

## PUBLIC HEALTH REPORTS.

---

### A REPORT ON THE PREVENTION OF THE POLLUTION OF STREAMS BY PULP FACTORIES IN GERMANY.

By Consul W. Washington Brunswick, Chemnitz, Germany.

Although the factories manufacturing wood pulp are located along the principal streams in Germany, yet the rivers have been practically free from pollution, owing to the strict regulations and thorough control which prevent any waste from being emptied into the rivers.

Manufacturers are required to use every precaution possible to prevent the waste reaching the streams. The water which is to be emptied into the river must leave the factory in an uninjurious and clean condition, free from any remnants from the manufacturing process. This is accomplished by passing the discharge through one or more settling ponds and, if necessary, through filters. The streams are controlled by the authorities, and any justified claim against the quality of the waters, due to pollution from the factories, is at once investigated and the condition corrected.

There are no regulations setting forth the exact method which a manufacturer must employ to prevent the pollution of the streams, as each manufacturer may carry out his own ideas upon the subject, so long as his method successfully prevents the pollution of the streams. Settling ponds are invariably used and the results are satisfactory.

The service which inspects the disposition of the waste material of factories is under the immediate jurisdiction of the county authorities and has charge of the licensing of factories.

### A REPORT ON SCHOOL PHYSICIANS IN GERMANY.

By Consul George Nicholas Ifft, Nuremberg, Germany.

Medical inspection and supervision of schools is perhaps more thorough in Germany than in any other country. The city of Nuremberg, with a population of 320,000, employs 15 school physicians, who have the medical supervision of about 42,000 school children, distributed throughout the city, in about 70 school buildings, and subdivided into about 835 classes. According to the medical report for the 1906-7 school year, each school physician had under his supervision an average of 55 classes with 2,740 pupils. These figures do not include the kindergartens and foundlings' establishments, which also come under the control of the school physicians and which for the year in question increased the total by 3,055 children.

The pay of school physicians in Nuremberg varies from \$130 to \$285 per year, averaging about \$190. The average annual expenditure of the city for this purpose is thus about \$2,850. The pay is regulated by the number of classes inspected, \$7.14 being allowed for each infant class inspected and \$24.38 for higher classes. A school physician who has in his district 9 infant classes and 61 other classes, which is about the average, would thus receive a total of \$209.44 for his services during the year.

The duties of school physicians in Nuremberg are set forth in great detail in the order of the council providing therefor. They must visit all the school buildings in their districts three times each year, at approximately stated periods, and investigate all matters of heating, lighting, and ventilation, cleanliness, arrangements of gymnasiums, baths, and toilets, and the seating arrangements with reference to the size of the pupils, and make report in regard to the same.

In addition to these general inspections, all children entering school must be individually examined three times during the first year. The first examination must take place with the beginning of the school year and be completed by the end of September. This examination is for the purpose of establishing that they are fit for school, and can do the work without injury either to their mental or physical well-being. The second of these examinations is made between the new year and Easter. This calls for a thorough physical examination, each child being required to strip. In each such examination the parents of the child are invited to be present at the examination. The third examination is made during the summer term and must be completed before the beginning of the summer holidays, and the eyes and ears are the especial points upon which it is made. Through these examinations defective children are properly placed with reference to the remedying of such defects and to their general well-being and development, some being denied admission, set back for a year, excused from certain work, either mental or physical, or allowed to continue conditionally under the immediate eye of the physician.

Aside from these regular examinations, the school physician must respond to every call for examination in regard to suspected contagious disease, oversee disinfection, and certify the return to school of any child that has been out of school by reason of contagious disease. Every case of contagious disease must be fully reported. In addition to these duties, the school physicians must conduct such examinations and make such reports as may be directed by the council in the interests of scientific and educational questions, to arrive at the development of the child physically or mentally, with especial regard to the outlining of courses of study or gymnastic exercises.

Statistics in regard to the activities of the school physicians in 77 Prussian cities of more than 25,000 population have recently been compiled. In practically all cases the physicians are named for certain city districts or particular schools and their activities in such respect are incidental to their general practice. Only in the city of Dortmund is there a chief school physician, whose whole time is devoted to such duties, and under whose direction are all the various district school physicians. In other cities the school physicians are under the direction of one or other of the physicians charged with the

care of some special municipal department. In still other cities there are no special school physicians, but the examinations of school children for eye, ear, nose, and throat diseases are made from time to time by physicians especially designated for that purpose. In two cities, Erfurt and Nordhausen, there are school dentists, and in one, Charlottenburg, there is a school physician for orthopedic gymnastics.

From the number of school physicians for each of the several cities and the number of children assigned to each of the physicians, it is apparent that no general average has yet been worked out for school physicians in Germany. In Berlin, for instance, each of the 44 school physicians had under his supervision an average of 7 schools with 5,150 pupils, distributed in 138 classes; in Hanover there were 19 school physicians, with an average of 4 schools and 1,440 pupils in 27 classes, for each; in Charlottenburg, 15 physicians with an average of 2 schools and 1,430 pupils in 27 classes, each; in Barmen, 2 physicians with 25 schools and 11,880 pupils in 218 classes, each; in Rixdorf, one physician with 23 schools and 22,934 pupils in 398 classes. There is just as great variation in the pay of the school physicians, their salaries ranging from \$500 to \$22.50 per year.

---

## UNITED STATES.

[Reports to the Surgeon-General, Public Health and Marine-Hospital Service.]

### PELLAGRA.

#### *Report from Beaufort, S. C.*

Acting Assistant Surgeon Hay reports, September 30:

I have been informed by Doctor Guffin, a practicing physician of Beaufort, S. C., that he has had 8 cases of pellagra, all of which proved fatal.

#### *Report from Georgetown, S. C.*

Acting Assistant Surgeon Moorer reports, September 25:

During the past 5 years there have been 6 cases of pellagra under my observation at the Georgetown Infirmary. Four of these cases came from the county chain gang. I mistook my first case for Addison's disease, but noticed instead of pigmentation in mouth and fauces a raw and bleeding surface. Then the bronzed skin peeled, leaving raw surfaces. The bronzing of the skin appeared on the dorsal surfaces of arms and back, and especially the neck. There were intense intestinal and trophic disturbances, and anorexia and lassitude connected with all the cases. Only one became so deranged mentally as to require treatment at the insane asylum. The majority of the cases were in persons of negro race between the ages of 20 and 40 years.

The treatment employed in these cases was: Strychnine, arsenic, and the tincture of the chloride of iron in large and increasing dosage, and a strict dietary of from 2 to 3 quarts of milk, with from 8 to 10 raw eggs a day. Five of the cases have completely recovered. The fate of the sixth case, which was sent to the state asylum for the insane, is unknown to me.

*Report from Jacksonville, Fla.*

Acting Assistant Surgeon McGinness reports, September 24:

On inquiry I find one case of suspected pellagra at present in Jacksonville under the care of a physician. The patient came to this city from Atlanta, Ga., several months ago and has been under medical supervision since May, 1909.

*Report from Key West, Fla.*

Quarantine Inspector Porter reports, September 23:

During the year 1908 two cases of pellagra were discovered and treated at the Florida hospital for the insane. No cases are known to have occurred this year in Florida, except possibly a suspicious case which is now being investigated at Hampton Springs.

*Report from Wilmington, N. C.*

Surgeon Gardner reports, September 29:

The annual recrudescence of pellagra in this city and vicinity was delayed this year until June. Since that time about 40 cases have come under observation of the local physicians; 3 or 4 deaths have been reported as due to this cause.

Dr. E. J. Wood, of this city, informs me that there has been a marked increase in the number of cases, but that the type of the disease is much milder than in former years and that it is now more nearly that seen in Italy.

The number of cases is falling off now, as is usual at this season of the year.

*Report from San Francisco, Cal.—Plague-prevention work at San Francisco, Oakland, and Point Richmond, and in Alameda and Contra Costa counties, Cal.*

Surgeon Blue reports:

## SAN FRANCISCO, CAL.

Last case of human plague: Sickened, January 30, 1908.

