, 6; Calais, 3; Eastport, 1; Ellsworth, 3; Gardiner, 2; Hallowell, 9; Lewiston, 23; Old Town, 4; Portland, 58; Rockland, 9; Saco, 6; South Portland, 6; Waterville, 10; Westbrook, 9.

The special death-rate from this cause was: In Auburn

7.07; Augusta, 17.82; Bangor, 12.38; Bath, 5.88; Belfast, 15.15; Biddeford, 10.05; Brewer, 9.35; Calais, 4.91; Eastport, 2.02; Ellsworth, 8.45; Gardiner, 3.77; Hallowell, 30.01; Lewiston, 8.07; Old Town, 5.87; Portland, 8.77; Rockland, 10.99; Saco, 8.58; South Portland, 7.03; Waterville, 7.55; Westbrook, 9.80.

As to the sex, 336 of the decedents were males, and 302 were females.

TABLE No. 50.

Pulmonary Tuberculosis by Sex and Age-Periods, 1919.

SEX.	Under 1.	1-5.	5-10.	10-20.	20-30.	30-40.	40-50.	50-60.	60-70.	70-80.	Over 80.	Not stated.	Total.
Males	3	2	4	15	83	75	57	40	35	19	2	1	336
Females	3	1	1	35	111	59	34	23	24	7	4	—	302
Total	6	3	5	50	194	134	91	63	59	26	6	1	638

TABLE No. 51.

Pulmonary Tuberculosis by Counties, Months and Age-Periods, 1893-1919.

BY COUNTIES.		BY MONTHS.		BY AGE PERIODS.	
Androscoggin	1,965	January	2,146	Under 1	330
Aroostook	1,745	February	2,158	1-5	334
Cumberland	3,674	March	2,539	5-10	208
Franklin	545	April	2,473	10-20	2,819
Hancock	1,239	May	2,454	20-30	7,075
Kennebec	2,302	June	2,061	30-40	4,865
Knox	1,235	July	1,968	40-50	3,192
Lincoln	606	August	1,861	50-60	2,390
Oxford	965	September	1,731	60-70	2,029
Fenobscot	3,057	October	1,864	70-80	1,327
Piscataquis	555	November	1,749	Over 80	347
Sagadahoc	669	December	1,979	Not stated	87
Somerset	1,371	Not stated	17		
Waldo	929			Total	25,003
Washington	1,781	Total	25,003		
York	2,365				
State	25,003				

Cerebral Tuberculosis.—(Tuberculous Meningitis).—The number of deaths was 61; 30 were males and 31 females.

The number for the cities was 29. The death-rate for the state was 0.76; for the cities 1.05.

Abdominal Tuberculosis.—There were 42 deaths from this cause, 19 males and 23 females.

Acute Miliary Tuberculosis.—There were 10 deaths from this cause, 4 males and 6 females.

Rheumatism.—The returns give 47 deaths from this cause, (68 in 1892, 46 in 1893, 66 in 1894, 56 in 1895, 44 in 1896, 42 in 1897, 57 in 1898, 56 in 1899, 56 in 1900, 53 in 1901, 45 in 1902, 58 in 1903, 60 in 1904, 60 in 1905, 54 in 1906, 47 in 1907, 47 in 1908, 45 in 1909, 56 in 1910, 58 in 1911, 65 in 1912, 50 in 1913, 42 in 1914, 41 in 1915, 28 in 1916, and 46 in 1917). 15 were males and 32 females. Sixteen of these deaths were in cities. The special death-rate for this disease was, therefore, 0.58, and that in the cities, was 0.58.

TABLE No. 52.

Rheumatism by Counties, Months and Age-Periods, 1919.

BY COUNTIES.	BY MONTHS.		BY AGE PERIODS.		
Androscoggin	1	January	3	Under 1	—
Aroostook	5	February	4	1-5	1
Cumberland	5	March	6	5-10	3
Franklin	1	April	6	10-20	4
Hancock	2	May	5	20-30	2
Kennebec	3	June	1	30-40	2
Knox	4	July	5	40-50	1
Lincoln	2	August	5	50-60	7
Oxford	2	September	4	60-70	8
Penobscot	6	October	2	70-80	13
Piscataquis	2	November	2	Over 80	6
Sagadahoc	2	December	6	Not stated	—
Somerset	3	Not stated	—		
Waldo	1			Total	47
Washington	2	Total	47		
York	6				
State	47				

TABLE No. 53.
Rheumatism by Counties, Months and Age-Periods,
1893-1919.

BY COUNTIES.		BY MONTHS.		BY AGE PERIODS.	
Androscoggin	74	January	138	Under 1	9
Aroostook	108	February	146	1-5	24
Cumberland	216	March	114	5-10	56
Franklin	30	April	112	10-20	122
Hancock	61	May	127	20-30	82
Kennebec	117	June	80	30-40	91
Knox	68	July	114	40-50	107
Lincoln	48	August	112	50-60	178
Oxford	75	September	94	60-70	273
Penobscot	162	October	96	70-80	305
Piscataquis	45	November	116	Over 80	125
Sagadahoc	40	December	123	Not stated	3
Somerset	72	Not stated	3		
Waldo	62			Total	1,375
Washington	68	Total	1,375		
York	129				
State	1,375				

Cancer.—From Cancer in its various forms and locations there were 888 deaths (404 in 1892, 433 in 1893, 474 in 1894, 480 in 1895, 518 in 1896, 463 in 1897, 531 in 1898, 541 in 1899, 526 in 1900, 570 in 1901, 615 in 1902, 598 in 1903, 611 in 1904, 662 in 1905, 617 in 1906, 737 in 1907, 710 in 1908, 727 in 1909, 762 in 1910, 738 in 1911, 828 in 1912, 838 in 1913, 823 in 1914, 811 in 1915, 844 in 1916, 821 in 1917 and 834 for 1918. Of the decedents 350 were males and 538 were females. The cancer death-rate for the state was 11.01.

