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UNITED STATES.

THE CHOLERA SITUATION.

No case of cholera has been reported as having developed in the United States since those recorded in the Public Health Reports of July 28.

Information received from Italy indicates that the disease is spreading. American consuls in that country were accordingly directed August 18 to detain all steerage passengers for five days prior to departure regardless of their place of origin. A like provision had previously applied to steerage passengers from infected localities.

On August 22 Passed Asst. Surg. W. W. King was detailed by order of the President for duty in the office of the American consul at Genoa, Italy, to enforce the provisions of the quarantine act approved February 15, 1893, and to sign bills of health in conjunction with the American consul.

Dr. King had been previously stationed at the port of Naples, from which station he was detached for temporary duty at Genoa. His duties are to inspect all steerage passengers embarking at Genoa and to certify to the enforcement of the regulations governing the detention of steerage passengers for five days prior to embarkation, the disinfection of their baggage, and the elimination therefrom of foodstuffs, etc.

Like measures are now being observed at all ports of embarkation in Italy, commissioned medical officers of the service being stationed at the ports of Naples, Palermo, and Genoa, and acting assistant surgeons at the ports of Messina and Catania.

NEW YORK.

Passed Asst. Surg. von Ezdorf reported August 17 the release of the steamship *Venezia* from quarantine after the removal of the steerage passengers to Hoffmann Island, where they were segregated in three groups. One girl among the passengers so removed was found to be a cholera bacillus carrier. Dr. von Ezdorf had previously reported the arrival of the *Venezia* August 11, from Marseille, Naples, and Palermo, with a history of one death at sea, clinically diagnosed

as cholera, which was confirmed bacteriologically at the quarantine laboratory.¹

He also reported, August 17, the arrival of the steamship *Konig Albert* from Genoa, Naples, Palermo, and Gibraltar with 232 members of crew, 107 first cabin, 135 second cabin, and 359 steerage passengers. Two sailors were sick during the voyage and clinically suspicious of cholera. Cultures and specimens were examined bacteriologically, and on August 19 a case of cholera was confirmed bacteriologically in a sailor, and one cholera bacillus carrier was found August 20 in the person of a fireman. The carrier was immediately removed to Swinburne Island. All firemen have separate quarters and dining service and contact with remaining crew is limited. Examination of passengers was bacteriologically negative.

On August 18 he further reported the arrival of the steamship *Re d'Italia* from Genoa, Naples, and Palermo with 96 cabin and 259 steerage passengers. Three deaths, reported clinically cholera, occurred during the voyage in children among steerage passengers. One member of the crew and one steerage passenger who were sick on arrival were being examined bacteriologically. Isolation and disinfection on board were excellent. The first case was of a Greek child from Odessa via Piraeus and Naples, who arrived at Naples August 1, was detained at emigration barracks, embarked August 3, was taken sick August 6, and died August 7. Two children were taken sick August 7. One died August 8 and one on August 11.

In a later report, dated August 20, Dr. von Ezdorf reported that cholera was confirmed bacteriologically August 19 in the case of one child who died at sea on the *Re d'Italia*, and that cholera was also confirmed in the case of the steerage steward who arrived sick. One cholera bacillus carrier was found among passengers of the same vessel August 20.

Cholera Carrier at Grosse Isle Quarantine, Canada.

Acting Asst. Surg. Bailey at Quebec reported August 15 the detention at Grosse Isle Quarantine Station of a cholera carrier in the person of an Italian steerage passenger destined for Canada.

THE PRESENCE OF ENTAMÆBA HISTOLYTICA AND E. COLI IN NORTH CAROLINA.

By CH. WARDELL STILES, Professor of Zoology, Hygienic Laboratory, Washington, D. C.

There are still many physicians who do not admit or recognize the presence of more than one species of amœba as parasitic in man and who on this account are being misled in regard to amœbic dysentery.

In studies now being conducted at the marine hospital, Wilmington, N. C., there has been no difficulty in differentiating two species of amœbæ in fecal specimens. One of these corresponds to the pathogenic form, *Entamœba histolytica*; the other to the non-pathogenic form, *E. coli*. I have not yet recognized *E. tetragena* at this station. *E. coli* is rather common.

¹ Public Health Reports, Aug. 18, 1911, page 1227.

THE ABILITY OF FLY LARVÆ TO CRAWL THROUGH SAND.

By CH. WARDELL STILES, Professor of Zoology, and HARRY McCCLURE MILLER, B. S.,
Assistant, Hygienic Laboratory, Washington, D. C.

Last year Stiles and Gardner published the results of certain experiments on the burial of fecal material containing fly larvæ. They showed that if this material is buried under 48 or 72 inches of sand, the flies will crawl to the surface and issue as adults.

A purely academic criticism might be raised against their experiments, on the ground that part of the sand used had not been sterilized. To meet this point, the experiments have been repeated this summer with sand that was thoroughly boiled before using. The results are as follows:

Experiment 46.—July 12 a pint of fecal material from a surface privy in a typhoid locality and containing numerous fly larvæ was buried under 48 inches of sterilized sand in a standpipe which was carefully cemented and screened. A Hodge flytrap was placed inside the screen.

Adult flies were taken from the trap as follows:

July 21.....	80
July 25.....	655
July 29.....	6
Aug. 6.....	11
Total.....	752

Experiment 47.—On July 12 a pint of fecal material from the same privy was buried under 72 inches of sterilized sand, with the same precautions from outside contamination.

Flies were taken from the trap as follows:

July 21.....	100
July 25.....	750
July 29.....	4
August 6.....	9
Total.....	863

The larval flies had crawled up and pupated near the surface. At least two species of flies are represented in the material collected. These have not yet been examined by any specialist on flies, but will be sent to one for determination. One of the species appears to agree with the common "house fly," "typhoid fly," or "filth fly" (*Musca domestica*).

In connection with these two experiments the following observations are instructive:

Experiment 40.—Two Hodge flytraps were set for 24 hours, one in the privy from which the feces for experiments 46 and 47 were taken, the other in the dining room of the house, about 40 feet away from the privy. At the end of 24 hours, 293 flies were taken from the flytrap in the privy, and 1,742 flies were taken from the flytrap in the dining room. These flies, which appear to us to be the common house fly, have been sent to L. O. Howard, chief of the Bureau of Entomology, for definite specific determination.

A HEALTH MOVEMENT INAUGURATED AMONG THE NEGRO POPULATION OF WILMINGTON, N. C.

Prof. Ch. W. Stiles reports August 8, 1911:

A public-health movement has been inaugurated in Wilmington, N. C., among the colored population, a good roads and health association having been formed among them. After conference with the health officer it was decided to hold health rallies at the various negro churches Sunday afternoons. The speakers for the first meeting were the mayor, one of the members of the city council, the health officer, and Prof. Stiles. There were possibly 800 to 1,000 negroes present, and considerable interest was manifested.

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

[Adopted since Jan. 1, 1910.]

SALEM, MASS.

ICE CREAM—SALE OF.

REG. 60. No person shall sell or offer for sale in the city of Salem any ice cream, or preparation similar thereto, until the place of manufacture of the same, the utensils and receptacles used, and the wagon or other means of carrying the same shall have been examined by an inspector of the board of health. Such inspector, when satisfied as to the cleanliness of all articles used, shall provide such person with his certificate to that effect.

Inspectors shall examine all articles used in the business as often as they may deem necessary, and whenever an inspector shall certify that proper cleanliness is not observed, either in the place of manufacture, in the implements, materials, or manner of making ice cream, etc., or in the manner of carrying or selling the same, no further sales of such ice cream shall be allowed until the objectionable features are removed and the inspector so certifies. [Regulation board of health, adopted Mar. 22, 1910.]

GARBAGE, REFUSE, OFFAL—DISPOSAL OF.

REG. 29. No person, other than employees of the city engaged in public work, shall remove, cart, or carry through any of the streets, lanes, or alleys of the city the contents of any vault or privy, any refuse, swill, offal, or filth of any kind, ashes excepted, from any of the dwelling houses, grounds, or other places in any cart, wagon, truck, handcart, or other vehicle unless such person so removing, together with the cart, shall be duly licensed for that employment and purpose by the board of health, upon such terms and conditions as they shall deem the health, comfort, convenience, or interest of the city require.

REG. 30. The licenses referred to in regulation 29 shall terminate on the 1st day of April in each year. They shall be upon the following conditions, viz, that—

1. All vehicles and vessels used by the licensee in such business shall be so constructed and maintained as to prevent the escape of any of their contents and shall be kept tightly covered. All such vehicles and vessels shall be at all times subject to inspection by the board of health and its officers.

2. Every such vehicle shall have the initials of the owner and number of the license, in letters and figures 2 inches in height, painted on the outside of each side.

3. When the holder of the license discontinues the business for which it is granted, he shall return his license to this office.

4. This license is revocable by the board of health at any time. [Regulation board of health, adopted Mar. 22, 1910.]

PLUMBING—HOUSE DRAINAGE—CESSPOOLS—PRIVY VAULTS.

REG. 31. The house drain and other pipes for the conveyance of sewage shall be laid with uniform grade and with a fall of not less than 1 inch in 4 feet. Such drains and pipes shall in material and workmanship be in accordance with the laws and ordinances relating to plumbing, and shall be reconstructed whenever in the opinion of the board of health this may be necessary.

REG. 32. The owner, agent, or occupant of any tenement used as a dwelling house, or of any other building with which there is a privy connected and used, shall furnish the same with a sufficient drain, and unless said drain be connected with a common sewer, a cesspool underground to carry off the waste water, and also with a suitable privy, the vault of which shall be sunk under ground, and built in the manner hereinafter prescribed, and of a capacity proportionate to the number of inhabitants of such house or building; and all such inhabitants shall have the unrestricted use of such a drain, cesspool, privy, and vault. No person shall connect any privy or water-closet with any drain discharging into a main drain or common sewer, except under direction of the board of health.

REG. 32. If the board of health shall at any time be satisfied that any dwelling house or building mentioned in the preceding section is not provided with a suitable drain, cesspool, privy, or vault, as aforesaid, they shall give notice in writing to the owner, agent, or occupant, or other person having the care thereof; or in case neither the owner, agent, nor person having the care thereof is an inhabitant of the city, public notice in two newspapers, printed in Salem, requiring such owner, agent, occupant, or other person, within such time as they shall appoint to cause a proper and sufficient drain, cesspool, privy, and vault, or either of them, to be constructed for such house or building, to be common and subject to the use of all the inhabitants thereof; and in case of neglect or refusal to obey such notice, the board of health shall cause such drain, cesspool, privy, or vault to be made for such dwelling house or building at the expense of such owner, agent, occupant, or other person.

REG. 34. All vaults hereafter built shall be so constructed that the inside of the same shall be at least 2 feet distant from the line of every adjoining lot, unless the owner of said adjoining lot shall otherwise agree and consent, in writing (such consent to be filed in the office of the board of health), and at the same distance from every street, lane, alley, court, square, or public place, or public or private passageway; and they shall be so constructed as to be conveniently approached, opened, and cleansed. Every vault shall be made tight; and whenever any drain, cesspool, vault, or privy shall become offensive, the same shall be cleansed, and the owner, agent, occupant, or any other person having charge of the land in which any drain, cesspool, vault, or privy is situated, the condition of which is in violation of the provisions of this regulation, shall cause the same to be removed, cleansed, altered, amended, or repaired, within such reasonable time after notice in writing to that effect, given by the board of health, as shall be expressed in such notice; and in case of neglect or refusal to do so the board of health may cause the same to be removed, cleansed, altered, amended, or repaired, as they may deem expedient, at the expense of the owner, agent, occupant, or other person, as aforesaid.