Last case of rodent plague: October 23, 1908.

*Week ended September 25, 1909.*

Sick inspected.....	2
Plague.....	0
Dead inspected.....	118
Plague.....	0
Premises inspected.....	2, 110
Houses disinfected.....	16
Houses destroyed.....	2
Buildings condemned.....	10
Nuisances abated.....	231
<hr/>	
Rats found dead.....	14
Rats trapped.....	2, 205
<hr/>	
Total rats taken.....	2, 219
<hr/>	

<b>Rats identified:</b>	
Mus norvegicus.....	1,629
Mus rattus.....	69
Mus musculus.....	503
Mus alexandrinus.....	14
Total.....	2,215
<b>Rats identified as to sex:</b>	
Male.....	874
Female.....	925
Total.....	1,799
Rats examined bacteriologically.....	1,330
Plague rats.....	0
Poisons placed.....	23,682
Total number of rats infected to date.....	398

## OAKLAND, CAL.

Last case of human plague: Sickened, July 17, 1908.

Last case of rodent plague: Trapped, December 1, 1908.

*Week ended September 25, 1909.*

Dead inspected.....	23
Plague.....	0
Rats found dead.....	34
Rats trapped.....	629
Rats identified.....	663
Mus norvegicus.....	585
Mus rattus.....	2
Mus musculus.....	76
Rats examined bacteriologically.....	557
Plague rats.....	0

## POINT RICHMOND, CAL.

*Week ended September 25, 1909.*

Sick inspected.....	1
Plague.....	0
Dead inspected.....	4
Plague.....	0

## ALAMEDA COUNTY, CAL. (EXCLUSIVE OF OAKLAND).

Last case of human plague: Sickened 10 miles east of Sunol, July 27, 1909.

Last case of rodent plague: Found September 15, 1909.

*Week ended September 11.*

Dead inspected.....	51
Plague.....	0
Necropsies held.....	1
Ranches inspected.....	78
Ground squirrels shot.....	507
Ground squirrels examined bacteriologically.....	507
Ground squirrels infected with <i>B. pestis</i> .....	8
Total number of ground squirrels infected to date.....	25

Plague-infected ground squirrels obtained from the following places:

*September 1, 1909.*

McGlincey ranch, Livermore.....	1
---------------------------------	---

*September 3, 1909.*

Leonardo ranch, Altamont.....	1
-------------------------------	---

*September 7, 1909.*

Eagan ranch, Altamont.....	1
Driscoll ranch, Sunol.....	1

*September 8, 1909.*

Thiele ranch, Altamont.....	1
-----------------------------	---

*September 10, 1909.*

McGlincey ranch, Livermore.....	1
Hobner ranch, Altamont.....	1

*September 11, 1909.*

Leonardo ranch, Altamont.....	1
-------------------------------	---

*Week ended September 18, 1909.*

Dead inspected.....	60
Plague.....	0
Ranches inspected.....	104
Ground squirrels shot.....	595
Ground squirrels found dead.....	2
Ground squirrels examined bacteriologically.....	426
Ground squirrels infected with <i>B. pestis</i> .....	3
Total number of ground squirrels infected to date.....	28

Plague-infected ground squirrels obtained from the following places:

*September 14, 1909.*

Matsen's ranch, Altamont.....	1
Morse ranch, Altamont.....	1

*September 15, 1909.*

Matsen's ranch, Altamont.....	1
-------------------------------	---

## CONTRA COSTA COUNTY, CAL. (EXCLUSIVE OF POINT RICHMOND).

Last case of human plague: Sickened July 21, 1908.

Last case of rodent plague: Found September 17, 1909. .

*Week ended September 11.*

Dead inspected.....	3
Plague.....	0
Ranches inspected.....	109
Ground squirrels shot.....	1,298
Ground squirrels found dead.....	4
Ground squirrels trapped.....	5
Ground squirrels examined bacteriologically.....	1,302
Ground squirrels infected with <i>B. pestis</i> .....	26
Plague squirrels.....	0
Total number of ground squirrels infected to date.....	221

Plague-infected ground squirrels obtained from the following places:

*August 10, 1909.*

Nunez ranch.....	1
------------------	---

*September 2, 1909.*

Crockett district.....	1
------------------------	---

*September 6, 1909.*

Hill View ranch (A. Quandt).....	9
----------------------------------	---

*September 7, 1909.*

Hill View ranch (A. Quandt).....	2
----------------------------------	---

*September 9, 1909.*

Hill View ranch (A. Quandt).....	5
McEntee ranch.....	1
Christensen ranch.....	1

<i>September 10, 1909.</i>	
Evoy ranch.....	1
<i>September 11, 1909.</i>	
Hill View ranch (A. Quandt).....	5
<i>September 15, 1909.</i>	
Hill View ranch (A. Quandt).....	1
<i>September 17, 1909.</i>	
Evoy ranch.....	1
Reilly ranch (Crockett district).....	1
<i>Week ended September 18.</i>	
Ranches inspected.....	141
Ground squirrels shot.....	1,304
Acres covered with poison.....	15
Poisons placed.....	85
Ground squirrels examined bacteriologically.....	1,165
Ground squirrels infected with <i>B. pestis</i> .....	3
Total number of ground squirrels infected to date.....	224

*Report from Evansville, Ind.—Scarlet fever.*

Surgeon Stoner reports, October 7:

During the month of September, 1909, 82 cases of scarlet fever occurred in Evansville. There are 67 cases of the disease in the city at present. The city board of health is taking all precautions to prevent the further spread of the contagion.

STATISTICAL REPORTS OF MORBIDITY AND MORTALITY, STATES AND  
CITIES OF THE UNITED STATES—UNTABULATED.

**COLORADO**—*Colorado Springs*.—Month of July, 1909. Estimated population, 32,000. Total number of deaths 53, corresponding to an annual resident death rate of 8.63, including enteric fever 2, whooping cough 2, and 15 from tuberculosis. Cases: Enteric fever 8, measles 3, scarlet fever 6.

Month of August, 1909. Total number of deaths 51, corresponding to an annual resident death rate of 5.62, including enteric fever 2, whooping cough 1, and 15 from tuberculosis. Cases: Enteric fever 13, scarlet fever 6.

**INDIANA**—*Muncie*.—Month of September, 1909. Estimated population, 30,266. Total number of deaths 16, including enteric fever 2, and 4 from tuberculosis. Cases: Diphtheria 1, enteric fever 16, scarlet fever 5, whooping cough 1, and 2 from tuberculosis.

**MAINE**—*Portland*.—Four weeks ended April 3, 1909. Estimated population, 62,000. Total number of deaths, 78. Annual rate per 1,000, 16.35, including diphtheria 1, scarlet fever 2, and 7 from tuberculosis. Cases: Diphtheria 5, enteric fever 2.

Four weeks ended May 1, 1909. Total number of deaths, 82. Annual rate, 17.19, including diphtheria 1, enteric fever 1, and 5

from tuberculosis. Cases: Diphtheria 9, enteric fever 4, scarlet fever 7.

Four weeks ended May 29, 1909. Total number of deaths, 72. Annual rate, 15.09, including whooping cough 1, and 7 from tuberculosis. Cases: Diphtheria 1, scarlet fever 4.

Four weeks ended June 26, 1909. Total number of deaths, 81. Annual rate, 16.99, including diphtheria 1, whooping cough 2, and 8 from tuberculosis. Cases: Diphtheria 6, enteric fever 1, scarlet fever 1.

Four weeks ended July 24, 1909. Total number of deaths, 59. Annual rate, 12.38, including 9 from tuberculosis. Cases: Diphtheria 7, enteric fever 3, scarlet fever 1.

Four weeks ended August 21, 1909. Total number of deaths, 64. Annual rate, 13.42, including diphtheria 1, enteric fever 1, and 3 from tuberculosis. Cases: Diphtheria 5, enteric fever 12, scarlet fever 6.