TABLE No. 54.
Cancer by Sex and Age-Periods, 1919.

SEX.	Under 1.	1-5.	5-10.	10-20.	20-30.	30-40.	40-50.	50-60.	60-70.	70-80.	Over 80.	Not stated.	Total.
Males	—	1	1	2	5	5	25	66	101	94	50	—	350
Females	—	1	1	3	6	30	64	104	151	115	63	—	538
Total	—	2	2	5	11	35	89	170	252	209	113	—	888

TABLE No. 55.
Cancer, 1919 and 1893-1919.

COUNTIES.	1919.		1893-1919.		AGE GROUPS.	Number of deaths.	
	Number of deaths.	Death-rate per 10,000.	Number of deaths.	Mean death-rate per 10,000.		1919.	1893-1919.
Androscoggin	70	10.71	1,484	9.52	Under 1	—	19
Aroostook	56	6.51	777	4.15	1-5	2	35
Cumberland	153	12.43	3,116	10.80	5-10	2	22
Franklin	30	14.98	520	10.26	10-20	5	64
Hancock	39	10.84	885	8.97	20-30	11	213
Kennebec	58	8.61	1,021	9.76	30-40	35	860
Knox	65	22.21	903	11.17	40-50	89	2,200
Lincoln	25	13.05	592	11.23	50-60	170	3,708
Oxford	37	9.04	809	8.66	60-70	252	4,892
Penobscot	111	12.19	2,051	9.28	70-80	209	4,291
Piscataquis	15	6.87	379	7.53	Over 80 years	113	1,641
Sagadahoc	32	12.21	532	9.82	Not stated	—	55
Somerset	41	10.70	873	9.19		—	—
Waldo	33	13.88	627	9.46	Total	888	18,000
Washington	47	10.59	986	8.23			
York	76	10.29	1,845	10.15			
State	888	11.01	18,000	9.17			

TABLE No. 56.
Cancer, 1909-1919.

	1909.	1910.	1911.	1912.	1913.	1914.	1915.	1916.	1917.	1918.	1919.
Cancer of buccal cavity	28	29	23	26	20	31	35	30	38	33	40
Cancer of stomach and liver	286	288	289	325	280	306	301	301	296	292	311
Cancer of the peritoneum intes- tines and rectum	97	109	117	151	178	131	134	161	117	146	143
Cancer of female genital organs ..	108	105	121	120	124	136	99	124	140	125	147
Cancer of breast	62	77	65	61	79	77	66	71	66	77	87
Cancer of skin	39	38	22	30	31	26	30	30	26	28	42
Cancer of other organs and of organs not specified	107	116	101	115	126	116	146	127	138	123	118
Cancer totals	727	762	738	828	838	823	811	844	821	831	838

Centenarians.—Among the persons whose decease occurred in 1919, three women and three men had exceeded the age of 100 years. Their names together with a few facts relating to their life history is as follows:

Mary D. Goddard, widow of Robert Goddard, died in Brunswick, January 23, 1919, aged 108 years, 10 months, and 13 days. She was born in Durham, March 10, 1810, the daughter of David Douglas and Waite Hawkes. Cause of death senility.

Fannie Kirby, widow of Rober Kirby, died in Allen, November 14, 1919, aged 100 years, 4 months, and 7 days. She was born in Miramichi, July 7, 1819, the daughter of John Green and Phoebe Mitchell. Cause of death, senility.

Johannah Farrell, whose parentage is unknown, died in Lewiston, Mar. 16, 1919, aged 100 years. She was born in Ireland. Cause of death, acute bronchitis and senility.

Simon H. Smith, son of William H. Smith and Sarah Mabury, died in East Dixfield, June 6, 1919, aged 102 years, 2 months, and 20 days. He was born in Gorham, Me., October 17, 1816. Cause of death unknown.

Ebenczer C. Leighton, died in Mt. Vernon, December 21, 1919, aged 102 years, 10 months, and 24 days. He was the son of David Leighton and Lydia Rogers and was born in Mt. Vernon, January 27, 1817. Cause of death acute bronchitis and arteriosclerosis.

John Bureligh, son of John Bureligh and Ella Lolley, died in Masardis, July 19, 1919. He was born in Prince Edward Island, July 17, 1818. Cause of death, old age.

TABLE No. 57.

Old Age.

COUNTIES.	Deaths.	Rate per 10,000.	COUNTIES.	Deaths.	Rate per 10,000.
Androscoggin	391	59.82	Oxford	271	66.21
Aroostook	279	32.44	Penobscot	653	71.71
Cumberland	857	69.55	Piscataquis	119	54.48
Franklin	145	72.42	Sagadahoc	180	68.67
Hancock	303	84.18	Somerset	265	69.15
Kennebec	524	77.79	Waldo	217	91.30
Knox	306	104.54	Washington	295	66.46
Lincoln	174	90.84	York	467	63.22

Diabetes.—The deaths from this cause numbered 158 (55 in 1892, 65 in 1893, 71 in 1894, 77 in 1895, 67 in 1896, 95 in 1897, 88 in 1898, 95 in 1899, 74 in 1900, 87 in 1901, 83 in 1902, 92 in 1903, 91 in 1904, 115 in 1905, 121 in 1906, 107 in 1907, 116 in 1908, 129 in 1909, 127 in 1910, 174 in 1911, 149 in 1912, 128 in 1913, 147 in 1914, 167 in 1915, 136 in 1916, 215 in 1917, and 169 in 1918.) The special death-rate from diabetes was, therefore, 1.95 in 1919.