REG. 35. No cesspool or privy vaults shall be emptied without a permit from the board of health. The owner, occupant, or person in charge of the premises whereon any privy vault is situated shall have such vault thoroughly and completely emptied at least once each year, at his own expense. The entire contents of each privy, vault, and cesspool shall be removed, and such privy, vault, or cesspool shall immediately thereafter be properly deodorized. Orders for the emptying of such vaults shall be left at the office of the board of health at the city hall.

REG. 36. No person without a permit first obtained from the board of health, shall drive or cause to be driven any cart or wagon containing night soil, or any wagon or cart used for that purpose, through any street, lane, or alley in this city, nor permit any such wagon or cart to stand in any street, lane, or alley in the city. [Regulation, board of health, adopted Mar. 22, 1910.]

STABLES—REGULATION OF.

REG. 37. The owners and occupants of livery and other stables within the city shall not wash or clean their carriages or horses in the streets or public ways of this city or permit them to be so washed or cleaned. They shall keep their stables and yards clean, and not allow more than three cords of manure to accumulate or remain upon their premises at any one time, and no manure shall be allowed to remain uncovered out of the stable building, nor permit the stable or grounds connected therewith to be foul or unclean.

REG. 38. Manure shall not be loaded upon or across any passageway or sidewalk, except in stables heretofore constructed from which it is impossible to load it otherwise, and in such cases the passageway or sidewalk shall be thoroughly cleaned and swept immediately after such loading. Manure shall only be removed in a tight vehicle. [Regulation board of health, adopted Mar. 22, 1910.]

ANIMALS—KEEPING OF IN CITY.

REG. 39. No person shall keep any fowl or animal in any part of a dwelling house, or in any place in the city where the board of health may deem such keeping detrimental to the health or comfort of the residents of the neighborhood, or to those who may pass thereby; and said board shall have the power to remove or cause to be removed therefrom any such fowl or animal so kept.

REG. 40. No swine or cattle shall be kept within the limits of the city without a license first obtained therefor from the board of health, and then only in such places and manner as it shall direct. [Regulation board of health, adopted Mar. 22, 1910.]

OFFENSIVE TRADES AND OCCUPATIONS.

REG. 41. The board of health hereby prohibits the exercise of the following trades or employments, viz: Those of slaughtering animals, of rendering animal matter, of manufacturing fertilizers, of mixing or storing refuse animal or vegetable substances, of smoking fish or meat, of refining oils, of making egg dressing, varnish, glue, gas, water gas, gasoline, or any burning fluid, within the city, except at the place or places where such trades or employments are now lawfully established, or which may hereafter be assigned by said board; such trades or employment being either nuisances, or hurtful to the inhabitants of said city, dangerous to the public health, attended by noisome and injurious odors, or otherwise injurious to the health of said inhabitants.

REG. 42. No dwelling, or any part thereof, within the city of Salem, shall be used for the sale, storage, sorting, or handling of rags, old paper, or other refuse matter, without a written permit of the board of health. [Regulation board of health, adopted Mar. 22, 1910.]

DUMPING OF ASHES AND REFUSE, ETC.

REG. 43. No person owning or occupying any premises within the limits of the city of Salem, and no city officer controlling or in charge of city premises, shall cause any ashes or refuse material to be placed thereon, or shall allow such premises to be used as a public dump for ashes, refuse, or other material, without a permit from the board of health, and only in accordance with such permit.

REG. 44. No person shall, without permission from the board of health, throw into or deposit in or upon any street, way, wharf, public place, or vacant lot, or throw into or deposit in any pond, or body of water within the limits of the city, any dead animal, dirt, sawdust, waste water, rubbish, filth or any refuse matter or substance whatever. Nor shall any person throw into or deposit in or upon any dock, flats, or tidewater within the jurisdiction of the city any dead animal, or any foul or offensive matter, nor land any foul or offensive substance within the city. No person shall keep in his house, or on his land or premises, any house offal, unless the same is placed in a suitable vessel, free from ashes and other refuse matter, and so placed as to be easily moved.

REG. 45. The permits named in regulation 44 shall be in force for three months, and may be renewed thereafter for periods not exceeding one month each by the clerk of this board.

REG. 46. No salt or mixture of salt with other matter shall be sprinkled or put upon any public street, or way, or sidewalk of the city while snow or ice overlies the surface of such street, way or sidewalk without the written permission of the board of health.

REG. 47. The word "person" used in these regulations shall include corporations. [Regulation board of health, adopted Mar. 22, 1910.]

QUARANTINE—MARITIME.

REG. 48. From the 1st day of April in any year to the 1st day of January next following, all vessels arriving in this harbor from any foreign port or from any port south of Virginia, and also vessels arriving from any place in the United States where they may have touched on their way from any foreign port or place above named, shall come to and stop at the quarantine ground in said harbor.

REG. 49. The quarantine ground established for the port of Salem is that portion of Salem Harbor included within the following boundaries: Beginning at Eagle Island, so called, and running northwesterly to Coney Island; thence from said Coney Island in a more northerly direction to the Great Haste; thence from said Great Haste easterly to Bowditch's ledge, and from said ledge southwesterly to said Eagle Island.

REG. 50. The clerk of the board of health, who is hereby made its agent, shall visit all vessels that may arrive at the quarantine ground as soon as practicable after knowledge of such arrival has been by any means obtained by him, and shall make

such examinations as to the sanitary condition of said vessel, its cargo, officers, seamen, passengers, or other persons who may be on board, and such inquiry as to the port from which said vessel sailed as may be necessary. He may be assisted in such examination by any member or members of the board of health.

REG. 51. No vessel arriving in said harbor from the ports aforesaid shall leave the quarantine ground until the examination provided by said regulation 50 shall have been fully completed, nor without a written permit from the board of health or its said agents.

REG. 52. In case the board of health shall be of the opinion that any vessel arriving in said harbor, or the cargo thereof, is foul or infected so as to endanger the public health, such vessel shall at once be removed to the quarantine ground and be thoroughly purified in such manner as said board or its said agent shall direct, at the expense of the owners, consignees, or persons in possession of said vessel, and shall not leave said quarantine ground until it shall have received a written permit as provided by said regulation 51.

REG. 53. While a vessel remains at the quarantine ground its cargo shall not be handled, nor shall anything whatsoever be removed from such vessel; nor shall any person or persons go on board or leave the same without the permission of the board of health or its said agent. Every vessel while at the quarantine ground shall constantly keep hoisted a yellow flag not less than 3 feet in length and 2 feet in width.

REG. 54. For any permit granted under regulation 51 or 52 the said clerk shall have the right to demand and receive from each vessel, her masters, or owners, the fee established by the board of health. [Regulation board of health, adopted Mar. 22, 1910.]

REGULATIONS—ENFORCEMENT AND PENALTY.

REG. 55. These regulations shall take effect on and after their publication, as provided herein in regulation 56.

REG. 56. These regulations shall apply to the entire city of Salem, shall be entered and recorded on the records of said city of Salem, and shall be published in a newspaper published in said city of Salem.

REG. 57. The police are authorized to enforce these regulations and to report to the board of health any violation thereof.

REG. 58. Whoever violates any of these regulations shall forfeit a sum not exceeding \$100, excepting where otherwise provided by law. [Regulation board of health, adopted Mar. 22, 1910.]

PLAGUE-PREVENTION WORK.

A CASE OF PLAGUE IN CALIFORNIA.

A case of plague occurred at Oakland, Cal., August 9, in the person of a native Californian, aged 16 years. The infection was received at Pinol Cañon, Contra Costa County, Cal.

INFECTED GROUND SQUIRRELS.

During the week ended August 5, 1911, the finding of 18 plague-infected ground squirrels was reported in California as follows: In Contra Costa County, July 14, at Hittell ranch, 3 miles south of Pinole, 1 squirrel; July 18, at J. Costa ranch, 3 miles northeast of Pinole, 3 squirrels, and at Fernandez, 1 mile south of Pinole, 1 squirrel; July 19, at Peoples' Water Co. land, 1 squirrel; July 24, at Freitas ranch, 4 miles east of Pinole, 1 squirrel; July 25, at Fassler ranch, 2 miles east of Pinole, 1 squirrel; and July 26, at Fassler ranch, 1 squirrel, and at Peoples' Water Co. land, 2½ miles north of Stege, 1 squirrel; July 29, at Peoples' Water Co. land, 2½ miles north of Stege, 1 squirrel; July 31, 1 squirrel, and August 3, 1 squirrel; July 28, at Keller ranch, 2¾ miles east of Stege, 1 squirrel; July 28, at Mason Field ranch, 2¼ miles northeast of Stege, 1 squirrel, and Mason ranch, 3½ miles northeast of Stege, 1 squirrel, and August 3, 1 squirrel; July 29, at Buckley ranch, 4 miles east of Berkeley, 1 squirrel.

DISTRIBUTION OF POISON.

In connection with the making of a squirrel-free zone around the cities of California on San Francisco Bay, 3,341 acres of land in Alameda County and 1,015 acres in Contra Costa County were covered with poison during the week ended August 5, 1911.

During the same period 115 acres of land in Merced County and 90 acres in San Benito 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.....	Oct. 26, 1909.....	Dec. 1, 1908.....	do.....	126 rats.
Berkeley.....	Aug. 27, 1907.....	None.....	do.....	None.
Los Angeles.....	Aug. 11, 1908.....	do.....	Aug. 21, 1908.....	1 squirrel.

Record of plague infection—Continued.

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—Continued.				
Counties—				
Alameda (exclusive of Oakland and Berkeley).	Sept. 26, 1909....	Wood rat, Oct. 17, 1909.	July 24, 1911.....	107 squirrels; 1 wood rat.
Contra Costa.....	July 21, 1911.....	None.....	Aug. 3, 1911.....	278 squirrels.
Merced.....	None.....	do.....	July 13, 1911.....	5 squirrels.
Monterey.....	do.....	do.....	June 6, 1910.....	4 squirrels.
San Benito.....	June 5, 1910.....	do.....	June 8, 1911.....	22 squirrels.
San Joaquin.....	None.....	do.....	June 29, 1911.....	17 squirrels.
San Luis Obispo.....	do.....	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:				
Cities—				
Seattle.....	Oct. 30, 1907.....	Feb. 8, 1910.....	None.....	22 rats.

Rats Collected and Examined for Plague Infection.

Places.	Found dead.	Total collected.	Examined.	Found infected.
California:				
Cities—				
Berkeley.....		1 117	80	
Oakland.....	35	2 669	467	
San Francisco.....	20	1, 679	1, 214	

¹ Identified, *Mus norvegicus* 89, *Mus musculus* 28.

² Identified, *Mus norvegicus* 535, *Mus musculus* 134.