Four weeks ended September 19, 1909. Total number of deaths, 98. Annual rate, 21.23, including diphtheria 2, enteric fever 3, whooping cough 1, and 9 from tuberculosis. Cases: Diphtheria 8, enteric fever 16, scarlet fever 7.

MARYLAND—*Baltimore*.—Month of January, 1909. Estimated population, 581,000; white 489,000, colored 92,000. Total number of deaths, 875; white 653, colored 222. Annual rate per 1,000, 17.25, including diphtheria 9, enteric fever 16, measles 2, scarlet fever 2, and 124 from tuberculosis. (White 79, colored 45.) Cases: Diphtheria 83, enteric fever 39, measles 284, scarlet fever 45, whooping cough 17, and phthisis pulmonalis 74.

Month of February, 1909. Total number of deaths 757; white 576, colored 181, including diphtheria 10, enteric fever 3, measles 5, scarlet fever 2, whooping cough 1, and 108 from tuberculosis; white 67, colored 41. Cases: Diphtheria 105, enteric fever 23, measles 448, scarlet fever 48, whooping cough 12, phthisis pulmonalis 74.

Month of March, 1909. Total number of deaths 984; white 719, colored 265, including diphtheria 11, enteric fever 5, measles 6, scarlet fever 3, whooping cough 1, and 153 from tuberculosis; white 100, colored 53. Cases: Diphtheria 99, enteric fever 20, measles 576, scarlet fever 44, whooping cough 24, phthisis pulmonalis 88.

MICHIGAN.—There were 3,262 deaths returned to the department of state as having occurred during the month of August, 1909. This corresponds to an annual death rate of 14.4 per 1,000 estimated population. Reports were received from districts covering 2,495,514 persons, according to the last state census, or 98.63 per cent of the total registrable population of the State.

Important causes of death were as follows: Pulmonary tuberculosis, 177; other forms of tuberculosis, 24; enteric fever, 51; diphtheria and croup, 20; scarlet fever, 20; measles, 9; whooping cough, 18.]



There was one death from smallpox during the month, returned from Cass County. One death from rabies was returned from Lapeer County.

**NEW JERSEY.**—Reports to the state board of health for the month of August, 1909, show a total of 3,209 deaths, including diphtheria 21, enteric fever 29, measles 11, scarlet fever 25, whooping cough 31, and 325 from tuberculosis.

**OREGON—Portland.**—Month of August, 1909. Estimated population, 255,000. Total number of deaths, 197; rate per month per 1,000, 70, including diphtheria 1, enteric fever 3, measles 1, and 11 from tuberculosis. Cases: Diphtheria 17, enteric fever 21, scarlet fever 23, smallpox 7, phthisis pulmonalis 12.

*Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, June 26 to October 15, 1909.*

For reports received from December 25, 1908, to June 25, 1909, see PUBLIC HEALTH REPORTS for June 25, 1909.]

[NOTE.—In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

Place.	Date.	Cases.	Deaths.	Remarks.
<b>California:</b>				
Berkeley.....	July 25-31.....	1		
Hobart Mills.....	Apr. 1-30.....	1		
Sacramento.....	June 6-12.....	1		
San Francisco.....	June 6-July 3.....	2		
Truckee.....	Mar. 23.....	3		
Total for State.....		8		
<b>Colorado:</b>				
Adams County.....	Apr. 1-June 30.....	5		
Boulder County.....	Apr. 1-June 30.....	8		
Clear Creek County.....	Apr. 1-June 30.....	1		
Denver County—				
Denver.....	Apr. 1-June 30.....	10		
El Paso County.....	Apr. 1-June 30.....	3		
Fremont County.....	Apr. 1-June 30.....	13		
Grand County.....	Apr. 1-June 30.....	1		
Huerfano County.....	Apr. 1-June 30.....	24		
Larimer County.....	Apr. 1-June 30.....	4		
Las Animas County.....	Apr. 1-June 30.....	1		
Mesa County.....	Apr. 1-June 30.....	20		
Montrose County.....	Apr. 1-June 30.....	2		
Morgan County.....	Apr. 1-June 30.....	17		
Otero County.....	Apr. 1-June 30.....	1		
Pueblo County.....	Apr. 1-June 30.....	8		
Rio Grande County.....	Apr. 1-June 30.....	1		
San Miguel County.....	Apr. 1-June 30.....	4		
Weld County.....	Apr. 1-June 30.....	1		
Total for State.....		124		
<b>Connecticut:</b>				
New Haven.....	May 1-31.....	1		
Total for State.....		1		
<b>District of Columbia:</b>				
Washington.....	Aug. 8-Oct. 2.....	5		
Total for District.....		5		
<b>Georgia:</b>				
Macon.....	June 14-Sept. 21.....	9		
Total for State.....		9		

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Illinois:</b>				
Alexander County—				
Calro.....	May 1-June 30....	25		
Bureau County.....	Aug. 1-31.....	1		
Champaign County.....	Apr. 1-May 31.....	25		
Christian County.....	Apr. 1-May 31.....	35		
Clay County.....	Apr. 1-30.....	1		
Clinton County.....	Apr. 1-June 30....	7		
Cook County—				
Chicago.....	June 20-Aug. 21....	5		
Dewitt County.....	May 1-31.....	7		
Edwards County.....	Apr. 1-May 31.....	3		
Effingham County.....	Apr. 1-30.....	2		
Fayette County.....	May 1-31.....	2		
Franklin County.....	Apr. 1-May 31.....	2		
Fulton County.....	Apr. 1-June 30.....			Present.
Gallatin County.....	Apr. 1-May 31.....	16		
Iroquois County.....	May 1-31.....	1		
Jackson County.....	Apr. 1-May 31.....	14		
Murphysboro.....	Apr. 1-May 31.....	40		
Knox County.....	Apr. 1-30.....	8		
Lake County.....	Apr. 1-July 31.....	14		
Lassalle County.....	Apr. 1-30.....	3		
McDonough County.....	Apr. 1-30.....	25		
McHenry County—				
Marengo.....	May 1-June 30.....	97		
Macoupin County.....	Apr. 1-May 31.....	6		
McLean County.....	June 1-30.....	1		
Madison County.....	May 1-June 30.....	2		
Marion County.....	Apr. 1-June 30.....	14		
Menard County.....	Aug. 1-31.....	5		
Massac County—				
Metropolis.....	Apr. 1-May 31.....	29		
Montgomery County.....	May 1-June 30.....	2		
Peoria County.....	Apr. 1-June 30.....	13		
Peoria.....	June 1-Aug. 31.....	46		
Perry County.....	Apr. 1-Aug. 31.....	18		
Pulaski County.....	May 1-31.....	5		
Rock Island County—				
Moline.....	June 1-July 31.....	2		
St. Clair County—				
East St. Louis.....	May 1-June 30.....	11		
Saline County.....	May 1-31.....	30		
Sangamon County.....	Apr. 1-30.....	1		
Springfield.....	May 29-July 9.....	3		
Schuyler County.....	May 1-31.....	1		
Shelby County.....	Apr. 1-July 31.....	3		
Stephenson County.....	May 1-31.....	4		
Tazewell County.....	May 1-31.....	6		
Pekin.....	Apr. 1-Aug. 31.....	78		
Union County.....	Apr. 1-May 31.....	5		
Vermilion County.....	Apr. 1-May 31.....	2		
Danville.....	June 14-Sept. 25....	13		
Warren County.....	June 1-July 31.....	3		
Will County—				
Joliet.....	July 1-31.....	1		
Williamson County.....	Apr. 1-Aug. 31.....	17		
Winnebago County.....	June 1-30.....	1		
Woodford County.....	Apr. 1-July 31.....	25		
Total for State.....		679		
<b>Indiana:</b>				
Allen County.....	May 1-31.....	5		
Fort Wayne.....	June 6-Sept. 11....	88		
Carroll County.....	June 1-30.....	1		
Clay County.....	June 1-30.....	4		
Dearborn County.....	May 1-31.....	4		
Dekalb County.....	June 1-30.....	1		
Delaware County.....	May 1-31.....	1		
Muncie.....	June 20-July 10....	4		
Fayette County.....	June 1-30.....	1		
Fountain County.....	July 1-31.....	1	1	
Gibson County.....	May 1-31.....	5		
Grant County.....	May 1-July 31.....	4		
Greene County.....	June 1-July 31.....	4	1	
Marion County—				
Indianapolis.....	June 14-20.....	1		
Montgomery County.....	May 1-June 30.....	9		
Parke County.....	May 1-31.....	1		
Pulaski County.....	May 1-31.....	2		