Diseases of the Nervous System and of Organs of Special Sense.—The number of deaths, registered under this cause included in this group was 1,344 (1,459 in 1892, 1,451 in 1893, 1,543 in 1894, 1,585 in 1895, 1,520 in 1896, 1,661 in 1897, 1,607 in 1898, 1,728 in 1899, 1,652 in 1900, 1,615 in 1901, 1,600 in 1902, 1,641 in 1903, 1,578 in 1904, 1,648 in 1905, 1,524 in 1906, 1,731 in 1907, 1,624 in 1908, 1,543 in 1909, 1,672 in 1910, 1,540 in 1911, 1,548 in 1912, 1,465 in 1913, 1,465 in 1914, 1,541 in 1915, 1,524 in 1916, 1,463 in 1917, and 1,362 in 1918), or 16.65 to every 10,000 of population.

Apoplexy.—From this cause 977 deaths occurred (488 in 1892, 422 in 1893, 408 in 1894, 488 in 1895, 492 in 1896, 555 in 1897, 558 in 1898, 629 in 1899, 583 in 1900, 595 in 1901, 674 in 1902, 712 in 1903, 714 in 1904, 751 in 1905, 718 in 1906, 825 in 1907, 802 in 1908, 817 in 1909, 887 in 1910, 860 in 1911, 930 in 1912, 851 in 1913, 926 in 1914, 932 in 1915, 998 in 1916, 1,005 in 1917, and 925 in 1918). 443 males and 534 females. Of these 347 were in the cities. The State's death-rate from apoplexy was, therefore, 12.11; that of the cities, 12.59.

TABLE No. 58.
Apoplexy by Sex and Age-Periods, 1919.

SEX.	Under 1.	1-5.	5-10.	10-20.	20-30.	30-40.	40-50.	50-60.	60-70.	70-80.	80-90.	Over 90.	Not stated.	Total.
Males	2	—	—	2	1	6	22	55	126	150	71	7	1	443
Females .	2	—	—	1	—	3	26	59	118	176	125	24	—	534
Total	4	—	—	3	1	9	48	114	244	326	196	31	1	977

TABLE No. 59.
Apoplexy, 1919 and 1896-1919.

COUNTIES.	1919.		1893. 1919.	1896. 1919.
	Number of deaths.	Death-rate per 10,000.	Number of deaths.	Mean death-rate per 10,000.
Androscoggin	76	11.63	1,619	10.96
Aroostook	33	3.84	664	3.91
Cumberland	159	12.90	3,336	11.86
Franklin	31	15.48	613	12.49
Hancock	46	12.78	919	9.77
Kennebec	99	14.70	2,069	12.99
Knox	56	19.13	1,069	14.13
Lincoln	28	14.62	617	12.27
Oxford	47	11.48	958	10.46
Penobscot	125	13.73	2,104	10.07
Piscataquis	33	15.11	424	9.00
Sagadahoc	38	14.50	676	12.21
Somerset	49	12.79	1,031	11.51
Waldo	38	15.99	800	12.96
Washington	48	10.81	972	8.36
York	71	9.61	2,136	12.18
State	977	12.11	20,034	10.63

Softening of the Brain.—From Cerebral softening there were 17 deaths—those of 8 males and 9 females.

Paralysis.—Of the 92 deaths from paralysis, 48 persons were males and 44 females.

Epilepsy.—Seventeen males and 12 females died of epilepsy, 29 in all.

Tetanus.—This disease was the cause of 2 deaths (7 in 1892, 10 in 1893, 6 in 1894, 10 in 1895, 8 in 1896, 2 in 1897, 4 in 1898, 11 in 1899, 7 in 1900, 5 in 1901, 7 in 1902, 11 in 1903, 14 in 1904, 7 in 1905, 4 in 1906, 7 in 1907, 6 in 1908, 5 in 1909, 11 in 1910, 9 in 1911, 2 in 1912, 3 in 1913, 7 in 1914, 5 in 1915, 3 in 1916, 11 in 1917, and 3 in 1918). There was 1 male and 1 female.

Diseases of the Heart.—From diseases of the heart, including those from endocarditis, pericarditis, angina pectoris, and organic diseases of the heart, there were, 1,509 deaths (816 in 1892, 875 in 1893, 940 in 1894, 948 in 1895, 1,036 in 1896, 1,062 in 1897, 1,132 in 1898, 1,028 in 1899, 1,045 in 1900, 1,076 in 1901, 1,097 in 1902, 1,153 in 1903, 1,191 in 1904, 1,222 in 1905, 1,246 in 1906, 1,381, in 1907, 1,284 in 1908, 1,330 in 1909, 1,380 in 1910, 1,348 in 1911, 1,292 in 1912, 1,442 in 1913, 1,484 in 1914, 1,145 in 1915, 1,381 in 1916, 1,617 in 1917, and 1,557 in 1918.)

TABLE No. 60.
Heart Disease, 1919.

DISEASES.	Under 1.	1-10.	10-20.	20-40.	40-60.	Over 60.	Not stated.	Males.	Females.	Total.
Pericarditis	—	—	—	1	—	2	—	1	2	3
Endocarditis	1	3	4	8	10	7	—	18	15	33
Organic diseases of the heart	2	7	21	54	183	1,076	2	723	622	1,345
Angina pectoris	—	—	—	4	27	97	—	77	51	128
Total	3	10	25	67	220	1,182	2	819	690	1,509

TABLE No. 61.
Heart Disease, 1919.

