

PUBLIC HEALTH REPORTS.

VOL. XXVI.

DECEMBER 22, 1911.

No. 51.

UNITED STATES.

MUNICIPAL ORDINANCES, RULES, AND REGULATIONS PERTAINING TO PUBLIC HYGIENE.

[Adopted since January 1, 1910.]

SYRACUSE, N. Y.

COMMUNICABLE DISEASES—DEFINITION, NOTIFICATION, LABORATORY DIAGNOSIS,
SCHOOL ATTENDANCE, ISOLATION, IN ANIMALS, DISPOSAL OF DEAD, DISINFECTION.

SEC. 2. *Definition*.— * * * *Contagious diseases*.—Any disease of an infectious, contagious, or pestilential nature, more especially referring to cholera, smallpox, diphtheria, typhoid, cerebro-spinal, spotted, relapsing, or scarlet fevers, puerperal pyemia, puerperal septicemia, puerperal erysipelas, pulmonary tuberculosis, measles, German measles, whooping cough, mumps, chicken pox, erysipelas, and other diseases that shall be declared by the commissioner dangerous to the public health.

SEC. 5. *Contagious diseases and regulations in regard thereto*.—The following regulations shall be observed in the case of contagious diseases:

Subdivision A. *Reporting cases*.—Every physician who has been called to attend or prescribe for any person having or suspected of having a contagious disease shall immediately report the same to the commissioner, and shall report to the commissioner in writing within 24 hours after he has been called to attend such person, the name and location of the patient and the nature and state of the disease. When a case of contagious disease, or suspected contagious disease, is not brought to the knowledge of a physician, the parent, guardian, or other person or persons in whose care, control, or custody the person having or suspected of having such contagious disease may be shall make such report.

Within 24 hours from the time a case of diphtheria has been discovered there shall be sent to the municipal laboratory, in tubes provided by the commissioner for the purpose, and in the manner set forth in the boxes containing said tubes, a specimen of exudate from the throat of the patient or patients reported to have diphtheria, or suspected diphtheria, and the city bacteriologist shall cause to be made a culture thereof, and report the same to the physician in charge and to the commissioner.

Every owner or keeper of any lodging house, boarding house, or hotel, and the owner, agent, or lessee of any tenement house or part thereof, whenever any person in such house is known to be sick of any infectious or pestilential or contagious disease, shall give immediate notice thereof to the commissioner in case a physician has not been called.

Subdivision B. *Moving patients*.—Without a permit of the commissioner no patient sick with contagious disease shall be moved from one building to another.

Subdivision C. *Schools and school children*.—No teacher, parent, or custodian of any minor child shall permit any such child having any contagious disease, or any child residing in any house in which any such disease exists or has recently existed, to attend any university, public or private school, Sunday school, church, factory, or any other place of assembly, or ride in a street car or other public conveyance, until the child or person and the house in which such child or person resides shall be certi-

fied by the commissioner to be free from the contagious power of the disease. Every room in every building used for school purposes must be provided with a thermometer, and the temperature of said room shall be kept so that the thermometer placed 4 feet above the floor on an inside wall shall not register above 70° F. in cool weather.

Subdivision E. Isolation.—All communications with any house or family infected with scarlet fever, smallpox, or diphtheria, and such other diseases as may be declared at any time by the commissioner dangerous or a menace to public health, is hereby forbidden except to physicians, nurses, or messengers, to carry necessary advice, medicine, and provisions, and to such other persons as may be necessary to render aid within said house for the support or assistance of said family. The health officer shall order isolation or absolute quarantine in such cases, or wherever he deems necessary, and take such other quarantine measures as he deems necessary in cases not above provided for.

In cases of isolation a sign or placard of suitable size, bearing plainly legible letters designating the name of the disease existing therein, shall be fixed on a conspicuous place near the main entrance of the house or building, and shall remain there until its removal is ordered by the health officer. Such sign or placard shall not be removed by any person unless authorized by the commissioner. In case the placard is removed by accident or without authority, the head of the family forthwith shall notify the commissioner.

Subdivision F. Contagious disease in animals.—No person shall bring into the city or shall sell or offer for sale any animal having a contagious disease or which has been exposed to it and which is liable to carry infection from such contagious disease.

Subdivision G. Giving notice of contagious disease in animals.—Veterinary surgeons or other persons shall give notice to the commissioner of animals affected by tuberculosis or other contagious disease within 24 hours after the same is discovered. They shall also give notice of suspected cases of such disease.

Sec. 6. * * * Subdivision B. Disposal of the dead.—It shall be the duty of every undertaker employed in the burial, transfer, or other disposition of the dead body of any person who has died of smallpox, diphtheria, scarlet fever, measles, typhus fever, Asiatic cholera, whooping cough, mumps, or any other disease that may be declared dangerous to the public health by the commissioner, where no physician's certificate has been furnished, to give immediate notice thereof to the commissioner. No undertaker shall retain or expose, nor cause to be retained or exposed, nor assist in the public funeral of the body of any human being who has died from any of the diseases above mentioned. The dead body of any human being having died of smallpox, diphtheria, scarlet fever, typhus fever, or Asiatic cholera immediately after death shall be disinfected by wrapping the entire body in a sheet wet with disinfecting solution, and it shall then be inclosed in a tightly closed coffin, which shall not thereafter be opened, and no person shall allow to be retained unburied such dead body for a longer time than 24 hours after the death of such person without a permit from the commissioner, which permit shall specify the length of time during which such body may be retained unburied. The funeral of such person shall be strictly private, and in the removal of such body for burial, or otherwise, hearses only shall be employed, and such body shall not be placed in any public receiving vault or chapel.

Subdivision D. Disinfecting.—All rooms or apartments occupied by any person sick of any contagious disease, immediately upon the death, removal, or recovery of such person, shall be thoroughly cleansed and disinfected, as the commissioner may direct, and all clothing, beds, bedding, or infected articles used by, or in caring for, such sick person, likewise shall be cleansed and disinfected, or in extreme cases destroyed, as the commissioner may direct. [Ordinance adopted Mar. 27, 1911.]

TRENTON, N. J.

COMMUNICABLE DISEASES—NOTIFICATION, ISOLATION, SCHOOL ATTENDANCE, FUNERALS, DISINFECTION, VACCINATION.

Physicians and others to report contagious diseases. **Sec. 46.** That every physician shall within 12 hours after the first professional attendance upon any person in said city who is suffering from scarlet fever, diphtheria, smallpox or varioloid, cholera, typhoid fever, typhus fever, or yellow fever, chickenpox, cerebro spinal meningitis, whooping cough, or measles, or any other contagious, infectious, or communicable disease which may hereafter be publicly declared by the board of health to be preventable and especially dangerous to the public health, give notice thereof to this board particularly setting forth the name, age, and address of such person, and the nature of his or her illness. Furthermore, that pulmonary tuberculosis is hereby declared to be an infectious and communicable disease and dangerous to the public health; and it shall be the

duty of every physician in the city to report to the health department in writing the name, birthplace, age, sex, occupation, and last address of every person having such disease who may be attended by or who has come under the observation of such physician within one week after the diagnosis has been made. And it shall be the duty of the commissioner or managers or principal, superintendent, or physician of every public or private institution or dispensary in this city to report to the health department in writing, or to cause such report to be made by some proper and competent person, the name, birthplace, age, sex, occupation, and last address of every person afflicted with the disease, who is in their care, or who has come under their observation, within one week after making diagnosis. That it shall be the duty of every person sick with the pulmonary tuberculosis and of the authorities of public or private institutions or dispensaries to observe and enforce all sanitary rules and regulations of the health department for preventing the spread of such disease.

SEC. 47. That every attending physician shall, within 12 hours next after the death of any person in this city who shall have died of any of the diseases mentioned in the next preceding section, give written notice thereof to this board, particularly setting forth the name, age, and address of such sick person, the date of his or her death, and the nature of his or her sickness, and such report shall be independent of the regular certificate of death required by law.

SEC. 48. No person while suffering from any of the diseases hereinbefore mentioned in section 46 shall willfully expose himself or herself without proper precautions against spreading the said disease in any street, public place, shop, inn, or public conveyance, or shall enter any public conveyance in said city without previously notifying the owners, occupant or tenant, conductor or driver thereof, that he is so suffering.

SEC. 49. That no person while being in charge of any person suffering from any of the diseases hereinbefore mentioned in section 46 shall willfully expose such sufferer, without proper precautions against spreading the disease, in any street, public place, shop, inn, or public conveyance in this city, or shall enter any public conveyance in said city without previously notifying the conductor, owner, occupant, tenant, or driver thereof that he is in charge of the person so suffering.

SEC. 50. That any person who, within this city, gives, lends, sells, transmits, or exposes without previous disinfection, any bedding, clothing, rags, or other things which have been exposed to infection from any of the diseases hereinbefore mentioned in section 46, shall forfeit and pay a penalty hereinafter prescribed: *Provided*, that no proceedings under this section shall be taken against any person transmitting with proper precaution any bedding, clothing, rags, or other things, for the purpose of having the same disinfected.

Contagious diseases in schools. SEC. 51. That no principal, teacher, or superintendent of any school, or any parent or guardian of any person suffering from any of the diseases hereinbefore mentioned in section 46, shall knowingly permit any person to attend any school in said city while so suffering.

SEC. 52. That it shall be the duty of any principal or teacher of any private or public day school, night school, or Sunday school within said city to report to the board of health the name and residence of any child affected with any contagious or infectious disease hereinbefore mentioned in section 46 who shall present himself or herself for attendance at such school.

SEC. 53. That it shall be the duty of the principal to exclude from attendance at school any child so affected, and other children who may belong to the same family, until such time as the said board of health shall issue a written permit providing for the readmission of such child or children in said school.

SEC. 54. That every person, being a parent or guardian, or having the care, custody or control of any minor or other individual, shall, to the extent of any means, power, and authority of said parent, guardian, or other person that could properly be used or exerted for such purpose, cause and procure such minor or individual to be so promptly, frequently, and effectively vaccinated that such minor or individual shall not take or be liable to take the smallpox.

Funerals of persons dying with contagious diseases. SEC. 55. That every undertaker who shall be called upon to take charge of the body of any person who shall have died of smallpox, diphtheria, scarlet fever, yellow fever, typhus fever, or Asiatic cholera, or any other contagious or pestilential disease, shall warn the family of such person that no public funeral will be allowed, that every precaution must be taken to prevent the spread of the disease, and that no person or persons, excepting those in direct attendance upon the deceased, must be admitted to the room where the body may be. And any person offending against any of the provisions of this section shall forfeit and pay a penalty hereinafter prescribed.

SEC. 56. That every undertaker who shall be called upon to take charge of the body of any person who shall have died of smallpox, diphtheria, scarlet fever, yellow fever, typhus fever, or Asiatic cholera, or any other contagious or pestilential disease, shall at once remove all clothing from the body of the deceased, wash the dead body with a solution of bichloride of mercury, 1-500, wrap said body in a sheet saturated with a solution of the bichloride of mercury, 1-500, and immediately place said body in a coffin, which shall be immediately and permanently sealed with some material or preparation approved by the board; and no undertaker shall retain or expose or assist in the retention or exposing of the dead body of any such person except when it is so treated and inclosed.

SEC. 57. That every undertaker who shall be called upon to take charge of the body of any person who shall have died of smallpox, diphtheria, scarlet fever, yellow fever, typhus fever, or Asiatic cholera, or any other contagious or pestilential disease, shall bury the body of such person at the earliest possible moment, which time shall in no one case be longer than 24 hours after such undertaker is so called upon.

SEC. 58. That there shall not be a public or church funeral of any person who shall have died of smallpox, diphtheria, scarlet fever, yellow fever, typhus fever, or Asiatic cholera, but the funeral of such person shall be private, and it shall not be lawful to invite or permit at the funeral of any person who has died of any of the above diseases, or of any contagious or pestilential disease, or at any services connected therewith, any person whose attendance is not necessary.

SEC. 59. That every undertaker having notice of the death of any person within said city from the diseases named in section 58, or any other contagious disease dangerous to the general health of the community, or of the bringing of the dead body of any person who has died of any such disease into such city, shall forthwith give notice thereof to the board of health.

Contagious diseases in houses. SEC. 62. In case of any of the diseases mentioned in section 46, or any other contagious, infectious, or communicable disease, in the city of Trenton, the persons affected thereby shall, at the discretion of this board, be isolated, or they may be removed to such locality as this board may order and direct; and all buildings, clothing, property, and premises and vehicles which may become infected by the presence of persons affected by such contagious, infectious, or other communicable disease, shall be disinfected, and such disinfections or fumigations shall be made and performed in such manner and with such materials and within such stated time and under such supervision as this board may direct; and this board may establish such preparations and isolation or quarantine of the sick from other persons not necessary as attendants, and also provide and effect such special care, disinfection, and cleansing of property and premises as shall, in the judgment of the board, be needed in order to prevent the spreading of such diseases to other persons. And it shall be the duty of the health officer, and he is hereby authorized and empowered, to enforce the provisions of this section, and he may employ and call such assistants as may be necessary to enforce the same.

SEC. 63. Whenever the quarantine has been established by the board of health upon or in any house within said city in which contagious or infectious disease exists by placards affixed to said house, such quarantine and all provisions thereof shall be maintained and obeyed by all persons until the recovery or death of the person or persons affected with any such disease has been reported to the said department and until the said house has been thoroughly disinfected and until such disinfection has been approved and such placards have been removed by said department, and no other persons shall remove said placards. In the event of the occurrence of scarlet fever the quarantine shall extend over a period of not less than three weeks from the date of appearance of such disease. Two weeks after this disinfection of any house so quarantined has been approved and such quarantine has been released by the board of health of the said city a written permit may be issued by said board authorizing the readmission to school of any child or children in such house: *Provided*, That no other case or cases of contagious disease shall have appeared in such house in the meantime.

SEC. 64. That it shall be the duty of every person knowing of any individual in said city sick of any contagious disease and the duty of every physician hearing of any such sick person whom he shall have reason to think requires the attention of this department, to at once report the facts to the board of health; and no person shall interfere with or obstruct the entrance, inspection, or examination of any house by the inspectors and officers of this board when there has been reported the case of any person sick with contagious disease therein, or they have reason to believe that such disease exists. [Art. I, Sanitary Code, adopted Aug. 1, 1910.]

PITTSBURGH, PA.

BARBER SHOPS AND BARBERS—REGULATION OF.

SEC. 1. Be it ordained and enacted by the city of Pittsburgh, in select and common councils assembled, and it is hereby ordained and enacted by the authority of the same, that every barber shop in the city of Pittsburgh shall be conducted in accordance with the following regulations:

(a) Every barber or other person in charge of any barber shop shall keep said barber shop at all times in a cleanly and sanitary condition.

(b) No person shall use any barber shop as a sleeping room or dormitory.

(c) Every barber or other person in charge of any barber shop shall supply running hot and cold water and shall use hot-water tanks for no other purpose than that of heating water.

(d) Every barber or other person in charge of any barber shop shall sterilize all mugs, shaving brushes, razors, needles, clippers, shears, forceps, and other metal instruments immediately after each and every separate use thereof.

(e) Every barber or other person in charge of any barber shop shall use a separate and clean towel for every person and shall, while serving said person, wear a washable apron or coat.

(f) Every barber or other person in charge of any barber shop shall use alum, or other material to stop the flow of blood, in powdered or liquid form only.

(g) No barber or other person in charge of any barber shop shall use sponges or powder puffs, or feather or hair dusters, without first cleansing thoroughly the same.

(h) No barber having any contagious or infectious disease shall serve any customer, nor shall he serve customers having such a disease.

(i) Every barber or other person in charge of any barber shop in the city of Pittsburgh shall post a copy of this ordinance in a conspicuous place in said barber shop.

SEC. 2. Any person or persons who shall fail, neglect, or refuse to comply with, or who shall, upon conviction thereof in a summary conviction proceeding before any police magistrate or alderman in the city of Pittsburgh, be sentenced to pay a fine of not more than \$10, and in default of payment thereof to be imprisoned in the county jail for a period of not more than 10 days.

SEC. 3. The department of public health of the city of Pittsburgh is hereby authorized and empowered to enforce the provisions of this ordinance. [Ordinance adopted Mar. 27, 1911.]

ST. PAUL, MINN.

BARBER SHOPS AND BARBERS—REGULATION OF.

SEC. 1. Each person conducting a barber shop in the city of St. Paul shall keep said shop and the furniture therein in a sanitary condition, and provide the shop with hot and cold water.

SEC. 2. Each razor, brush, mug, cake of soap, comb, scissors, or other utensil, except strops, used therein, shall be sterilized before every separate use thereof by being immersed in boiling water, and each strop used therein shall be sterilized daily.

SEC. 3. Clean towels shall be supplied for and used upon each person shaved therein, and each towel or piece of linen used therein shall be sterilized by boiling the same before each separate use thereof.

SEC. 4. Every barber therein shall cleanse his hands thoroughly, immediately before serving each customer.

SEC. 5. Alum or other material used therein to stop the flow of blood shall be in liquid or powdered form only.

SEC. 6. No powder puffs or sponges shall be applied to any customer therein.

SEC. 7. Each such barber shop shall be open to the inspection of the officers of the department of health of said city during business hours.

SEC. 8. That a copy of this ordinance shall be kept posted in a conspicuous place therein.

SEC. 9. Any person violating any of the provisions of this ordinance shall be deemed guilty of a misdemeanor and upon conviction thereof shall be punished by a fine of not less than \$5 nor more than \$25, or by imprisonment for not less than 5 days nor more than 30 days for each offense. [Ordinance adopted May 16, 1911.]

SYRACUSE, N. Y.

MILK—PRODUCTION, CARE, AND SALE.

Sec. 9. Sale of milk and cream.—The following regulations are established in regard to the sale of milk and cream:

Subdivision A. License necessary.—No person shall sell, peddle, or deliver milk or cream or ice cream within the city of Syracuse unless and until he shall first obtain a license so to do from the commissioner.

Subdivision B. No owner, lessee, or occupant of any restaurant, saloon, hotel, boarding house, café, ice-cream rooms, or of any store or place whatsoever shall purchase milk or cream or use, sell, or dispose of any milk, cream, or ice cream (made from such milk or cream) from any person not having a license as herein provided, unless (in case such vender has no license) such owner, lessee, or occupant shall first obtain a license or permission to purchase, use, sell, or dispose from the commissioner as herein provided.

Subdivision C. Application for milk or cream license.—Every person applying for such license shall do so upon a blank furnished by the commissioner; said applicant shall state his name, residence, and the location of the farm or other place where his cows, or the cows from which he obtains his milk or cream are kept or maintained, and the name and residence of any person or persons from whom the applicant shall at the time be obtaining milk or cream to be sold within the city, and such other information relating to the source of supply and the quality of milk or cream to be sold as the commissioner or health officer may require; and such applicant, if license be granted, and within 24 hours from the time that he begins to obtain his milk or cream from a new source, shall report to the commissioner in writing the name of the person from whom he obtains milk or cream other than the one named in the application.

Subdivision D. Inspection.—Upon application being made to the commissioner it shall be referred to the dairy inspector, who shall investigate the dairies referred to in the application. No one shall receive a license to sell milk or cream in the city of Syracuse from a dairy which the dairy inspector reports in writing is not entitled to receive a total score of 65 per cent or better, or less than 20 per cent in any one feature of the score, using the score card adopted by the Dairy Division of the Bureau of Animal Industry of the United States Department of Agriculture, modified as per copy which, marked "Exhibit A," is annexed to and makes a part of these ordinances.

Any license may be revoked whenever the total score made in writing by the dairy inspector falls below 65 per cent.

Subdivision E. Restrictions on sale.—Excepting the case of "skimmed milk," which is hereafter provided for, no person shall bring into the city for sale, or shall sell or offer for sale, any milk—

1. Containing more than 88 per cent of water or fluids.
2. Containing less than 11.5 per cent of milk solids.
3. Containing less than 3 per cent of fats.
4. From which any part of the cream has been removed.
5. Having lactometer reading less than 29.
6. Containing any boric acid or salicylic acid, formaldehyde, or other foreign chemicals.
7. Containing bacteria of any kind, more than 250,000 per cubic centimeter.
8. Drawn from any cow having a contagious or communicable disease.
9. Drawn from any cow within 15 days before or 5 days after parturition.
10. Having a temperature over 60° or which has been stored at a temperature higher than 50° F.