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Indiana—Continued.</b>				
St. Joseph County.....	June 1-30.....	4	—	
South Bend.....	June 13-Aug. 14....	5	—	
Tipton County.....	July 1-31.....	1	—	
Vanderburg County.....	May 1-June 30.....	26	—	
Vermillion County.....	May 1-July 31.....	43	—	
Vigo County.....	June 1-30.....	4	—	
Wayne County.....	May 1-July 31.....	15	1	
White County.....	May 1-31.....	2	—	
Total for State.....		236	3	
<b>Iowa:</b>				
Cedar Rapids.....	July 1-Aug. 31.....	2	—	
Keokuk.....	May 1-31.....	3	—	
Ottumwa.....	June 1-30.....	1	—	
Total for State.....		6	—	
<b>Kansas:</b>				
Allen County.....	May 1-31.....	5	—	
Atchison County.....	June 1-July 31.....	8	—	
Brown County.....	June 1-30.....	1	—	
Chautauque County.....	May 1-31.....	3	—	
Cherokee County.....	May 1-31.....	1	—	
Coffey County.....	May 1-31.....	1	—	
Comanche County.....	June 1-30.....	3	—	
Cowley County.....	May 1-31.....	14	—	
Crawford County.....	May 1-31.....	20	—	
Pittsburg.....	May 1-June 30.....	4	—	
Decatur County.....	June 1-30.....	12	1	
Dickinson County.....	May 1-July 31.....	3	—	
Doniphan County.....	May 1-Aug. 31.....	29	—	
Douglas County.....	May 1-31.....	1	—	
Elk County.....	May 1-31.....	1	—	
Ellsworth County.....	June 1-30.....	1	—	
Franklin County.....	May 1-31.....	5	—	
Geary County.....	May 1-July 31.....	5	—	
Graham County.....	June 1-30.....	6	—	
Greenwood County.....	May 1-31.....	3	—	
Jackson County.....	May 1-June 30.....	24	—	
Jefferson County.....	May 1-31.....	2	—	
Jewell County.....	May 1-31.....	6	—	
Kearny County.....	May 1-31.....	1	—	
Kingman County.....	July 1-31.....	2	—	
Labette County—				
Parsons.....	May 1-July 31.....	10	—	
Lincoln County.....	July 1-31.....	4	—	
Lyon County.....	May 1-July 31.....	28	—	
McPherson County.....	July 1-31.....	1	—	
Marion County.....	July 1-31.....	1	—	
Marshall County.....	May 1-Aug. 31.....	230	—	
Montgomery County.....	May 1-July 31.....	10	—	
Coffeyville.....	July 1-31.....	1	—	
Nemaha County.....	June 1-July 31.....	11	—	
Osage County.....	May 1-June 30.....	32	—	
Osborne County.....	May 1-June 30.....	11	—	
Ottawa County.....	May 1-31.....	3	—	
Phillips County.....	May 1-31.....	1	—	
Pottawatomie County.....	May 1-July 31.....	15	—	
Pratt County.....	May 1-July 31.....	6	—	
Rawlins County.....	May 1-31.....	13	—	
Republic County.....	June 1-30.....	5	—	
Riley County.....	May 1-June 30.....	8	—	
Rooks County.....	July 1-31.....	1	—	
Rush County.....	June 1-30.....	2	—	
Russell County.....	June 1-30.....	1	—	
Saline County.....	May 1-31.....	2	—	
Scott County.....	Aug. 1-31.....	1	—	
Sedgwick County.....	May 1-31.....	11	—	
Wichita.....	July 11-Aug. 7.....	5	—	
Shawnee County.....	May 1-Aug. 31.....	13	—	
Topeka.....	May 1-July 31.....	45	—	
Smith County.....	May 1-31.....	11	—	
Sumner County.....	May 1-31.....	3	—	
Thomas County.....	May 1-31.....	1	—	
Wabaunsee County.....	May 1-31.....	6	—	
Wyandotte County.....	May 1-31.....	4	—	
Kansas City.....	June 13-July 17....	10	—	
Total for State.....		667	1	

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Kentucky:</b>				
Covington.....	June 13-July 3....	5		
Lexington.....	June 20-Aug. 21....	16		
Newport.....	June 14-July 25....	4		
Paducah.....	June 13-26.....	3		
Total for State.....		28		
<b>Louisiana:</b>				
New Orleans.....	June 13-Sept. 4....	13		
Total for State.....		13		
<b>Maryland, general.....</b>	Mar. 1-Apr. 30....	9		
Total for State.....		9		
<b>Massachusetts:</b>				
Boston.....	Sept. 12-Oct. 2....	2		
Lawrence.....	June 27-July 3....	1		
Total for State.....		3		
<b>Michigan:</b>				
Bay County—				
Bay City.....	June 1-Aug. 31....	2		
Berrien County.....	July 1-Aug. 31....	9		
Branch County.....	July 1-Aug. 31....	5		
Calhoun County.....	June 1-30.....	1		
Cass County.....	July 1-31.....	8		
Cheboygan County.....	July 1-31.....	2		
Chippewa County.....	May 1-31.....	1		
Clinton County.....	Aug. 1-31.....	1		
Delta County.....	June 1-30.....	1		
Eaton County.....	May 1-Aug. 31....	46		
Emmet County.....	June 1-July 31....	2		
Genesee County.....	July 1-31.....	1		
Gogebic County.....	Aug. 1-31.....	1		
Houghton County.....	May 1-Aug. 31....	7		
Huron County.....	June 1-30.....	1		
Ingham County.....	May 1-31.....	1		
Jackson County.....	May 1-31.....	1		
Kalamazoo County—				
Kalamazoo.....	July 4-24.....	2		
Kent County—				
Grand Rapids.....	June 6-26.....	2		
Lapeer County.....	June 1-30.....	1		
Livingston County.....	Aug. 1-31.....	16		
Marquette County.....	May 1-July 31....	8		
Menominee County.....	July 1-31.....	4		
Muskegon County.....	May 1-Aug. 31....	16		
Newaygo County.....	June 1-30.....	1		
Oceana County.....	May 1-31.....	1		
Ottawa County.....	May 1-July 31....	8		
Saginaw County.....	May 1-July 31....	20		
Saginaw.....	July 25-31.....	1		
St. Clair County.....	May 1-June 30....	4		
Schoolcraft County.....	July 1-31.....	4		
Manistique.....	June 1-Aug. 31....	41		
Tuscola County.....	May 1-31.....	4		
Wayne County—				
Detroit.....	May 1-July 31....	2		
Total for State.....		225		
<b>Minnesota, general.....</b>	Mar. 1-Apr. 30....		3	
Becker County.....	June 15-21.....	5		
Bigstone County.....	June 8-14.....	1		
Carver County.....	July 6-Aug. 16....	6		
Clay County.....	July 28-Aug. 2....	1		
Cottonwood County.....	July 1-31.....	1		
Crawford County.....	Aug. 10-16.....	1		
Faribault County.....	June 7-14.....	2		
Hennepin County—				
Minneapolis.....	May 1-June 30....	30		
Hubbard County.....	May 25-31.....	1		
Itasca County.....	May 25-June 14....	7		
Le Sueur County.....	June 1-7.....	1		
McLeod County.....	May 25-July 19....	2		
Marshall County.....	June 8-July 5....	6		
Meeker County.....	May 25-31.....	5		
Morrison County.....	June 21-Aug. 16....	2		