COUNTIES.	Number of deaths.	Rate.	COUNTIES.	Number of deaths	Rate.
Androscoggin	98	14.99	Oxford	75	18.32
Aroostook	62	7.20	Penobscot	169	18.55
Cumberland	254	20.61	Piscataquis	37	16.93
Franklin	45	22.47	Sagadahoc	51	19.45
Hancock	79	21.94	Somerset	74	19.31
Kennebec	149	21.97	Waldo	69	29.03
Knox	72	24.59	Washington	86	19.37
Lincoln	56	29.23	York	133	18.00
			State	1,509	18.70

TABLE No. 62.
Heart Disease by Sex and Age-Periods, 1919.

SEX.	Under 1.	1-5.	5-10.	10-20.	20-30.	30-40.	40-50.	50-60.	60-70.	70-80.	Over 80.	Not stated.	Total.
Males	2	3	3	14	9	18	37	84	215	269	163	2	819
Females	1	2	2	11	8	32	34	65	140	216	179	—	690
Total	3	5	5	25	17	50	71	149	355	485	342	2	1,509

Diseases of the Respiratory System.—Without the inclusion of tuberculosis, 1,441 persons died from the various respiratory diseases, (1,760 in 1892, 1,407 in 1893, 1,312 in 1894, 1,165 in 1895, 1,141 in 1896, 1,347 in 1897, 1,124 in 1898, 1,455 in 1899, 1,513 in 1900, 1,405 in 1901, 1,380 in 1902, 1,348 in 1903, 1,428 in 1904, 1,391 in 1905, 1,330 in 1906, 1,497 in 1907, 1,334 in 1908, 1,509 in 1909, 1,664 in 1910, 1,421 in 1911, 1,452 in 1912, 1,443 in 1913, 1,455 in 1914, 1,446 in 1915, 1,446 in 1916, 1,513 in 1917, and 2,196 in 1918).

Pneumonia.—The number of deaths registered under this cause was 1,227 (1,431 in 1892, 1,143 in 1893, 1,023 in 1894, 812 in 1895, 781 in 1896, 936 in 1897, 769 in 1898, 1,067 in 1899, 1,067 in 1900, 994 in 1901, 987 in 1902, 999 in 1903, 1,050 in 1904, 1,053 in 1905, 970 in 1906, 1,153 in 1907, 1,068 in 1908, 1,120 in 1909, 1,246 in 1910, 1,071 in 1911, 1,105 in 1912, 1,146 in 1913, 1,148 in 1914, 1,074 in 1915, 1,124 in 1916, 1,236 in 1917, and 1,959 in 1918), of which 644 were males and 583 were females.

TABLE No. 63.
Pneumonia by Sex and Age-Periods, 1919.

SEX.	Under 1.	1-5.	5-10.	10-20.	20-30.	30-40.	40-50.	50-60.	60-70.	70-80.	80-90.	Over 90.	Not stated.	Total.
Males ...	112	51	12	32	55	75	66	51	69	82	33	4	2	644
Females	69	46	10	26	53	58	32	38	72	103	69	7	—	583
Total	181	97	22	58	108	133	98	89	141	185	102	11	2	1,227

The death-rate from this disease was, therefore, 15.20 per 10,000, (21.56 in 1892, 17.27 in 1893, 15.47 in 1894, 12.28 in 1895, 11.81 in 1896, 14.16 in 1897, 11.62 in 1898, 15.44 in 1899, 15.36 in 1900, 14.31 in 1901, 14.21 in 1902, 14.39 in 1903, 15.12 in 1904, 14.73 in 1905, 13.50 in 1906, 15.95 in 1907, 14.69 in 1908, 15.32 in 1909, 16.78 in 1910, 14.31 in 1911, 14.70 in 1912, 15.13 in 1913, 14.92 in 1914, 13.84 in 1915, 14.30 in 1916, 15.75 in 1917, and 24.56 in 1918).

TABLE No. 64.

Pneumonia by Counties and Months with Death-Rate per 10,000, 1919.

COUNTIES.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	Death-rate per 10,000.
Androscoggin	23	16	18	11	7	—	1	2	10	3	9	12	112	17.13
Aroostook	25	9	13	20	12	4	5	1	4	11	7	5	116	13.48
Cumberland	46	12	16	26	13	14	11	3	6	8	6	21	182	14.77
Franklin	7	4	4	1	1	—	1	1	—	—	—	4	23	11.48
Hancock	17	6	2	4	6	1	—	—	1	2	—	2	41	11.39
Kennebec	39	11	17	13	8	6	6	1	5	3	9	11	129	19.15
Knox	5	3	4	4	7	4	—	—	—	—	2	5	34	11.61
Lincoln	14	4	—	1	7	—	1	—	—	—	—	—	27	14.09
Oxford	17	2	4	9	8	3	2	—	1	—	3	10	59	14.41
Penobscot	42	14	20	15	12	4	—	1	—	8	9	11	136	14.93
Piscataquis	14	11	5	3	4	1	—	1	3	—	2	3	47	21.51
Sagadahoc	8	4	1	3	4	1	—	2	4	—	6	6	39	14.87
Somerset	26	9	10	4	6	1	—	—	2	2	4	3	67	17.48
Waldo	14	2	2	1	1	2	2	1	—	—	2	2	29	12.20
Washington	21	6	17	12	4	5	3	—	2	6	3	7	86	19.37
York	10	13	24	8	10	5	2	—	2	11	1	14	100	13.53
State	328	126	157	135	110	51	34	13	40	54	63	116	1,227	15.20

TABLE No. 65.
Pneumonia, 1893-1919.