Subdivision F. No person shall—

1. Deliver, sell, offer for sale or have in his possession for the purpose of sale any milk or cream in any receptacle unless such receptacles have been thoroughly washed and sterilized before being last filled, and no bottles or glass jars shall be filled except in a milk room approved by the health officer.

2. Sell, offer, or expose for sale milk or cream from any vehicles unless such vehicle bears in a conspicuous place a metal sign for the current year issued annually by the commissioner, bearing the year, license number, and name of business, and in case milk is sold from cans or vessels where no vehicle is used, unless such license number shall be placed in a conspicuous place on each can or vessel. No milk or cream shall be sold from any store or shop except from bottles filled as above provided and kept at a temperature of less than 50° F.

3. Keep milk in a living or sleeping room or in any room which is not kept clean at all times or in which the plumbing is not constructed in accordance with the plumbing requirements of the city; or keep milk in any cans not made of well-tinned iron, with the inner surface smooth and free from rust.

4. *Pasteurized milk and cream.*—Pasteurized milk and cream, besides being subject to the foregoing regulations, shall also be subject to the following: All farms supplying milk to pasteurizing plants or creameries that sell pasteurized milk or cream, or both, shall be subject to the regulations already prescribed for all other farms. By pasteurized milk or cream is meant milk or cream which has been heated with a purpose of destroying the germ content of the same. All pasteurized milk or cream shall be so labeled. Pasteurized milk or cream shall not contain more than 50,000 bacteria per cubic centimeter. All pasteurizing plants shall be subject to inspection and must be approved by the health officer.

5. *Inspected milk.*—Any person or firm or corporation may be granted a special permit by the health officer to sell milk as inspected milk and may advertise the same as such provided all the said milk is produced by cows that have passed the tuberculin test within one year; that the farm and dairy in which said milk is produced shall have a score of at least 90 as scored by the city dairy inspector; that all such milk while in storage or transportation until delivered to the consumer shall be kept at a temperature below 50° F., and shall not contain more than 50,000 bacteria per cubic centimeter, or contain less than 34 per cent butter fat. No animals shall be bought into the herd that have not passed the tuberculin test within one month. Any animals that react to the tuberculin test shall not be kept on farms producing inspected milk. All tuberculin tests made in compliance with this regulation shall be made by or under the direction of the State department of agriculture and the records of the tests of each individual animal must be kept at the farm for reference. Farms or dairies producing inspected milk shall be inspected monthly by the dairy inspector, who shall make a written report of his findings to the health officer, and any milk sold as inspected milk shall be examined monthly by the bacteriologist, who shall also report his findings in writing to the health officer. The health officer shall revoke any special permit granted to any party to sell inspected milk when the prescribed regulations for the same are not maintained. The production and sale of inspected milk shall also be subject to the regulations prescribed for ordinary milk. No milk shall be sold or offered for sale as sanitary or inspected milk except in compliance with and pursuant to above-prescribed regulations.

6. *Cream.*—Cream that is not separated from clean, pure milk, or to which any foreign substance whatsoever has been added, or that contains more than 500,000 bacteria per cubic centimeter, or that has been kept in storage for more than four days, shall be considered as adulterated. Adulterated cream shall not be sold or offered for sale. Cream shall not be sold or offered for sale that contains less than 18 per cent butter fat. All creameries, dairies, and other premises used for separating cream from milk shall be open to the inspection of and shall meet with the approval of the health officer.

7. *Ice cream.*—No ice cream or other substance shall be sold, offered, or exposed for sale as ice cream or labeled or implied as such that does not comply with the provisions of this section or unless the milk and cream used in its manufacture complies with all the regulations prescribed for ordinary milk and cream.

Ice cream must contain at least 12 per cent butter fat. It shall be maintained continuously at a temperature of 32° F., or below after it is frozen. It shall be free from all preservatives, including all forms of soda and formalin. Each package shall have a label placed in a conspicuous place in plain letters as large as standard typewriter size, giving the date upon which it was made and the name of the manufacturer. This label must remain continuously upon said package until the ice cream contained therein is used. Ice cream that is refrozen or that shall be more than four days old shall be considered as adulterated. Adulterated ice cream shall not be sold or offered for sale.

Ice cream and all other frozen substances, ices, and soda fountain drinks, sold, offered, or exposed for sale as food or beverage shall be made from pure, clean, and wholesome materials; shall be sold or delivered in clean, sanitary packages or containers; and the premises where such substances are made or prepared shall be open to the inspection of and shall meet with the approval of the health officer.

Subdivision G. *Sale of skimmed milk.*—No person shall sell or offer for sale any milk from which the cream has been removed, or which contains less than 9 ³/₁₀ per cent of milk solids, unless in a conspicuous place, above the center, and on the outside of every vessel in which said milk is sold or kept, the words "Skimmed milk" are distinctly marked in letters thereon of such size and character as the commissioner or his milk inspector may direct. The restrictions contained in the last subdivision, E, paragraphs numbered 6 to 10, inclusive, shall apply to the sale of skimmed milk.

Subdivision H. *Further requirements.*—

1. No person shall remove from any dwelling in which exists any contagious disease any bottles or other receptacles which have been or which are to be used for containing or storing milk, except by permission of the health officer.

2. No person shall use any milk or cream tickets more than once.

3. Every person using in the sale or distribution of milk or cream a delivery wagon or other vehicle, shall keep the same at all times in a cleanly condition and free from any substance liable to contaminate or injure the purity of the milk. Whenever necessary to keep contents thereof at or below 60° F., he shall carry a quantity of ice sufficient for this purpose.

4. Every person knowing the fact shall report immediately to the commissioner, in writing, any case of diphtheria, scarlet fever, typhoid fever, or smallpox on the premises where milk is produced, handled, or sold.

Subdivision I. *Inspection of milk, cream, or ice cream.*—Inspection of milk or cream in all dairies and of all milk, cream, or ice cream or ice-cream vendors shall be made under the direction of the milk inspectors authorized by the commissioner, and all persons selling, exchanging, or exposing milk for sale, or having in his possession milk, cream, or ice cream for sale, delivery, or exchange, either on his own account or for any other person, shall at all times furnish to the said milk inspectors of the city and permit such inspectors to take from them samples as they may require, and such samples shall be given or permitted to be taken at such time or place as may be demanded by the said inspectors for the purpose of testing the same. Every such sample of milk so delivered to any of the milk inspectors shall have a label attached to the vessel containing such sample, which shall have written thereon, at the time of the delivery of such sample, the number of the dealer's license, the number of the sample, the date of collection, and the name of the inspector, and a memorandum shall be made by the inspector collecting such sample of the number of the sample, the name of the owner or driver from whom collected, and a duplicate of the sample sealed, in a bottle or vessel, shall be delivered to the person from whom such sample is taken. [Ordinance adopted Mar. 27, 1911.]

TRENTON, N. J.

MILK—PRODUCTION, CARE, AND SALE.

SEC. 1. No milk shall hereafter be produced, sold, exposed for sale or delivered within the city of Trenton unless it is produced and handled in accordance with the requirements of this article.

SEC. 2. No person, corporation, or association of persons shall sell or deliver or have in possession for sale or delivery in the city of Trenton any milk without first obtaining from the board of health a permit for such sale or delivery.

SEC. 3. No permit, as required in the next preceding section, shall be issued by the board of health until there shall be paid to the said board of health for the issuing thereof and for a proper inspection and supervision of the sale of milk the sum of \$2.

SEC. 4. That each permit to be granted as set forth in the two sections next preceding shall continue for the term of one year from the 1st day of January preceding the date of granting the same: *Providing, however,* That any person or corporation taking out such permit after the 1st of January in any year shall be required to pay for such permit only for that portion of the calendar year which said license has to run, and that said persons so licensed shall have two signs on each of their milk wagons, one on either side and outside of said wagons, where they can be readily seen, in the form prescribed by the health officer of the said board of health: *Provided,* That if any person so licensed as aforesaid, or any of his employees, servants, or agents, shall violate any ordinance or rule of the board of health relating to the sale, distribution, or inspection of, or the supervision of the sale and distribution of milk, such license may, at the discretion of the board of health, be revoked.

SEC. 5. That any person engaged in the sale of milk within the city of Trenton shall, on the 1st day of January and June of each year, and at any other time when so requested by the board of health, the health officer, or the sanitary inspectors of said city, furnish to said board or to said health officer or inspectors a true statement in writing, upon blanks to be supplied by said board of health, setting forth the locality from which said milk was procured, and also a full and complete list of the names of persons from whom said milk was purchased, and the names and addresses of all customers or persons to whom he may sell or deliver milk within said city, and said blanks, when filled in as aforesaid, shall be signed by the person selling said milk.

SEC. 6. That any person engaged in the sale of milk within the city of Trenton shall notify the board of health, in writing, immediately upon changing the source of supply of the milk so sold by him within said city of such change, and said notice shall also state the name or names of the persons supplying said milk and the locality from which such milk is procured.

SEC. 7. That no person shall sell, or deliver, or have in possession for sale in the city of Trenton any milk which contains any unhealthy ingredient, constituent, or sub-

stance, or is impure, or which has been transported or stored in an unclean manner or place, or which has been produced from cows which are kept or stabled under unhealthful conditions, or which may be diseased.

SEC. 8. No milk shall hereafter be sold, exposed for sale, or delivered within the city of Trenton by any person which shall have been produced in dairies having a rating below 60 per cent, as based on the score card in use by the board of health of the State of New Jersey, which score-card system and ratings are hereby adopted by the board of health of the city of Trenton.

Retailers or distributors collecting or receiving milk from several sources shall be rated at the grade of the dairy having the lowest mark, unless satisfactory evidence is given to the board of health that milk of a better quality is kept separate.

SEC. 9. Premises wherein milk is produced or handled which is intended for sale or exchange in the city of Trenton shall, at all times, be open for inspection to members or employees of the board of health of this city and of the State board of health. No person shall receive a license or renewal if such privilege be refused, and if such person has a license such license may, in the discretion of the board of health, be revoked. And no person shall sell, expose for sale, or distribute any milk within the city of Trenton produced or handled by a person who shall refuse to permit such inspection as aforesaid.

SEC. 10. No milk from cows fed on swill or other putrescent substance shall be sold within the city of Trenton.

SEC. 11. No milk shall be sold, or offered for sale, or exchanged within the city of Trenton that shall be obtained from cows for a period of 15 days before the normal time of calving or within 5 days after calving.

SEC. 12. Milk sold or kept for sale in any store, shop, restaurant, market, bakery, dairy, or other establishment in the city of Trenton shall at all times be kept, at a temperature not exceeding 50° F., in a covered cooler, box, or refrigerator, properly drained and cared for, which shall at no time be allowed to become foul or malodorous. Said places shall at all times when business is being carried on be open to inspection by any member of this board or its authorized agent.

SEC. 13. No milk shall be delivered, stored, or transported at a temperature exceeding 50° F.

SEC. 14. All milk sold in bottles shall be placed in said bottles at a place which is kept under clean conditions at all times and in a room not closely connected with cow stables or manure pile, and said bottles, before using, shall be cleansed thoroughly with hot water.

SEC. 15. No dealer in milk shall store the same or keep it for sale in any room used for sleeping or domestic purposes or opening into the same.

SEC. 16. No person shall transfer from cans to bottles or other vessels on the streets, except when transferred to vessels of purchaser at time of delivery.

SEC. 17. No person shall fill any bottle, vessel, or other receptacle, except as provided for in the next preceding section, except at the dairy or creamery, and in the city only in rooms so situated as to prevent the contamination of the milk by dust from the streets or other impurities.

SEC. 18. All bottles used for distribution of milk shall be used for no other purpose. All bottles shall be cleansed by consumer before returning.

SEC. 19. No method of using milk tickets whereby the tickets are used more than once shall be permitted.

SEC. 20. Samples of milk shall be furnished this board or its authorized agent by any producer or dealer at any time upon proper payment therefor. Milk containing over 100,000 bacteria per cubic centimeter shall not be sold or offered for sale in the city of Trenton.

SEC. 21. No milk shall be used or sold under a label or bottled as pasteurized milk unless the methods used in such pasteurization be acceptable to and approved by the board of health.

SEC. 22. No milk shall be sold or labeled "certified milk" unless the methods used in its production shall conform to the standard and methods necessary to produce such milk and certified by an authority acceptable to the board of health of this city.

SEC. 23. If at any time there shall occur among the persons engaged in the production or handling of milk intended for sale in the city of Trenton, or in the house of persons so engaged, any contagious or infectious disease, such as cholera, smallpox, diphtheria, membranous croup, typhus, typhoid or enteric fever, scarlet fever, tuberculosis, or any other communicable disease that may hereafter be declared dangerous by the board of health of this city, the owner or tenant of such dairy shall notify this board immediately, and said board may order sale of milk from said dairy discontinued for such time as may be considered necessary, and no milk shall thereafter be sold from said dairy until special permit from this board be granted therefor.

SEC. 24. No substance or compound shall be added to any milk which is to be used, exposed, or offered for sale in the city of Trenton, and no substance shall be subtracted therefrom. Milk which contains more than 88 per cent of watery fluids or less than 12 per cent of milk solids, or if any water, drug, chemical preservative, or other substance be added thereto, shall be deemed impure and shall not be sold in the city of Trenton: *Provided, however*, That in the case of skimmed or modified milk, which may be sold if in can, vessel, or package containing such milk, shall have a metal label or tag of metal distinctly, durably, and permanently soldered in a conspicuous place upon the outside, and not more than 6 inches from the top thereof, with the words "skimmed" or "modified" milk, whichever it might be, indented or engraved on the label or tag in letters not less than 2 inches in height, and the several lines of which shall not be less than one-half of an inch in width: *Provided, however*, That every glass bottle, in lieu of such label or tag, may have blown in it the words "skimmed milk" or "modified milk" in letters that shall not be less than 1 inch in height, and several lines of which shall not be less than one-eighth of an inch in width. Such milk shall only be sold or shipped in or retailed out of a can, bottle, vessel, or package so marked.

SEC. 25. No cream shall be sold, exposed for sale, or delivered within the city of Trenton unless it be produced and handled in accordance with the requirements hereinbefore set forth for the production and handling of milk.

SEC. 26. Any firm, corporation, person, or association who shall fail to comply with or shall violate any of the provisions of this article, known as "Milk Code," shall, on conviction, be punished by a fine of not less than \$10 nor more than \$100, in the discretion of the court or magistrate before whom the complaint is made.

SEC. 27. All ordinances, codes, and articles and sections inconsistent with this article are hereby repealed.

SEC. 28. This article to take effect immediately. [Art. II, Sanitary Code, adopted Aug. 1, 1910.]

LOS ANGELES, CAL.

MIDWIFERY—PRACTICE OF.

SEC. 1. It shall be unlawful for any person to practice midwifery or obstetrics, or to act as accoucheur, or to attend or assist or advise at the birth of any child without first applying for and receiving a permit in writing so to do from the board of health.

Any person desiring such a permit shall make and file with the board of health an application therefor in writing. The name, age, sex, residence, place of business, and occupation of the applicant shall be stated in such application, and the previous experience of the applicant shall be stated fully therein. The applicant shall state in such application where he or she shall have resided for a period of five years next preceding the date of filing such application. Such application shall be signed by the applicant and shall be sworn to before an officer authorized to administer oaths.

SEC. 2. The board of health shall make an investigation as to the experience and history of each person applying for such a permit, and if it shall be found that any such person has committed any criminal or immoral act or has been guilty of any crime or of any criminal or immoral practice the application of such person shall be denied by the said board.

If the said board shall not find that such applicant has committed any criminal or immoral act or has been guilty of any crime or of any criminal or immoral practice, then the said board shall make a careful and thorough examination of the qualifications possessed by such applicant to practice midwifery or obstetrics, or to act as accoucheur, or to attend or assist or advise at the birth of children. Such examination may be written or oral, or both, in the discretion of the board of health.

SEC. 3. If the said board shall determine that such application should be granted, a permit in writing shall be issued to the person applying therefor.

SEC. 4. If the holder of any such permit shall commit any criminal or immoral act or shall be guilty of any crime or of any criminal or immoral practice, the board of health shall revoke the permit of such person.

SEC. 5. No such permit shall be revoked until a hearing shall have been had by the board of health, notice of which hearing shall be given in writing and served at least three days prior to the date of hearing upon the holder of such permit. Such notice shall state the ground of complaint against the holder of such permit and shall also state the time when and place where such hearing will be had. Such notice shall be served upon the holder of such permit by delivering the same to such person or to any person of suitable age and discretion in charge of or employed in the place of business of such person; or, if such person has no place of business, then at his or her place of residence; or by leaving such notice at the place of residence of such person with some person of

suitable age and discretion. If the holder of such permit can not be found and service of such notice can not be made upon him or her in the manner herein provided, then a copy of such notice shall be mailed, postage fully prepaid, addressed to such holder of such permit at such place of business or residence at least three days prior to the date of such hearing.

SEC. 6. The provisions of this ordinance shall not apply to any physician licensed as such by the State of California in the manner required by law, or to any person assisting at the birth of any child under the direction and in the presence of a physician so licensed.

SEC. 7. Each person filing an application for a permit pursuant to the provisions of this ordinance shall deposit the sum of \$5 with the board of health at the time of filing such application. If such application is granted, the said sum shall be retained by the city. If the application is not granted, one-half of such sum shall be returned to the applicant and the remainder shall be retained by the city for the purpose of reimbursing the city for the expense of making the investigation required by this ordinance and the holding of the examination, if an examination is held.

SEC. 8. Each such permit shall expire at the end of one year from and after the date thereof, unless sooner revoked. Such permit may be renewed by the board of health from year to year, without examination, upon the payment of a fee of \$1. Each such renewal shall expire at the end of one year from and after the date thereof, unless sooner revoked.

SEC. 9. All moneys received pursuant to the provisions of this ordinance shall be at once deposited in the city treasury, and all moneys returned to any applicant shall be upon a demand or demands filed, approved, and audited in the same manner as other demands against the city are filed, approved, and audited.

SEC. 10. That any person violating any of the provisions of this ordinance shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be punishable by a fine of not less than \$5 nor more than \$500, or by imprisonment in the city jail for a period of not more than six months, or by both such fine and imprisonment. [Ordinance adopted July 19, 1910.]

MEMPHIS, TENN.

MIDWIFERY—PRACTICE OF.

SECTION 1. Be it ordained by the board of commissioners of the city of Memphis, that no person shall practice the trade or profession of midwifery in the city of Memphis until she has complied with the terms of this ordinance and passed the examination required herein.

SEC. 2. Be it further ordained, that any person desiring to practice the trade or profession of midwifery shall apply to the superintendent of health in writing for a permit so to do. Said application shall state the name and address of the applicant, how long she has resided in the city of Memphis, how long she has practiced the trade or profession of midwifery, and what training or qualifications she has had for the same. It shall further be signed by at least three reputable citizens and taxpayers of the city of Memphis, who certify to the good character of the applicant. Upon the filing of this application, together with the fees hereinafter provided, the superintendent of health shall thereupon make suitable examination of the applicant as to her fitness to act as a midwife, or shall appoint a competent physician to conduct said examination, which shall be held at some time and place to be designated by the superintendent of health, who shall mail to the applicant a written notice of said time and place at least three days before the day of the said examination.

SEC. 3. Be it further ordained, that all applicants shall be required to exhibit such knowledge of their trade or profession as shall, in the opinion of the examiner, justify them in carrying on the trade or profession of midwifery and shall, in addition thereto, present for examination their outfit used in the practice of their trade or profession, and the same must be of such character as shall be approved by the examiner.

Upon each applicant passing a satisfactory examination, the superintendent of health shall issue a permit to said applicant, which shall entitle her to carry on her trade or profession in the city of Memphis for a period of one year from the date thereof. The said permit shall be renewed upon applying to the superintendent of health: *Provided*, That the outfit and equipments submitted for an examination shall be approved: *And provided*, That if the superintendent of health has received any complaint against the said midwife he may, if necessary, cause her to submit to another examination as to her competency and fitness for the position: *And provided further*, That if the character of the applicant shall be such as shall not entitle her to carry on the trade or profession, the renewal of the permit shall be refused.

SEC. 4. Be it further ordained, that each applicant shall deposit with her application the sum of \$5 to cover the cost of examination.

SEC. 5. Be it further ordained, that any person carrying on the trade or profession of midwifery without complying with the terms of this ordinance or without a permit shall be guilty of a misdemeanor and shall be fined not less than \$5 nor more than \$50 for each time she has acted as a midwife without said permit. Any person acting as a midwife for hire or compensation shall be considered as carrying on the trade or profession of midwifery.