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Minnesota, general—Continued.</b>				
Nobles County.....	May 25-June 21....	2	.....	
Olmsted County.....	June 8-14.....	2	.....	
Pine County.....	May 25-31.....	1	.....	
Ramsay County—				
St. Paul.....	Apr. 1-May 31.....	10	.....	
Redwood County.....	June 1-7.....	1	.....	
Rock County.....	June 1-7.....	1	.....	
St. Louis County.....	May 25-June 21....	3	.....	
Duluth.....	June 10-Sept. 24...	21	.....	
Sibley County.....	June 22-July 19....	4	.....	
Stearns County—				
St. Cloud.....	July 13-19.....	1	.....	
Steele County.....	May 25-June 21....	3	.....	
Swift County.....	July 20-26.....	1	.....	
Wabasha County.....	May 25-31.....	2	.....	
Wadena County.....	May 25-July 19....	11	.....	
Waseca County.....	May 25-31.....	8	.....	
Wright County.....	June 15-Aug. 16....	10	.....	
Total for State.....		161	3	
<b>Missouri:</b>				
Kansas City.....	June 13-26.....	2	.....	
St. Joseph.....	May 30-July 24....	19	.....	
St. Louis.....	June 2)-Oct. 2....	9	.....	
Total for State.....		30		
<b>Montana:</b>				
Carbon County.....	June 1-July 31....	6	.....	
Cascade County—				
Great Falls.....	June 1-30.....	1	.....	
Chouteau County.....	June 1-30.....	1	.....	
Custer County.....	June 1-30.....	1	.....	
Dawson County.....	May 1-31.....	5	.....	
Deerlodge County.....	May 1-31.....	1	.....	
Fergus County.....	June 1-30.....	1	.....	
Flathead County.....	May 1-31.....	4	.....	
Gallatin County.....	May 1-31.....	4	.....	
Jefferson County.....	May 1-31.....	2	.....	
Lewis and Clark County—				
Helena.....	May 1-31.....	1	.....	
Missoula County—				
Missoula.....	June 1-Aug. 31....	6	.....	
Park County.....	May 1-June 30....	21	.....	
Livingston.....	May 1-Aug. 31....	14	.....	
Sanders County.....	May 1-31.....	1	.....	
Silverbow County.....	June 1-Aug. 31....	24	.....	
Butte.....	June 11-Sept. 30...	37	.....	
Teton County.....	May 1-31.....	1	.....	
Valley County.....	May 1-31.....	1	.....	
Yellowstone County.....	May 1-July 31....	7	.....	
Total for State.....		139		
<b>Nebraska:</b>				
Lincoln.....	May 1-July 31....	34	.....	
Total for State.....		34		
<b>New Jersey:</b>				
Newark.....	Sept. 19-25.....	1	.....	
Total for State.....		1		
<b>New York, general.</b>				
	May 1-June 30....	433	.....	
Total for State.....		433		
<b>North Carolina:</b>				
Beaufort County.....	June 1-30.....	1	.....	
Bladen County.....	Apr. 1-30.....	5	.....	
Buncombe County.....	Apr. 1-30.....	1	.....	
Caldwell County.....	Apr. 1-June 30....	19	.....	
Camden County.....	Apr. 1-June 30....	70	.....	
Carteret County.....	Apr. 1-30.....	1	.....	
Craven County.....	Apr. 1-June 30....	8	.....	
Cumberland County.....	May 1-31.....	1	.....	
Duplin County.....	Apr. 1-June 30....	25	.....	
Harnett County.....	June 1-July 31....	7	.....	
Johnston County.....	Apr. 1-July 31....	3	.....	

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>North Carolina—Continued.</b>				
Lee County.....	Apr. 1-30.....	6		Apr. 1-30 present.
Lenoir County.....	July 1-30.....	2		
Madison County.....	May 1-June 30.....	7		
Mecklenburg County.....	May 1-31.....	2		
Charlotte.....	Sept. 26-Oct 1.....	2		
Mitchell County.....	July 1-31.....	8		
Montgomery County.....	July 1-31.....	10		
Nash County.....	June 1-30.....	1		
Onslow County.....	Apr. 1-30.....	2		
Pamlico County.....	May 1-31.....	4		
Pasquotank County.....	Apr. 1-May 31.....	15		In extreme northern part.
Pitt County.....	Apr. 1-June 30.....	17		
Robeson County.....	June 1-July 31.....	14		
Rowan County.....	May 1-July 31.....	17		
Sampson County.....	Apr. 1-June 30.....	51		
Transylvania County.....	May 1-31.....	5		
Wake County.....	Apr. 1-30.....	2		
Watauga County.....	June 1-July 31.....	30		
Wayne County.....	May 1-31.....	14		
Wilson County.....	Apr. 1-30.....	1		
Yancey County.....	Apr. 1-May 31.....	8		
<sup>n 4</sup> Total for State.....		359		
<b>North Dakota:</b>				
Bottineau County.....	May 1-July 31.....	2		
Cass County.....	July 1-31.....	2		
Emmons County.....	July 1-31.....	3		
Grand Forks County.....	May 1-July 31.....	13		
Lamoure County.....	May 1-June 30.....	3		
McHenry County.....	May 1-31.....	1		
Stutsman County.....	June 1-July 31.....	15		
Walsh County.....	June 1-30.....	2		
Ward County.....	May 1-July 31.....	11		
Total for State.....		52		
<b>Ohio:</b>				
Cincinnati.....	June 12-July 2.....	4		
Columbus.....	Sept. 12-18.....	1		
Dayton.....	July 18-Oct. 2.....	17	1	
Toledo.....	July 25-Aug. 7.....	2		
Total for State.....		24	1	
<b>Oklahoma:</b>				
Oklahoma.....	Apr. 3-Aug. 21.....	51	1	
Total for State.....		51	1	
<b>Oregon:</b>				
Clackamas County.....	May 1-June 30.....	3		
Coos County.....	June 1-30.....	1		
Marion County.....	May 1-June 30.....	11		
Multnomah County.....	May 1-June 30.....	3		
Portland.....	Apr. 1-July 31.....	33		
Umatilla County.....	June 1-30.....	2		
Union County.....	June 1-30.....	1		
Washington County.....	May 1-June 30.....	14		
Yamhill County.....	June 1-30.....	3		
Total for State.....		71		
<b>Pennsylvania:</b>				
Philadelphia.....	July 10-24.....	4		
Total for State.....		4		
<b>Tennessee:</b>				
Knoxville.....	June 20-Aug. 21.....	7		
Total for State.....		7		
<b>Texas:</b>				
Archer County.....	June 1-30.....	1		
Baylor County.....	June 1-30.....	22		
Bee County.....	June 1-30.....	6		
Bexar County.....	June 1-July 31.....	1	1	
San Antonio.....	June 13-July 31.....	10		
Bowie County.....	June 1-30.....	7		
Cameron County.....	June 1-30.....	1		