BY COUNTIES.	BY MONTHS.	BY AGE PERIODS.
Androscoggin 2,469	January 4,026	Under 1 4,658
Aroostook 2,044	February 3,798	1-5 2,850
Cumberland 4,637	March 4,259	5-10 580
Franklin 762	April 3,705	10-20 981
Hancock 1,415	May 2,749	20-30 1,608
Kennebec 2,818	June 1,469	30-40 1,857
Knox 950	July 741	40-50 1,970
Lincoln 656	August 614	50-60 2,442
Oxford 1,459	September 959	60-70 3,817
Penobscot 3,686	October 1,975	70-80 4,894
Piscataquis 647	November 2,049	Over 80 3,575
Sagadahoc 803	December 2,973	Not stated 96
Somerset 1,344	Not stated 11	—————
Waldo 885	—————	Total 29,328
Washington 1,658	Total 29,328	
York 3,095		
State 29,328		

The number of deaths from pneumonia in the year 1919 was: In the state, 1,227; in the cities, 456; in the state exclusive of the cities, 771. In Auburn, 30; Augusta, 64; Bangor, 50; Bath, 21; Belfast, 4; Biddeford, 21; Brewer, 8; Calais, 23; Eastport, 8; Ellsworth, 6; Gardiner, 3; Hallowell, 2; Lewiston, 50; Old Town, 8; Portland, 90; Rockland, 12; Saco, 5; South Portland, 9; Waterville, 20; Westbrook, 22.

The special death-rate from pneumonia was: In the state, 15.20; in the cities, 16.55.

In Auburn, 17.69; Augusta, 43.80; Bangor, 18.21; Bath, 12.35; Belfast, 8.66; Biddeford, 11.72; Brewer, 12.47; Calais, 37.61; Eastport, 16.13; Ellsworth, 16.91; Gardiner, 5.65; Hallowell, 6.67; Lewiston, 17.55; Old Town, 11.74; Portland, 13.60; Rockland, 14.65; Saco, 7.15; South Portland, 10.55; Waterville, 15.11; Westbrook, 23.96.

Bronchitis.—From this cause, including both acute and chronic bronchitis, 122 deaths were registered (287 in 1892, 197 in 1893, 209 in 1894, 225 in 1895, 220 in 1896, 237 in 1897, 210 in 1898, 233 in 1899, 262 in 1900, 222 in 1901, 241 in 1902, 209 in 1903, 223 in 1904, 218 in 1905, 187 in 1906, 190 in 1907, 154 in 1908, 214 in 1909, 229 in 1910, 204 in 1911, 205 in 1912, 161 in 1913, 164 in 1914, 179 in 1915, 163 in 1916, 171 in 1917, and 145 in 1918). Among these decedents 59 were males and 63 were females.

TABLE No. 66.
Bronchitis, 1919.

COUNTIES.	January.	February.	March.	April.	May	June.	July.	August.	September.	October.	November.	December.	Total.	Death-rate per 10,000.
Androscoggin	1	—	2	1	—	—	—	—	1	2	—	—	7	1.07
Aroostook	1	—	—	1	—	—	1	1	1	—	2	—	7	0.81
Cumberland	3	1	2	—	1	1	2	1	2	5	1	—	19	1.54
Franklin	1	1	—	2	—	1	—	—	—	—	—	1	6	3.00
Hancock	1	—	1	—	—	—	—	1	—	—	1	1	5	1.39
Kennebec	2	1	3	4	—	—	2	1	2	—	1	1	17	2.52
Knox	1	1	1	—	—	—	—	—	—	—	—	2	5	1.71
Lincoln	1	—	—	—	1	—	—	—	—	1	—	—	3	1.57
Oxford	—	—	—	2	1	—	—	—	1	—	—	—	4	0.98
Penobscot	2	1	4	1	2	—	—	—	—	1	—	1	12	0.13
Piscataquis	—	—	—	—	1	—	—	—	—	—	—	—	1	0.46
Sagadahoc	1	1	—	—	—	—	—	—	—	—	—	—	2	0.76
Somerset	—	—	1	—	1	1	—	—	—	—	2	—	5	1.30
Waldo	—	1	—	—	1	—	—	1	—	2	—	1	6	2.52
Washington	—	—	—	1	—	1	—	2	—	1	—	1	6	1.35
York	1	3	4	2	1	1	1	1	1	1	1	—	17	2.30
State	15	10	18	14	9	5	6	8	8	13	8	8	122	1.51

Of these 122 deaths, 41 were in the cities. The death-rate for the state was 1.51; for the cities, 1.49.

The following shows the age-distribution of the decedents from this disease.

Under 1 year,	28	40-50 years,	1
1-5 years,	11	50-60 years,	4
5-10 years,	1	60-70 years,	13
10-20 years,	2	70-80 years,	30
20-30 years,	1	Over 80 years,	31
30-40 years,	0		

Pleurisy.—Nineteen deaths were charged to this disease (18 in 1892, 19 in 1893, 14 in 1894, 19 in 1895, 19 in 1896, 26 in 1897, 17 in 1898, 24 in 1899, 28 in 1900, 24 in 1901, 16 in 1902, 17 in 1903, 24 in 1904, 21 in 1905, 17 in 1906, 26 in 1907, 10 in 1908, 32 in 1909, 22 in 1910, 22 in 1911, 27 in 1912, 23 in 1913, 21 in 1914, 12 in 1915, 23 in 1916, 23 in 1917, and 10 in 1918), 12 males and 7 females.