³ Identified, *Mus norvegicus* 947, *Mus musculus* 337, *Mus rattus* 220, *Mus alexandrinus* 175.

Squirrels Collected and Examined for Plague Infection.

Places.	Shot or trapped.	Found dead.	Examined.	Found infected.
California:				
Counties—				
Alameda.....	272	116	301	
Butte.....	21		21	
Contra Costa.....	148	135	222	18
Glenn.....	288		237	
Lake.....	138	28	166	
Mendocino.....	193	11	186	
Merced.....	37	1	38	
Monterey.....	414		383	
Plumas.....	38		38	
San Benito.....	25	1	26	
Sonoma.....	45		45	
Stanislaus.....	255		255	
Sutter.....	22		22	
Tehama.....	102		102	
Yolo.....	175	3	178	
Nevada:				
Counties—				
Douglas.....	109		109	
Ormsby.....	18		18	
Oregon:				
Counties—				
Jackson.....	38		38	
Total.....	2, 338	295	2, 385	18

Other Animals Collected and Examined.

Places.	Animals collected.	Exam-ined.	Found infected.
California:			
Cities—			
San Francisco	1 gopher	1	
Counties—			
Butte	1 rabbit	1	
Glenn	4 rabbits	4	
Lake	17 rabbits	17	
Monterey	1 gopher, 2 chipmunks	2	
Plumas	2 chipmunks, 1 wood rat	1	
Sonoma	3 rabbits, 1 cat	4	
Stanislaus	9 rabbits	9	
Sutter	3 rabbits	3	
Tehama	8 rabbits	8	
Yolo	2 rabbits	2	
Total		52	

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 August 25, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
*Alabama:				
Montgomery	Aug. 6-12	1		
Florida:				
Counties—				
Duval	Aug. 7-13	5		
Gadsden	Aug. 1-6	29		
Sumter	do	1		
Washington	do	2		
Total for State		37		
Kansas:				
Counties—				
Allen	May 1-31	7		
Atchison	do	1		
Barton	do	6		
Clay	do	1		
Cloud	do	1		
Crawford	do	1		
Dickinson	do	13		
Doniphan	do	15		
Douglas	do	1		
Elk	do	15		
Franklin	do	4		
Graham	do	1		
Harvey	do	10		
Haskell	do	19		
Johnson	do	4		
Labette	do	3		
Leavenworth	do	2		
Marion	do	3		
Marshall	do	3		
Miami	do	3		
Mitchell	do	6		
Montgomery	do	5		
Norton	do	8		
Osage	do	1	3	
Pottawatomie	do	2		
Reno	do	3		

SMALLPOX IN THE UNITED STATES—Continued.
Reports Received During Week Ended Aug. 25, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Kansas—Continued.				
Counties—Continued.				
Republic.....	May 1-31.....	1		
Rice.....	do.....	6		
Riley.....	do.....	5		
Rooks.....	do.....	4		
Saline.....	do.....	5		
Sedgwick.....	do.....	7		
Shawnee.....	do.....	12		
Smith.....	do.....	18		
Thomas.....	do.....	2		
Washington.....	do.....	1		
Wyandotte.....	do.....	22		
Total for State.....		221	3	
Anderson.....	June 1-30.....	15		
Atchison.....	do.....	1		
Barton.....	do.....	2		
Crawford.....	do.....	16		
Douglas.....	do.....	1		
Ellsworth.....	do.....	1		
Graham.....	do.....	2		
Harvey.....	do.....	10		
Jefferson.....	do.....	3		
Johnson.....	do.....	1		
Kearny.....	do.....	1		
Labette.....	do.....	5		
Lane.....	do.....	11		
Leavenworth.....	do.....	1		
Norton.....	do.....	1		
Rice.....	do.....	7		
Riley.....	do.....	4		
Shawnee.....	do.....	10	1	
Saline.....	do.....	2		
Sedgwick.....	do.....	1		
Sherman.....	do.....	1		
Wyandotte.....	do.....	3		
Total for State.....		99	1	
Louisiana:				
New Orleans.....	Aug. 7-13.....	2		
Montana:				
Counties—				
Beaverhead.....	July 1-31.....	1		
Cascade.....	do.....	1		
Jefferson.....	do.....	4		
Park.....	do.....	1		
Powell.....	do.....	2		
Silverbow.....	do.....	3		
Teton.....	do.....	3		
Yellowstone.....	do.....	1		
Total for State.....		16		
New York.....	June 1-30.....	1		Additional.
Rhode Island:				
Providence.....	June 15-July 14.....	3		
Virginia:				
Counties—				
Greenville.....	July 1-31.....	4		
Hanover.....	do.....	1		
Lee.....	do.....	8		
Pittsylvania.....	do.....	4		
Total for State.....		17		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Aug. 18, 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-July 1.....	2		
Total for State.....		5		
Arizona:				
Counties—				
Cochise.....	July 1-31.....	1		
California:				
Counties—				
Los Angeles.....	May 1-June 30....	7		
Santa Cruz.....	May 1-31.....	1		
San Diego.....	do.....	1		
San Francisco.....	May 1-June 30....	2		
Total for State.....		11		
Connecticut, entire State.....				May 1-31, no cases.
Middlesex County.....	July 1-31.....	1		
Colorado:				
Counties—				
Boulder.....	June 1-30.....	1		
Chaffee.....	do.....	3		
Clear Creek.....	do.....	5		
Conejos.....	do.....	4		
Costilla.....	do.....	1		
Delta.....	do.....	7		
Denver.....	do.....	20		
El Paso.....	do.....	3		
Huerfano.....	do.....	3		
Lake.....	do.....	6		
La Plata.....	do.....	4		
Larimer.....	do.....	8		
Lincoln.....	do.....	2		
Mesa.....	do.....	1		
Phillips.....	do.....	1		
Pueblo.....	do.....	5		
San Miguel.....	do.....	1		
Washington.....	do.....	6		
Total for State.....		80		
District of Columbia.....	July 2-8.....	5		
Florida:				
Counties—				
Bradford.....	July 17-22.....	2		
Citrus.....	July 9-22.....	2		
Columbia.....	July 2-8.....	1		
De Soto.....	June 16-July 22...	4		
Duval.....	do.....	25		
Escambia.....	do.....	5		
Gadsden.....	July 9-16.....	20		
Hillsboro.....	June 16-July 16....	2		
Jackson.....	July 2-8.....	31		
Leon.....	June 16-July 8....	11		
Levy.....	July 9-16.....	1		
Manatee.....	June 16-July 8....	8		
Marion.....	July 9-16.....	1		
Orange.....	June 16-July 16....	2		
Pasco.....	July 9-16.....	20		
Polk.....	June 16-July 16....	5		
Santa Rosa.....	July 9-16.....	6		
Volusia.....	do.....	1		
Total for State.....		147		
Indiana:				
Counties—				
Allen.....	June 1-30.....	1		
Benton.....	do.....	2		
Blackford.....	do.....	4		
Clinton.....	do.....	7		
Delaware.....	do.....	12		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Aug. 18, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Indiana—Continued.				
Counties—Continued.				
Howard.....	June 1-30.....	14		
Jay.....	do.....	2		
Laporte.....	do.....	2		
Madison.....	do.....	16		
Marion.....	do.....	3		
Parke.....	do.....	1		
Posey.....	do.....	3		
Shelby.....	do.....	3		
Tipton.....	do.....	5		
Vanderburg.....	do.....	1	1	
Wabash.....	do.....	2		
Wayne.....	do.....	12		
Total for State.....		90	1	
Iowa:				
Counties—				
Adams.....	June 1-30.....	18		
Appanoose.....	do.....	1		
Blackhawk.....	do.....	4		
Carroll.....	do.....	1		
Davis.....	do.....	3		
Decatur.....	do.....	1		
Fremont.....	do.....	11		
Henry.....	do.....	1		
Johnson.....	do.....	4		
Lee.....	do.....	1		
Linn.....	do.....	4		
Marshall.....	do.....	4		
Mills.....	do.....	1	1	
Polk.....	do.....	11		
Pottawattamie.....	do.....	8		
Scott.....	do.....	3		
Sioux.....	do.....	6		
Taylor.....	do.....	6		
Wapello.....	do.....	2		
Wright.....	do.....	1		
Total for State.....		91	1	
*Kentucky:				
Covington.....	July 2-22.....	10		
Louisville.....	May 1-31.....	4		
Total for State.....		14		
Louisiana:				
Parishes—				
Ascension.....	Mar. 1-31.....	21		
Morehouse.....	Apr. 1-30.....	4		
Orleans—				
New Orleans.....	June 25-July 15.....	2		
St. Tammany.....	Mar. 1-31.....	3		
Tangipahoa.....	Mar. 1-Apr. 30.....	21		
Total for State.....		51		
Maine, entire State.....				
July 1-31, no cases.				
Counties—				
Somerset.....	June 1-30.....	3		
Maryland:				
Counties—				
Frederick.....	July 1-31.....	3		
Prince Georges.....	do.....	1		
Washington.....	June 1-30.....	1		
Total for State.....		5		
Massachusetts.....				
County—				
Middlesex.....	June 1-30.....	1		
Michigan:				
Counties—				
Antrim.....	do.....	2		
Calhoun.....	do.....	8		
Grand Traverse.....	do.....	6		
Isabella.....	do.....	1		
Do.				

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Aug. 18, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Michigan—Continued.				
Counties—Continued.				
Mackinac.....	June 1-30.....	1		
Marquette.....	do.....	1		
Oakland.....	do.....	1		
Ottawa.....	do.....	1		
St. Clair.....	do.....	8		
Shiawassee.....	do.....	1		
Washtenaw.....	do.....	3		
Wayne.....	do.....	5		
Total for State.....		38		
Minnesota:				
Counties—				
Ramsey.....	Mar. 1-31.....		1	Cases in March, reported on p. 683, vol. 1.
* Missouri:				
Kansas City.....	June 1-30.....	17		
St. Louis.....	June 18-24.....	1		
Total for State.....		18		
Montana.....				
June 1-30, no cases.				
* Nebraska:				
Omaha.....	June 19-July 1....	3		
New Jersey.....				
Counties—				
Middlesex.....	July 1-31.....	1		Do.
New York:				
Counties—				
Erie.....	June 1-30.....	12		
Clinton.....	do.....	1		
Franklin.....	do.....	1		
Monroe.....	do.....	4		
Onondaga.....	do.....	3		
Otsego.....	do.....	1		
St. Lawrence.....	do.....	4		
Tioga.....	do.....	1		
Ulster.....	do.....	5		
Total for State.....		32		
North Carolina:				
Counties—				
Alamance.....	June 1-30.....	1		Estimated
Avery.....	do.....	50		
Bertie.....	do.....	1		
Catawba.....	do.....	1		
Chatham.....	do.....	2		
Craven.....	do.....	3		
Cumberland.....	do.....	2		
Edgecombe.....	do.....	4		
Haywood.....	do.....	3		
Henderson.....	do.....	4		
New Hanover.....	do.....	6		
Pasquotank.....	do.....	2		
Rowan.....	do.....	1		
Watauga.....	do.....	2		
Total for State.....		82		
North Dakota:				
Counties—				
Billings.....	June 1-July 31....	8		
Lamoure.....	July 1-31.....	1		
Morton.....	June 1-30.....	1		
Montraille.....	do.....	6		
Ward.....	do.....	1		
Total for State.....		17		
Ohio:				
Counties—				
Ashtabula.....	June 1-30.....	2		
Brown.....	do.....	4		
Clark.....	do.....	15		
Clermont.....	do.....	3		
Defiance.....	do.....	1		
Franklin.....	do.....	36		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Aug. 18, 1911.