SEC. 6. Be it further ordained, that any person practicing the profession of midwife shall be required to report to the superintendent of health all births in which she has in any way assisted, which report must be mailed to the superintendent of health within a week after said birth. A failure to make this report shall be a misdemeanor and punishable by a fine of not less than \$5 nor more than \$50, and shall likewise, in the discretion of the superintendent of health, be a cause for the forfeiture of the permit issued to said midwife.

SEC. 7. Be it further ordained, that this ordinance take effect from and after its passage, the matter being one of necessity and the public welfare requiring it. [Ordinance adopted Aug. 9, 1910.]

ST. PAUL, MINN.

LYING-IN HOUSES AND BOARDING PLACES FOR INFANTS—LICENSING AND REGULATION OF.

SEC. 1. That no person, partnership, association, or corporation shall establish, conduct, manage, or maintain in the city of St. Paul any lying-in house or boarding place for infants without first having obtained a license so to do as hereinafter provided.

SEC. 2. Any person, partnership, association, or corporation desiring a license for any of the purposes hereinbefore mentioned shall file with the city clerk of the city of St. Paul a written application therefor, which shall contain the nature of the business for which the license is desired, the location thereof, and the names of the persons or corporation interested therein. The city clerk shall thereupon forthwith transmit such application to the commissioner of health, who shall immediately investigate and report as to the suitability and sanitary condition of the premises described in such application, and as to the character and suitability of the persons to receive a license, and return such report to the city clerk, whereupon it shall be the duty of the city clerk to transmit such application and report to the next meeting of the common council for action, and if the common council is satisfied from such report and such other investigation as it may see fit to make that the applicants are proper persons to receive a license, and that the premises described in the application are suitable and sanitary, it may order the issuance of a license to such applicant for the period of one year, and thereupon the city clerk, upon payment of the fee herein required, shall issue such license. A license having once been issued may be renewed from time to time for a like period by the city clerk upon a favorable report similar to that above required from the commissioner of health without again referring the same to the common council, but if the commissioner of health at any time makes an unfavorable report upon the renewal of any such license, the same shall not be renewed without being referred to and authorized by the common council. The annual fee for each of said licenses shall be the sum of \$10.

SEC. 3. All such licensees shall at all times allow the commissioner of health or any inspector under his jurisdiction free access to the premises for the purpose of inspection, and shall conform at all times to all reasonable rules and regulations for the conduct of such business which may be prescribed by the commissioner of health, and any failure in this respect or a violation of any other provision of this ordinance shall be sufficient cause for the revocation of such license and the forfeiture of the fee paid therefor.

SEC. 4. Any person who shall violate any of the provisions of this ordinance shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be punished by a fine of not more than \$100 or by imprisonment for not more than 30 days for each offense. [Ordinance adopted Sept. 15, 1910.]

' PLAGUE-PREVENTION WORK.

DISTRIBUTION OF POISON.

In connection with the making and maintenance of a squirrel-free zone around the cities of California on San Francisco Bay 9,155 acres of land in Alameda County were covered with poison during the week ended December 2, 1911.

During the same period 4,590 acres of land in San Joaquin County and 12,190 acres in Stanislaus County were covered with poison for the purpose of eradicating plague foci.

RECORD OF PLAGUE INFECTION.

Places.	Date of last case of human plague.	Date of last case of rat plague.	Date of last case of squirrel plague.	Total number of rodents found infected since May, 1907.
California:				
Cities—				
San Francisco.....	Jan. 30, 1908....	Oct. 23, 1908....	None.....	398 rats.
Oakland.....	Aug. 9, 1911....	Dec. 1, 1908....	.....do.....	126 rats.
Berkeley.....	Aug. 27, 1907....	None.....	.....do.....	None.
Los Angeles.....	Aug. 11, 1908....	.....do.....	Aug. 21, 1908....	1 squirrel.
Counties—				
Alameda (exclusive of Oakland and Berkeley).	Sept. 26, 1909....	Wood rat, Oct. 17, 1909.	Oct. 9, 1911....	114 squirrels and 1 wood rat.
Contra Costa.....	July 21, 1911....	None.....	Sept. 23, 1911....	364 squirrels.
Fresno.....	None.....	.....do.....	Oct. 27, 1911....	1 squirrel.
Merced.....	.....do.....	.....do.....	July 13, 1911....	5 squirrels.
Monterey.....	.....do.....	.....do.....	Aug. 6, 1911....	Do.
San Benito.....	June 5, 1910....	.....do.....	June 8, 1911....	22 squirrels.
San Joaquin.....	Sept. 18, 1911....	.....do.....	Aug. 26, 1911....	18 squirrels.
San Luis Obispo.....	None.....	.....do.....	Jan. 29, 1910....	1 squirrel.
Santa Clara.....	Aug. 23, 1910....	.....do.....	Oct. 5, 1910....	23 squirrels.
Santa Cruz.....	None.....	.....do.....	May 17, 1910....	3 squirrels.
Stanislaus.....	.....do.....	.....do.....	June 2, 1911....	13 squirrels.
Washington:				
City—				
Seattle.....	Oct. 30, 1907....	Sept. 21, 1911....	None.....	25 rats.

RATS COLLECTED AND EXAMINED FOR PLAGUE INFECTION.

Places.	Week ended—	Found dead.	Total collected.	Examined.	Found infected.
California:					
Cities—					
Berkeley.....	Dec. 2, 1911		197	59	
Oakland.....	.....do.....	28	2 583	487	
San Francisco.....	.....do.....	11	1,309	944	
Fresno.....	.....do.....		1 59	59	
Counties—					
Fresno.....	.....do.....		57	7	
Santa Clara.....	.....do.....		62	62	
Stanislaus.....	.....do.....		730	30	
Washington:					
City—					
Seattle.....	.....do.....		850	760	

¹ Identified: *Mus norvegicus*, 59; *Mus musculus*, 38.

² Identified: *Mus norvegicus*, 560; *Mus musculus*, 81; *Mus rattus*, 1; *Mus alexandrinus*, 1.

³ Identified: *Mus norvegicus*, 627; *Mus musculus*, 328; *Mus rattus*, 207; *Mus alexandrinus*, 147.

⁴ Identified: *Mus alexandrinus*, 56; *Mus musculus*, 3.

⁵ Identified: *Mus alexandrinus*, 6; *Mus musculus*, 1.

⁶ Identified: *Mus norvegicus*, 60; *Mus musculus*, 2.

⁷ Identified: *Mus alexandrinus*, 20; *Mus musculus*, 10.

SQUIRRELS COLLECTED AND EXAMINED FOR PLAGUE INFECTION.

Places.	Week ended—	Shot or trapped.	Found dead.	Examined.	Found infected.
California:					
Counties—					
Alameda.....	Dec. 2, 1911		248	248	
Fresno.....	do.	20		20	
Merced.....	do.	41		41	
San Benito.....	do.	23		23	
San Joaquin.....	do.	74		74	
Stanislaus.....	do.	131		131	
Total.....		289	248	537	

OTHER ANIMALS COLLECTED AND EXAMINED.

Places.	Week ended—	Animals collected.	Examined.	Found infected.
California:				
Counties—				
Fresno.....	Dec. 2, 1911	10 rabbits	10	
Merced.....	do.	7 rabbits	7	
San Benito.....	do.	1 rabbit	1	
San Joaquin.....	do.	1 chipmunk	1	
Stanislaus.....	do.	7 rabbits	7	
		11 rabbits	11	
Total.....			37	

SMALLPOX IN THE UNITED STATES.

In the following tables the States indicated by an asterisk are those from which reports of smallpox are received only from certain city, and in some cases county, boards of health. In these States, therefore, the recorded cases and deaths should not be taken as showing the general prevalence of the disease. In the States not marked by an asterisk the reports are received monthly from the State boards of health and include all cases reported throughout the State:

REPORTS RECEIVED DURING WEEK ENDED DEC. 22, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Indiana:				
Counties—				
Adams.....	Oct. 1-31.....	3		
Dearborn.....	do.	1		
Howard.....	do.	1		
Miami.....	do.	7		
Randolph.....	do.	1		
Total for State.....		13		
Maryland.....	Nov. 1-30.....			No case.
Minnesota:				
Counties—				
Clay.....	Nov. 14-20.....	1		
Dodge.....	Nov. 21-27.....	1		
Filmore.....	Nov. 1-6.....	1		
Hennepin.....	Nov. 14-20.....	19		
Ramsey.....	Nov. 1-20.....	50		
Rice.....	Nov. 1-6.....	2		
St. Louis.....	Nov. 14-20.....	25		
Wabasha.....	Nov. 4-20.....	1		
Total for State.....		100		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received During Week Ended Dec. 22, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Ohio:				
Counties—				
Ashtabula.....	Nov. 1-30.....	1		
Defiance.....	do.....	72		
Franklin.....	do.....	2		
Hamilton.....	do.....	7		
Licking.....	do.....	1		
Lucas.....	do.....	1		
Morgan.....	do.....	7		
Total for State.....		91		
Oregon.....	Aug. 1-31.....	1		Not previously reported.
New York:				
New York City.....	Oct. 1-31.....		1	Do.
North Dakota:				
Counties—				
Cavalier.....	Nov. 1-31.....	5		
Cass.....	do.....	1		
Foster.....	do.....	1		
Total for State.....		7		
Pennsylvania.....	July 1-31.....	7		
	Aug. 1-31.....	3		
Total for State.....		10		
Tennessee:				
County—				
Shelby.....	Nov. 1-30.....	1		
Virginia:				
Counties—				
Lunenburg.....	do.....	4		
Mecklenburg.....	do.....	4		
Nansemond.....	do.....	13		
Norfolk.....	do.....	3		
Northampton.....	do.....	1		
Southampton.....	do.....	4		
Total for State.....		19		

REPORTS RECEIVED FROM JULY 1 TO DEC. 15, 1911.

For reports received from Dec. 31, 1910, to June 30, 1911, see Public Health Reports for June 30, 1911. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

Places.	Date.	Cases.	Deaths.	Remarks.
*Alabama:				
Mobile.....	June 18-24.....	3		
Montgomery.....	June 25-Aug. 30.....	6		
Total for State.....		9		
Arizona:				
County—				
Cochise.....	July 1-31.....	7		Aug. 1-31, no cases.
California.....	June 1-30.....		2	
Counties—				
Alameda.....	Aug. 1-31.....	1		
Fresno.....	Aug. 1-Oct. 31.....	16		
Los Angeles.....	May 1-Oct. 31.....	13		
Marin.....	Oct. 1-31.....	1		
Sacramento.....	Aug. 1-Sept. 30.....	3		
San Bernardino.....	Aug. 1-Oct. 31.....	9		
Santa Cruz.....	May 1-31.....	2		
San Diego.....	May 1-July 31.....	1		
San Francisco.....	May 1-Sept. 30.....	8		
San Luis Obispo.....	Oct. 1-31.....	1		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Dec. 15, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
California—Continued.				
Counties—Continued.				
San Joaquin.....	Aug. 1-Sept. 30....	2		
Siskiyou.....	Aug. 1-Oct. 31.....	3		
Tulare.....	Aug. 1-31.....	1		
Ventura.....	July 1-Aug. 31.....	2		
Total for State.....		63	2	
Colorado:				
Counties—				
Archuleta.....	Aug. 1-31.....	1		
Boulder.....	June 1-July 31.....	3		
Chaffee.....	June 1-Nov. 30.....	4		
Clear Creek.....	June 1-July 31.....	8		
Conejos.....	do.....	4		
Costilla.....	June 1-30.....	1		
Delta.....	do.....	7		
Denver.....	June 1-Nov. 30.....	56		
El Paso.....	June 1-Oct. 31.....	3		
Fremont.....	Aug. 1-Oct. 31.....	3		
Huerfano.....	June 1-Aug. 31.....	7		
Jefferson.....	Aug. 1-Nov. 30.....	2		
Kiowa.....	July 1-Oct. 31.....	8		
Lake.....	June 1-Sept. 30.....	10		
La Plata.....	June 1-July 31.....	7		
Larimer.....	June 1-Aug. 31.....	10		
Las Animas.....	Aug. 1-Nov. 30.....	4		
Lincoln.....	June 1-30.....	2		
Logan.....	Oct. 1-31.....	1		
Mesa.....	June 1-30.....	1		
Morgan.....	Aug. 1-31.....	3		
Montrose.....	July 1-31.....	2		
Otero.....	do.....	1		
Phillips.....	June 1-Oct. 31.....	2		
Pueblo.....	do.....	9		
San Miguel.....	June 1-30.....	1		
Summit.....	Sept. 1-Nov. 30.....	7		
Washington.....	June 1-July 31.....	11		
Weld.....	July 1-Nov. 30.....	3		
Total for State.....		181		
Connecticut:				
Middlesex County.....	July 1-Aug. 31.....	2		
District of Columbia.				
	July 2-8.....	5		
Florida:				
Counties—				
Alachua.....	Aug. 20-Nov. 18.....	5		
Bradford.....	July 17-Sept. 30.....	8		
Citrus.....	July 9-Oct. 21.....	4		
Columbia.....	July 2-Nov. 11.....	2		
De Soto.....	June 16-Aug. 26.....	7		
Duval.....	June 16-Sept. 23.....	44	1	
Escambia.....	June 16-Aug. 26.....	7		
Gadsden.....	July 9-Sept. 23.....	72		
Hillsboro.....	June 16-Aug. 26.....	3		
Jackson.....	July 2-Sept. 30.....	57		
Jefferson.....	Sept. 16-Nov. 11.....	40		
Leon.....	June 16-Nov. 11.....	12		
Levy.....	July 9-16.....	1		
Madison.....	Sept. 10-16.....	2		
Manatee.....	June 16-July 8.....	8		
Marion.....	July 9-Sept. 16.....	2		
Orange.....	June 16-July 16.....	2		
Pasco.....	July 9-16.....	20		
Polk.....	June 16-July 16.....	5		
Putnam.....	Nov. 5-11.....	2		
Santa Rosa.....	July 9-16.....	6		
Sumter.....	Aug. 1-6.....	1		
Volusia.....	July 9-16.....	1		
Washington.....	Aug. 1-Nov. 11.....	12		
Total for State.....		323	1	

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Dec. 15, 1911.