Diseases of the Digestive System.—The combined mortality from this group of diseases was 777 (659 in 1892, 653 in 1893, 685 in 1894, 693 in 1895, 679 in 1896, 673 in 1897, 651 in 1898, 1,411 in 1899, 1,411 in 1900, 1,202 in 1901, 873 in 1902, 1,087 in 1903, 1,076 in 1904, 1,303 in 1905, 1,366 in 1906, 1,063 in 1907, 1,450 in 1908, 1,215 in 1909, 1,420 in 1910, 1,190 in 1911, 1,011 in 1912, 1,192 in 1913, 1,138 in 1914, 1,074 in 1915, 1,116 in 1916, 853 in 1917, and 893 in 1918), or a death-rate of 9.63.

Diarrheal Diseases.—The total number of deaths caused by the diseases under this group was 362 (662 in 1892, 642 in 1893, 602 in 1894, 635 in 1895, 639 in 1896, 666 in 1897, 854 in 1898, 662 in 1899, 805 in 1900, 684 in 1901, 476 in 1902, 566 in 1903, 514 in 1904, 719 in 1905, 868 in 1906, 493 in 1907, 862 in 1908, 601 in 1909, 851 in 1910, 585 in 1911, 485 in 1912, 633 in 1913, 541 in 1914, 521 in 1915, 548 in 1916, 352 in 1917, and 429 in 1918).

The death-rate from this group of diseases was 4.48 per 10,000.

Infantile Diarrhea.—This as synonymous with diarrhea and enteritis (under 2 years) was the cause of 242 deaths (546 in 1892, 507 in 1893, 468 in 1894, 523 in 1895, 520 in 1896, 528 in 1897, 669 in 1898, 565 in 1899, 680 in 1900, 567 in 1901, 360 in 1902, 403 in 1903, 369 in 1904, 551 in 1905, 652 in 1906, 375 in 1907, 682 in 1908, 483 in 1909, 693 in 1910, 451 in 1911, 309 in 1912, 481 in 1913, 395 in 1914, 364 in 1915, 429 in 1916, 236 in 1917, and 286 in 1918).

TABLE No. 67.

Diarrhea and Enteritis (under 2 years) by Counties and Months, 1919.

COUNTIES.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	Death-rate per 10,000.
Androscoggin	1	—	—	—	—	2	3	3	8	3	3	2	25	3.82
Aroostook	2	—	1	3	2	3	9	38	41	8	3	3	113	13.13
Cumberland	1	2	1	2	2	—	2	7	7	3	—	1	28	2.27
Franklin	—	—	—	—	1	1	—	—	1	1	1	—	5	2.49
Hancock	—	—	—	—	—	—	—	—	3	—	—	—	3	0.83
Kennebec	1	—	—	1	—	—	—	2	2	1	—	1	8	1.30
Knox	—	—	—	—	3	—	—	—	—	—	—	—	3	1.02
Lincoln	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Oxford	—	1	1	—	—	—	1	—	3	—	—	2	8	1.95
Penobscot	—	—	—	—	1	—	—	1	4	1	—	—	7	0.80
Piscataquis	1	1	—	—	—	—	—	1	1	—	—	—	4	1.83
Sagadahoc	1	—	1	—	—	1	1	4	—	2	—	—	10	3.05
Somerset	—	—	—	1	—	—	1	2	2	1	1	1	9	2.34
Waldo	—	—	—	—	—	—	—	—	—	2	—	—	2	0.84
Washington	2	1	—	—	1	1	1	2	—	1	—	—	9	2.02
York	—	—	1	—	1	1	—	—	1	1	2	1	8	1.08
State	9	5	5	7	11	9	18	60	73	24	10	11	242	3.02

TABLE No. 68.

Diarrhea and Enteritis (under 2 years) by Counties, Months and Age-Periods, 1893-1919.

BY COUNTIES.		BY MONTHS.		BY AGE PERIODS.	
Androscoggin	1,619	January	215	Under 6 mos.	7,107
Aroostook	3,137	February	178	6-12 mos.	4,030
Cumberland	1,489	March	221	1-2 years	1,638
Franklin	200	April	224	Unknown	23
Hancock	283	May	256		
Kennebec	1,132	June	332	Total	12,798
Knox	250	July	1,478		
Lincoln	59	August	3,990		
Oxford	422	September	3,722		
Penobscot	1,109	October	1,556		
Piscataquis	140	November	370		
Sagadahoc	243	December	242		
Somerset	381	Not stated	3		
Waldo	123				
Washington	690	Total	12,798		
York	1,521				
State	12,798				

TABLE No. 69.

Diarrhea and Enteritis (under 2 years) in the Cities,
1912-1919.

CITIES.	1912.	1913.	1914.	1915.	1916.	1917.	1918.	1919.	Total.
Auburn	10	9	8	9	1	10	4	2	53
Augusta	11	18	13	9	16	5	4	2	78
Bangor	5	8	5	5	6	2	7	—	38
Bath	8	3	3	2	1	1	9	9	36
Belfast	3	—	1	2	1	—	—	—	7
Biddeford	19	29	20	10	22	14	10	4	128
Brewer	—	2	5	3	1	2	1	—	14
Calais	3	8	6	—	3	1	—	3	24
Eastport	2	1	5	5	2	1	4	1	21
Ellsworth	—	—	—	1	—	—	—	—	1
Gardiner	2	1	1	1	1	1	1	—	8
Hallowell	1	1	2	2	1	—	—	—	7
Lewiston	45	37	39	25	41	33	16	16	252
Old Town	1	5	4	8	3	1	1	4	26
Portland	22	27	30	17	46	20	19	17	198
Rockland	—	4	4	3	1	—	3	2	17
Saco	5	5	8	2	5	3	4	1	33
South Portland	1	3	1	—	1	7	2	1	16
Waterville	12	4	12	3	4	7	8	4	54
Westbrook	8	2	6	3	11	3	3	6	42
Total	158	167	173	110	167	111	96	72	1,053