Place.	Date.	Cases.	Deaths.	Remarks.
Ohio—Continued.				
Counties—Continued.				
Geauga.....	June 1-30.....	2		
Hamilton.....	do.....	7		
Licking.....	do.....	1		
Pickaway.....	do.....	3		
Sandusky.....	do.....	1		
Total for State.....		75		
Oklahoma:				
Counties—				
Caddo.....	May 1-31.....	1		
Cleveland.....	do.....	34		
Custer.....	do.....	5		
Dewey.....	do.....	6		
Garvin.....	do.....	19		
Haskell.....	do.....	1		
Hughes.....	do.....	3		
Jefferson.....	do.....	4		
Johnson.....	do.....	3		
Kay.....	do.....	6		
Kingfisher.....	do.....	1		
Kiowa.....	do.....	1		
Le Flore.....	do.....	1		
McLain.....	do.....	18		
McIntosh.....	do.....	1		
Nowata.....	do.....	1		
Okfuskee.....	do.....	1		
Oklahoma.....	do.....	7		
Pontotoc.....	do.....	5		
Pushmataha.....	do.....	2		
Roger Mills.....	do.....	2		
Seminole.....	do.....	15		
Tulsa.....	do.....	9		
Wagoner.....	do.....	1		
Washita.....	do.....	1		
Woodward.....	do.....	1		
Total for State.....		149		
Pennsylvania:				
Entire State.....	May 1-31.....	37		
South Dakota:				
Counties—				
Aurora.....	June 1-30.....	2		
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		
Codington.....	do.....	1		
Davison.....	May 1-June 30.....	5		
Day.....	June 1-30.....	1		
Dewey.....	do.....	4		
Fall River.....	Apr. 1-May 31.....	18		
Grant.....	do.....	4		
Hanson.....	May 1-31.....	1		
Hughes.....	June 1-30.....	1		
Hutchinson.....	Apr. 1-30.....	1		
Jerauld.....	May 1-June 30.....	6		
Kingsbury.....	Apr. 1-May 31.....	8		
Lawrence.....	Apr. 1-June 30.....	6		
Lyman.....	Apr. 1-May 31.....	16	1	
McCook.....	do.....	11		
Miner.....	Apr. 1-June 30.....	5		
Minnehaha.....	do.....	15		
Pennington.....	do.....	48		
Sanborn.....	May 1-31.....	3		
Spink.....	Apr. 1-June 30.....	7		
Tripp.....	do.....	6		
Total for State.....		208	1	
*Tennessee:				
Counties—				
Knox—				
Knoxville.....	June 18-July 22...	9		
Shelby.....	June 1-30.....	9		
Total for State.....		18		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Aug. 18, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Texas.....	May 1-31.....	12		
Counties—				
Denton.....	Apr. 1-30.....	4		Omitted on p. 813, vol. 1.
Bell.....	June 1-30.....	2		
Cameron.....	May 1-June 30.....	22		
Childress.....	June 1-30.....	1		
Collin.....	May 1-31.....	5		
Dallas.....	do.....	13		
Denton.....	do.....	1		
El Paso.....	do.....	10		
Floyd.....	do.....	3		
Galveston.....	May 1-June 30.....	7		
Hall.....	do.....	4		
Harris.....	May 1-31.....	2		
Hidalgo.....	do.....	3		
Hunt.....	June 1-30.....	1		
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		
Wayne.....	June 1-30.....	5		
Wichita.....	May 1-31.....	6		
Total for State.....		154		
Utah:				
Counties—				
Beaver.....	May 1-31.....	16		
Boxelder.....	do.....	18		
Cache.....	do.....	12		
Carbon.....	do.....	9	1	
Emery.....	do.....	4		
Garfield.....	do.....	1		
Piute.....	do.....	9		
Salt Lake.....	do.....	13		
Sanpete.....	do.....	16		
Sevier.....	do.....	18		
Tooele.....	do.....	27		
Uinta.....	do.....	1		
Utah.....	do.....	2	1	
Washington.....	do.....	1		
Weber.....	do.....	7		
Total for State.....		154	2	
Virginia:				
Counties—				
Brunswick.....	Mar. 1-May 31.....	49		
Campbell.....	May 1-June 30.....	1		
Dinwiddie.....	Apr. 1-May 31.....	19		
Fairfax.....	Mar. 1-Apr. 30.....	4		
Fauquier.....	Apr. 1-May 30.....	6		
Hanover.....	Mar. 1-Apr. 30.....	2		
Henrico.....	Mar. 1-June 30.....	14		
Henry.....	do.....	74		
Isle of Wight.....	May 1-31.....	1		
Lancaster.....	do.....	1		
Lee.....	Mar. 1-June 30.....	93		
Loudoun.....	Mar. 1-31.....	1		
Mecklenburg.....	Mar. 1-June 30.....	18		
Nansemond.....	Mar. 1-May 31.....	21		
Norfolk.....	Apr. 1-May 31.....	26		
Northampton.....	Apr. 1-30.....	1		
Page.....	do.....	8		
Pittsylvania.....	Mar. 1-May 31.....	42		
Prince William.....	Mar. 1-31.....	1		
Princess Anne.....	do.....	1		
Roanoke.....	May 1-31.....	1		
Southampton.....	Mar. 1-Apr. 30.....	9		
Surry.....	Mar. 1-31.....	2		
Sussex.....	Mar. 1-June 30.....	7		
Wise.....	do.....	15		
Total for State.....		417		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Aug. 18, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Washington:				
Counties—				
Chehalis	May 1-31	2		
Chelan	do	1		
Columbia	do	5		
Cowlitz	do	1		
Garfield	do	3		
King	do	27		
Mason	do	28		
Pierce	do	7		
San Juan	do	1		
Skagit	do	4		
Spokane	do	5		
Thurston	do	1		
Whatcom	do	5		
Whitman	do	17		
Yakima	do	35		
Total for State		142		
Wisconsin:				
Counties—				
Ashland	June 1-30	1		
Barron	do	3		
Douglas	do	2		
Iowa	do	8		
Milwaukee	do	1		
Vilas	do	1		
Wood	do	2		
Total for State		18		
Grand total for the United States		2,008	6	

PLAGUE IN THE UNITED STATES.

Reports Received from July 25 to Aug. 25, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
California:				
Counties—				
Alameda—				
Oakland	Aug. 8	1		Infection received at Pinol Cañon, Contra Costa County, Cal.
Contra Costa	July 25-26	1	1	1 mile nw. of Lafayette.

MORBIDITY AND MORTALITY.

Morbidity and Mortality Table, Cities of the United States, for Week ended August 5, 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	215	8	2	11	10	2	37	19	39	3	1	1	5
Boston, Mass.	670,585	193	25	2	16	2	10	2	57	17	15	1	1	1
Chicago, Ill.	2,185,283	585	103	7	26	2	92	8	233	57	61	5	1	1
Cleveland, Ohio.	560,663	20	20	4	15	55	2	39	19	10	10	10	10	16
New York, N. Y.	4,766,883	1,368	225	17	224	10	67	3	473	163	152	16	16	16
Philadelphia, Pa.	1,549,008	435	51	5	14	21	1	88	56	46	3	3	3	3
St. Louis, Mo.	687,029	200	21	1	4	1	23	45	18	19	7	7	7	7
<i>Cities having from 300,000 to 500,000 inhabitants.</i>														
Buffalo, N. Y.	423,715	116	16	3	2	2	5	7	17	5	5	5	5	5
Cincinnati, Ohio	364,463	103	4	1	6	32	20	14	13	3	3	3	3	3
Detroit, Mich.	465,766	136	16	1	4	6	16	17	2	1	1	1	1	1
Los Angeles, Cal.	319,198	81	2	2	4	4	16	17	2	1	1	1	1	1
Milwaukee, Wis.	373,857	89	12	5	8	8	14	1	10	1	1	1	1	1
Newark, N. J.	347,469	101	7	1	5	5	22	11	11	2	2	2	2	2
New Orleans, La.	339,075	125	5	10	6	6	20	15	10	5	5	5	5	5
San Francisco, Cal.	416,912	92	5	1	12	8	21	6	4	4	4	4	4	4
Washington, D. C.	331,069	122	3	17	17	30	16	21	21	3	3	3	3	3
<i>Cities having from 200,000 to 300,000 inhabitants.</i>														
Denver, Colo.	213,381	49	3	1	6	1	5	18	2	2	2	2	2	2
Jersey City, N. J.	267,779	87	1	1	1	1	4	5	3	4	4	4	4	4
Kansas City, Mo.	248,381	54	2	1	1	1	4	3	4	6	6	6	6	6
Providence, R. I.	224,326	55	2	1	1	1	5	7	7	7	7	7	7	7
<i>Cities having from 100,000 to 200,000 inhabitants.</i>														
Bridgeport, Conn.	102,054	32	2	1	1	1	3	3	3	3	3	3	3	3
Cambridge, Mass.	104,839	7	1	1	1	1	5	3	2	2	2	2	2	2
Columbus, Ohio.	181,548	41	6	6	6	6	6	5	5	5	5	5	5	5
Dayton, Ohio	116,577	35	1	1	1	1	3	2	2	2	2	2	2	2
Fall River, Mass.	119,295	45	1	2	2	2	4	6	3	3	3	3	3	3
Grand Rapids, Mich.	112,571	28	1	2	2	2	4	2	2	2	2	2	2	2
Lowell, Mass.	106,294	40	1	1	1	1	2	6	2	2	2	2	2	2
Memphis, Tenn.	131,105	8	3	1	1	1	4	6	11	2	2	2	2	2
Nashville, Tenn.	110,364	42	1	1	1	1	4	6	11	2	2	2	2	2
Omaha, Nebr.	124,096	1	1	1	1	1	6	1	1	1	1	1	1	1
Richmond, Va.	127,628	64	1	3	1	2	11	9	18	1	1	1	1	1
Spokane, Wash.	104,402	24	2	2	2	2	2	2	5	5	5	5	5	5
Toledo, Ohio.	168,497	42	5	2	1	6	13	4	7	1	1	1	1	1
Worcester, Mass.	145,986	42	4	2	1	3	12	2	5	5	5	5	5	5
<i>Cities having from 50,000 to 100,000 inhabitants.</i>														
Altoona, Pa.	52,127	11	1	1	1	1	3	1	2	2	2	2	2	2
Bayonne, N. J.	55,545	23	1	2	1	1	1	2	2	2	2	2	2	2
Brockton, Mass.	56,878	14	3	1	1	1	1	2	2	2	2	2	2	2
Camden, N. J.	94,538	20	2	1	1	1	2	2	2	2	2	2	2	2
Covington, Ky.	53,270	16	1	1	1	1	5	3	1	1	1	1	1	1
Duluth, Minn.	78,466	21	1	1	1	2	6	1	2	1	1	1	1	1
Elizabeth, N. J.	73,409	8	3	1	9	3	6	1	2	1	1	1	1	1
Erie, Pa.	66,525	21	6	4	8	8	5	2	3	3	3	3	3	3
Evansville, Ind.	69,647	6	1	1	1	1	5	2	6	6	6	6	6	6
Harrisburg, Pa.	64,186	30	6	2	1	7	1	3	1	1	1	1	1	1
Hartford, Conn.	98,915	19	2	2	2	2	2	1	2	2	2	2	2	2
Houston, Tex.	78,800	21	2	1	1	1	4	2	2	2	2	2	2	2
Jacksonville, Fla.	57,699	15	3	2	2	2	1	1	2	2	2	2	2	2
Johnstown, Pa.	55,482	23	1	2	1	1	2	1	2	2	2	2	2	2
Lawrence, Mass.	85,892	22	1	2	2	2	1	1	2	2	2	2	2	2
Lynn, Mass.	89,336	23	1	2	1	1	1	1	2	2	2	2	2	2
Manchester, N. H.	70,063	39	1	4	3	3	1	2	2	2	2	2	2	2
New Bedford, Mass.	96,652	15	1	1	1	1	2	2	2	2	2	2	2	2
Oklahoma City, Okla.	64,205	15	1	1	1	1	2	6	1	1	1	1	1	1

MORBIDITY AND MORTALITY—Continued.