Places.	Data.	Cases.	Deaths.	Remarks.
Indiana:				
Counties—				
Adams.....	Aug. 1-31.....	1		
Allen.....	June 1-30.....	1		
Bartholomew.....	July 1-31.....	1		
Benton.....	June 1-30.....	2		
Blackford.....	do.....	4		
Boone.....	Aug. 1-31.....	1		
Cass.....	do.....	1		
Clarke.....	July 1-31.....	2		
Clinton.....	June 1-30.....	7		
Delaware.....	June 1-Aug. 31.....	14		
Franklin.....	July 1-31.....	1		
Henry.....	June 1-Sept. 30.....	3		
Howard.....	do.....	43		
Jay.....	June 1-30.....	2		
Lake.....	Aug. 1-31.....	3		
Laporte.....	June 1-30.....	2		
Madison.....	June 1-Aug. 31.....	21		
Marion.....	do.....	4		
Orange.....	Aug. 1-31.....	2		
Parke.....	June 1-July 31.....	4		
Posey.....	June 1-30.....	3		
Rush.....	Aug. 1-31.....	3		
Shelby.....	June 1-30.....	3		
Tippecanoe.....	July 1-31.....	2		
Tipton.....	June 1-Sept. 30.....	7		
Vanderburg.....	June 1-Aug. 31.....	1	1	
Vigo.....	July 1-Sept. 30.....	25		
Wabash.....	June 1-30.....	2		
Wayne.....	June 1-July 31.....	13		
Total for State.....		178	1	
Iowa:				
Counties—				
Adams.....	June 1-July 31.....	19		
Appanoose.....	June 1-30.....	1		
Blackhawk.....	do.....	4		
Buchanan.....	Nov. 1-30.....	2		
Butler.....	Oct. 1-Nov. 30.....	15		
Calhoun.....	Nov. 1-30.....	13		
Carroll.....	June 1-Nov. 30.....	4		
Clayton.....	Nov. 1-30.....	4		
Davis.....	June 1-30.....	3		
Decatur.....	June 1-July 31.....	2		
Fremont.....	June 1-Sept. 30.....	11		
Henry.....	June 1-Nov. 30.....	4		
Jefferson.....	Nov. 1-30.....	7		
Johnson.....	July 1-31.....	13		
Lee.....	June 1-30.....	1		
Linn.....	July 1-Nov. 30.....	12		
Madison.....	Sept. 1-Nov. 30.....	4		
Marshall.....	June 1-Aug. 31.....	9		
Mills.....	June 1-30.....	1	1	
Polk.....	June 1-Sept. 30.....	14		
Pottawattamie.....	June 1-Nov. 30.....	64		
Scott.....	do.....	8		
Sioux.....	do.....	12		
Taylor.....	June 1-Nov. 30.....	9		
Wapello.....	June 1-Aug. 31.....	5		
Wright.....	June 1-30.....	1		
Woodbury.....	July 1-31.....	1		
Total for State.....		243	1	
Kansas:				
Counties—				
Allen.....	May 1-31.....	7		
Anderson.....	June 1-30.....	15		
Atchison.....	May 1-June 30.....	2		
Barton.....	do.....	8		
Brown.....	Aug. 1-31.....	5		
Clark.....	July 1-Sept. 30.....	6		
Clay.....	May 1-31.....	1		
Cloud.....	do.....	1		
Cowley.....	Sept. 1-30.....	3		
Crawford.....	May 1-July 31.....	19		
Dickinson.....	May 1-31.....	13		
Doniphan.....	do.....	15		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Dec. 15, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Kansas—Continued.				
Counties—Continued.				
Douglas.....	May 1-Aug. 31.....	5		
Elk.....	May 1-31.....	15		
Ellsworth.....	June 1-30.....	1		
Franklin.....	May 1-31.....	4		
Graham.....	May 1-June 30.....	3		
Harvey.....	May 1-Aug. 31.....	33		
Haskell.....	May 1-31.....	19		
Jefferson.....	May 1-July 31.....	9		
Jewell.....	July 1-Aug. 31.....	7		
Johnson.....	May 1-June 30.....	5		
Kearny.....	June 1-July 31.....	2		
Labette.....	May 1-Aug. 31.....	14		
Lane.....	June 1-30.....	11		
Leavenworth.....	May 1-June 30.....	3		
Lyon.....	July 1-Aug. 30.....	3		
Marion.....	May 1-31.....	3		
Marshall.....	do.....	3		
Miami.....	do.....	3		
Mitchell.....	do.....	6		
Montgomery.....	do.....	5		
Norton.....	June 30.....	9		
Osage.....	May 1-31.....	1	3	
Pottawatomie.....	do.....	2		
Reno.....	do.....	3		
Republic.....	May 1-Aug. 31.....	5		
Rice.....	June 30.....	13		
Riley.....	May 1-June 30.....	9		
Rooks.....	May 1-July 31.....	13		
Saline.....	May 1-Aug. 31.....	8		
Sedgwick.....	May 1-Sept. 30.....	23		
Shawnee.....	May 1-Aug. 31.....	73	17	
Sherman.....	June 1-30.....	1		
Smith.....	May 1-31.....	18		
Thomas.....	do.....	2		
Washington.....	do.....	1		
Wyandotte.....	May 1-Sept. 30.....	29		
Total for State.....		464	20	
Kentucky:				
Covington.....	July 2-22.....	10		
Louisville.....	May 1-Oct. 31.....	8		
Total for State.....		18		
*Louisiana:				
Parishes—				
Ascension.....	Mar. 1-31.....	21		
Morehouse.....	Apr. 1-30.....	4		
Orleans—				
New Orleans.....	June 25-Dec. 2.....	8		
St. Tammany.....	Mar. 1-31.....	3		
Tangipahoa.....	Mar. 1-Apr. 30.....	21		
Total for State.....		57		
Maine, entire State.				
Counties—				
Androscoggin.....	Aug. 1-31.....	3		July 1-31, no case.
Somerset.....	June 1-30.....	3		
Total for State.....		6		
Maryland.				
Counties—				
Frederick.....	June 1-July 31.....	3		No case in August, September, or October.
Prince Georges.....	July 1-31.....	1		
Washington.....	June 1-30.....	1		
Total for State.....		5		
Massachusetts.				
Counties—				
Bristol.....	Sept. 1-30.....	1		No case in July, August, and October.
Middlesex.....	June 1-Nov. 30.....	2		
Suffolk.....	Nov. 1-30.....	1		
Total for State.....		4		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Dec. 15, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Michigan:				
Counties—				
Antrim.....	June 1-30.....	2		
Berrien.....	Oct. 1-31.....	1		
Calhoun.....	June 1-July 31.....	12		
Cheboygan.....	July 1-31.....	10		
Crawford.....	Nov. 1-30.....	1		
Grand Traverse.....	June 1-Nov. 30.....	8		
Gratiot.....	Aug. 1-Sept. 30.....	3		
Isabella.....	June 1-30.....	1		
Leelanau.....	Nov. 1-30.....	1		
Mackinac.....	June 1-Aug. 31.....	8		
Marquette.....	June 1-30.....	1		
Millford.....	July 1-31.....	1		
Montcalm.....	July 1-Nov. 30.....	10		
Muskegon.....	July 1-31.....	2		
Oakland.....	June 1-30.....	1		
Ontonagon.....	Nov. 1-30.....	2		
Ottawa.....	June 1-30.....	1		
Saginaw.....	Sept. 1-30.....	1		
St. Clair.....	June 1-Sept. 30.....	23		
Shiawassee.....	June 1-Nov. 30.....	5		
Tuscola.....	Sept. 1-30.....	1		
Washtenaw.....	June 1-July 31.....	6		
Wayne.....	June 1-Nov. 30.....	14		
Total for State.....		115		
Minnesota:				
Counties—				
Ramsey.....	(Mar. 1-31.....		1	
	May 1-31.....		1	
Brown.....	June 20-26.....	2		
Carver.....	June 1-5.....	1		
Chisago.....	Oct. 19-23.....	1		
Dodge.....	July 4-Sept. 25.....	5		
Faribault.....	June 6-17.....	2		
Fillmore.....	June 6-Oct. 23.....	3		
Goodhue.....	July 25-31.....	1		
Hennepin.....	June 1-Oct. 30.....	60		
Houston.....	July 25-31.....	1		
Isanti.....	Oct. 24-30.....	1		
Lac qui Parle.....	June 1-19.....	4		
Mille Lacs.....	June 1-5.....	1		
Otter Tail.....	June 1-Sept. 18.....	8		
Ramsey.....	June 1-Oct. 30.....	130		
Redwood.....	Aug. 15-21.....	1		
Rock.....	Aug. 29-Sept. 4.....	1		
St. Louis.....	June 21-Oct. 23.....	17		
Scott.....	Oct. 9-16.....	5		
Wadena.....	July 11-Aug. 7.....	3		
Yellow Medicine.....	June 1-26.....	35		
Total for State.....		282	2	
*Missouri:				
Kansas City.....	June 1-Oct. 31.....	23	2	
St. Louis.....	June 18-Sept. 2.....	2		
Total for State.....		25	2	
Montana:				
Counties—				
Beaverhead.....	July 1-31.....	1		June 1-30, no case.
Cascade.....	do.....	1		
Jefferson.....	do.....	4		
Park.....	do.....	1		
Powell.....	do.....	2		
Silver Bow.....	do.....	3		
Teton.....	do.....	3		
Yellowstone.....	do.....	1		
Total for State.....		16		
*Nebraska:				
Lincoln.....	Feb. 1-Sept. 30.....	201		July 1-31, no case.
Omaha.....	June 19-Dec. 2.....	5		
South Omaha.....	Aug. 20-26.....	1		
Total for State.....		207		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Dec. 15, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
New Hampshire.....	June 9-Sept. 30....	45	No case in June, August, and October.
New Jersey.....	.....	.....	.....
Counties—	.....	.....	.....
Cumberland.....	Sept. 1-30.....	1	1	
Middlesex.....	July 1-31.....	1	.....
Total for State.....	.....	2	1
New York.....	June 1-30.....	1	.....
Counties—	.....	.....	.....
Albany.....	Sept. 1-30.....	2	.....
Cattaraugus.....	July 1-Oct. 31.....	10	.....
Erie.....	June 1-Oct. 31.....	20	
Clinton.....	June 1-30.....	1	.....
Franklin.....	do.....	1	.....
Jefferson.....	Aug. 1-31.....	1	.....
Monroe.....	June 1-30.....	4	.....
New York.....	Oct. 1-31.....	1	.....
Onondaga.....	June 1-Aug. 31.....	10	.....
Otsego.....	June 1-30.....	1	.....
St. Lawrence.....	do.....	4	.....
Schoharie.....	July 1-31.....	11	.....
Steuben.....	July 1-Sept. 30.....	9	.....
Tioga.....	June 1-30.....	1	.....
Ulster.....	do.....	5	.....
Wayne.....	July 1-31.....	1	.....
Wyoming.....	July 1-Oct. 31.....	7	.....
Total for State.....	.....	90	.....
North Carolina:	
Counties—	.....	.....	.....
Alamance.....	June 1-July 31.....	2	.....
Anson.....	Sept. 1-Oct. 31.....	55	.....
Avery.....	June 1-July 31.....	56	.....
Beaufort.....	Oct. 1-31.....	1	.....
Bertie.....	June 1-July 31.....	2	.....
Catawba.....	June 1-Sept. 30.....	3	.....
Chatham.....	June 1-Aug. 31.....	2	.....
Cleveland.....	Oct. 1-31.....	2	.....
Craven.....	June 1-Aug. 31.....	3	.....
Cumberland.....	June 1-Sept. 30.....	9	.....
Currituck.....	July 1-31.....	1	.....
Duplin.....	do.....	3	.....
Durham.....	July 1-Oct. 31.....	8	.....
Edgecombe.....	June 1-30.....	4	.....
Forsyth.....	Sept. 1-30.....	1	.....
Granville.....	July 1-Oct. 31.....	41	.....
Guilford.....	Aug. 1-31.....	3	.....
Harnett.....	Aug. 1-Sept. 30.....	3	.....
Haywood.....	June 1-Oct. 31.....	8	.....
Henderson.....	June 1-30.....	4	.....
Hoke.....	Sept. 1-Oct. 31.....	8	.....
Iredell.....	Oct. 1-31.....	7	.....
Johnston.....	July 1-31.....	1	.....
Lincoln.....	Sept. 1-Oct. 31.....	3	.....
McDowell.....	Aug. 1-31.....	1	.....
Martin.....	Oct. 1-31.....	1	.....
Mecklenburg.....	July 1-Sept. 30.....	10	.....
Mitchell.....	Sept. 1-30.....	1	.....
New Hanover.....	June 1-Oct. 31.....	8	.....
Northampton.....	Oct. 1-31.....	1	.....
Pasquotank.....	June 1-30.....	2	.....
Pender.....	Oct. 1-31.....	4	.....
Randolph.....	Sept. 1-30.....	1	.....
Robeson.....	July 1-Sept. 30.....	16	.....
Rockingham.....	Sept. 1-Oct. 31.....	3	.....
Rowan.....	June 1-July 31.....	2	.....
Sampson.....	July 1-31.....	1	.....
Union.....	Oct. 1-31.....	1	.....
Vance.....	Aug. 1-Oct. 31.....	22	.....
Warren.....	July 1-Aug. 31.....	11	.....
Watauga.....	June 1-30.....	2	.....
Wayne.....	July 1-31.....	1	.....
Wilmington.....	do.....	3	.....
Yancey.....	Sept. 1-Oct. 31.....	4	.....
Total for State.....	.....	325	.....

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Dec. 15, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
North Dakota:				
Counties—				
Billings.....	June 1-July 31....	8		
Cass.....	Aug. 1-Sept. 30....	5		
Cavalier.....	Sept. 1-30.....	4		
Grand Forks.....	do.....	2		
Lamoure.....	July 1-Sept. 30....	7		
McKenzie.....	Aug. 1-31.....	1		
Morton.....	June 1-30.....	1		
Mountrail.....	do.....	6		
Nelson.....	Aug. 1-31.....	4		
Ward.....	June 1-30.....	1		
Total for State.....		39		
Ohio:				
Counties—				
Allen.....	Sept. 1-30.....	5		
Ashtabula.....	June 1-July 31....	3		
Brown.....	June 1-30.....	4		
Clark.....	July 1-31.....	19		
Clermont.....	June 1-30.....	3		
Defiance.....	June 1-Oct. 31....	1		
Franklin.....	July 1-31.....	44		
Geauga.....	June 1-30.....	2		
Hamilton.....	July 1-Sept. 30....	21		
Licking.....	July 1-31.....	1		
Lorain.....	do.....	5		
Lucas.....	July 1-Aug. 31....	6		
Pickaway.....	July 1-31.....	3		
Ross.....	Aug. 1-31.....	9		
Sandusky.....	June 1-30.....	4		
Total for State.....		149		
Oklahoma:				
Counties—				
Beckham.....	Sept. 1-30.....	1		
Bryan.....	June 1-30.....	1		
Caddo.....	May 1-31.....	1		
Carter.....	June 1-30.....	1		
Cleveland.....	May 1-June 30....	49		
Comanche.....	June 1-Aug. 31....	9		
Craig.....	June 1-30.....	6		
Custer.....	May 1-31.....	5		
Dewey.....	do.....	6		
Ellis.....	June 1-30.....	3		
Garvin.....	May 1-31.....	19		
Haskell.....	May 1-July 31....	9		
Hughes.....	May 1-Aug. 31....	9		
Jefferson.....	May 1-June 30....	7		
Johnson.....	May 1-31.....	3		
Kay.....	do.....	6		
Kingfisher.....	do.....	1		
Kiowa.....	do.....	1		
Le Flore.....	May 1-June 30....	3		
Logan.....	June 1-30.....	1		
McClain.....	May 1-31.....	18		
McIntosh.....	do.....	1		
Nowata.....	May 1-June 30....	2		
Okfuskee.....	May 1-31.....	1		
Oklahoma.....	May 1-Sept. 30....	11		
Pittsburg.....	June 1-30.....	1		
Pontotoc.....	May 1-Sept. 30....	6		
Pottawatomie.....	June 1-30.....	3		
Pushmataha.....	May 1-31.....	2		
Roger Mills.....	May 1-June 30....	6		
Rogers.....	July 1-31.....	1		
Seminole.....	May 1-June 30....	16		
Sequayah.....	Aug. 1-31.....	3		
Tulsa.....	May 1-Aug. 31....	11		
Wagoner.....	May 1-31.....	1		
Washington.....	June 1-30.....	1		
Washita.....	May 1-June 30....	2		
Woodward.....	May 1-31.....	1		
Total for State.....		228		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Dec. 15, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Oregon:				
Counties—				
Baker.....	June 1-Sept. 30....	5		
Benton.....	May 1-Oct. 31.....	2		
Coos.....	Aug. 1-31.....	1		
Douglas.....	Apr. 1-30.....	1		
Grant.....	Aug. 1-Oct. 31.....	16		
Josephine.....	Aug. 1-31.....	1		
Lincoln.....	Oct. 1-31.....	2		
Linn.....	Apr. 1-Oct. 31.....	3		
Morrow.....	May 1-31.....	1		
Multnomah.....	Apr. 1-Sept. 30.....	17		
Union.....	June 1-30.....	1		
Wasco.....	do.....	8		
Washington.....	Apr. 1-June 30.....	7		
Yamhill.....	June 1-Sept. 30.....	2		
Total for State.....		67		
Pennsylvania.....	May 1-June 30.....	79		
*Rhode Island:				
Providence.....	June 15-Nov. 19....	4		
*South Carolina:				
Port Royal.....	July 22.....	1		
South Dakota:				
Counties—				
Aurora.....	June 1-July 31.....	3		
Beadle.....	May 1-31.....	13		
Brookings.....	Apr. 1-30.....	9		
Brown.....	Apr. 1-June 30.....	10		
Brule.....	Apr. 1-May 21.....	6		
Charles Mix.....	June 1-30.....	1		
Clay.....	Oct. 1-31.....	2		
Codington.....	June 1-Aug. 31.....	8		
Davison.....	May 1-July 31.....	7		
Day.....	June 1-30.....	1		
Dewey.....	June 1-Aug. 31.....	5		
Fall River.....	Apr. 1-May 31.....	18		
Grant.....	do.....	4		
Hamilton.....	Sept. 1-30.....	1		
Hanson.....	May 1-31.....	1		
Hughes.....	June 1-30.....	1		
Hutchinson.....	Apr. 1-Sept. 30.....	4		
Jerauld.....	May 1-June 30.....	6		
Kingsbury.....	Apr. 1-May 31.....	8		
Lawrence.....	Apr. 1-July 31.....	7		
Lincoln.....	do.....	3		
Lyman.....	Apr. 1-May 31.....	16	1	
McCook.....	do.....	11		
Miner.....	Apr. 1-June 30.....	5		
Minnehaha.....	do.....	15		
Pennington.....	do.....	48		
Roberts.....	Sept. 1-30.....	1		
Sanborn.....	May 1-31.....	3		
Spink.....	Apr. 1-Aug. 31.....	9		
Tripp.....	Apr. 1-Sept. 30.....	12		
Turner.....	July 1-31.....	5		
Total for State.....		243	1	
Tennessee:				
Counties—				
Knox—				
Knoxville.....	June 18-July 22....	9		
Shelby.....	June 1-Aug. 31.....	10		
Total for State.....		19		
Texas:				
Counties—				
Brazoria.....	Aug. 1-Sept. 30....	5		
Bell.....	June 1-30.....	2		
Cameron.....	May 1-Aug. 31.....	34		
Childress.....	June 1-30.....	1		
Collin.....	May 1-31.....	5		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Dec. 15, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Texas—Continued.				
Counties—Continued.				
Dallas.....	May 1-31.....	13		
Denton.....	Apr. 1-May 31.....	5		
Eastland.....	Aug. 1-31.....	5		
El Paso.....	May 1-July 31.....	11		
Floyd.....	May 1-31.....	3		
Galveston.....	May 1-June 30.....	7		
Hale.....	Sept. 1-30.....	1		
Hall.....	May 1-June 30.....	4		
Harris.....	May 1-Aug. 31.....	6		
Hidalgo.....	May 1-31.....	3		
Hunt.....	June 1-July 31.....	5		
Marion.....	May 1-31.....	1		
McLennan.....	do.....	1		
Navarro.....	do.....	32		
Nueces.....	do.....	5		
Tarrant.....	May 1-June 30.....	9		
Titus.....	May 1-31.....	5		
Victoria.....	July 1-31.....	1		
Wayne.....	June 1-30.....	5		
Wharton.....	Sept. 1-30.....	1		
Wichita.....	May 1-31.....	6		
Total for State.....		189	7	
Utah:				
Counties—				
Beaver.....	May 1-July 31.....	18		
Boxelder.....	do.....	31		
Cache.....	May 1-June 30.....	14		
Carbon.....	May 1-Sept. 30.....	118	2	
Emery.....	May 1-Oct. 31.....	118	1	
Garfield.....	May 1-Aug. 31.....	20		
Juab.....	July 1-Sept. 30.....	6		
Kane.....	May 1-31.....	9		
Rich.....	July 1-31.....	16		
Salt Lake.....	May 1-Oct. 31.....	45		
Sanpete.....	do.....	67		
Sevier.....	do.....	57		
Tooele.....	May 1-June 30.....	33		
Uinta.....	May 1-Oct. 31.....	28		
Utah.....	May 1-July 31.....	18	1	
Washington.....	do.....	1		
Weber.....	do.....	11		
Wayne.....	Oct. 1-31.....	4		
Total for State.....		615	4	
Virginia:				
Counties—				
Augusta.....	Aug. 1-Oct. 31.....	13		
Brunswick.....	Mar. 1-Oct. 31.....	52		
Campbell.....	May 1-Aug. 31.....	2		
Chesterfield.....	Sept. 1-30.....	1		
Dinwiddie.....	Apr. 1-May 31.....	9		
Essex.....	Aug. 1-31.....	1		
Fairfax.....	Mar. 1-Oct. 31.....	8		
Fauquier.....	Apr. 1-May 30.....	6		
Grayson.....	Sept. 1-30.....	2		
Greensville.....	July 1-31.....	4		
Halifax.....	Aug. 1-31.....	1		
Hanover.....	Mar. 1-July 31.....	3		
Henrico.....	Mar. 1-Aug. 31.....	17		
Henry.....	do.....	77		
Isle of Wight.....	May 1-31.....	1		
Lancaster.....	do.....	1		
Lee.....	Mar. 1-Oct. 31.....	111		
Loudoun.....	Mar. 1-31.....	1		
Mecklenburg.....	Mar. 1-Oct. 31.....	31		
Nansemond.....	Mar. 1-Sept. 30.....	27		
Norfolk.....	Apr. 1-Oct. 31.....	28		
Northampton.....	Apr. 1-30.....	1		
Page.....	do.....	8		
Pittsylvania.....	Mar. 1-July 31.....	46		
Prince William.....	Mar. 1-31.....	1		
Princess Anne.....	do.....	1		
Roanoke.....	May 1-31.....	1		
Southampton.....	Mar. 1-Sept. 30.....	12		
Spotsylvania.....	Sept. 1-30.....	1		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Dec. 15, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Virginia—Continued.				
Counties—Continued.				
Surry.....	Mar. 1-31.....	2		
Sussex.....	Mar. 1-June 30.....	7		
Wise.....	do.....	15		
Total for State.....		501		
Washington:				
Counties—				
Adams.....	June 1-30.....	1		
Benton.....	July 1-31.....	2		
Chehalis.....	May 1-Aug. 31.....	5		
Chelan.....	do.....	3		
Challam.....	June 1-30.....	2		
Columbia.....	May 1-Sept. 30.....	6		
Cowlitz.....	do.....	5		
Ferry.....	Sept. 1-30.....	1		
Garfield.....	May 1-July 31.....	5		
King.....	May 1-Sept. 30.....	94		
Kitsap.....	June 1-30.....	2		
Kittitas.....	July 1-31.....	2		
Lewis.....	June 1-30.....	2		
Mason.....	May 1-June 30.....	33		
Okanogan.....	June 1-30.....	2		
Pend Oreille.....	Sept. 1-30.....	2		
Pierce.....	May 1-Sept. 30.....	13		
San Juan.....	May 1-31.....	1		
Skagit.....	May 1-Sept. 30.....	6		
Skamania.....	June 1-30.....	1		
Spokane.....	May 1-Sept. 30.....	16		
Thurston.....	May 1-31.....	1		
Whatcom.....	do.....	5		
Whitman.....	do.....	17		
Yakima.....	May 1-Sept. 30.....	99		
Total for State.....		326		
Wisconsin.....				
Counties—				
Adams.....	Nov. 1-30.....	1		July 1-31, no cases.
Ashland.....	June 1-30.....	1		
Barron.....	June 1-Aug. 31.....	4		
Bayfield.....	Oct. 1-Nov. 30.....	5		
Dane.....	Nov. 1-30.....	36		
Douglas.....	June 1-Nov. 30.....	110		
Iowa.....	June 1-30.....	8		
La Crosse.....	Nov. 1-30.....	1		
Milwaukee.....	June 1-30.....	1		
Outagamie.....	Nov. 1-30.....	2		
Pierce.....	Aug. 1-Sept. 30.....	10		
Rock.....	July 1-Nov. 30.....	3		
Vilas.....	June 1-30.....	1		
Winnebago.....	Oct. 1-31.....	1		
Wood.....	June 1-Nov. 30.....	21		
Total for State.....		205		
Grand total for the United States.....		5,337	42	

CHOLERA IN THE UNITED STATES.

Reports Received from June 5 to Dec. 15, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Massachusetts:				
Boston.....	July 20.....	1	1	Removed to quarantine station at Gallups Island.
New York:				
Auburn.....	June 30-July 1....	1	1	From steamship Duca degli Abruzzi, from Genoa and Naples.
Brooklyn.....	June 30-July 4....	1	1	From steamship Duca degli Abruzzi. Removed to quarantine.
New York City.....	July 19-22.....	1	.....	Removed to quarantine.
New York quarantine.....	June 5-Aug. 19....	18	13	Case June 5-July 18 from steamship Europa, from Genoa and Naples. Case July 11 from steamship Carpathia, from Trieste, Fiume, and Italian ports. 5 cases June 18-July 21 among passengers from steamship Duca degli Abruzzi. 9 cases July 12-31 among passengers from steamship Moltke, from Genoa, Naples, and Palermo. 1 case from steamship Konig Albert, from Genoa, Naples, Palermo, and Gibraltar. 1 case Aug. 16 from steamship Re d'Italia.
Staten Island.....	July 14-15.....	1	.....	Removed to quarantine.

PLAGUE IN THE UNITED STATES.