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Texas—Continued.</b>				
Cherokee County.....	June 1-30.....	1		
Childress County.....	June 1-30.....	4		
Ellis County.....	May 1-June 30.....	2		
Galveston County.....	June 1-30.....	1		
Galveston.....	June 19-25.....	1		
Gonzales County.....	May 1-June 30.....	6	2	
Grayson County.....	June 1-30.....	9		
Harris County.....	June 1-30.....	12		
Houston.....	Mar. 28-June 19.....	17		
Harrison County.....	June 1-July 31.....	16		
Hays County.....	July 1-31.....	8		
Henderson County.....	June 1-July 31.....	30		
Jefferson County.....	May 1-June 30.....	3		
Jones County.....	June 1-30.....	2		
Kinney County.....	June 1-30.....	1	1	
Lamar County.....	June 1-July 31.....	23		
Matagorda County.....	May 1-June 30.....	10		
McLennan County.....	June 1-30.....	19		
Milam County.....	June 1-30.....	5		
Runnels County.....	May 1-July 31.....	26		
San Saba County.....	Apr. 9-June 30.....	11		
Smith County.....	June 1-30.....	10		
Stephens County.....	June 1-30.....	33	1	
Tarrant County.....	May 1-June 30.....	19	3	
Fort Worth.....	June 1-July 31.....	5		
Travis County.....	May 1-June 30.....	19		
Upshur County.....	May 1-July 31.....	42		
Van Zandt County.....	May 1-June 30.....	6		
Webb County.....				
Laredo.....	June 19.....	1		
Wharton County.....	June 1-30.....	2		
Wichita County.....	June 1-30.....	5		
Williamson County.....	June 1-July 31.....	9	1	
Total for State.....		406	9	
<b>Utah:</b>				
Boxelder County.....	May 1-31.....	3		
Cache County.....	June 1-July 31.....	4		
Carbon County.....	June 1-July 31.....	3		
Davis County.....	May 1-July 31.....	30		
Emery County.....	June 1-July 31.....	4		
Garfield County.....	May 1-Aug. 31.....	20		
Juab County.....	Aug. 1-31.....	9		
Salt Lake County.....	May 1-Aug. 31.....	61	1	
Salt Lake City.....	June 1-30.....	99		
Sanpete County.....	May 1-July 31.....	29		
Summit County.....	May 1-Aug. 31.....	78		
Tooele County.....	May 1-31.....	5		
Uintah County.....	May 1-Aug. 31.....	47		
Utah County.....	May 1-Aug. 31.....	26		
Wasatch County.....	Aug. 1-31.....	2		
Weber County.....	May 1-Aug. 31.....	6		
Total for State.....		426	1	
<b>Virginia:</b>				
Lynchburg.....	June 20-26.....	1		
Total for State.....		1		
<b>Washington:</b>				
Seattle.....	July 1-31.....	2		
Spokane.....	June 6-July 3.....	7		
Tacoma.....	May 14-June 27.....	6		
Total for State.....		15		
<b>Wisconsin:</b>				
Ashland County.....	Jan. 1-Mar. 31.....	8		
Barron County.....	Jan. 1-June 30.....	93		
Brown County.....	Apr. 1-June 30.....	18		
Buffalo County.....	Jan. 1-Mar. 31.....	5		
Burnett County.....	Jan. 1-Mar. 31.....	11		
Calumet County.....	Jan. 1-June 30.....	2		
Chippewa County.....	Jan. 1-June 30.....	97	1	
Clark County.....	Jan. 1-June 30.....	20		
Columbia County.....	Jan. 1-Mar. 31.....	1		
Dane County.....	Apr. 1-June 30.....	6		
Douglas County.....	Jan. 1-June 30.....	11		
Dunn County.....	Jan. 1-June 30.....	39	2	

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Wisconsin—Continued.</b>				
Fond du Lac County.....	Jan. 1-June 30.....	3		
Jackson County.....	Jan. 1-Mar. 31.....	1		
Juneau County.....	Jan. 1-June 30.....	42		
La Crosse County.....	Apr. 1-June 30.....	10		
La Crosse.....	June 13-July 10.....	2		
Manitowoc County.....	Jan. 1-June 30.....	41		
Marathon County.....	Jan. 1-June 30.....	2		
Milwaukee County.....	Apr. 1-June 30.....	24		
Milwaukee.....	June 21-Oct. 2.....	3		
Oconto County.....	Jan. 1-June 30.....	25	1	
Oneida County.....	Apr. 1-June 30.....	1		
Outagamie County—				
Appleton.....	June 20-July 31.....	22		
Ozaukee County.....	Jan. 1-Mar. 31.....	13		
Pepin County.....	Jan. 1-Mar. 31.....	2		
Pierce County.....	Jan. 1-Mar. 31.....	4		
Polk County.....	Jan. 1-June 30.....	19		
St. Croix County.....	Jan. 1-June 30.....	65		
Sheboygan County.....	Jan. 1-June 30.....	46		
Taylor County.....	Jan. 1-Mar. 31.....	5		
Trempealeau County.....	Jan. 1-Mar. 31.....	3		
Vernon County.....	Jan. 1-Mar. 31.....	51		
Walworth County.....	Apr. 1-June 30.....	1		
Washburn County.....	Jan. 1-June 30.....	14		
Waukesha County.....	Jan. 1-Mar. 31.....	5		
Waupaca County.....	Jan. 1-June 30.....	27		
Wausara County.....	Jan. 1-Mar. 31.....	1		
Winnebago County.....	Jan. 1-June 30.....	17		
Wood County.....	Apr. 1-June 30.....	2		
Total for State.....		762	4	
Grand total for the United States.....		4,989	23	

*Plague in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, August 2-October 15, 1909.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>California:</b>				
Alameda County—				
Sunol.....	Aug. 2-12.....	1	1	Case sickened July 27.
	Sept. 24.....	1		In vicinity of Sunol.

*Weekly morbidity and mortality table, cities of the United States.*

[For smallpox and plague, see special tables.]

Cities.	Week ended—	Population, United States census, 1900.	Total deaths from all causes.	Tuberculosis.		Enteric fever.		Scarlet fever.		Diphtheria.		Measles.		Whooping cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Altoona, Pa.....	Oct. 2	38,973	16			2				1					1
Ann Arbor, Mich.....	Sept. 25	14,509	4												
Do.....	Oct. 2	14,509	4												
Ashtabula, Ohio.....	Sept. 25	12,949	5			1	1								
Do.....	Oct. 2	12,949	6	1	1										
Baltimore, Md.....	do.....	508,957	194	16	28	66	7	8		20	1	1		6	2
Beaver Falls, Pa.....	do.....	13,000				2									
Berkeley, Cal.....	Sept. 18	13,214	8											2	
Biddeford, Me.....	Oct. 2	16,145	15	3	3										
Binghamton, N. Y.....	Sept. 25	38,647	15	1		5			1	1					
Boston, Mass.....	Oct. 2	560,892	183	54	19	36	3	20	1	35	2	8			1
Bradford, Pa.....	Sept. 25	16,654	10			13	1	13				2			
Bradford, Pa.....	Oct. 2	15,029	5					1		2					



Weekly morbidity and mortality table, cities of the United States—Continued.