Morbidity and mortality table, cities of the United States, for week ended August 5, 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 over 50,000 to 100,000 inhabitants—Con.</i>														
Passaic, N. J.	54,773	24	1								1	1	1	1
Peoria, Ill.	66,950	28				1					3	3	6	1
Reading, Pa.	96,071	18	3			2					10	5	5	2
San Antonio, Tex.	96,614	39				1					4	4	5	2
Schenectady, N. Y.	72,826	21									2	3	1	
Springfield, Ill.	51,678	12	1										2	
Springfield, Mass.	88,926	34	1	1	3						6	3		1
Terre Haute, Ind.	58,157	15					1						12	2
Trenton, N. J.	96,815	32	1				3				5	4	7	
Wichita, Kans.	52,450	18											1	
Wilkes-Barre, Pa.	67,105	32			4		1				5		3	
Wilmington, Del.	87,411	33										3		
Yonkers, N. Y.	79,803	29	1		3		4				4	2		
<i>Cities having from 25,000 to 50,000 inhabitants.</i>														
Atlantic City, N. J.	46,150	14	3											
Aurora, Ill.	29,807	10									1			
Berkeley, Cal.	40,434	10					1						1	
Binghamton, N. Y.	48,443	13			2						1			
Chelsea, Mass.	32,452	15			11						5	2	1	1
Chicopee, Mass.	25,401	11	1				3	1					1	
Danville, Ill.	27,871	15									4			2
East Orange, N. J.	34,371	6	1				1				3	1		
Elmira, N. Y.	37,176	15	10		2	1							1	
El Paso, Tex.	39,279	18					1				1	2	4	
Everett, Mass.	33,484	8	1		1									
Haverhill, Mass.	44,115	16	1		1		1				2		1	
Kalamazoo, Mich.	39,437	12									3	2	1	
La Crosse, Wis.	30,417	4	1								1			1
Lancaster, Pa.	47,227	14												
Lynchburg, Va.	29,494	8	3										1	
Malden, Mass.	44,404	9	1		4		2				4			
Montgomery, Ala.	38,136	18					2				1	3	1	
Newcastle, Pa.	36,280	3					1				3			
Newport, Ky.	30,309	7											1	1
Newton, Mass.	39,806	4			1						2			
Niagara Falls, N. Y.	30,445	17			1	1						1		1
Norristown, Pa.	27,875	10	1		1		3				1	1		
Orange, N. J.	29,630	16	2				1				1	4	3	
Pasadena, Cal.	30,291	7					1				1	3		
Pittsfield, Mass.	32,121	16	1		1						1	1		
Portsmouth, Va.	33,190	13					1		1				4	1
Racine, Wis.	38,002	11					1							
Roanoke, Va.	34,874	16									1	2	14	1
Rockford, Ill.	45,401	2					1		2					
San Diego, Cal.	39,578	14									1	1		
South Omaha, Nebr.	26,259	1							1					
Superior, Wis.	40,384	7	1											
Taunton, Mass.	34,259	13					2							
Waltham, Mass.	27,834	2	3		2		1							
West Hoboken, N. J.	35,403	6	1									1		
Wheeling, W. Va.	41,641	12	1				1				1	2	1	
Williamsport, Pa.	31,860	5	1		2									
<i>Cities having less than 25,000 inhabitants.</i>														
Ann Arbor, Mich.	14,817	7									1			
Bennington, Vt.		1							1					
Butler, Pa.	20,728	3	1										1	
Cambridge, Ohio	11,327	1											3	
Camden, S. C.													1	
Carbondale, Pa.	17,040	5					2							
Clinton, Mass.	13,075	6	1											
Coffeyville, Kans.	12,687	3									2	1	1	
Columbus, Ga.		14									1			1

MORBIDITY AND MORTALITY—Continued.

Morbidity and mortality table, cities of the United States, for week ended August 5, 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—Con.</i>														
Columbus, Ind.		2												
Concord, N. H.	21,497	12										1		1
Cumberland, Md.	21,839	4	2								4	1	10	
Dunkirk, N. Y.		6										1		
Galesburg, Ill.	20,069	6											1	
Gloucester, Mass.	24,398	12												
Harrison, N. J.	14,498	4									2			
Homestead, Pa.	18,713	7	5	1								1		
Hyde Park, Mass.	15,507	4												
Kearny, N. J.	18,659										1	1		
La Fayette, Ind.	12,081	4							2					
Lebanon, Pa.	19,240	6												
Marinette, Wis.	14,610	2												
Marlboro, Mass.	14,579	3									1			
Massillon, Ohio.	13,879	2										1	1	
Medford, Mass.	23,150	4									1	1	2	
Melrose, Mass.	15,715	4			1									
Moline, Ill.	24,199	8					1					1	5	
Montclair, N. J.	21,150	11				1					1	2		
Morristown, N. J.	12,507	9										1	3	1
Nanticoke, Pa.	18,877	4												
Newburyport, Mass.	19,949	5												
North Adams, Mass.	22,019	5									3	2		
Northampton, Mass.	19,431	6									1			
Palmer, Mass.		1												
Peekskill, N. Y.		3									1			
Plainfield, N. J.	20,550	4												
Portsmouth, N. H.	11,209		1	1										
Pottstown, Pa.		8										1	1	
Rutland, Vt.		4			1		3							
Saratoga Springs, N. Y.		1			1						1			
South Bethlehem, Pa.	19,973	10												
Steelton, Pa.	14,246	2	2				3				2			
Wilkinsburg, Pa.	11,060	3					1							
Woburn, Mass.	15,308	5			1									

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

CALIFORNIA.—Month of May, 1911. Population 2,377,549. Total number of deaths from all causes 2,888, including diphtheria 9, measles 13, scarlet fever 10, tuberculosis 515, typhoid fever 37. Cases reported: Diphtheria 70 in 8 places, measles 449 in 8 places, scarlet fever 130 in 9 places, smallpox 8 in 4 places, typhoid fever 38 in 8 places.

CONNECTICUT.—Month of July, 1911. Population of reporting towns 1,107,061. Total number of deaths from all causes 1,623, including diphtheria 14, measles 6, scarlet fever 8, tuberculosis (pulmonary), 112; typhoid fever 15. Cases reported: Diphtheria 81 in 31 towns, measles 234 in 42 towns, scarlet fever 94 in 31 towns, smallpox 1 (Saybrook), tuberculosis (pulmonary), 125 in 34 towns; typhoid fever 67 in 20 towns.

FLORIDA.—Reports to the State board of health show as follows:

Week ended August 6, 1911: Diphtheria present at 2 localities with 3 cases, malaria at 6 localities with 22 cases, smallpox in 3 counties with 32 cases, tuberculosis at 6 localities with 8 cases, typhoid fever at 9 localities with 15 cases.

Week ended August 13, 1911: Malaria present at 5 localities with 14 cases, smallpox in 1 county with 5 cases, tuberculosis at 7 localities with 10 cases, typhoid fever at 6 localities with 12 cases.

GEORGIA—*Macon.*—Month of July, 1911. Population 40,665. Total number of deaths from all causes 55, including tuberculosis 2, typhoid fever 2.

LOUISIANA—*Shreveport.*—Month of July, 1911. Population 28,015. Total number of deaths from all causes 67, including tuberculosis 9, typhoid fever 2.

MASSACHUSETTS.—Week ended June 3, 1911. Population of reporting towns, 2,542,346. Total number of deaths from all causes 620, including diphtheria 5, measles 6, scarlet fever 2, tuberculosis 54, typhoid fever 3.

Week ended June 10, 1911. Population of reporting towns, 2,542,346. Total number of deaths from all causes 600, including diphtheria 6, measles 5, scarlet fever 1, tuberculosis 60, typhoid fever 3.

Week ended June 17, 1911. Population of reporting towns, 2,542,346. Total number of deaths from all causes 591, including diphtheria 6, measles 3, scarlet fever 4, tuberculosis 60, typhoid fever 1.

Week ended June 24, 1911. Population of reporting towns, 2,542,346. Total number of deaths from all causes 623, including diphtheria 6, measles 7, scarlet fever 2, tuberculosis 67, typhoid fever 4.

Morbidity.—During the 4 weeks ended June 24, 1911, communicable diseases were reported as follows: Diphtheria 563, measles 2,063, scarlet fever 409, typhoid fever 99, tuberculosis pulmonary, 524, tuberculosis other than pulmonary 11, cerebrospinal meningitis 11, whooping cough 308, varicella 178, erysipelas (not notifiable) 1, mumps (not notifiable) 23, ophthalmia neonatorum 95, anterior poliomyelitis 8, smallpox 1, malaria 3, tetanus 4, anthrax 1, malignant pustule 1.

NEBRASKA—*Lincoln.*—Month of April, 1911. Population, 43,973. Total number of deaths from all causes 54, including measles 2, tuberculosis 2. Cases reported: Diphtheria 4, measles 211, scarlet fever 3, smallpox 61.

Month of May, 1911. Total number of deaths from all causes 47, including measles 1, tuberculosis 2. Cases reported: Diphtheria 3, measles 67, scarlet fever 4, smallpox 50.

Month of June, 1911. Total number of deaths from all causes 36, including measles 1, tuberculosis 1, typhoid fever 1. Cases reported: Diphtheria 1, measles 9, scarlet fever 2, smallpox 12.

NEW YORK.—Month of June, 1911. Population, 9,113,614. Total number of deaths from all causes 10,163, including diphtheria 139, measles 136, scarlet fever 97, tuberculosis 1,358, typhoid fever 72. Cases reported: Diphtheria 1,618, measles 5,305, scarlet fever 1,779, smallpox 33, tuberculosis, pulmonary, 2,357, typhoid fever 409.