REPORTS RECEIVED FROM JULY 25 TO DEC. 15, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
California:				
Counties—				
Alameda—				
Oakland.....	Aug. 9.....	1	.....	Infection received at Pinole Canyon, Contra Costa County, Cal. 1 mile nw. of Lafayette. 2 miles n. e. of Ripon.
Contra Costa.....	July 25-26.....	1	1	
San Joaquin.....	Sept. 18.....	1	.....

MORBIDITY AND MORTALITY.

MORBIDITY AND MORTALITY TABLE, CITIES OF THE UNITED STATES, FOR WEEK ENDED DEC. 2, 1911.

Cities.	Popula- tion, United States census 1910.	Total deaths from all causes.	Diph- theria.		Measles.		Scarlet fever.		Small- pox.		Tuber- culosis.		Ty- phoid fever.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
<i>Cities having over 500,000 inhabitants.</i>														
Baltimore, Md.	558,485	195	42	3	8	23	2	.....	28	23	23	.....	.....	.....
Boston, Mass.	670,585	191	50	.....	28	20	.....	.....	38	19	12	.....	.....	.....
Chicago, Ill.	2,185,283	537	181	21	20	1	109	7	.....	99	68	34	6	.....
Cleveland, Ohio.	560,663	121	38	3	15	28	3	.....	20	14	7	1	.....	.....
New York, N. Y.	4,766,883	1,291	219	24	251	1	161	4	332	158	82	13	.....	.....
Philadelphia, Pa.	1,549,008	495	73	12	9	23	1	.....	75	60	16	.....	.....	.....
Pittsburgh, Pa.	533,905	160	36	4	11	20	.....	.....	20	18	10	.....	.....	.....
St. Louis, Mo.	687,029	238	37	2	5	15	2	.....	41	14	8	.....	.....	.....

MORBIDITY AND MORTALITY—Continued.

Morbidity and mortality table, cities of the United States, for week ended Dec. 2, 1911—Continued.

Cities.	Popula- tion, United States census 1910.	Total deaths from all causes.	Diph- theria.		Measles.		Scarlet fever.		Small- pox.		Tuber- culosis.		Ty- phoid fever.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Cities having from 300,000 to 500,000 inhabitants.														
Cincinnati, Ohio.....	364,463	129	22	.....	3	.....	19	.....	2	.....	31	12	4	1
Detroit, Mich.....	465,766	137	37	5	.....	.....	15	.....	2	.....	.....	.....	.....	.....
Los Angeles, Cal.....	319,198	102	28	.....	1	.....	18	.....	1	2	3	17	15	3
Milwaukee, Wis.....	373,857	96	23	4	15	.....	26	3	.....	.....	10	3	20	6
Newark, N. J.....	347,469	94	49	2	.....	.....	19	.....	.....	.....	26	11	5	1
New Orleans, La.....	339,075	126	7	.....	.....	.....	9	1	2	.....	31	16	5	1
San Francisco, Cal.....	416,912	164	7	1	67	3	11	.....	1	.....	33	8	8	1
Cities having from 200,000 to 300,000 inhabitants.														
Jersey City, N. J.....	267,779	77	.....	1	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
Providence, R. I.....	224,326	67	21	2	5	.....	11	.....	.....	.....	9	3	.....	.....
Seattle, Wash.....	237,194	.....	7	.....	3	.....	1	.....	.....	4	8	8	.....	.....
Cities having from 100,000 to 200,000 inhabitants.														
Bridgeport, Conn.....	102,054	19	4	.....	.....	.....	1	.....	.....	4	2	1	.....	.....
Cambridge, Mass.....	104,839	29	7	1	1	.....	7	.....	.....	5	3	3	2	.....
Columbus, Ohio.....	181,548	55	16	1	5	1	21	.....	.....	6	6	6	.....	1
Dayton, Ohio.....	116,577	48	1	1	.....	.....	.....	.....	.....	1	4	5	.....	3
Fall River, Mass.....	119,295	33	3	.....	.....	.....	1	.....	.....	3	4	1	.....	.....
Grand Rapids, Mich.....	112,571	24	8	.....	4	.....	4	.....	.....	1	2	2	.....	1
Lowell, Mass.....	106,294	28	1	.....	4	2	11	1	.....	1	2	1	1	.....
Nashville, Tenn.....	110,364	36	6	.....	.....	.....	5	.....	.....	2	6	7	1	.....
Omaha, Nebr.....	124,096	52	.....	.....	.....	.....	5	1	.....	.....	2	.....	.....	1
Spokane, Wash.....	104,402	.....	2	.....	2	.....	4	.....	3	.....	2	2	2	.....
Toledo, Ohio.....	168,497	45	16	.....	.....	.....	11	1	.....	.....	4	4	.....	1
Worcester, Mass.....	145,986	42	8	2	.....	.....	9	.....	.....	5	1	2	.....	.....
Cities having from 50,000 to 100,000 inhabitants.														
Altoona, Pa.....	52,127	14	7	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
Bayonne, N. J.....	55,545	13	2	.....	2	.....	4	.....	.....	1	1	.....	.....	.....
Brookton, Mass.....	56,878	12	1	.....	13	.....	4	.....	.....	2	1	.....	.....	.....
Camden, N. J.....	94,538	.....	4	4	.....	.....	4	.....	.....	1	.....	.....	.....	.....
Covington, Ky.....	53,270	10	2	.....	.....	.....	2	.....	.....	.....	1	1	.....	.....
Duluth, Minn.....	78,466	20	.....	.....	10	.....	1	.....	4	.....	3	2	3	.....
Elizabeth, N. J.....	73,409	12	5	.....	.....	.....	4	.....	.....	.....	1	3	.....	.....
Erie, Pa.....	66,525	24	11	1	1	.....	1	.....	.....	11	1	3	.....	1
Evansville, Ind.....	69,647	29	5	1	.....	.....	1	.....	.....	1	3	3	.....	1
Harrisburg, Pa.....	64,186	27	12	.....	1	.....	1	.....	.....	9	4	1	.....	.....
Hartford, Conn.....	98,915	31	6	.....	1	.....	9	.....	.....	1	1	2	.....	.....
Hoboken, N. J.....	70,324	11	2	.....	.....	.....	1	.....	.....	5	.....	3	.....	.....
Houston, Tex.....	78,800	26	2	.....	.....	.....	2	.....	.....	.....	2	.....	.....	.....
Johnstown, Pa.....	55,482	18	3	1	.....	.....	6	.....	.....	.....	.....	4	.....	.....
Kansas City, Kans.....	82,331	.....	5	.....	1	.....	.....	.....	.....	2	.....	.....	.....	.....
Lawrence, Mass.....	85,892	20	3	.....	.....	.....	3	.....	.....	2	.....	2	.....	.....
Lynn, Mass.....	89,336	15	3	.....	2	.....	8	.....	.....	2	2	.....	.....	.....
Manchester, N. H.....	70,063	19	5	.....	6	.....	1	.....	1	.....	1	.....	.....	.....
New Bedford, Mass.....	96,652	.....	2	.....	2	.....	.....	.....	.....	6	2	4	.....	.....
Oklahoma City, Okla.....	64,205	11	3	.....	.....	.....	1	1	.....	.....	1	2	.....	.....
Passaic, N. J.....	54,773	24	1	.....	1	.....	2	.....	.....	.....	3	.....	.....	.....
Pawtucket, R. I.....	51,622	.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Peoria, Ill.....	66,950	18	3	.....	.....	.....	.....	.....	.....	1	2	1	.....	.....
Reading, Pa.....	96,071	22	10	.....	1	.....	5	.....	.....	5	1	5	1	.....
San Antonio, Tex.....	96,614	47	2	.....	.....	.....	3	.....	.....	.....	5	3	.....	.....
Schenectady, N. Y.....	72,826	15	2	1	2	.....	1	.....	.....	3	2	2	.....	.....
South Bend, Ind.....	53,684	11	3	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....
Springfield, Ill.....	51,678	17	2	.....	.....	.....	.....	.....	.....	.....	3	3	.....	.....
Springfield, Mass.....	88,926	28	7	.....	12	.....	3	.....	.....	5	2	1	.....	.....
Terre Haute, Ind.....	58,157	.....	3	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Trenton, N. J.....	96,815	31	2	.....	.....	.....	2	.....	.....	2	1	32	2	.....
Wilkes-Barre, Pa.....	67,105	19	13	.....	15	.....	.....	.....	.....	3	1	.....	.....	.....
Wilmington, Del.....	87,411	28	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1
Yonkers, N. Y.....	79,803	15	5	1	6	.....	9	.....	.....	3	2	.....	.....	.....

Morbidity and mortality table, cities of the United States, for week ended Dec. 2, 1911—Continued.

Cities.	Population, United States census 1910.	Total deaths from all causes.	Diph- theria.		Measles.		Scarlet fever.		Small- pox.		Tuber- culosis.		Ty- phoid fever.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Cities having from 25,000 to 50,000 inhabitants.														
Atlantic City, N. J.	46,150	9	1	1										
Berkeley, Cal.	40,434	8										1		
Binghamton, N. Y.	48,443	22	2				1							
Brookline, Mass.	27,792	8	5				1				1			
Butte, Mont.	39,165	18			1		2					1		
Chelsea, Mass.	32,452	14	2		1		5				1			
Chicopee, Mass.	25,401												1	
Danville, Ill.	27,871	6	2		1							1		
Dubuque, Iowa.	38,494	5	5				1					1		
East Orange, N. J.	34,571	8	2											1
Elmira, N. Y.	37,176	2	1											
El Paso, Tex.	39,279	22	1				3		1				1	
Everett, Mass.	33,484	5										1		
Haverhill, Mass.	44,115	8	2		2		4				3		1	
Knoxville, Tenn.	36,346	15	2									1		
La Crosse, Wis.	30,417	4	1		1		2		1		1		1	
Lancaster, Pa.	47,227		7						14					
Lexington, Ky.	35,099	11	2	1			1				5	1		
Lima, Ohio.	30,508	8	3									1		
Lynchburg, Va.	29,494	12	3				7				2			
Malden, Mass.	44,404	12	9		1		1				5	1		
Montgomery, Ala.	38,136	17	3				3					2	1	
Mount Vernon, N. Y.	30,919		1		6		1							
Newcastle, Pa.	36,280		8				2						12	
Newport, Ky.	30,309		3								2	2		
Newton, Mass.	39,806	9					1				1		1	
Niagara Falls, N. Y.	30,445	8	1	1								1	3	
Norristown, Pa.	27,875	6	4		2						2		2	1
Orange, N. J.	29,630	5									1	1		
Pittsfield, Mass.	32,121	8	1								2		2	
Portsmouth, Va.	33,190	10	5		1							1		
Racine, Wis.	38,002	9	3				1					2		
Roanoke, Va.	34,874	14	7	1	6		2				2	4	2	
Rockford, Ill.	45,401	20					3					1	9	
San Diego, Cal.	39,578	16	3	1										1
South Omaha, Nebr.	26,259	4	2											
Superior, Wis.	40,384	10	4						13					1
Taunton, Mass.	34,259	13					2				1	1	1	1
Waltham, Mass.	27,834	5			6								1	1
West Hoboken, N. J.	35,403		1				1							
Wheeling, W. Va.	41,641	16	3								3	3	1	
Williamsport, Pa.	31,860	14			1		1					1		
Wilmington, N. C.	25,748	15	1									2		
York, Pa.	44,750		2						1		3		1	
Zanesville, Ohio.	28,026	9	4									1	9	1
Cities having less than 25,000 inhabitants.														
Ann Arbor, Mich.	14,817	4					1							
Beaver Falls, Pa.	12,191	0	1				1						2	
Bennington, Vt.		5			9									
Braddock, Pa.	19,957	12	2								1			
Butler, Pa.	20,782	7	2				2						1	
Cambridge, Ohio.	11,327	3											1	
Carbondale, Pa.	17,040	6			1		1							
Clinton, Mass.	13,075	4										2		
Coffeyville, Kans.	12,687		1				1							
Columbus, Ga.	20,554	8												1
Columbus, Ind.		2	1									1		
Cumberland, Md.	21,839	6					2				3		7	
Dunkirk, N. Y.		5	1										2	
Galesburg, Ill.	22,089	6	1				1		1					1
Greensboro, N. C.	15,895	9	2				1							
Harrison, N. J.	14,498	4												
Homestead, Pa.	18,713	6	4	1			1							
Hyde Park, Mass.	15,507	3	1											

MORBIDITY AND MORTALITY—Continued.

Morbidity and mortality table, cities of the United States, for week ended Dec. 2, 1911—Continued.

Cities.	Popula- tion, United States census 1910.	Total deaths from all causes.	Diph- theria.		Measles.		Scarlet fever.		Small- pox.		Tuber- culosis.		Ty- phoid fever.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
<i>Cities having less than 25,000 inhabitants—Continued.</i>														
Kearny, N. J.	18,659	7	2		2									
Kokomo, Ind.	17,012	2					1				5			
La Fayette, Ind.	12,081	5									1			
Lebanon, Pa.	19,240		6	1							12			
Marinette, Wis.	14,610	1			6		1						7	
Marlboro, Mass.	14,479	4	1											
Massillon, Ohio.	13,879	5	2		1						2			
Medford, Mass.	23,150	4	2								1			
Melrose, Mass.	15,715	4												
Moline, Ill.	24,199	3	5											
Montclair, N. J.	21,150	2	1				1				1		1	
Morristown, N. J.	12,507	6												1
Nanticoke, Pa.	18,857	3			14								1	
Newburyport, Mass.	19,940	4									1			
North Adams, Mass.	22,019	4			1									
Northampton, Mass.	19,431	10	1				1				1			
Ottumwa, Iowa.	22,012	1												
Palmer, Mass.		1												
Peekskill, N. Y.		4												
Plainfield, N. J.	22,550	4			1						1			
Pottstown, Pa.		2												
Saratoga Springs, N. Y.		3									4	1		
South Bethlehem, Pa.	19,973	10			2		1				1		1	
Steelton, Pa.	14,246	2	2								1			
Warren, Ohio.	11,080	2					1							
Wilkinsburg, Pa.	18,924						8							
Woburn, Mass.	15,508	5					1				1			

STATISTICAL REPORTS OF MORBIDITY AND MORTALITY, STATES OF THE UNITED STATES (untabulated).

FLORIDA.—Week ended December 2, 1911. Reports from the State board of health show diphtheria present in 7 localities with 10 cases, malaria in 4 localities with 12 cases, tuberculosis in 3 localities with 4 cases, typhoid fever in 3 localities with 3 cases.

MASSACHUSETTS.—Week ended October 7, 1911. Population of reporting towns, 2,252,568. Total number of deaths from all causes 631, including diphtheria 10, measles 1, tuberculosis 60, typhoid fever 8. Cases reported: Diphtheria 136, measles 75, scarlet fever 100, tuberculosis 95, typhoid fever 113.

Week ended October 14, 1911. Population of reporting towns, 2,539,493. Total number of deaths from all causes 647, including diphtheria 7, measles 1, scarlet fever 1, tuberculosis 52, typhoid fever 7. Cases reported: Diphtheria 166, measles 122, scarlet fever 91, tuberculosis 128, typhoid fever 61.

Week ended October 21, 1911. Population of reporting towns, 2,536,524. Total number of deaths from all causes 617, including diphtheria 7, scarlet fever 1, tuberculosis 47, typhoid fever 9. Cases

reported: Diphtheria 161, measles 89, scarlet fever 123, tuberculosis 122, typhoid fever 69.

Week ended October 28, 1911. Population of reporting towns, 2,524,905. Total number of deaths from all causes 623, including diphtheria 5, measles 3, tuberculosis 60, typhoid fever 7. Cases reported: Diphtheria 179, measles 101, scarlet fever 124, tuberculosis 151, typhoid fever 60.

MICHIGAN.—Month of October, 1911. Population, 2,810,173. Total number of deaths from all causes 2,762, including diphtheria 61, measles 3, scarlet fever 12, tuberculosis 179, typhoid fever 61.¹

NEW YORK.—Month of October, 1911. Population, 9,113,614. Total number of deaths from all causes 10,509, including diphtheria 126, measles 17, scarlet fever 29, smallpox 1, tuberculosis 1,170, typhoid fever 142. Cases reported: Diphtheria 1,427, measles 735, scarlet fever 852, smallpox 9, tuberculosis (pulmonary or laryngeal) 2,189, typhoid fever 885.

OREGON.—Month of July, 1911. Population, 672,675. Total number of deaths from all causes 495, including scarlet fever 4, tuberculosis 46, typhoid fever 7. Cases reported: Diphtheria 34, measles 42, scarlet fever 69, smallpox 8, tuberculosis 12, typhoid fever 20.

Month of August, 1911. Total number of deaths from all causes 480, including diphtheria 2, scarlet fever 2, tuberculosis 37, typhoid fever 7. Cases reported: Diphtheria 15, measles 16, scarlet fever 20, smallpox 11, tuberculosis 9, typhoid fever 32.

Month of September, 1911. Total number of deaths from all causes 436, including diphtheria 1, tuberculosis 42, typhoid fever 12. Cases reported: Diphtheria 15, measles 7, scarlet fever 27, smallpox 15, tuberculosis 13, typhoid fever 67.

¹ For report of morbidity, month of October, 1911, see Public Health Reports, Dec. 8, 1911, p. 1948.

FOREIGN AND INSULAR.

AUSTRIA-HUNGARY.

Status of Cholera.

The following information was received from Ambassador Kerens, at Vienna: During the period from November 5 to 11, 47 new cases of cholera with 10 deaths were reported in Hungary. These cases occurred in 11 localities.

CHINA.

Hongkong—Plague.

Surg. Brown reports November 6: During the week ended November 4, 1 case of plague with 1 death was reported at Hongkong.

ECUADOR.

Plague and Yellow Fever.

During the two weeks ended November 15, plague and yellow fever were reported by the director of public health of Ecuador as follows:

Plague.—At Guayaquil, 57 cases with 22 deaths.

Yellow fever.—At Bucay, 3 cases with 3 deaths; at Chobo, 1 case; at Milagro, 1 case with 1 death; at Guayaquil, 7 cases with 2 deaths; at Naranjito, 1 case with 1 death.

HAWAII.

Honolulu—Smallpox at Quarantine.

Chief Quarantine Officer Ramus reports the occurrence of 7 new cases of smallpox at quarantine. Of these cases 2 occurred on December 17 and 5 on December 18. The total number of cases reported since December 4 is 31 with 2 deaths.

The cases occurred among passengers removed to quarantine from the steamship *Willesden*.

INDIA.

Calcutta—Cholera and Plague.

Acting Asst. Surg. Allan reports November 16: During the week ended October 28, 104 deaths from cholera and 1 death from plague were reported in Calcutta; in all Bengal, 116 cases of plague with 64 deaths; in all India, 11,237 cases of plague with 8,467 deaths.

Madras—Cholera.

Consul Olivares reports November 14: During the week ended November 11, 67 cases of cholera with 52 deaths were reported in the city of Madras as compared with 90 cases with 70 deaths which occurred during the preceding week. The epidemic has, however, spread from the Hindu quarter throughout the city, attacking all classes equally.

A decrease in the prevalence of cholera was reported in the district of Madura, 82 cases with 35 deaths having been reported during the week under report as compared with 116 cases with 49 deaths reported during the preceding week.

Results of Preventive Inoculation.

Consul Olivares further reports: Thirty-nine fatal cases of plague were officially reported among 91,065 persons inoculated against plague in the United Provinces during the year 1910.

ITALY.

Naples—Examination of Emigrants.

Passed Asst. Surg. Robinson reports November 28:

Vessels inspected at Naples and Palermo week ended November 25:

NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Nov. 20	Oceania.....	New York.....	884	250	1,180
20	Luisiana.....	do.....	641	110	830
21	Pannonia.....	do.....			
21	Cincinnati.....	do.....	542	150	850
21	Cretic.....	do.....	471	140	720
22	Duca degli Abruzzi.....	do.....	837	250	1,130
22	Ancona.....	Philadelphia.....	823	270	1,050
	Total.....		4,198	1,170	5,760

PALERMO.

Nov. 21	Martha Washington.....	New York.....			
22	Cretic.....	do.....	54	50	100
24	Giulia.....	do.....			
	Total.....		54	50	100

MEXICO.

Typhus Fever.

At Aguascalientes, Vice Consul Bretherton reported the occurrence of 4 deaths from typhus fever during the three weeks ended November 4, and at Mexico City, Vice Consul Guyant reported 67 cases with 16 deaths during the two weeks ended October 28.

PHILIPPINE ISLANDS.

Status of Cholera.