Cities.	Week ended—	Popula- tion, United States census, 1900.	Total deaths from all causes.	Tuber- culosis.		Enteric fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Bridgeport, Conn.....	Sept. 25	70,996	30	2	6	2	.....	3	.....	3	.....	.....	.....	.....	.....
Brocton, Mass.....	do.....	40,063	7	1	1	9	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Oct. 2	40,063	11	4	3	5	1	.....	.....	.....	.....	.....	.....	.....	.....
Butte, Mont.....	Sept. 30	30,470	9	.....	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....
Cambridge, Mass.....	Sept. 25	91,886	30	2	3	7	1	5	.....	4	1	1	.....	.....	.....
Do.....	Oct. 2	91,886	20	6	4	10	1	4	.....	3	3	.....	.....	.....	.....
Camden, N. J.....	do.....	75,935	30	.....	.....	1	.....	.....	.....	3	1	.....	.....	.....	.....
Carbondale, Pa.....	do.....	13,536	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Charlotte, N. C.....	Oct. 1	18,091	8	1	1	.....	.....	.....	.....	1	1	.....	.....	.....	.....
Chelsea, Mass.....	Oct. 2	34,072	7	.....	.....	3	.....	3	.....	.....	.....	.....	.....	.....	.....
Chicago, Ill.....	do.....	1,468,575	616	78	73	92	10	88	3	93	11	26	.....	39	.....
Chicopee, Mass.....	do.....	19,167	6	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Cincinnati, Ohio.....	do.....	325,902	111	23	17	5	1	5	.....	11	1	.....	.....	2	.....
Cleveland, Ohio.....	Oct. 1	381,768	116	24	6	17	2	9	.....	24	2	4	1	3	.....
Cilinton, Mass.....	Oct. 2	13,697	4	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Columbus, Ga.....	do.....	17,614	6	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....	.....
Concord, N. H.....	Sept. 25	19,632	17	2	2	2	.....	1	.....	2	1	.....	.....	.....	.....
Covington, Ky.....	Oct. 2	42,938	13	.....	.....	.....	.....	.....	.....	2	.....	2	.....	.....	.....
Danville, Ill.....	do.....	16,534	8	.....	.....	4	.....	.....	.....	1	1	.....	.....	.....	.....
Dayton, Ohio.....	do.....	85,333	41	.....	4	1	1	1	.....	2	.....	1	.....	.....	1
Detroit, Mich.....	do.....	285,704	131	.....	.....	.....	.....	21	2	14	1	.....	.....	.....	.....
Duluth, Minn.....	Sept. 24	80,000	20	1	1	3	1	5	.....	15	1	.....	.....	.....	.....
Do.....	Oct. 1	80,000	30	3	2	2	2	9	.....	11	.....	.....	1	1	.....
Dunkirk, N. Y.....	Oct. 2	11,616	3	1	.....	.....	.....	.....	.....	4	.....	1	.....	.....	.....
Elkhart, Ind.....	do.....	15,184	4	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
El Paso, Tex.....	Sept. 28	15,905	20	6	6	1	1	.....	.....	.....	.....	.....	.....	1	.....
Evansville, Ind.....	Oct. 2	59,007	14	.....	3	2	.....	20	.....	6	.....	.....	.....	.....	.....
Everett, Mass.....	do.....	24,336	8	1	.....	2	.....	1	.....	1	.....	.....	.....	.....	.....
Fall River, Mass.....	do.....	104,863	39	8	2	8	1	5	.....	.....	.....	1	.....	.....	.....
Findlay, Ohio.....	do.....	17,613	7	.....	3	3	.....	1	.....	9	.....	.....	.....	.....	.....
Galesburg, Ill.....	do.....	18,607	6	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Galveston, Tex.....	Oct. 1	37,789	4	4	3	1	1	.....	.....	.....	.....	.....	.....	.....	.....
Gloucester, Mass.....	Oct. 2	26,121	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Grand Rapids, Mich.....	do.....	87,565	29	.....	2	12	.....	8	2	.....	.....	.....	.....	.....	.....
Greensboro, N. C.....	do.....	10,035	4	.....	1	.....	.....	1	.....	3	.....	.....	.....	.....	.....
Harrison, N. J.....	do.....	10,596	4	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Hartford, Conn.....	Sept. 26	79,850	30	1	2	5	1	.....	.....	6	1	.....	.....	.....	.....
Haverhill, Mass.....	Oct. 2	37,175	9	1	.....	3	.....	4	.....	1	.....	.....	.....	.....	.....
Homestead, Pa.....	Sept. 28	12,554	7	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....
Houston, Tex.....	Sept. 25	44,633	19	.....	3	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Hyde Park, Mass.....	Oct. 2	13,244	1	1	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
Indianapolis, Ind.....	Sept. 26	169,164	43	3	2	17	3	2	.....	11	.....	.....	.....	2	.....
Jacksonville, Fla.....	Sept. 25	28,429	28	.....	9	1	.....	1	.....	.....	.....	.....	.....	.....	.....
Do.....	Oct. 2	28,429	21	.....	5	.....	.....	3	.....	2	.....	.....	.....	.....	.....
Jersey City, N. J.....	Oct. 3	206,433	80	.....	12	4	1	1	.....	3	1	.....	.....	.....	.....
Johnstown, Pa.....	Oct. 2	35,936	24	5	.....	4	1	2	.....	3	.....	.....	.....	.....	.....
Kansas City, Kans.....	do.....	51,418	14	.....	2	4	.....	1	.....	18	1	1	.....	.....	.....
Kansas City, Mo.....	do.....	163,752	45	7	12	.....	14	.....	.....	10	1	.....	.....	3	.....
Kearny, N. J.....	do.....	10,896	5	.....	.....	1	1	.....	.....	1	.....	.....	.....	.....	.....
Kingston, N. Y.....	Sept. 25	24,535	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Knoxville, Tenn.....	Oct. 2	32,637	9	.....	3	.....	.....	1	.....	2	1	1	.....	.....	.....
La Crosse, Wis.....	do.....	28,895	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
La Fayette, Ind.....	Sept. 27	18,116	6	.....	.....	10	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Oct. 4	18,116	7	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lancaster, Pa.....	Oct. 2	41,459	5	4	1	3	.....	2	.....	.....	.....	.....	.....	.....	.....
Lawrence, Mass.....	Sept. 25	62,559	35	3	4	1	.....	1	.....	2	1	2	.....	.....	.....
Lexington, Ky.....	do.....	26,369	11	.....	3	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Do.....	Oct. 2	26,369	10	.....	1	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
Los Angeles, Cal.....	Sept. 25	102,479	61	11	12	8	.....	9	.....	7	1	15	1	.....	.....
Lowell, Mass.....	Oct. 2	94,969	30	.....	2	2	.....	2	1	3	.....	2	.....	.....	.....
Lynchburg, Va.....	do.....	18,891	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Lynn, Mass.....	Sept. 25	68,513	21	.....	1	2	.....	4	.....	4	.....	.....	.....	.....	.....
Malden, Mass.....	do.....	33,664	8	.....	1	2	.....	6	.....	1	.....	.....	.....	.....	.....
Manchester, N. H.....	Oct. 2	56,987	21	.....	.....	1	1	.....	.....	3	.....	8	.....	.....	.....
Manitowoc, Wis.....	do.....	11,786	5	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
Mansfield, Ohio.....	do.....	17,650	.....	.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Marinette, Wis.....	do.....	16,195	3	.....	.....	.....	.....	6	.....	.....	.....	.....	.....	.....	.....
Marlboro, Mass.....	Sept. 25	13,609	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Oct. 2	13,609	3	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Massilon, Ohio.....	do.....	11,944	3	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medford, Mass.....	do.....	18,244	6	1	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Melrose, Mass.....	Sept. 25	12,962	2	.....	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milwaukee, Wis.....	do.....	285,315	119	11	11	7	.....	25	2	18	3	3	.....	6	1
Do.....	Oct. 2	285,315	83	8	9	5	.....	40	1	11	2	.....	.....	5	.....



[illegible]

## FOREIGN AND INSULAR.

### BARBADOS.

#### *Report from Bridgetown—Inspection and fumigation of vessels—Sanitary conditions.*

Acting Assistant Surgeon Urquhart reports, September 25:

Week ended September 25. Bills of health issued to 9 vessels, having a total of 377 members of crews and 56 passengers. Three vessels were fumigated. Sanitary condition of vessels, cargoes, crews, and passengers good. Sanitary condition of port and island good. No quarantinable disease was reported.

### BRAZIL.

#### *Report from Rio de Janeiro—Inspection of vessels—Mortality—Plague and smallpox.*

Acting Assistant Surgeon Stewart reports, September 16:

Two weeks ended September 11. Vessels inspected and issued bills of health: August 31, the British steamship *Crown Prince*, for New York, with coffee, no passengers and no change in personnel, and the British steamship *Chaucer*, for New Orleans, with coffee, no passengers and no change in the personnel; September 1, the British steamship *Rathlinshead*, for Galveston, in water ballast, with no passengers and no change in the crew personnel; September 2, the British steamship *Tapajoz*, for New York, with coffee, no passengers and no change in the personnel; the British steamship *Tennyson*, for New York, with coffee, 12 cabin and 6 steerage passengers from Rio de Janeiro, and no change in the crew personnel, and the British steamship *Hillglen*, for Wilmington, N. C., in water ballast, with no passengers and no change in personnel; September 4, the Russian bark *Lake Erie*, for Pensacola, with stone ballast, and with no change in the personnel and no passengers; September 7, the Belgian steamship *Cavour*, for New York, with coffee, no passengers and no change in the crew personnel; September 9, the British bark *Conductor*, for Pascagoula, in stone ballast, with no passengers and no change in the crew personnel; September 10, the British steamship *Crossby*, for Port Eads, in water ballast, with no passengers and no change in the personnel of the crew; September 11, the British steamship *Phidias*, for New Orleans, in coffee, with no passengers and no change in the personnel of the crew, and the British steamship *Hillglen*, for Norfolk, in water ballast, with no passengers and no change in the personnel of the crew. No other vessels left this port during the period mentioned for United States ports.