SOUTH CAROLINA—*Charleston*.—Month of July, 1911. Population, 58,833. Total number of deaths from all causes 133, including smallpox 2, tuberculosis 19, typhoid fever 3. Cases reported: Diphtheria 2, scarlet fever 1, typhoid fever 17.

TEXAS—*Fort Worth*.—Month of July, 1911. Population, 73,312. Total number of deaths from all causes 82, including tuberculosis 8, typhoid fever 4. Cases reported: Diphtheria 7, scarlet fever 9, tuberculosis 8, typhoid fever 6.

FOREIGN AND INSULAR.

CHINA.

Amoy—Cholera and Plague.

Acting Asst. Surg. Bonthius reports July 3:

During the week ended July 1, 2 deaths from cholera and 2 from plague were reported in Amoy city, and 1 death from plague in the international settlement of Kulangsu.

Hongkong—Cholera and Plague—Plague Rats.

Surg. Brown reports July 5 and 11:

During the week ended July 1, 16 cases of plague with 12 deaths were reported, and during the week ended July 7, 3 cases of cholera with 3 deaths and 8 cases of plague with 6 deaths were reported.

During the two weeks under report 49 plague-infected rats were found.

CUBA.

Transmissible Diseases.

The following statement was issued by the national department of sanitation:

JUNE 21-30, 1911.

	New cases.	Deaths.	Remaining under treatment.
Tuberculosis.....	47	85	2,289
Leprosy.....	1	2	347
Malaria.....	35	2	115
Typhoid fever.....	33	7	87
Diphtheria.....	13	2	16
Scarlet fever.....	7	1	9
Measles.....	109	3	209
Varicella.....	5	.....	24
Tetanus in the new born.....	13	15	.....
Filariasis.....	.....	.....	2
Icterus gravis.....	1	.....	1

No quarantinable diseases were reported in the island during the week ended August 5.

GIBRALTER.

Quarantine Against Arrivals from Leghorn.

The following notice was issued July 26 by the board of health:

It has been decided by the board of health that no vessels which have communicated with Leghorn shall be admitted to pratique unless they have been more than 7 days out from that port and then only after medical inspection and subject to there being good health on board, and to there having been no sickness either before departure or during the voyage.

Quarantine Against Marseille Removed.

On July 28 a further notice was issued as follows:

It has been decided by the board to remove restrictions against Marseille, but no rags can be landed.

HAWAII.**Record of Plague Infection.**

The last case of human plague at Honolulu occurred July 12, 1910.

The last plague-infected rat was found at Aiea, 9 miles from Honolulu, April 12, 1910.

At Hilo the last case of human plague occurred March 23, 1910. A fatal case occurred at Honokaa, 60 miles from Hilo, December 17, 1910; 2 fatal cases were reported January 31, 1911, and 1 fatal case was reported April 19.

The last plague-infected rat was found at Honokaa February 2, 1911. A plague-infected rat was found at Hilo during the week ended June 10, 1911.

Chief Quarantine Officer Ramus reports, July 24:

HONOLULU.

Week ended July 22, 1911.

Total rats and mongoose taken.....	704
Rats trapped	674
Mongoose trapped.....	30
Examined bacteriologically.....	589
Classification of rats trapped:	
<i>Mus alexandrinus</i>	58
<i>Mus musculus</i>	298
<i>Mus norvegicus</i>	50
<i>Mus rattus</i>	268
Average number of traps set daily.....	1,720

INDIA.**CALCUTTA—Cholera and Plague.**

Acting Asst. Surg. Allan reports July 20:

During the week ended July 1 there were reported at Calcutta 25 deaths from cholera and 43 from plague; in all Bengal, 59 cases of plague with 60 deaths; in all India, 2,968 cases of plague with 2,400 deaths.

ITALY.**Status of Cholera.**

Surg. Geddings at Naples reports August 19:

From August 1 to 12, inclusive, cholera was reported in Italy as follows: City of Naples, 172 cases with 56 deaths; Province of Naples, 297 cases with 162 deaths; rest of continental Italy, 1,347 cases with 537 deaths; Palermo city, 200 cases with 94 deaths; Province of Palermo, 71 cases with 36 deaths; rest of Sicily, 287 cases with 62 deaths.

Palermo—Inspection of Vessels.

Surg. Eager reports, August 7:

Vessels inspected week ended August 5.

Dates.	Name of ship.	Destination.	Steerage inspected.	Pieces of baggage—	
				Inspected.	Disinfected.
July 30	Venezia.....	New York.....	155	60	425
Aug. 4	Re d'Italia.....	do.....	87	69	270
5	Konig Albert.....	do.....	25	12	30

Rejections recommended.

Dates.	Name of ship.	Destination.	Trachoma.	Suspected trachoma.	Other causes.	Total.
July 30	Venezia.....	New York.....	3	3	2	8
Aug. 4	Re d'Italia.....	do.....	10	1		11
5	Konig Albert.....	do.....				

Examination for Cholera Bacillus Carriers.

A bacteriological laboratory in charge of a medical officer of the Royal Italian Navy has been established in the barracks at Palermo where steerage passengers are detained in observation prior to their departure for the United States. In future all prospective steerage passengers from cholera-infected or from suspected districts will be subjected to bacteriological examination for the detection of vibrio carriers in addition to the procedures heretofore practiced, namely, bathing, disinfecting of clothing and effects, destruction of food-stuffs, and detention under observation five days.

RUSSIA.**Status of Cholera.**

The following information, dated July 29, was received from Chargé d'Affaires Wheeler at St. Petersburg:

According to a communication just received from the foreign office, 17 cases of cholera with 5 deaths were reported in Russia from July 9 to 15. The cases and deaths were distributed as follows:

Localities.	Cases.	Deaths.
Cities:		
Novoressisk.....	1	
Baku.....	1	
Nikolaieff.....	3	
Astrakhan.....	2	1
Tzaritzin.....	1	1
Governments:		
Samara.....	9	3

TUNIS.**Cholera.**

According to information dated August 2, received from Consular Agent Proux, an outbreak of cholera has occurred at Tunis. Six deaths from cholera were reported to date.

VENEZUELA.

Plague and Yellow Fever at Caracas.

Consul Manning at La Guaira reports August 7:

During the week ended July 29, 1 case of plague and 4 cases of yellow fever were reported at Caracas. All precautions against spread were being taken.

Examination of 52 rats proved negative for plague infection.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX.

Reports Received During Week Ended Aug. 25, 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.
Austria-Hungary: Campodistria.....	July 23-30.....	1		
China: Hankow.....	July 22.....			Present.
Hongkong.....	July 2-15.....	5	4	
Nanking.....	July 22.....			
Swatow.....	do.....			
India: Calcutta.....	June 25-July 1.....		25	
Madras.....	July 9-15.....	2	1	
Indo-China: Saigon.....	July 3-9.....	1		
Italy.....				Total for all Italy, Aug. 1-12: Cases, 2,374; deaths, 947. Outside of Naples Province: Cases, 1,347; deaths, 537.
Continental Italy.....				
Provinces—				
Naples.....	Aug. 1-12.....	297	162	
Naples city.....	do.....	172	56	
Sicily (outside of Pa- lermo).....	do.....	287	62	
Palermo.....	do.....	71	36	
Palermo city.....	do.....	200	94	
Java: Batavia.....	July 2-8.....	20	6	
Philippine Islands.....				
Straits Settlements: Penang.....	June 18-July 1....	1	4	First quarter, 1911: Manila, no cases. Provinces, 199 cases and 160 deaths.
Singapore.....	June 25-July 1....	8	9	
Tunis: Tunis.....	Aug. 1-7.....		6	
Turkey: Constantinople.....	July 16-24.....	3	1	

YELLOW FEVER.

Brazil: Manaos.....	July 16-29.....		3	
Venezuela: Caracas.....	July 23-29.....	4		

PLAGUE.

British East Africa: Kismayu.....	June 28-July 3....	6	1	
Nairobi.....	do.....	4	1	
China: Hongkong.....	June 25-July 15...	43	34	
India: Bombay.....	July 2-15.....	58	53	
Calcutta.....	June 25-July 1....		43	
Kurrachee.....	July 9-15.....	13	13	

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

Reports Received During Week Ended Aug. 25, 1911.

PLAGUE—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Indo-China:				
Saigon.....	June 25-July 2.....	63	19	
Java:	July 3-9.....	20	5	
Pasorocean Residency.....	July 2-8.....	40	12	
Philippine Islands.....				First quarter, 1911: Manila, no cases; Provinces, no cases.
Straits Settlements:				
Singapore.....				No cases reported since June 17.
Venezuela:				
Caracas.....	July 23-29.....	1		

SMALLPOX.

Brazil:				
Ceara.....	June 1-30.....		1	
Canada:				
Ottawa.....	Aug. 1-5.....	2		
Quebec.....	Aug. 6-12.....	1		
China:				
Hongkong.....	June 25-July 5.....	5	5	
Shanghai.....	July 10-16.....	1	2	Deaths among natives.
Egypt:				
Alexandria.....	June 1-30.....	15	4	
Cairo.....	July 2-8.....	1		
Port Said.....	July 2-15.....	4	2	
Great Britain:				
Dundee.....	July 23-Aug. 5.....	3	2	
India:				
Bombay.....	July 2-15.....	16	12	
Madras.....	July 9-15.....	5	3	
Indo-China:				
Saigon.....	July 3-9.....	7	3	
Naples.....	July 23-29.....	9	1	
Java:				
Batavia.....	July 2-8.....	2	1	
Mexico:				
Ciudad Juarez.....	July 6-12.....	1		
San Luis Potosi.....	July 23-29.....	3	2	
Philippine Islands.....				First quarter, 1911, Manila: Cases 93, deaths 0.
Russia:				
Moscow.....	July 16-22.....	9	5	
Odessa.....	June 29-July 2.....	1		
Spain:				
Seville.....	July 1-31.....		1	
Straits Settlements:				
Singapore.....	June 25-July 1.....	19	4	

Reports Received from July 1 to Aug. 18, 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.
Arabia:				
Hodeida.....	June 16-30.....	21	17	Among the civil and the military population.
Austria-Hungary.....				Total Austria-Hungary, May 24-July 30, 29 cases, 10 deaths.
Trieste.....	July 8-22.....	11	2	July 8, the second case from s. s. Oceania. Case July 21, from s. s. Bandiera Moro. Total for Trieste, Aug. 1-14: Cases, 31; deaths, 5.
Cattaro.....	July 6-22.....	4		
Waltendorf.....	May 31.....	1		Second case. Near Gratz.

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

Reports Received from July 1 to Aug. 18, 1911.