Peritonitis.—There were 4 deaths from this cause (129 in 1892, 151 in 1893, 137 in 1894, 125 in 1895, 116 in 1896, 117 in 1897, 102 in 1898, 83 in 1899, 105 in 1900, 99 in 1901, 81 in 1902, 55 in 1903, 63 in 1904, 90 in 1905, 59 in 1906, 60 in 1907, 64 in 1908, 59 in 1909, 62 in 1910, 36 in 1911, 36 in 1912, 22 in 1913, 40 in 1914, 32 in 1915, 13 in 1916, 19 in 1917, and 14 in 1918), 2 males and 2 females.

TABLE No. 70.
Peritonitis, 1919.

BY COUNTIES.		BY MONTHS.		BY AGE PERIODS.	
Androscoggin	1	January	1	Under 1	—
Aroostook	—	February	1	1-5	1
Cumberland	1	March	—	5-10	—
Franklin	—	April	—	10-20	—
Hancock	—	May	—	20-30	1
Kennebec	—	June	—	30-40	—
Knox	—	July	—	40-50	—
Lincoln	—	August	1	50-60	2
Oxford	—	September	—	60-70	—
Penobscot	—	October	—	70-80	—
Piscataquis	—	November	1	Over 80	—
Sagadahoc	—	December	—		—
Somerset	1			Total	4
Waldo	—	Total	4		
Washington	—				
York	1				
State	4				

Appendicitis.—Of the deaths classified under this cause, 100 in number, 52 were males and 48 females.

Cirrhosis of the Liver.—Thirty-nine deaths were ascribed to cirrhosis of the liver—those of 22 men and 17 women. Of these 39 deaths, 11 were in the cities, and 28 were in the rural parts of the state. The death-rate in the state from this one cause was 0.48 per 10,000 (0.19 in 1892, 0.18 in 1893, 0.29 in 1894, 0.50 in 1895, 0.33 in 1896, 0.45 in 1897, 0.58 in 1898, 0.52 in 1899, 0.79 in 1900, 0.63 in 1901, 0.63 in 1902, 0.92 in 1903, 0.56 in 1904, 0.62 in 1905, 0.60 in 1906, 0.82 in 1907, 0.89 in 1908, 0.75 in 1909, 0.79 in 1910, 0.41 in 1911, 0.65 in 1912, 0.75 in 1913, 0.68 in 1914, 0.74 in 1915, 0.81 in 1916, 0.67 in 1917, and 0.38 in 1918).

Nonvenereal Diseases of the Genitourinary System and Annexa.—There were 908 deaths referred to the diseases under this group, equivalent to a death-rate of 11.25.

Nephritis.—Acute nephritis caused the death of 61 persons, 30 males and 31 females. The death-rate from nephritis was, therefore, 0.76.

**Bright's Disease.*—This was the cause of 709 deaths (204 in 1892, 217 in 1893, 219 in 1894, 234 in 1895, 282 in 1896, 231 in 1897, 250 in 1898, 262 in 1899, 443 in 1900, 471 in 1901, 523 in 1902, 573 in 1903, 575 in 1904, 599 in 1905, 652 in 1906, 661 in 1907, 600 in 1908, 595 in 1909, 714 in 1910, 768 in 1911, 694 in 1912, 665 in 1913, 780 in 1914, 782 in 1915, 784 in 1916, 808 in 1917, and 717 in 1918). 374 males and 335 females. Of these deaths, 291 were in the cities.

TABLE No. 71.

Bright's Disease by Sex and Age-Periods, 1919.

SEX.	Under 1.	1-5.	5-10.	10-20.	20-30.	30-40.	40-50.	50-60.	60-70.	70-80.	Over 80.	Total.
Males	—	—	2	3	5	9	37	59	92	111	56	374
Females	1	—	—	—	5	10	21	50	85	97	66	335
Total	1	—	2	3	10	19	58	109	177	208	122	709

* This title includes: Chronic, albuminous interstitial or parenchymatous nephritis; albuminuria; amyloid or fatty degeneration of the kidney; steatosis of the kidney; renal sclerosis. Also includes when their precise nature is not indicated, uremia; uremic eclampsia; uremic delirium; uremic coma.

TABLE No. 72.

Bright's Disease 1919.

COUNTIES.	Number of deaths.	Rate.	COUNTIES.	Number of deaths.	Rate.
Androscoggin	67	10.24	Penobscot	77	8.46
Aroostook	37	4.30	Piscataquis	6	2.75
Cumberland	140	11.36	Sagadahoc	19	7.24
Franklin	16	7.99	Somerset	37	9.65
Hancock	32	8.88	Waldo	24	10.09
Kennebec	54	8.02	Washington	35	7.88
Knox	36	12.30	York	79	10.69
Lincoln	15	7.83			
Oxford	35	8.55	State	709	8.79

The Puerperal State.—Under this class of accidents and diseases of reproduction, 99 deaths were registered, not including puerperal fever (69 in 1892, 50 in 1893, 41 in 1894, 36 in 1895, 56 in 1896, 62 in 1897, 51 in 1898, 40 in 1899, 50 in 1900, 52 in 1901, 69 in 1902, 94 in 1903, 72 in 1904, 51 in 1905, 76 in 1906, 80 in 1907, 66 in 1908, 56 in 1909, 63 in 1910, 99 in 1911, 65 in 1912, 72 in 1913, 60 in 1914, 87 in 1915, 109 in 1916, 87 in 1917, and 124 in 1918). This is equivalent to a special death-rate of 1.23.