Acting Chief Quarantine Officer Fox at Manila reports: In Union Province 2 cases of cholera with 2 deaths occurred during the week ended October 21, and 9 cases with 9 deaths during the week ended October 28.

SERVIA.

Status of Cholera.

Consul Bergh at Belgrade reports: During the period from November 9 to 16, 11 cases of cholera with 3 deaths were reported in Servia. The cases occurred in 4 districts.

TURKEY IN ASIA.**Cholera at Adana.**

Consul Nathan reports that six new cases of cholera were reported at Adana November 14. Three deaths from cholera were reported previously. The disease first appeared at Ak Kopru among workmen employed on the new Bagdad railroad and from that point it spread to the city of Adana.

URUGUAY.**Compulsory Vaccination.**

The following information was received December 10 from Consul Goding at Montevideo:

Under a recently enacted law vaccination against smallpox is made obligatory in Uruguay as regards minors, the Government to provide the animal lymph. It is provided that children shall be vaccinated during the first six months, a second vaccination to be performed in 10 years, and a third during the twentieth year of life, the legal custodians of the child being held responsible for the fulfillment of the law. No one may enter the army, police force, health service, educational institutions, or the municipal abattoir who has not been vaccinated and revaccinated. Notice will be given to those infringing this law, and if such persons fail to comply with the provisions of the law they will be subject to a fine and one day's imprisonment, the penalty to be repeated every month until the provisions have been complied with. The enforcement of the law is placed with the national department of hygiene and the municipal authorities of Montevideo.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX.**REPORTS RECEIVED DURING WEEK ENDED DEC. 22, 1911.**

[These tables include cases and deaths recorded in reports received by the Surgeon General, Public Health and Marine-Hospital Service, from American consuls through the Department of State, and from other sources.]

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
India:				
Caleutta.....	Oct. 22-Nov. 4.....		152	
Madras.....	Nov. 5-18.....	167	126	Madras presidency, Oct. 1-31: Cases 3,043, deaths 1,675.
Indo-China:				
Saigon.....	Oct. 23-29.....	2	2	
Italy:	Nov. 12-18.....	94	51	
Provinces—				
Catania.....	.....do.....	86	49	
Rome.....	.....do.....	8	2	
Java:				
Batavia.....	Oct. 29-Nov. 4.....	10	2	
Philippine Islands:				
Provinces—				
Union.....	Oct. 15-28.....	11	11	
Siam:				
Bangkok.....	Oct. 8-Nov. 4.....		51	
Turkey in Asia:				
Haifa.....	Nov. 13-26.....	2	2	
Jaffa.....	Nov. 19-25.....	3	1	
Medina.....	Nov. 2-19.....	36	24	
Mekka.....	Oct. 2-Nov. 21.....	184	50	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received During Week Ended Dec. 22, 1911.

YELLOW FEVER.

Places.	Date.	Cases.	Deaths.	Remarks.
Brazil: Para.....	Nov. 19-25.....	1	1	

PLAGUE.

Chile: Iquique.....	Nov. 5-11.....	4	1	
China: Hongkong.....	Oct. 29-Dec. 4.....	1	1	
India: Calcutta.....	Oct. 22-Nov. 4.....		7	
Karachi.....	Nov. 5-18.....	14	12	
Indo-China: Saigon.....	Oct. 23-29.....	4		
Java: Paseroean Residency.....	Oct. 29-Nov. 4.....	9	3	

SMALLPOX.

Argentina: Rosario.....	Sept. 1-30.....		37	
Austria-Hungary: Silesia.....	Nov. 19-25.....	5		
China: Canton.....	Oct. 29-Nov. 11.....	15	3	
Gibraltar.....	Nov. 27-Dec. 3.....	2		
Hawaii: Honolulu.....	Dec. 17-18.....	7	2	
India: Madras.....	Nov. 12-18.....	13	5	
Indo-China: Saigon.....	Oct. 23-29.....	1		
Italy: Messina.....	Oct. 21-Nov. 18.....		1	
Naples.....	Nov. 19-25.....	11	1	
Palermo.....	Nov. 12-25.....	562	178	
Japan: Yokohama.....	Nov. 15-20.....	1		
Java: Batavia.....	Oct. 29-Nov. 4.....	4	1	
Malta.....	Nov. 19-25.....	1		
Mexico: Mazatlan.....	Nov. 29-Dec. 5.....		2	
Tapachula.....	Oct. 1-31.....		5	
Portuguese East Africa: Lourenco Marquez.....	Sept. 1-30.....		1	
Russia: Odessa.....	Nov. 12-25.....	3		
St. Petersburg.....	Nov. 5-18.....	15		
Warsaw.....	Oct. 29-Nov. 4.....	50	23	
Siam: Bangkok.....	Oct. 8-Nov. 4.....		71	
Spain: Malaga.....	Oct. 1-31.....		24	Dec. 12, present.
Valencia.....	Nov. 19-25.....	10	3	
Switzerland: Zurich, canton.....	Nov. 12-18.....	1		
Turkey in Asia: Beirut.....	Nov. 19-25.....	12	4	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

REPORTS RECEIVED FROM JULY 1 TO DEC. 15, 1911.

[For reports received from Dec. 31, 1910, to June 30, 1911, see Public Health Reports for June 30, 1911. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
Algeria:				
Algiers.....	Sept. 1-30.....	1	1	
Arabia:				
Hodeida.....	June 16-30.....	21	17	Among the civil and the military population. Aug. 5, present among troops.
Austria-Hungary.....				Total Austria-Hungary, exclusive of Hungary, May 24-Oct. 29, 86 cases, 38 deaths; and in Hungary, Aug. 9-Nov. 4: Cases, 195.
Coastland.....				Total May 24-Oct. 29, 1911: Cases, 68; deaths, 30.
Capodistria.....	July 24-Sept. 17.....	12	6	
Cittanova.....	Aug. 21-Sept. 17.....	1	1	
Muggia.....	Aug. 7-13.....	2	1	
Parento.....	May 24-Oct. 29.....	11	6	
Trieste.....	June 4-Aug. 26.....	42	16	
Croatia and Slavonia.....				Total, Aug. 9-Oct. 22, 1911: Cases, 37; deaths, 8.
Draga.....	Sept. 7.....	5		
Fiume.....	Aug. 9-Sept. 16.....	4		
Villages in vicinity.....	Aug. 18-Sept. 9.....	10	6	
Krimeja.....	Sept. 7.....	2		
Kiskozeg.....	Oct. 14-22.....	2		
Krizovljan.....	Aug. 28-Sept. 13.....	2		
Krusedal.....	Aug. 9-Sept. 19.....	1		
Martinci.....	Oct. 14-22.....	2		
Nagykeszi.....	Sept. 9-16.....	3		
Semlin.....	Sept. 19.....	1		
Susak.....	Aug. 28-Sept. 19.....	3		
Vulkovar.....	Sept. 8-9.....	2	2	
Dalmatia.....				Total, cases 10; deaths, 4.
Arbe.....	Aug. 21-Sept. 17.....	6	3	
Cattaro.....	July 6-20.....	4	1	
Hungary.....				Total, Aug. 9-Nov. 18, 1911 Cases, 252, deaths 104.
Districts—				
Baranya.....	Sept. 16-Oct. 14.....	8	1	
Bacs-Bodrog.....	Aug. 24-Nov. 18.....	24	8	Including Czarp.
Esztergom-Gram.....	Sept. 16-23.....	1	1	
Fejer-Weissenburg.....	Sept. 16-Oct. 14.....	7	2	
Komarom-Komorn.....	Sept. 9-Oct. 24.....	17	11	Including Nagykeszi.
Krasso-Sezoreny.....	Sept. 24-Nov. 11.....	24	11	
Moson-Weisselburg.....	Sept. 16-Oct. 28.....	2	1	
Pest-Pilis.....	Aug. 24-Nov. 11.....	18	5	Including Budapest.
Budapest.....	Aug. 24-Nov. 18.....	19	6	
Ulpest.....	Aug. 24-Oct. 7.....	34	26	
Poszony.....	Aug. 24-Sept. 9.....	3		Including Suly.
Stuhlweisselburg.....	Sept. 7-15.....	1	1	
Temes.....	Nov. 12-18.....			
Torontal.....	Oct. 1-Nov. 18.....	91	23	
Zala.....	Sept. 24-30.....	1		In Soramis.
Lower Austria.....				Total cases, 6; deaths, 3.
Prellenkirchen.....	Sept. 18-24.....	1	1	
Vienna.....	Aug. 14-Sept. 17.....	5	2	
Styria—				
Gratz.....	May 24-31.....	2	1	Including case from Waltendorf. p. 1042, vol. 1.
Bulgaria:				
Kalondjik.....	June 18-29.....	1	1	Vicinity of Choumen. From the ship Cyrilla, bound from the coast of Asia Minor.
Sosopolis.....	Sept. 16-Oct. 7.....	20	4	
Varna.....	July 4-Oct. 31.....	3	2	2 cases July 4 from Asia Minor via Constantinople; 1 case, Oct. 31, from s. s. Boris.
Ceylon:				
Colombo.....	May 21-Oct. 7.....	18	13	
China:				
Amoy.....	May 23-July 1.....		4	Aug. 5, present.
Hankow.....	July 22.....			Present.
Hoihow.....	June 2.....			Do.
Dalny.....	Aug. 19-Sept. 2.....	35	19	Sept. 5, present.
Kinchow.....	Aug. 15-Sept. 2.....	10		
Nanking.....	July 22-Aug. 19.....			Present.
Swatow.....	July 22-Aug. 26.....			Do.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from July 1 to Dec. 15, 1911.

CHOLERA—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Dutch East Indies.....				May 28-Sept. 9: Cases, 2,409; deaths, 1,830.
Java—				
Batavia.....	May 14-Oct. 28....	324	299	
Beloe.....	June 15-28.....			Present.
Surabaya.....	Apr. 10-May 6....	44	22	
Egypt:				
Alexandria.....	Aug. 1-Sept. 30...	3	3	Of these, 2 cases in September were from s. s. Saidieh from Constantinople.
France:				
Marseille.....	June 26-Oct. 31....		206	Number of cases occurring from Sept. 1 to 20 not reported. Present to Oct. 18.
Do.....	Sept. 21-28.....	20		
Greece:				
Laurium.....	July 5-8.....	3	1	Case July 5, from a German vessel via Naples.
Piræus, quarantine station.	July 30-Aug. 8....	3		Case July 30, from s. s. Margarita.
India:				
Bassein.....	May 7-July 8.....	2	2	
Bombay.....	June 25-Sept. 23....	4	5	
Calcutta.....	May 7-Oct. 21....		578	
Madras.....	June 4-Nov. 4....	242	175	Madras Presidency, May 1-Sept. 30: Cases, 29,517; deaths, 17,883.
Moulmine.....	May 7-June 17....	4	4	
Negapatam.....	June 11-July 15....		35	
Rangoon.....	May 1-June 30....	31	26	
Indo-China:				
Saigon.....	May 15-Oct. 28....	90	62	And vicinity.
Italy.....				Total for Italy, June 8-Nov. 18: Cases, 15,776; deaths, 5,910.
Provinces—				
Alessandria.....	Aug. 1-Oct. 7....	115	33	
Ancona.....	Sept. 17-Oct. 7....	8	2	
Aquila.....	Aug. 1-Oct. 14....	124	57	
Ascoli.....	Sept. 23-30.....	1		
Avellino.....	July 12-Oct. 21....	234	87	
Bari.....	Aug. 27-Nov. 11....	503	105	
Benevento.....	July 22-Sept. 16....	96	24	
Bergamo.....	Aug. 27-Oct. 21....	118	20	
Bologna.....	Aug. 27-Sept. 30....	30	7	
Cagliari.....	Aug. 27-Nov. 18....	197	61	
Caltanissetta.....	July 17-Nov. 18....	367	108	
Calatabiano.....	Nov. 5-11.....	2	2	
Campobasso.....	July 17-Oct. 21....	765	305	
Carrara.....	Sept. 24-30.....	10	2	
Caserta.....	June 18-Oct. 21....	1,926	731	
Catania.....	July 22-Nov. 18....	882	376	
Catanzaro.....	July 26-Oct. 21....	162	80	
Chieti.....	Aug. 1-Oct. 7....	117	51	
Casoria.....	Sept. 3-9.....	125	37	
Cosenza.....	Aug. 20-Sept. 25....	107	56	
Ferrara.....	Aug. 27-Oct. 21....	50	30	
Florence.....	Sept. 3-Oct. 21....	6	1	
Foggia.....	Aug. 20-Nov. 11....	204	105	
Forlì.....	Aug. 27-Oct. 21....	47	18	
Genoa.....	July 21-Nov. 4....	405	126	
Genoa, city.....	July 13-Oct. 21....	279	133	
Girgenti.....	July 22-Nov. 18....	338	149	
Lecce.....	Aug. 27-Oct. 14....	121	36	
Leghorn.....	July 13-Sept. 25....	768	380	
Lucca.....	Aug. 1-Sept. 16....	10	3	
Massa.....	Aug. 13-Oct. 7....	87	47	
Messina.....	July 17-Nov. 18....	217	69	
Milan.....	Aug. 27-Oct. 14....	20	6	
Naples.....				The Province outside of Naples, June 10-Nov. 4, 1,317 cases, 561 deaths.
Naples, city.....	June 11-Oct. 21....	887	250	
Novara.....	Sept. 24-30.....	4	4	
Padua.....	Aug. 27-Sept. 25....	9	4	
Palermo.....	June 18-Nov. 11....	561	267	
Palermo, city.....	June 15-Nov. 11....	1,463	528	
Pesaro.....	Aug. 20-Oct. 14....	108	47	
Pisa.....	Aug. 20-Sept. 2....	18	8	
Potenza.....	July 31-Sept. 9....	55	13	
Reggio di Calabria.....	Aug. 6-Oct. 7....	6	2	
Reggio Emilia.....	Sept. 30.....	1	1	
Rome.....	June 27-Nov. 18....	327	136	
Rovigo.....	Aug. 27-Oct. 21....	78	11	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from July 1 to Dec. 15, 1911.

CHOLERA—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Italy—Continued.				
Provinces—Continued.				
Salerno.....	June 17-Oct. 21...	1,377	356	
Sassari.....	Sept. 16-Nov. 11...	9	3	
Syracuse.....	Aug. 6-Nov. 18.....	145	51	
Terramo.....	Sept. 3-Oct. 14.....	14	7	
Trapani.....	July 17-Nov. 18.....	258	136	
Venice.....	Aug. 6-Oct. 21.....	302	107	
Vicenza.....	Oct. 14.....	1		
Japan:				
Kobe.....	Aug. 30-Sept. 16...	4	2	
Nagasaki.....	Sept. 11.....	1		On s. s. Kasuga Maru.
Nishomayo.....	Aug. 28-Sept. 3.....	2		Do.
Osaka.....	Aug. 30-Sept. 16...	6		
Malta.....	Oct. 15-Nov. 11.....	22	10	
Montenegro.....	Aug. 14-17.....	4		Among troops.
Cettinje.....	July 29.....	2		
Persia:				
Adaban.....	July 29-Sept. 4.....	19	8	
Ahwaz.....	Aug. 13-Sept. 2.....	128	115	
Mohammerah.....	July 28-Oct. 1.....	236	190	Case July 28, from the cruiser Persepolis.
Nasseri.....	Aug. 12.....	10	5	
Philippine Islands.....				
Laguna.....	Aug. 6-12.....	1		First quarter, 1911: Manila, no cases. Provinces, 199 cases and 160 deaths. Second quarter: Manila, no cases, no deaths. Provinces, no cases, no deaths.
Manila.....	July 23-29.....	1	1	
Provinces—				
Rizal.....	do.....	1		
Union.....	July 23-Sept. 30...	25	21	Total, Sept. 9-Oct. 30: Cases, 98; deaths, 31.
Roumania:				
Districts—				
Braila.....	Sept. 11-Oct. 30...	60		Oct. 10-30: 10 deaths.
Doljui.....	Sept. 11-Nov. 1.....	1		
Covurlui.....	Sept. 11-Oct. 30...	5	3	Including Galatz.
Konstanza.....	do.....	15	11	
Jalomitza.....	do.....	2		
Neamtu.....	do.....	3	2	
Romanti.....	do.....	1		
Talomita.....	Oct. 23-28.....	2	2	
Tulcea.....	Sept. 11-Oct. 30...	12	4	
Russia.....				
Astrakhan, government.....	July 12-Sept. 30...	459	192	New outbreak Apr. 21-Nov. 4: Cases, 2,028; deaths, 1,031; including 7 cases and 2 deaths, p. 1044, vol. 1.
Baku, government.....	Sept. 3-13.....	7	2	
Baku, city.....	July 8-26.....	5	1	
Bessarabia, government.....	Sept. 3-Oct. 14.....	5		
Dagestan, province.....	Aug. 13-19.....	27		
Don Territory.....	Sept. 3-Oct. 14.....	12	4	
Jaroslav, government.....	Aug. 20-26.....	8	3	
Kazan, government.....	Sept. 3-30.....	10	7	
Kosmodemiansk.....	July 2.....	1		
Kherson, government.....	May 3-July 22.....	2		
Odessa.....	Aug. 6-Oct. 14.....	3	1	
Khuban, territory.....	Aug. 13-26.....	1	2	
Moscow.....	Aug. 20-26.....	1	1	
Nizhni Novgorod, government.....	Aug. 20-Sept. 2.....	1		
Novorossisk.....	July 28-Oct. 14.....	13	4	6 cases, July 28-Aug. 6, on British s. s. Wakefield in Black Sea.
Poltava, government.....	June 24.....	1		
Perm, government.....	Sept. 3-13.....	1	1	
Rostov on Don.....	Aug. 6-Oct. 14.....	52	18	Aug. 6-12, 1 case from a Turkish ship from Trebizond. Including Nikolayevsk.
Samara, government.....	June 29-Sept. 13.....	747	407	
Saratov, government.....	July 18-Oct. 14.....	199	90	
Nikolayevsk.....	June 29-July 3.....	15	1	
Tsantzyn.....	July 12-15.....	1	1	
Siberia—				
Omsk.....	June 20-26.....	2		
Simbirsik, government.....	Aug. 6-Sept. 30.....	92	54	
Taurida, government—				
Stavropol.....	July 23-Aug. 19...	7	1	
Tambov, government.....	June 26-Sept. 13...	19	9	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from July 1 to Dec. 15, 1911.