CHOLERA—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Bulgaria:				
Kalondjik	June 18-20	1	1	Vicinity of Choumen. From the ship <i>Cyrille</i> , bound from the coast of Asia Minor.
Ceylon:				
Colombo	May 21-June 30	13	8	
China:				
Amoy	May 28-July 1		4	July 22, increasing in the district.
Hohow	June 2			Present.
Dutch East Indies:				
Java—				
Batavia	May 14-July 1	320	157	June 15-28: Present in Borneo at Pamank and Singkawang; Sumatra at Teiokpakedal, and in Lombok at Geroeng.
Beloe	June 15-28			Present.
Surabaya	Apr. 10-May 6	33	22	
France:				
Marseille	(June 26-July 20	8	2	
	(Aug. 8-10	6	2	
Greece:				
Laurium	July 5-8	3	1	Case July 5, from a German vessel via Naples.
Piraeus, quarantine station.	Aug. 8			Present.
India:				
Bassein	May 7-13	1	1	
Bombay	June 25-July 1	3	3	
Calcutta	May 7-June 24		313	
Madras	June 4-18	3	2	
Moulmine	May 7-June 17	4	4	
Rangoon	May 1-31	16	15	
Indo-China:				
Saigon	May 15-July 2	45	35	
Italy:				
Genoa	July 21-26			Total for Italy, June 8-Aug. 12: Cases, 5,591; deaths, 2,099.
Lephorn	July 16-26			Present.
Provinces—				Do.
Caserta	June 18-July 16	136	50	
Naples				The Province outside of Naples, June 10-July 31: 663 cases; 229 deaths.
Naples	June 11-Aug. 12	777	236	
Salerno	June 17-July 16	149	52	
Sicily				Outside Palermo Province, July 22-26: Cases, 32; deaths, 10.
Palermo	June 18-Aug. 12	255	119	
Palermo	June 15-Aug. 12	995	302	
Rome	June 27-July 11	5		
Persia:				
Mohamerah	July 28	1		From the cruiser <i>Persepolis</i> .
Russia:				
Governments—				New outbreak Apr. 21-July 22: Cases, 91; deaths, 21, including 7 cases and 2 deaths, p. 1044, vol. 1. July 7-Aug. 14: Cases, 35; deaths, 10.
Astrakhan	July 12-22	3	2	
Baku—				
Baku	July 8-15	2		
Khassan—				
Kosmodemiansk	July 2	1		
Kherson	May 3-July 22	2		
Nikolaiev	July 9-10	3		
Poltava	June 24	1		
Samara	June 29-July 22	73	15	Including Nikolayevsk.
Saratov	July 18-22	1	1	
Nikolayevsk	June 29-July 3	15	1	
Siberia—				
Omsk	June 20-26	2		
Tambov	June 26			Present.
Vilna—				
Disma	June 13	1		On the Duna.
Vitebsk—				
Lepel district	June 19	1	1	
Voronesch	Apr. 28	2	1	
Yeketerinislav	July 8	1		
Zaritsyn	July 12-15	1	1	

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

Reports Received from July 1 to Aug. 18, 1911.

CHOLERA—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Siam:				
Bangkok.....	Apr. 16-June 10...	701	701	
Straits Settlements:				
Penang.....	May 7-13.....		1	
Singapore.....	May 7-June 17....	42	45	
Turkey:				
Constantinople.....	May 21-July 24....	30	17	
Turkey in Asia:				
Alatsham.....	June 19.....	2		
Amara.....	June 21.....			Present.
Basra.....	June 19.....	2		
Ezra's Tomb.....	June 17.....	6		70 miles from Basra.
Foglieri.....	July 26.....	2	1	In the Gulf of Smyrna.
Kamaram.....	May 28-June 4....	2	1	Among troops.
Samsun.....	May 29-July 23...	223	202	And district.
Smyrna.....	May 29-July 23...	200	122	
Zongouldak.....	July 1-23.....	17	8	And vicinity.
At sea.....	June 23.....	1	1	On s. s. Goeben, bound from Southampton for Suez. Case developed one day after leaving Naples.

YELLOW FEVER.

Brazil:				
Manaos.....	June 4-July 15....		5	July 29, 3 cases.
Para.....	June 21-July 15...	3		
Pernambuco.....	June 15-30.....	2		July 19, 2 cases present.
Bissagos Islands:				
Bulama.....	May 27.....			Present.
British Gold Coast:				
Accra.....	May 23-27.....	3		Among natives.
Ecuador:				
Guayaquil.....	June 1-July 15....	19	7	
Milagro.....	do.....	15	10	
Naranjito.....	July 1-15.....	2		
Yaguachi.....	June 16-July 15...	1	1	
Gambia:				
Bathurst.....	May 23-27.....	5	2	Among Europeans.
Mexico:				
Merida.....	Aug. 8.....	2		
Venezuela:				
Caracas.....	July 1-21.....	3	1	
Maiquetia.....	July 22.....	2		

PLAGUE.

Arabia:				
Maskat.....	May 21-27.....	3	2	
Brazil:				
Para.....	July 2-29.....	2	1	Aug. 4, 1 fatal case.
Pernambuco.....	June 15-30.....	1		July 19, 1 case.
British East Africa:				
Kismayu.....	Apr. 24-July 3....	27	19	
Nairobi.....	May 27-July 3....	29	13	
Port Florence.....	Apr. 26.....	1	1	
Chile:				
Arica.....	June 12.....			Present.
Iquique.....	May 14-July 8....	17	9	
China:				
Amoy.....	May 21-July 1....		18	To May 28: Cases 61; July 8, present in the district. July 17, 2 deaths.
Kulangsu.....	July 1.....		1	
Canton.....	May 31.....			Present.
Hongkong.....	May 14-June 24...	136	96	
Kulangsu.....	June 17.....		2	
Shanghai.....	May 14-27.....	3		In vicinity.
Swatow.....	May 21-July 22...			Still present in the district. May 21-June 2, epidemic in Chao-chow-fu. Hwellai, 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 Aug. 18, 1911.

PLAGUE—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Ecuador:				
Guayaquil.....	June 1-July 15....	9	1	
Egypt:				
Alexandria.....	May 31-July 26....	36	17	
Cairo.....	Feb. 12-May 31....	1	1	
Port Said.....	May 27-July 28....	20	7	On s. s. Yeddo, bound for Calcutta from New York, via Naples and Torreveja, Spain.
Provinces—				
Assiout.....	May 31-June 14....	4	2	
Dakahlieh.....	May 29-June 11....	2		
Fayoum.....	May 28-June 11....	2		
Girgeh.....	Apr. 19-June 14....	1		
Kena.....	May 30-June 12....	5	5	
Minieh.....	June 1-14.....	14	4	
India:				
Bahrein Island.....	May 15-June 25....		1,600	In Persian Gulf.
Bombay.....	May 21-June 24....	380	347	
Calcutta.....	May 7-June 24....		411	
Kurrachee.....	May 28-July 8....	165	164	
Rangoon.....	May 1-31.....	278	267	
Bombay Presidency and Sind.....	May 7-July 1....	5,426	4,162	
Madras Presidency.....	do.....	369	269	
Bengal.....	do.....	2,188	1,985	
United Provinces.....	do.....	17,845	17,311	
Punjab.....	do.....	59,525	52,245	
Burma.....	May 7-July 1....	1,121	1,047	
Central Provinces.....	do.....	61	61	
Mysore State.....	do.....	831	576	
Hyderabad State.....	do.....	5	9	
Central India.....	do.....	82	65	
Rajputana and Ajmere Merwara.....	do.....	1,580	1,395	
Kashmir.....	do.....	624	425	
North West Province.....	do.....	110	79	
Grand total.....		89,767	79,629	
Indo-China:				
Saigon.....	May 15-July 2....	235	78	
Japan:				
Formosa.....	May 21-July 1....	115	106	In Kagi Province from Jan. 1-June 15: Cases 355, including report, p. 1047, vol. 1.
Java:				
Paserocean Residency.....	May 14-July 1....	328	141	
Surabaya.....	May 1-18.....	21	4	
Mauritius.....	Mar. 1-Apr. 27....	8	4	
New Zealand:				
Auckland.....	May 1-8.....	4		
Paraguay:				
Asuncion.....	Aug. 9.....			Present.
Persia:				
Buchir.....	May 14-June 25....	94	80	
Lingah.....	May 18-28.....	7		From Debal on opposite Arabian coast.
Peru:				
Departments—				
Ancachs.....	Apr. 30-June 17....	9	2	
Arequipa.....	do.....	15	3	Apr. 23-29, 2 cases, 1 death.
Callao.....	do.....	4	1	Apr. 23-29, 1 case, 1 death.
Chiclayo.....	do.....	12	4	
Lambayeque.....	Apr. 30-June 3....	2	2	Apr. 23-29, 3 cases, 3 deaths.
Libertad.....	Apr. 30-June 17....	10	5	Apr. 23-29, 2 cases.
Lima.....	do.....	30	11	Apr. 23-29, 3 cases, 1 death.
Pacasmayo.....	Apr. 30-June 3....	3	2	
Philippine Islands:				
Mariveles quarantine station.....	May 25-26.....	1	1	From s. s. Taisang from Amoy.
Russia:				
Odessa.....	June 18-July 29....	3		
Astrakhan Government—				
Ujaly.....	July 3.....			Present.
Saraltschin.....	June 18-24.....	3	3	
Kirghis Steppe—				
Naryma.....	June 24.....	4	4	

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

Reports Received from July 1 to Aug. 18, 1911.

PLAGUE—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Siam:				
Bangkok.....	Apr. 16-June 10...	28	28	
Straits Settlements:				
Singapore.....	May 21-June 17...	2	2	
Turkey in Asia:				
Adalia.....	July 7-30.....	3	.....
Basra.....	May 21-31.....	4	2	
Venezuela:				
Caracas.....	May 29-July 6....	2	.....

SMALLPOX.

Arabia:				
Aden.....	Apr. 11-July 18...	205	7	And vicinity.
Argentina:				
Buenos Aires.....	Apr. 1-30.....	.....	21	
Rosario.....	Apr. 1-May 31.....	.....	75	
Austria-Hungary:				
Bohemia.....	May 28-June 17...	5	.....
Galicia.....	May 28-July 15...	3	.....
Brazil:				
Para.....	June 25-July 29...	5	2	Aug. 3, present.
Pernambuco.....	June 1-15.....	.....	86	
Rio de Janeiro.....	May 28-July 8....	6	1	
Canada:				
British Columbia—				
Vancouver.....	July 9-23.....	2	.....
Victoria.....	May 1-31.....	10	.....
Manitoba—				
Fort Alexander.....	July 8.....	19	.....	Among Indians.
Lac du 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-Aug. 12...	21	.....
Nova Scotia—				
Halifax.....	May 23-July 8....	2	.....
Prince Edward Island—				
Charlottetown.....	June 14-20.....	1	.....
Quebec—				
Montreal.....	July 9-29.....	2	.....
Quebec.....	June 18-Aug. 5....	7	.....
Yukon—				
Dawson.....	June 4-July 1....	15	.....
Ceylon:				
Colombo.....	May 21-July 10...	2	.....
Chile:				
Talcahuano.....	June 27-July 22...	33	8	
Valparaiso.....	June 24-July 8....	118	.....
China:				
Chungking.....	May 28-July 8....	.....	.....	Present.
Hongkong.....	May 21-June 24...	14	8	
Nanking.....	May 28-July 22...	.....	.....	Do.
Shanghai.....	May 24-June 25...	1	6	Deaths among natives.
Swatow.....	May 28-July 22...	.....	.....	Present in the district.
Colombia:				
Cartagena.....	May 22-July 9....	.....	.....	Present.
Egypt:				
Alexandria.....	Apr. 1-May 31.....	44	27	
Cairo.....	May 22-June 17...	7	3	
Port Said.....	May 29-July 1....	10	10	
France:				
Havre.....	July 16-22.....	1	1	
Paris.....	June 18-22.....	4	.....
Germany.....				Total for Germany, June 4-July 29; cases, 17.
Bremen.....	July 9-15.....	1	.....
Gibraltar.....	June 4-11.....	1	.....
Great Britain:				
Birmingham.....	July 2-15.....	1	1	
Dundee.....	June 11-22.....	5	.....
Liverpool.....	June 18-July 8....	2	.....
London.....	June 4-24.....	13	.....
Plymouth.....	July 2-8.....	.....	1	
Sheffield.....	June 18-24.....	.....	1	

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

Reports Received from July 1 to Aug. 18, 1911.

SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
India:				
Bombay.....	May 21-June 24.....	72	53	
Calcutta.....	May 7-June 24.....	51	6	
Madras.....	May 21-July 18.....	51	25	
Rangoon.....	May 1-31.....	238	107	
Indo-China:				
Saigon.....	May 15-July 2.....	78	27	
Italy:				
Catania.....	July 19-22.....	.....	3	
Naples.....	June 11-July 22.....	44	6	
Palermo.....	June 4-July 22.....	92	59	
Japan:				
Yokohama.....	June 13-19.....	1	.....
Mexico:				
Chihuahua.....	June 23-July 23.....	4	3	
Cuidad Juarez.....	July 9-29.....	3	.....
Ciudad Porfirio Diaz.....	July 23-Aug. 5.....	5	5	
Frontera.....	June 19-24.....	1	.....
Guadalajara.....	June 18-24.....	.....	1	
Mexico.....	May 21-July 15.....	.....	113	
San Juan Bautista.....	June 17-July 15.....	.....	.....	Present and in vicinity.
San Luis Potosi.....	June 4-July 1.....	9	12	
Tampico.....	June 11-July 10.....	.....	4	
Portugal:				
Lisbon.....	June 4-Aug. 5.....	70	.....	May 7-20, deaths 3.
Porto Rico:				
Ponce.....	Apr. 1-30.....	.....	1	
Portuguese East Africa:				
Lourenço Marquez.....	.....do.....	.....	1	
Russia:				
Batoum.....	May 1-June 30.....	3	.....
Libau.....	June 5-July 2.....	11	1	July 16, 1 death.
Moscow.....	May 28-July 15.....	111	53	
Odessa.....	May 27-July 1.....	3	.....
Reval.....	May 1-31.....	5	.....
Riga.....	May 27-July 8.....	14	.....	Apr. 1-May 31, deaths 14.
St. Petersburg.....	May 21-July 8.....	119	25	
Warsaw.....	Apr. 2-June 3.....	31	16	
Windau.....	June 25-July 1.....	.....	.....	Present.
Siam:				
Bangkok.....	Apr. 16-July 14.....	48	37	
Siberia:				
Omsk.....	May 29-July 14.....	3	.....
Vladivostok.....	May 14-June 30.....	12	5	
South Africa:				
Port Elizabeth.....	May 21-27.....	1	.....
South Australia:				
Adelaide.....	Apr. 15.....	.....	.....	1 case from Colombo on s. s. Mooltan.
Spain:				
Barcelona.....	May 6-17.....	.....	4	
Madrid.....	June 1-30.....	.....	1	
Seville.....	.....do.....	.....	2	
Valencia.....	June 4-July 29.....	26	4	
Straits Settlements:				
Penang.....	Apr. 30-May 27.....	2	.....
Singapore.....	May 7-June 17.....	61	25	
Switzerland:				
Ticino, canton.....	May 28-June 3.....	1	.....
Turkey:				
Constantinople.....	June 4-July 30.....	.....	4	
Turkey in Asia:				
Beirut.....	May 27-July 29.....	35	2	
Kharpuz.....	May 21-June 10.....	34	3	
Uruguay:				
Montevideo.....	Apr. 1-May 31.....	34	9	
Zanzibar:				
Zanzibar.....	May 15-July 2.....	18	10	
At sea.....	May 15.....	1	.....	On s. s. Narrung; vessel quarantined at Adelaide, Melbourne, and Sydney.

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	July 22	163,084	39									1	1	1
Aix-la-Chapelle	July 15	156,464	67	4						1				1
Amsterdam	Aug. 5	577,188	139	15						1			2	4
Antwerp	July 29	327,668	92	6								1	1	
Athens	July 8	250,010	82	21						1				
Barmen	do.	169,300	30									5		1
Batavia	do.	217,630				6		1	1					
Beirut	July 29	80,000	25	3						2				
Belfast	do.	386,449	105	15										1
Do.	Aug. 6		123	20								1		2
Bergen	Aug. 9	87,749	20	2										
Berlin	July 22	2,066,727	416	67						1	8	6	6	11
Bombay	July 8	997,822	554	44	28							4	4	
Do.	July 15		555	38	25			3				3	3	
Bradford	July 29	288,732	65	8				3				2	2	2
Bremen	do.	246,850	70	6								2	2	
Brunswick	July 15	143,543		2						1	4	17		
and 23														
Brussels	July 29	649,846	219	31						1	1	1	1	
Budapest	do.	950,610								3	12	2	10	
Cairo	July 8	689,439	757	27					6	4	5	12	19	
Do.	July 15		654	23								7	22	
Calcutta	July 1	890,493	405	31	43	25								
Chemnitz	July 22	294,930	102	10								1	1	
Christiania	July 29	245,000	46	10								1	2	
Do.	Aug. 5		71	8								1	2	1
Cologne	July 22	520,428	230	19								2	6	5
Do.	July 29		348	19						1		2	11	5
Colon	Aug. 2	17,369	8	1						1				
Constantinople	July 30	1,000,000	330	32		60		3		7			2	
Copenhagen	July 22	462,000	98	11									2	5
Denia	July 29	12,431												
Dresden	July 15	549,500	143	29						1		1	1	
Do.	July 22		132	17								3	1	
Dublin	July 29	403,732	186	32						1	2		7	3
Dundee	do.	171,006	41	5				1						1
Do.	Aug. 5		42	6				1						
Edinburgh	July 29	320,829	98	6								1		2
Erfurt	July 22	123,860	55	1								1	1	
Do.	July 29			2						2		1	1	
Frankfort-on-Main	July 15	417,300	98									2	1	3
Gibraltar	Aug. 6	23,915	10	1						1				1
Glasgow	Aug. 4	784,655	231	3						1	1	2	3	12
Gothenberg	Aug. 5	168,000	41	3								3		1
Kingston, Jamaica	July 29	59,584								2				
Kingston, Ontario	Aug. 12	20,000									1			
Hamburg	July 29	932,166	277	29						1	6	13	3	3
Hull	Aug. 5	278,968	90							1			1	1
Hongkong	July 1	336,488			12			2						
Do.	July 8				6	3		3						
Konigsberg	July 29	246,500	88	8						1				1
Kurrachi	July 13	148,000	77		13									
Leipzig	July 22	585,743	175	14								1	2	2
Do.	July 29		307	12								2	2	2
Liege	do.	174,768	64	5								3	1	
Liverpool	do.	747,627	272	19						1	4	3	5	2
London	do.	7,269,752	1,755	19						1	2	16	28	
Madras	July 15	550,000	306			1		3					1	
Magdeburg	do.	277,963	113	9								2		
Do.	July 22		115	6								5	5	
Manaos	do.	52,000	42				1							
Manchester	July 29	631,533	202	31								2	2	5
Mannheim	July 8	195,827	43	7								1		1
Do.	July 15		58	4								1	2	1
Montreal	Aug. 12	450,000	204	17						2	2			
Moscow	July 22	1,500,000	1,088	67				5	1	2	15	5	26	2
Ottawa	Aug. 12	86,000	41	2										
Nagasaki	July 16	178,074	46	7						1				
Nagoya	July 9	402,101	127							1				

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

ARGENTINA—Rosario.—Month of April, 1911. Population 202,154. Total number of deaths from all causes 411, including diphtheria 13, scarlet fever 1, smallpox 28, tuberculosis 33, typhoid fever 22.

Month of May, 1911. Total number of deaths from all causes 415, including diphtheria 4, smallpox 47, tuberculosis 59, typhoid fever 16.

DUTCH GUIANA—Paramaribo.—Month of June, 1911. Population 37,475. Total number of deaths from all causes 99. No contagious diseases.

FRANCE—Nice.—Month of February, 1911. Population 168,185. Total number of deaths from all causes 368, including measles 33, tuberculosis 32, typhoid fever 5.

Month of March, 1911. Total number of deaths from all causes 302, including diphtheria 1, measles 7, scarlet fever 1, tuberculosis 44.

Month of April, 1911. Total number of deaths from all causes 262, including diphtheria 1, measles 4, tuberculosis 46.

Month of May, 1911. Total number of deaths from all causes 256, including measles 2, tuberculosis 43, typhoid fever 2.

St. Etienne.—Two weeks ended July 15, 1911. Population 150,000. Total number of deaths from all causes 102, including tuberculosis 14; typhoid fever, 1.

GREAT BRITAIN.—Week ended July 29, 1911.

England and Wales.—The deaths registered in 77 great towns correspond to an annual rate of 13.6 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 16.4 per 1,000 of the population, which is estimated at 1,149,495. The lowest rate was recorded at Portadown, viz, 4.4, and the highest at Newry, viz, 26.2 per 1,000.

Scotland.—The deaths registered in 8 principal towns correspond to an annual rate of 14.9 per 1,000 of the population, which is estimated at 1,710,291. The lowest rate was recorded at Aberdeen, viz, 9.9, and the highest at Greenock, viz, 22.2 per 1,000. The total number of deaths from all causes was 488, including diphtheria 6, measles 4, scarlet fever 4, typhoid fever 6.

ITALY—Florence.—Month of June, 1911. Population 242,403. Total number of deaths from all causes 359, including measles 10, tuberculosis 47, typhoid fever 4.

Genoa.—Two weeks ended July 31, 1911. Population 295,631. Total number of deaths from all causes 240, including tuberculosis 12, typhoid fever 2.

Milan.—Month of July, 1911. Population 900,000. Total number of deaths from all causes 170, including diphtheria 1, measles 5, scarlet fever 1, tuberculosis 135, typhoid fever 25.

SPAIN—*Almeria*.—Month of July, 1911. Population 50,910. Total number of deaths from all causes 148, including tuberculosis 9, typhoid fever 4.

Barcelona.—Period from July 26 to August 4, 1911. Population, 591,272. Total number of deaths from all causes 380, including diphtheria 1, measles 2, tuberculosis 28, typhoid fever 11.

Cadiz.—Month of June, 1911. Population 67,306. Total number of deaths from all causes 162, including tuberculosis 29, typhoid fever 4.

TAHITI.—Two weeks ended July 7, 1911. Population 4,000. Total number of deaths from all causes 3. No deaths from contagious diseases.

TRANSVAAL—*Bloemfontein*.—Month of June, 1911. Population 20,278. Total number of deaths from all causes not reported. The deaths include typhoid fever 1.

By authority of the Secretary of the Treasury:

WALTER WYMAN,

Surgeon General,

United States Public Health and Marine-Hospital Service.