Suicide.—Within the year 117 persons took their own lives (59 in 1892, 59 in 1893, 39 in 1894, 66 in 1895, 81 in 1896, 71 in 1897, 56 in 1898, 93 in 1899, 66 in 1900, 81 in 1901, 73 in 1902, 77 in 1903, 107 in 1904, 84 in 1905, 85 in 1906, 87 in 1907, 121 in 1908, 94 in 1909, 79 in 1910, 100 in 1911, 110 in 1912, 99 in 1913, 112 in 1914, 118 in 1915, 110 in 1916, 107 in 1917, and 106 in 1918). 87 males and 30 females.

Deaths from External Causes.—Under this class there were 621 deaths.

Absorption of deleterious gases (conflagration excepted) caused 12 deaths.

Accidental drowning caused 85 deaths.

The number of deaths referred to food poisoning was 13. All due to ptomaine poisoning.

Acute poisoning caused 20 deaths. These deaths distributed under the various toxic agencies were as follows: Strychnine; 4; mercury, 4; arsenic, 1; wood alcohol, 2; other poisons, 9.

Burns and scalds caused 27 deaths—10 were from clothing taking fire; 6 scalded with hot water; 2 playing with matches; 4 from explosion of kerosene; 1 from steam; 1 from fire cracker; 3 were unspecified.

Of the 119 deaths caused by other crushing (vehicles, railroads, landslides, etc.) 49 were caused by steam railroad accident, 4 by electric railroad, 46 by automobile, 12 by other vehicle, 1 by undermining earth, and 7 by other means.

TABLE No. 73.
Suicides by Counties, Months and Age-Periods, 1919.

COUNTIES.	Rate per 10,000 of population.		MONTHS.	AGE PERIODS.		
Androscoggin	9	1.37	January	4	10-20	4
Aroostook	7	0.81	February	9	20-30	15
Cumberland	15	1.21	March	7	30-40	14
Franklin	1	0.49	April	14	40-50	20
Hancock	10	2.77	May	11	50-60	28
Kennebec	10	1.48	June	16	60-70	14
Knox	9	3.07	July	21	70-80	14
Lincoln	6	3.13	August	7	Over 80	7
Oxford	4	0.97	September	5	Unknown	1
Penobscot	14	1.53	October	9		—
Piscataquis	2	0.91	November	8	Total	117
Sagadahoc	4	1.52	December	6		
Somerset	10	2.60		—		
Waldo	4	1.68	Total	117		
Washington	6	1.35				
York	6	0.81				
State	117	1.45				

TABLE No. 74.
Table of Infant Mortality, 1919.

AGE PERIODS.	Number of deaths.	*Rate of mortality.
Under 1 day	35	2.3
Under 1 week	181	11.9
Under 2 weeks	41	2.6
Under 3 weeks	42	2.7
Under 4 weeks	40	2.6
Under 2 months	127	8.3
Under 3 months	131	8.6
Under 4 months	108	7.1
Under 5 months	95	6.2
Under 6 months	66	4.3
Under 9 months	149	9.7
Under 1 year	122	8.0

* The infant mortality rates in this table are based upon the total number of births in 1919. The number is 15,205.

TABLE No. 75.

Infantile Mortality for Cities with Rates, 1916-1919.

CITIES.	BIRTHS.				DEATHS. (under 1 year.)				* RATE PER 1,000			
	1916.	1917.	1918.	1919.	1916.	1917.	1918.	1919.	1916.	1917.	1918.	1919.
Auburn	267	272	264	184	30	30	15	18	112.4	110.3	56.8	97.8
Augusta	343	334	300	262	42	28	15	15	122.4	83.8	50.0	57.2
Bangor	450	469	469	435	50	46	55	30	111.1	98.1	117.3	68.9
Bath	202	222	286	320	9	18	27	22	44.1	81.1	94.4	68.8
Belfast	78	73	79	78	6	8	5	1	76.9	109.6	63.0	12.8
Biddeford	439	441	484	488	53	43	67	29	120.7	97.5	133.4	59.4
Brewer	123	114	135	131	10	12	14	13	81.3	105.2	103.7	99.2
Calais	107	104	96	92	10	11	10	11	93.4	105.7	104.0	119.4
Eastport	105	91	109	89	9	7	8	7	85.7	76.9	73.4	78.6
Ellsworth	44	54	47	37	2	5	7	4	45.5	92.6	148.4	108.1
Gardiner	94	79	104	79	2	5	11	3	53.2	63.3	105.8	37.9
Hallowell	51	22	41	41	4	2	2	—	78.4	90.9	48.6	—
Lewiston	756	776	751	743	104	81	61	66	137.5	104.4	81.2	88.8
Old Town	167	184	138	151	19	15	21	9	113.8	81.5	152.2	59.6
Portland	1,352	1,367	1,516	1,479	133	94	126	99	98.3	68.8	83.1	66.9
Rockland	125	142	147	148	9	8	8	14	72.0	56.3	54.4	94.6
Saco	103	80	111	75	20	8	12	9	194.1	100.0	108.1	119.9
South Portland ...	178	202	195	180	7	20	14	10	39.3	99.0	71.8	55.5
Waterville	334	279	317	287	30	38	41	19	89.8	136.2	129.3	66.2
Westbrook	223	242	247	210	24	19	21	19	107.6	78.5	85.0	90.5

* The infant mortality rates in this table are based upon the number of births in these cities.

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