CHOLERA—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Russia—Continued.				
Tver and Kursk, government.	Aug. 6-12.....	1	1	
Ufa, government.	Sept. 13-30.....			9 cases.
Vilna, government—				
Disna.....	June 13.....	1		On the Duna.
Vitebsk, government.....	Sept. 3-13.....	1		
Lepel district.....	June 19.....	1		
Voronesh, government.....	Apr. 28-Aug. 12.....	5		
Yekaterinislav, government	July 8-19.....	2	1	
Servia.....				
Belgrade.....	Sept. 7-Oct. 28....	6	2	Total Aug. 23-Oct. 28: Cases, 73; deaths, 42.
Drazevze.....	Oct. 2.....	1	1	Nov. 18. Present.
Grditze.....	Oct. 3.....	1		
Kagujevatz.....	Oct. 10.....	1	1	
Krushevatz.....	Oct. 14.....	1		
Rachka.....	Aug. 23-Sept. 8....	8	2	Case Aug. 23 from Beoca, Studenitz district.
Ravta.....	Aug. 30-Sept. 2....			Present.
Novo Selo.....	Oct. 15-18.....	9	2	
Suvo Selo.....	Oct. 16.....	1	1	
Semendria.....	Oct. 4-28.....	13	7	
Stubline.....	Oct. 4-10.....	4	4	
Urovizi.....	Oct. 4-20.....	17	11	
Yabutchye.....	Oct. 12.....	1	1	
Siam:				
Bangkok.....	Apr. 16-Oct. 7....		1,026	
Spain:				
Tarragona.....	Aug. 30.....			In vicinity.
Straits Settlements:				
Began Dotah.....	June 16-20.....	11		
Jenderata.....	July 1-8.....	20	13	
Penang.....	May 7-Oct. 21.....	10	12	
Perak.....	May 16-June 21....			Present among Malays and Chinese.
Singapore				
Tripoli.....	May 7-Oct. 21.....	205	202	
Tripoli.....	Oct. 13.....	4		
Tunis Regency.....				
Bizerta.....	Sept. 17-Oct. 30....	355	200	
Tunis.....	July 1-Oct. 31.....	433	272	
Turkey in Asia:				
Adana.....	Nov. 1-15.....		3	7 cases daily.
Alatsham.....	June 19.....	2		
Amara.....	June 21.....			Present.
Bagdad Vilayet.....	May 29-Oct. 28....	492	345	New outbreak.
Basra.....	July 17-Oct. 21.....	361	257	Aug. 9, 1 case, s. s. Budrie.
Beirut.....	Oct. 18.....	2		Aug. 21, present among pilgrims.
Damascus.....	Aug. 14-Nov. 5....	143	111	
Erzeroum Vilayet.....	Sept. 13-30.....			Present in Erzingham and Unieh.
Ezra's Tomb.....	June 17.....	6		70 miles from Basra.
Foghieri.....	July 26.....	2	1	In the Gulf of Smyrna.
Haifa.....	Oct. 3-Nov. 12....	47	36	
Kamaran.....	May 28-July 11....	8	5	Among troops.
Kerassunde.....	Sept. 10-Oct. 7....	22	16	
Kharput.....	Aug. 20-Oct. 14....	32	24	Do.
Medina.....	Sept. 15-Nov. 19....	190	157	
Mersina.....	Nov. 15-21.....	1		
Mekka.....	Sept. 1-Nov. 21....	550	488	
Samsun.....	May 29-July 30....	225	204	And district.
Smyrna.....	Apr. 26-Sept. 24....	974	497	Including 24 cases and 14 deaths, p. 1911, vol. 2.
Trebizond.....	Oct. 16-Nov. 6....	5	1	
Tripoli.....	Sept. 26-Oct. 18....	43	33	
Zongouldak.....	July 1-Oct. 15.....	95	72	And vicinity.
Turkey in Europe:				
Constantinople.....	May 21-Oct. 23.....	2,614	1,483	Do.
Dardanelles.....	Oct. 1-Nov. 11....		3	
Kavak.....	June 5-11.....	1		Aug. 8, present.
Medua.....	Aug. 24-Sept. 1....	5	1	
Soloniki.....	Aug. 11-Nov. 6....	781	482	Among troops.
Valona.....	Aug. 27-Sept. 7....	28	8	
At sea.....	June 23.....	1	1	On s. s. Goeben, bound from Southampton for Suez. Case developed 1 day after leaving Naples.
Do.....	July 25.....			2 cases from s. s. Zar Nicolaus from Algiers.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from July 1 to Dec. 15, 1911.

YELLOW FEVER.

Places.	Date.	Cases.	Deaths.	Remarks.
Bissagos Islands:				
Bulama.....	May 27.....	.....	.....	Present.
Brazil:				
Ceara.....	July 1-31.....	.....	1	
Manaos.....	June 4-Nov. 11.....	.....	30	
Para.....	June 21-Sept. 9.....	5	1	
Pernambuco.....	June 15-Sept. 30.....	.....	11	
British Gold Coast:				
Accra.....	May 23-27.....	3	.....	Among natives.
Colombia:				
Sabanilla.....	Nov. 18.....	.....	1	On the schooner Margarita Sophia from Rio Hacha.
Ecuador:				
Babahoyo.....	July 16-Aug. 15.....	2	2	
Bucay.....	Sept. 1-Nov. 15.....	7	4	
Calaroma.....	July 16-31.....	1	1	
Changué.....	Sept. 16-Nov. 15.....	2	1	
Chobo.....	Oct. 1-31.....	2	.....
Guayaquil.....	June 1-Nov. 15.....	55	21	
Milagro.....	.....do.....	18	14	
Naranjito.....	July 1-Nov. 15.....	9	2	
Yaguachi.....	June 16-July 15.....	1	1	
Gambia:				
Bathurst.....	May 23-27.....	5	2	Among Europeans.
Hawaii:				
Honolulu.....	Oct. 21-28.....	2	.....	1 case arrived convalescent on the s. s. Hongkong Maru from Manzanillo, Mexico. 1 case occurred in quarantine, employee detailed as guard on the s. s. Hongkong Maru.
Mexico:				
Merida.....	.....	.....	.....	Total Aug. 1-Nov. 11: Cases, 45; deaths, 20.
Senegal:				
Dakar.....	Dec. 4.....	.....	.....	Present.
Rufisque.....	.....do.....	.....	.....	Do.
Venezuela:				
Caracas.....	July 1-Nov. 4.....	47	1	
La Pastora.....	Aug. 5.....	.....	.....	Do.
Maiquetia.....	July 22.....	2	.....
San Juan.....	Aug. 5.....	1	.....

PLAGUE.

Algeria:				
Philippeville.....	Nov. 1.....	5	.....
Arabia:				
Maskat.....	May 21-June 15.....	4	2	
Brazil:				
Para.....	July 2-Nov. 18.....	6	4	
Pernambuco.....	June 15-Sept. 30.....	.....	13	
Rio de Janeiro.....	July 16-Oct. 7.....	18	5	
British East Africa:				
Kismayu.....	Apr. 24-Sept. 16.....	60	45	
Nairobi.....	May 27-Sept. 16.....	39	22	
Fort Florence.....	Apr. 26.....	1	1	
Canal Zone:				
Panama.....	Oct. 13-17.....	1	1	At Ancon Hospital from Guayaquil.
Chile:				
Arica.....	June 12-July 28.....	4	3	
Iquique.....	May 14-Oct. 14.....	46	28	
China:				
Amoy.....	May 21-July 17.....	.....	20	To May 28: Cases, 61; July 3, present in the district.
Kulangsu.....	June 17-July 22.....	.....	5	
Canton.....	May 18-Sept. 9.....	.....	.....	Present, and in neighboring cantons.
Hongkong.....	May 14-Oct. 28.....	210	156	Jan. 1-Sept. 16: Cases, 261; deaths 244.
Manchuria:				
Dalny.....	Oct. 25.....	2	1	
Shanghai.....	Aug. 10-26.....	31	19	May 14-27, 3 cases.
Swatow.....	May 21-July 21.....	.....	.....	May 21-June 2, epidemic in Chaochow-fu. Hweilal, Kit-yang, and in Chao-yang, Jan. 1-June 30, 6,000 deaths.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from July 1 to Dec. 15, 1911.

PLAGUE—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Ecuador:				
Guayaquil.....	June 1-Nov. 15....	214	76	
Egypt.....				Total, Jan. 1-Nov. 14: Cases, 1,606; deaths, 998.
Alexandria.....	May 31-Sept. 23....	45	20	
Cairo.....	Feb. 12-May 31....	1	1	
Ismailia.....	Oct. 12.....	1		
Port Said.....	May 27-Nov. 14....	42	18	On s. s. Yeddo, bound for Calcutta from New York via Naples and Torrevieja, Spain.
Assiout.....	May 31-Oct. 13....	8	6	
Behera.....	May 23-Oct. 13....	3	3	
Beni Souef.....	May 23-Aug. 10....	4	1	
Dakahlieh.....	May 29-June 11....	2	1	
Fayoum.....	May 28-Oct. 15....	9	6	
Galioubeh.....	June 1-Oct. 4.....	5	1	
Girgeh.....	Apr. 19-Oct. 29....	6	4	
Kena.....	May 30-June 12....	5	5	
Menouf.....	May 31-Oct. 13....	2		
Minieh.....	June 1-July 27....	29	11	
Great Britain:				
Suffolk.....	Oct. 10.....	1		In Admiralty Barracks, parish of Shotley, Samford rural district.
Hawaii:				
Kapulena.....	Oct. 28.....	1	1	
India:				
Bahrein Island.....	May 15-July 16....		1,925	In Persian Gulf.
Bombay.....	May 21-Nov. 18....	687	599	
Calcutta.....	May 7-Oct. 22....		750	
Karachi.....	May 28-Nov. 4.....	221	219	
Rangoon.....	May 1-Sept. 30....	10,054	7,302	
Bombay Presidency and Sind.....	May 7-Oct. 28....	77,604	54,058	
Madras Presidency.....	do.....	9,159	7,076	
Bengal.....	do.....	3,150	2,829	
United Provinces.....	do.....	19,370	18,532	
Punjab.....	do.....	61,076	53,489	
Burma.....	do.....	1,954	1,822	
Eastern Bengal and Assam.....	Aug. 6-26.....	2	12	
Central Provinces.....	May 7-Oct. 28....	5,251	3,703	
Coorg.....	Aug. 27-Oct. 14....	16	12	
Mysore State.....	May 7-Oct. 28....	12,045	8,721	
Hyderabad State.....	do.....	3,670	2,715	
Central India.....	do.....	4,133	3,380	
Rajputana and Ajmere.....	May 20-Oct. 28....	1,805	1,540	
Merwara.....				
Kashmir.....	May 7-July 1.....	624	425	
North West Province.....	do.....	110	79	Total for India May 15 to Oct. 28: Cases, 199,969; deaths, 158,393.
Indo-China:				
Saigon.....	May 15-Oct. 22....	358	112	And vicinity.
Japan:				
Formosa.....	May 21-July 1....	115	106	In Kagi Province from Jan. 1 to June 15: Cases, 355, including report, p. 1047, vol. 1.
Java:				
Kediri.....	Mar. 31-July 22....	60	21	
Madison.....	June 1-Aug. 26....	2		
Paseroean Residency, Malang district.....	May 14-Oct. 28....	764	225	
Surabaya.....	Apr. 30-May 18....	21	4	
Mauritius.....	Mar. 1-Oct. 19....	13	7	
Morocco:				
Cherouba.....	Sept. 29.....			Present.
Mazagan.....	July 13-Oct. 17....			Present among the Doukalo. 5 hours distant.
New Zealand:				
Auckland.....	May 1-8.....	5		Total since Mar. 21: Cases, 8; deaths, 1.
Paraguay:				
Asuncion.....	Aug. 1-Sept. 2....	23	14	Present.
Persia:				
Buchir.....	May 14-June 25....	94	80	
Lingah.....	May 18-28.....	7		From Debai, on opposite Arabian coast.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from July 1 to Dec. 15, 1911.

PLAGUE—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Peru:				
Departments—				
Ancachs.....	Apr. 30-June 17....	9	2	
Arequipa.....	Apr. 23-June 17....	20	4	Sept. 5, present in Mollendo.
Cajamarca.....	do.....			Aug. 10, present.
Callao.....	Apr. 23-Sept. 30....	14	8	
Chiclayo.....	Apr. 30-Sept. 30....	22	10	
Lambayeque.....	Apr. 23-June 3....	24	12	
Libertad.....	Apr. 23-Sept. 16....	16	11	Aug. 21, present in Moche.
Lima.....	do.....	73	34	
Pacasmayo.....	Apr. 30-June 3....	3	2	
Philippine Islands.				
Mariveles quarantine station.	May 25-26.....	1	1	From s. s. Taisang from Amoy.
Russian Empire:				
Odessa.....	June 18-Aug. 8....	8	2	
Astrakhan Government—				
Ujaly.....	July 3.....			Present.
Saratschin.....	June 18-24.....	3	3	
Kirghis Steppe—				
Akbulak.....	July 13-Aug. 2....	5	2	Pneumonic.
Kjubekndik.....	July 15.....	5	4	Do.
Naryma.....	June 24.....	4	4	
Nadarov.....	Sept. 14-Oct. 23....		5	In vicinity of Sharasung on the Transbaikal railway.
Siam:				
Bangkok.....	Apr. 16-Oct. 7....	73	82	
Straits Settlements:				
Singapore.....	May 21-Oct. 21....	8	8	
Turkey in Asia:				
Adalia.....	July 7-Aug. 30....	4		
Basra.....	May 21-31.....	4	2	
Beirut.....	Aug. 21.....			Present among pilgrims, and present in the Lebanon district.
Brusa.....	Aug. 2-15.....	2		
Mersina.....	Nov. 1-15.....	1	1	
Smyrna.....	Sept. 17-22.....	2	1	
Venezuela:				
Baruta.....	Sept. 3-9.....			
Caracas.....	May 29-Oct. 14....	17		
Santa Rosalia.....	Aug. 5.....	1		
Zanzibar:				
Zanzibar.....	Sept. 7-21.....	3	3	

SMALLPOX.

Algeria:				
Departments—				
Algiers.....	Mar. 1-Oct. 31....		10	
Constantine.....	Mar. 1-May. 31....	74		
Arabia:				
Aden.....	Apr. 11-Oct. 9....	208	8	And vicinity.
Argentina:				
Buenos Aires.....	Apr. 1-Sept. 30....		144	
Rosario.....	Apr. 1-June 30....		125	
Australia:				
Sydney.....	Sept. 1-25.....	1	1	At North Head quarantine station, from s. s. Van Lichten from Batavia.
Austria-Hungary:				
Bohemia.....	May 28-June 17....	5		
Galicia.....	May 28-July 15....	3		
Trieste.....	Nov. 5-11.....	1		From s. s. Amphitrite from Beirut.
Brazil:				
Bahia.....	Apr. 1-30.....		1	
Ceara.....	June 1-30.....		1	
Para.....	June 25-Oct. 28....	10	2	
Pernambuco.....	June 1-Sept. 30....		863	
Rio de Janeiro.....	May 28-Oct. 11....	38	3	
Sao Paulo.....	May 15-21.....		1	
Canada:				
British Columbia—				
Vancouver.....	July 9-Sept. 23....	8		
Victoria.....	May 1-31.....	10		

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from July 1 to Dec. 15, 1911.

SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Canada—Continued.				
Manitoba—				
Fort Alexander.....	July 8.....	19	.....	Among Indians.
Lac de Bonnet.....	do.....	1	.....
Point du Bois.....	do.....	.....	.....	Epidemic.
Selkirk.....	do.....	1	.....	From Mapleton.
Winnipeg.....	July 23-29.....	1	.....
New Brunswick—				
Newcastle.....	July 15-Aug. 5.....	.....	.....	Present in vicinity.
Ontario—				
Ottawa.....	June 11-Dec. 9.....	47	.....
Nova Scotia—				
Halifax.....	May 23-Sept. 30.....	6	.....
Prince Edward Island—				
Charlottetown.....	June 14-20.....	1	.....
Quebec—				
Montreal.....	July 9-Dec. 9.....	9	.....
Quebec.....	June 18-Dec. 9.....	127	1	
Yukon.....	Sept. 17.....	66	1	On the Porcupine.
Dawson.....	June 4-July 11.....	15	.....
Ceylon:				
Colombo.....	May 21-Nov. 11.....	47	6	
Chile:				
Antofagasta.....	Oct. 17-Sept. 2.....	15	6	
Caldera.....	June 24.....	2	1	
Iquique.....	Oct. 1-15.....	1	1	
Punta Arenas.....	June 1-July 31.....	3	1	
Talcahuano.....	June 27-Nov. 11.....	146	31	
Valparaiso.....	June 24-Nov. 4.....	412	.....	Deaths not reported.
China:				
Canton.....	Oct. 1-28.....	10	2	
Chunking.....	May 28-Oct. 28.....	.....	.....	Present.
Hongkong.....	May 21-Oct. 28.....	43	32	
Nanking.....	May 28-Nov. 4.....	.....	.....	Do.
Shanghai.....	May 24-July 16.....	2	8	Deaths among natives.
Swatow.....	May 28-July 22.....	.....	.....	Present in the district.
Colombia:				
Cartagena.....	May 22-July 9.....	.....	.....	Present.
Egypt:				
Alexandria.....	Apr. 1-July 31.....	64	32	
Cairo.....	May 22-Nov. 11.....	19	6	
Port Said.....	May 29-Aug. 19.....	14	13	
France:				
Havre.....	July 16-22.....	1	1	
Marseille.....	Aug. 1-31.....	.....	1	
Paris.....	June 18-Oct. 29.....	17	1	
Germany:				
Bremen.....	July 9-15.....	1	.....	Total for Germany, June 4-Nov. 25: Cases, 34.
Hamburg.....	Aug. 6-19.....	.....	.....	3 cases on s. s. Prinz Regent.
Gibraltar.....	June 4-Nov. 5.....	4	.....
Great Britain:				
Birmingham.....	July 2-15.....	1	1	
Dundee.....	June 11-Aug. 12.....	10	3	
Liverpool.....	June 18-Oct. 7.....	8	.....
London.....	June 4-24.....	13	.....
Plymouth.....	July 2-8.....	.....	1	
Sheffield.....	June 18-24.....	.....	1	
Hawaii:				
Honolulu.....	Dec. 4-18.....	31	19	From s. s. Willesden.
India:				
Bombay.....	May 21-Nov. 18.....	147	87	
Calcutta.....	May 7-June 24.....	.....	6	
Madras.....	May 21-Nov. 4.....	185	78	
Rangoon.....	May 1-Sept. 30.....	347	171	
Indo-China:				
Saigon.....	May 15-Oct. 22.....	138	54	And vicinity.
Italy:				
Catania.....	July 19-Aug. 12.....	.....	4	
Genoa.....	Aug. 1-Nov. 30.....	20	3	
Leghorn.....	Oct. 22-Nov. 11.....	2	.....
Naples.....	June 11-Nov. 18.....	139	19	
Palermo.....	June 4-Nov. 11.....	1,936	926	
Japan:				
Yokohama.....	June 13-19.....	1	.....
Java:				
Batavia.....	July 2-Oct. 28.....	51	11	
Mexico:				
Aguascalientes.....	Aug. 28-Oct. 15.....	.....	6	
Cananea, mines.....	Sept. 12-22.....	30	.....	Oct. 28, 45 cases present.
Chihuahua.....	June 28-Nov. 17.....	29	14	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from July 1 to Dec. 15, 1911.

SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Mexico—Continued.				
Frontera.....	June 19-24.....	1	3	
Guadalajara.....	June 18-Aug. 19...	10	6	
Inuris.....	Sept. 22.....	35	6	
Juarez.....	July 9-Dec. 9.....	13	6	Present.
Magdalena.....	Oct. 23.....	13	175	July 23-Nov. 4, 81 cases.
Mazatlan.....	Aug. 6-Nov. 7.....	25	23	
Mexico.....	May 21-Nov. 4.....			
Porfirio Diaz.....	July 23-Dec. 2.....			
San Juan Bautista.....	June 17-July 15.....			Present and in vicinity. Aug. 26, increasing.
San Luis Potosi.....	June 4-Nov. 4.....	24	24	
Tampico.....	June 11-Oct. 31.....		10	
Tapachula.....	July 8-Sept. 23.....		19	
Peru.....				
Salaverry.....	Aug. 1-7.....			Present.
Trujillo.....	Oct. 23-30.....			Do.
Philippine Islands.....				First quarter, 1911, Manila: Cases, 93; deaths, 0. Second quarter: Cases, 142; deaths, 0.
Portugal:				
Lisbon.....	June 4-Nov. 25.....	120		May 7-20, deaths, 3.
Porto Rico:				
Ponce.....	Apr. 1-30.....		1	
Portuguese East Africa:				
Lourenco Marquez.....	do.....		1	
Roumania.....				Total, Mar. 1-Apr. 30, 1911: Cases, 18,319; deaths, 774.
Russia:				
Batum.....	May 1-Oct. 31.....	6		
Libau.....	June 5-Oct. 22.....	16	1	July 16, 1 death.
Moscow.....	May 28-Nov. 11.....	174	87	
Odessa.....	May 27-Sept. 16.....	8		
Reval.....	May 1-31.....	5		
Riga.....	May 27-Nov. 11.....	28		Apr. 1-May 31, deaths, 14.
St. Petersburg.....	May 21-Oct. 28.....	176	36	
Warsaw.....	Apr. 2-Oct. 14.....	436	200	
Windau.....	June 25-July 1.....			Present.
Siam:				
Bangkok.....	Apr. 16-Oct. 7.....		182	
Siberia:				
Omsk.....	May 29-Oct. 3.....	4		
Vladivostok.....	May 14-Aug. 28.....	18	15	
South Africa:				
Port Elizabeth.....	May 21-27.....	1		
South Australia:				
Adelaide.....	Apr. 15.....			1 case from Colombo on str. Mooltan.
Spain:				
Barcelona.....	May 6-17.....		4	
Cadiz.....	Oct. 1-31.....		5	
Madrid.....	June 1-Oct. 31.....		6	
Malaga.....	June 1-Sept. 30.....		35	
Seville.....	June 1-Oct. 31.....		14	
Valencia.....	June 4-Nov. 18.....	79	12	
Straits Settlements:				
Penang.....	Apr. 30-Oct. 14.....	9	4	
Singapore.....	May 7-Oct. 21.....	171	45	
Switzerland:				
Aargau, canton.....	Sept. 24-30.....	4		
Ticino, canton.....	May 28-June 3.....	1		
Teneriffe:				
Santa Cruz.....	Oct. 22-Nov. 11.....		3	
Turkey in Asia:				
Beirut.....	May 27-Nov. 18.....	165	48	
Kharput.....	May 21-June 10.....	34	3	
Turkey in Europe:				
Constantinople.....	June 4-Nov. 19.....		29	
Saloniki.....	Sept. 1-30.....		5	
Uruguay:				
Montevideo.....	Apr. 1-Aug. 31.....	51	17	
Zanzibar:				
Zanzibar.....	May 15-Oct. 27.....	29	17	
At sea.....				May 15, 1 case on s. s. Narrung; vessel quarantined at Adelaide, Melbourne, and Sydney. Sept. 30, 1 case on s. s. Eastern, from Hongkong. Vessel quarantined at Sydney to Oct. 20.

MORTALITY.

WEEKLY MORTALITY TABLE, FOREIGN AND INSULAR CITIES.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhoid fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Aberdeen	Nov. 25	153,108	64								1			
Aix la Chapelle	Nov. 11	156,412	45						3			1	1	
Amsterdam	Dec. 2	579,705	110	18							1	2	1	4
Antwerp	Nov. 18	327,668	66	6							2			
Do	Nov. 25		74	6								1		
Asuncion	Nov. 4	75,000	32	1						1				
Athens	Nov. 12	250,010	85	13						1				
Batavia	Nov. 4	217,630			3	2		1		2				
Barcelona	Nov. 29	591,272	240	22						5		2		
Beirut	Nov. 25	80,000	25	2				4		8				
Belfast	do	385,492	128	19							2			5
Do	Dec. 2		101	12							1	1		3
Belgrade	Nov. 18	90,050	30			1					6			
Birmingham	Dec. 2	842,512	188							1	2	3	1	5
Bombay	Nov. 11	977,822	583	38	6			2						
Do	Nov. 18		509	29	8			1						
Bordeaux	Nov. 25	253,000	97	13									1	
Do	Dec. 2		76	13								1		
Bradford	Nov. 25	288,723	82	4								3		
Bremen	Nov. 11	246,850	49	5								4		1
Do	Nov. 18		60	7							1	4		1
Bristol	Dec. 2	357,509	92	6							1	1		
Brunswick	Nov. 11	145,000		4							6	15		
Bradford	Dec. 2	288,723	93	6						1		1		
Brussels	Nov. 25	649,846	141	27						1	2	1		
Budapest	Nov. 11	1,000,000								2	8	4	3	1
Do	Nov. 18									3	8	2	8	
Cairo	Nov. 11	689,439	403	20				1	4	5		5	4	
Do	Nov. 18		412	28					1	3	1	13		
Calcutta	Oct. 28	890,493	550	30	1								1	
Do	Nov. 4		502	23	6	48							1	
Canso	Dec. 9	2,800												
Canton	Oct. 28—	1,000,000	250	30				3		7				
Catania	Nov. 25	207,600	69	1							3			
Do	Dec. 1		56	4					1					
Chemnitz	Nov. 4	295,600	90	10							1			
Do	Nov. 18	298,000	79	7								4		2
Christiana	do	245,000	80	7								2	2	
Do	Nov. 25		60	8							1	1	3	1
Cienfuegos	do	33,578	22	3						1				
Coburg	Nov. 11	23,737	10								2			
Do	Nov. 18		13								1			
Cognac	do	19,168		1						1				
Cologne	Nov. 11	520,689	131	26							1	2	2	
Do	Nov. 18		140	17						1		4	4	
Do	Nov. 25	522,694	119	18							2	2	2	1
Colombo	Oct. 21	213,974	137	11						6				
Do	Oct. 28		146	15						12				1
Do	Nov. 4		136	11				1		6				
Do	Nov. 11		137	9				2		4				
Constantinople	Nov. 19	1,000,000	196	21				6		5	1			
Copenhagen	Nov. 11	462,000	108	13										2
Do	Nov. 18		113	12							2	1	3	
Dardanelles	Nov. 11	11,875		1		1								
Dresden	do	555,100	157	31						1	2	9	2	1
Do	Nov. 18		143	17							3	6		2
Dublin	Nov. 11	403,732	179	24							3	2	6	
Do	Nov. 18		186	34							2	4	5	4
Do	Nov. 25		165	30						2	2		4	3
Do	Dec. 2		169	23					1	1	1	3	3	3
Dundee	Nov. 25	171,006	53	5								3		
Do	Dec. 2		49	6								2		1
Durban	Oct. 28	69,165	24	1								1		
Edinburgh	Nov. 18	320,829	118	13								1		1
Do	Nov. 25		93	13							1			1
Do	Dec. 2		106	9								1	1	
Fiume	Nov. 25	50,811	18	7						2				
Frankfort-on-Main	Nov. 11	419,300	84									3		
Do	Nov. 18		83								1	1		

MORTALITY—Continued.

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhoid fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Frontara.....	Dec. 2	9,000	5							1				
Georgetown.....	Nov. 25	56,000	46	3						1				
Ghent.....	Nov. 18	165,965	38	4						2				
Gibraltar.....	Dec. 3	25,367	11	1										
Glasgow.....	Dec. 1	784,655	282						1	2	3	4	7	4
Do.....	Dec. 8		283							2	1	8	11	3
Gottanborg.....	Nov. 18	168,000	33	6						1	1		1	
Do.....	Nov. 25		37	3								2		
Haifa.....	Nov. 12	25,000				1								
Do.....	Nov. 19					1								
Do.....	Nov. 25					1								
Hamburg.....	Nov. 18	931,035	258	22							6	27	5	3
Do.....	Nov. 25		271	28						1	3	12	7	6
Havre.....	Nov. 18	136,150	56	11						2				
Do.....	Nov. 25		45	7						2				
Do.....	Dec. 2		61	9								1		
Hongkong.....	Oct. 28	336,488			1			1						
Do.....	Nov. 4				1									
Hull.....	Nov. 18	278,968	83							4				1
Do.....	Nov. 25		102								2			
Do.....	Dec. 2		93									1		
Iquique.....	Nov. 11	40,000		8	1									
Jaffa.....	Nov. 18	50,000	9							2				
Do.....	Nov. 25		10	1		1				1				
Karachi.....	Nov. 4	148,000	78		1									
Do.....	Nov. 11		75		7									
Do.....	Nov. 18		71		5									
Kingston.....	Nov. 25	50,584		1						1				
Kobe.....	Nov. 12	404,351	146							1	1	1		
Klonsberg.....	Nov. 11	247,300	85	6						1	1		1	2
Do.....	Nov. 18		84	9						1	1	1	2	
Leeds.....	Nov. 25	445,568	145	13						2		5	1	1
Do.....	Dec. 2		155	16							2	2	1	3
Leipzig.....	Nov. 18	595,703	148	23						1	1	5		
Do.....	Nov. 25		158	22						2		4		
Leith.....	Nov. 18	80,674	20	2								1	1	
Do.....	Nov. 25		16	1										
Do.....	Dec. 2		23	3							1			
Liege.....	Nov. 18	167,521	52	5								1		
Liverpool.....	Nov. 25	747,627	274	21						1	2	1	2	2
Do.....	Dec. 2		298	21						1	1	5		1
London.....	Nov. 18	7,269,752	1,681							4	7	32	13	10
Do.....	Nov. 25		1,635							10	5	26	10	10
Do.....	Dec. 2		1,914							11	1	20	9	7
Lyon.....	Oct. 1	523,796	933	155						8		8	5	
Do.....	Nov. 25													
Madras.....	Nov. 4	518,660	553			70		3		1				
Do.....	Nov. 11		577			52		3			1			
Do.....	Nov. 18		633			74		5		2		1		
Magdeburg.....	Nov. 4	281,411	92	10						1	3	3		1
Do.....	Nov. 11		108	11						1	3	7		1
Do.....	Nov. 18		82	10							3	6		2
Manaos.....	Nov. 11	52,000	30	1			2							
Manchester.....	Nov. 18	631,533	215	21						1	2	2	7	1
Do.....	Nov. 25		232	29						1	1	2	1	1
Mannheim.....	Nov. 11	197,057	36	5							1			
Do.....	Nov. 18		32	8							1			
Monterey.....	Dec. 3	100,000	83	1						2	2			
Do.....	Dec. 10		68	3						2	1			
Maracaibo.....	Nov. 26	50,000	14	1						1				
Mazatlan.....	Dec. 5	22,000	12					2						
Mersina.....	Nov. 1-15	20,000	5		1									
Mexico.....	Oct. 28	719,052	319	14			1	7			1		1	2
Do.....	Nov. 4		316	31				9			2			2
Montreal.....	Dec. 2	466,197	149	20						5	2			3
Do.....	Dec. 9		150	19						5	3	4		3
Moscow.....	Nov. 11	1,500,000	652	74						1	17	10	26	2

MORTALITY—Continued.

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—									
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhoid fever.	Scarlet fever.	Diphtheria.	Measles.
Munich.....	Nov. 11	597,000	161	21	....	....	....	....	....	1	1	2	....
Nagoya.....	Oct. 28	417,207	105	....	....	....	....	....	....	3	1	1	....
Do.....	Nov. 4	....	123	....	....	....	....	....	....	5	....	3	....
Newcastle-on-Tyne.....	Nov. 11	267,261	80	5	....	....	....	....	....	1	....	....	1
Do.....	Nov. 18	....	81	11	....	....	....	....	....	....	1	....	1
Do.....	Nov. 25	....	105	12	....	....	....	....	....	2	....	....	....
Do.....	Dec. 2	....	92	6	....	....	....	....	....	....	1	....	....
Nottingham.....	Nov. 25	259,942	72	....	....	....	....	....	....	1	....	....	4
Odessa.....	Nov. 4	546,000	177	20	....	....	....	....	....	5	5	7	2
Do.....	Nov. 11	....	179	33	....	....	....	....	....	1	6	5	2
Do.....	Nov. 16	....	187	19	....	....	....	....	....	6	1	5	3
Do.....	Nov. 25	....	173	29	....	....	....	....	....	8	3	5	3
Ottawa.....	do.	90,000	31	3	....	....	....	....	....	....	....	3	....
Do.....	Dec. 2	....	25	1	....	....	....	....	....	....	....	....	....
Do.....	Dec. 9	....	25	1	....	....	....	....	....	....	1	....	....
Palermo.....	Nov. 18	340,000	203	2	....	....	....	82	3	....	3	....	....
Do.....	Nov. 25	....	244	7	....	....	....	96	4	....	2	....	1
Para.....	do.	185,000	74	10	....	....	1	....	....	....	....	....	....
Patras.....	Nov. 26	40,000	14	1	....	....	....	....	....	2	....	....	....
Penang.....	Oct. 28	101,427	20	....	....	....	....	....	....	1	....	....	....
Porfirio Diaz.....	Dec. 2	16,000	10	1	....	....	....	3	....	....	....	....	....
Port Elizabeth.....	Nov. 4	30,692	11	2	....	....	....	....	....	....	....	....	....
Port Said.....	Nov. 11	52,811	15	1	....	....	....	....	....	1	....	....	1
Do.....	Nov. 18	....	22	4	....	....	....	....	1	....	....	....	....
Prague.....	Nov. 11	223,747	73	7	....	....	....	....	....	....	1	2	1
Do.....	Nov. 18	....	71	10	....	....	....	....	....	....	2	2	1
Quebec.....	Dec. 2	78,067	....	....	....	....	....	....	....	....	....	....	....
Do.....	Dec. 9	....	....	....	....	....	....	....	....	1	1	....	....
Rangoon.....	Oct. 14	289,432	192	....	8	....	....	1	....	....	....	....	....
Do.....	Oct. 21	....	169	....	5	1	....	2	....	....	....	....	....
Do.....	Nov. 4	....	172	....	2	....	....	....	....	....	....	....	....
Do.....	Nov. 11	....	175	....	8	1	....	2	....	....	....	....	....
Rio de Janeiro.....	Oct. 14	898,699	316	57	....	....	....	....	....	2	....	1	6
Do.....	Oct. 21	....	371	77	....	....	....	1	....	....	....	4	1
Do.....	Oct. 28	....	378	91	....	....	....	....	....	....	....	1	1
Do.....	Nov. 4	....	377	83	....	....	....	....	....	....	....	1	3
Do.....	Nov. 11	....	293	57	....	....	....	....	....	2	....	1	5
Rotterdam.....	Nov. 18	434,405	105	....	....	....	....	....	....	3	....	....	....
Do.....	Nov. 25	433,450	85	....	....	....	....	....	....	1	....	....	....
Do.....	Dec. 2	434,405	108	....	....	....	....	2	....	....	....	....	....
Saigon.....	Oct. 29 ¹	206,000	....	....	....	2	....	....	....	....	....	....	....
St. Johns, Newfoundland.....	Dec. 9	32,000	....	....	....	....	....	....	....	....	1	....	....
St. Johns, Quebec.....	do.	6,000	4	1	....	....	....	....	....	1	....	....	....
St. Petersburg.....	Nov. 11	1,907,708	642	108	....	....	....	....	....	13	9	4	23
Do.....	Nov. 18	....	657	105	....	....	....	....	....	28	9	6	23
Salina Cruz.....	Nov. 25	6,138	5	....	....	....	....	....	....	1	....	....	....
Zan Luis Potosi.....	Nov. 4	82,946	53	4	....	....	....	1	....	1	....	....	....
Do.....	Nov. 11	....	46	1	....	....	....	....	....	1	....	....	....
Santa Cruz de Tenerife.....	Nov. 25	41,200	17	2	....	....	....	....	....	....	....	....	....
Santiago de Cuba.....	Dec. 2	53,614	19	1	....	....	....	....	....	1	....	....	....
Smyrna.....	Nov. 4	400,000	54	14	....	....	....	....	....	2	1	1	....
Do.....	Nov. 11	....	45	14	....	....	....	....	....	1	....	....	....
Do.....	Nov. 18	....	53	11	....	....	....	....	....	2	....	....	....
Do.....	Nov. 25	....	44	9	....	....	....	....	....	....	1	....	....
Shanghai.....	Nov. 12	492,000	124	12	....	....	....	....	....	7	....	....	....
Southampton.....	Nov. 25	119,394	29	1	....	....	....	....	....	....	....	....	....
South Shields.....	Nov. 18	108,844	38	4	....	....	....	....	....	....	1	....	1
Stettin.....	do.	240,000	79	6	....	....	....	....	....	....	2	1	....
Do.....	Nov. 25	250,000	70	10	....	....	....	....	....	....	2	1	....
Stockholm.....	Nov. 18	....	72	16	....	....	....	....	....	....	2	2	....
Stoke-on-Trent.....	Dec. 2	235,049	86	7	....	....	....	....	....	....	2	3	2
Swansea.....	do.	115,100	33	....	....	....	....	....	....	....	....	....	....
Tapachula.....	Oct. 1-31	25,000	108	4	....	....	....	5	1	....	1	....	1
Toronto.....	Dec. 9	392,000	121	3	....	....	....	....	....	4	....	7	....
Tripoli Syria.....	Nov. 19	35,000	....	....	....	1	....	....	....	....	....	....	....
Do.....	Nov. 11	....	....	....	....	3	....	....	....	....	....	....	....
Valencia.....	Nov. 25	240,000	107	5	....	....	....	3	....	1	....	1	....

¹ And neighboring provinces.

MORTALITY—Continued.

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—								
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhoid fever.	Scarlet fever.	Diphtheria.
Vancouver.....	Nov. 25	100,333	19	...	...	...	...	...	...	1	...	1
Do.....	Dec. 2	...	22	...	...	...	...	...	...	3	...	...
Vladivostok.....	(Sept. 28	84,578	50	5	...	...	...	...	...	5	5	1
Do.....	Oct. 21											
Victoria.....	Dec. 9	31,620	7	...	...	...	...	...	...	1	...	...
Trinidad.....	Nov. 18	60,000	32	2	...	...	...	...	...	1	...	1
Warsaw.....	Sept. 20	797,093	337	21	...	...	...	...	...	7	26	2
Do.....	Nov. 4	...	276	25	...	...	...	...	...	8	13	1
Do.....	Oct. 7	...	282	28	...	...	...	...	...	6	23	5
Do.....	Oct. 14	...	314	36	...	...	...	...	...	7	24	2
Do.....	Oct. 21	...	338	36	...	...	...	...	...	3	32	4
Do.....	Oct. 28	...	297	30	...	...	...	...	...	3	21	4
Vienna.....	Nov. 11	2,064,583	604	97	...	...	...	...	...	2	2	3
West Hartlepool.....	Nov. 25	63,932	20	...	...	...	...	...	...	...	1	...
Do.....	Dec. 2	...	19	...	...	...	...	...	...	...	1	...
Winnipeg.....	do.....	135,430	27	3	...	...	...	...	...	1	3	1
Yokohama.....	Nov. 20	419,630	...	...	...	...	...	...	...	2	...	...
Do.....	Nov. 27	...	...	...	...	...	...	...	...	1	...	2

MORTALITY—FOREIGN AND INSULAR—COUNTRIES AND CITIES (untabulated).

ALGERIA—*Algiers*.—Month of October, 1911. Population, 172,397. Total number of deaths from all causes 326, including diphtheria 27, smallpox 1, tuberculosis 45, typhoid fever 15.

ARGENTINA—*Buenos Aires*.—Month of September, 1911. Population, 1,337,493. Total number of deaths from all causes 1,674, including diphtheria 32, measles 7, scarlet fever 12, smallpox 11, tuberculosis 185, typhoid fever 14.

BRAZIL—*Ceara*.—Month of October, 1911. Population, 60,000. Total number of deaths from all causes 115, including tuberculosis 16, typhoid fever 8.

BRITISH INDIA—*Rangoon*.—Month of September, 1911. Population, 289,432. Total number of deaths from all causes 702, including measles 1, plague 69, smallpox 6, tuberculosis 29.

GREAT BRITAIN.—Week ended November 18, 1911.

England and Wales.—The deaths registered in 77 great towns correspond to an annual rate of 13.9 per 1,000 of the population, which is estimated at 16,157,797.

Ireland.—The deaths registered in 21 principal town districts correspond to an annual rate of 19 per 1,000 of the population, which is estimated at 1,149,495. The lowest rate was recorded at Galway, viz, 7.9 and the highest at Lurgan, viz, 25.8 per 1,000.

Scotland.—The deaths registered in 8 principal towns correspond to an annual rate of 18.6 per 1,000 of the population, which is

estimated at 1,710,291. The lowest rate recorded was 12.3 at Dundee and the highest at Aberdeen, viz, 21.7 per 1,000. The total number of deaths from all causes was 611, including diphtheria 8, measles 28, scarlet fever 4, typhoid fever 1.

ITALY—*Genoa*.—Two weeks ended November 15, 1911. Population 272,077. Total number of deaths from all causes 150, including tuberculosis 54.

Messina.—Period from October 21 to November 18, 1911. Population 127,000. Total number of deaths from all causes 119, including cholera 5, diphtheria 2, smallpox 1, tuberculosis 8, typhoid fever 1, typhus fever 1.

MALTA.—Two weeks ended November 18, 1911. Population 213,395. Total number of deaths from all causes 241, including diphtheria 1, measles 1, smallpox 2, tuberculosis 7, typhoid fever 2.

PORTUGUESE EAST AFRICA—*Lourenço Marquez*.—Month of September, 1911. Population 10,000. Total number of deaths from all causes 51, including smallpox 1, tuberculosis, 11.

SOUTH AFRICA—*Bloemfontein*.—Month of October, 1911. Population, 11,500. Total number of deaths from all causes 12, including tuberculosis 3.

Johannesburg.—Two weeks ended November 4, 1911. Population, 237,220. Total number of deaths from all causes 195, including measles 1, scarlet fever 1, tuberculosis 27, typhoid fever 5.

SPAIN—*Barcelona*.—Period from November 4 to 15, 1911. Population, 591,272. Total number of deaths from all causes 591, including diphtheria 5, tuberculosis 36, typhoid fever 8.

Cádiz.—Month of November, 1911. Population, 67,306. Total number of deaths from all causes 141, including scarlet fever 1, smallpox 5, tuberculosis 26, typhoid fever 1.

URUGUAY—*Montevideo*.—Month of September, 1911. Population, 321,224. Total number of deaths from all causes 505, including diphtheria 5, measles 1, smallpox 2, tuberculosis 69, typhoid fever, 1.

By authority of the Secretary of the Treasury:

A. H. GLENNAN,
Acting Surgeon General,
United States Public Health and Marine-Hospital Service.