*Mortality—Plague—Smallpox.*—Total estimated population, 811,443. Census population, 1907, 628,675.

*Week ended August 29.*—Total deaths 241, including smallpox 1, plague 1. One case of plague and 2 cases of smallpox were reported.

At the close of the week there were in São Sebastião hospital 14 cases of smallpox under treatment.

*Week ended September 5.*—Total deaths 228. Smallpox caused 1 death, with no new cases reported; 1 new case of plague reported. At the close of the week there were in São Sebastião hospital 10 cases of smallpox and 2 cases of plague under treatment.

*Week ended September 12.*—Total deaths 228. Plague and smallpox caused no deaths, but 1 new case of plague and 4 new cases of smallpox were reported. At the close of the week there were in São Sebastião hospital 2 cases of smallpox and 9 cases of plague under treatment.

#### BRITISH HONDURAS.

##### *Report from Belize, fruit port.*

Acting Assistant Surgeon Mengis reports:

Week ended September 30. Present officially estimated population, 10,000. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
Sept. 25	Helen.....	New Orleans.....	24	1	0
25	Snestad.....	New York.....	22	1	0
28	Heredia.....	New Orleans.....	81	20	28

#### CHINA.

##### *Report from Hongkong—Quarantine restrictions—Examination of emigrants—Inspection and fumigation of vessels.*

Passed Assistant Surgeon McKeon reports, August 30:

Week ended August 28. Restrictions enforced by Hongkong remain as reported July 17. Restrictions enforced against Hongkong remain as reported July 17.

*Aliens for Honolulu and Pacific coast ports.*—Examined 333, rejected 51.

*Aliens for Philippine Islands.*—Examined 4, rejected 0.

*Inspection of vessels.*—Inspected 11; fumigated to destroy rats 2.

##### *Report from Shanghai—Inspection of vessels—Smallpox on U. S. S. Wilmington—Quarantine against Hongkong, Canton, and Amoy discontinued—Cholera at Hankow.*

Acting Assistant Surgeon Ransom reports, September 7:

Week ended September 4. Supplemental bills of health issued to 4 steamships, the aggregate personnel of which amounted to 1,049. There were inspected 3 vessels, 177 members of crews, and 5 cabin and 24 steerage passengers. Manifests were viséed for 35,972 pieces of freight, and 22 pieces of baggage, the property of steerage passengers, were disinfected; 9 pieces inspected and passed. Twenty-one intending emigrants for San Francisco per steamship *Mongolia*

were examined, 14 of whom were passed and 7 recommended for rejection on account of trachoma.

September 4 the U. S. S. *Wilmington* returned to this port from target practice at Nimrod Sound, with a case of confluent smallpox on board, the disease being in the second day of the eruption. The patient, a boy, has never been successfully vaccinated, although the operation has been performed upon him several times. He is stated not to have been ashore for 3 weeks before the attack, but he had been engaged within 10 days in ejecting Chinese bumboatmen from the ship. The case was immediately removed to the isolation hospital, and the entire crew were bathed and all of their effects were disinfected by steam under my own and the ship surgeon's immediate supervision. The living quarters were disinfected with formaldehyde gas.

Shanghai has withdrawn the declaration of infection against Hongkong, Canton, and Amoy, and the medical inspection of vessels from these ports were discontinued September 2.

Reports from Hankow to August 28, inclusive, show Asiatic cholera present in the native city, but not in epidemic form.

#### COSTA RICA.

#### *Reports from Limon, fruit port.*

Acting Assistant Surgeon Harris reports:

Week ended September 20. Estimated population, 10,000. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected
Sept. 15	Abengarez.....	88	12	27	0
16	Belita.....	21	0	0	0
17	Origen.....	29	1	0	0
18	Bluefields.....	21	1	0	0
18	Parismina.....	80	(a)	1	0
18	San Jose.....	44	13	0	0
20	Sarnia.....	54	77	7	0

<sup>a</sup> Twelve to Puerto Barrios, 2 to New Orleans.

Week ended September 27. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
Sept. 21	Granaria.....	25	1	0	(a)
22	Atenas.....	85	8	37	0
24	Grib.....	19	0	0	0
25	Heredia.....	81	b 4	8	0
25	Preston.....	30	1	0	0
26	Esparta.....	44	11	0	0
27	Katie.....	22	0	0	0

<sup>a</sup> Entire ship.

<sup>b</sup> Two to New Orleans, 2 to Puerto barrios.

## CUBA.

*Report from Cienfuegos—Inspection of vessels—Sanitary conditions.*

Acting Assistant Surgeon Suarez reports, September 27:

*Week ended September 25.*

Vessels inspected.....	3
Bills of health issued.....	3
Members of crews inspected.....	112

The sanitary condition of the city and port has been satisfactory; no quarantinable disease reported.

*Report from Habana—Inspection of vessels—Leprosy.*

Passed Assistant Surgeon Amesse reports, October 5:

*Week ended October 2.*

Bills of health issued.....	21
Vessels inspected.....	15
Crews of outgoing vessels inspected.....	823
Passengers of outgoing vessels inspected.....	532
Vaccination certificates issued.....	23

No quarantinable diseases were reported during the week, except 2 cases of leprosy. There are now in the various leper settlements of Cuba 320 cases.

*Report from Matanzas—House and water-deposit inspection.*

Acting Assistant Surgeon Nuñez reports, October 4:

Week ended October 2. No ships cleared at this harbor and no bills of health were issued.

The local sanitary department reports for the week 4,363 houses inspected and mosquito larvæ found in 9 water containers.

No quarantinable diseases reported.

*Report from Santiago—Inspection of vessels—House and water-deposit inspection—Mosquitoes.*

Acting Assistant Surgeon Wilson reports, September 29:

Week ended September 25. Bills of health issued to 3 vessels bound for the United States. No vessel disinfected. No quarantinable disease reported.

The sanitary department reports 2,165 inspections of houses and the finding of larvæ in 21 water deposits.

## GERMANY.

*Fatal case of cholera in vicinity of Russ.*

The following information was reported from Berlin September 19 and was received from Surgeon Geddings at Naples under date of September 20:

A report from Königsberg states that a fatal case of cholera occurred at Pakalisne, near Russ, eastern Prussia, in the person of a boatman

who died in that city. The case was bacteriologically verified. The wife of the boatman was also attacked by the disease and was sent to hospital. All necessary precautions have been taken to prevent the spread of the disease.

*Report from Stettin—Fatal cholera case at Stolzenhagen.*

Consul Teichmann reports, September 18:

A fatal case of Asiatic cholera is reported from the town of Stolzenhagen, about 25 miles north of the city of Stettin. The death occurred September 22.

GUATEMALA.

*Reports from Puerto Barrios, fruit port—Stegomyia calopus and Anopheles present.*

Acting Assistant Surgeon Ames reports:

Week ended September 25. Present officially estimated population, 350. General sanitary condition of this port and the surrounding country during the week, good. *Stegomyia calopus* and *Anopheles* present.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
Sept. 20	Parismina.....	New Orleans via Belize...	80	16	3
24	Helen.....	do.....	24	0	0
25	Commodore.....	New Orleans.....	40	0	0

Week ended October 2. General sanitary condition of this port and surrounding country during the week, good.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
Sept. 26	Frutera.....	New York via Panama....	24	0	0
27	Heredia.....	New Orleans via Belize...	81	23	5
30	Belize.....	Mobile via Belize.....	18	0	0
Oct. 1	Belvernon.....	New Orleans via Belize.....		0	

HAWAII.

*Report from Honolulu—Dates of last cases of human and rat plague—Examination of rats for plague infection.*

Chief Quarantine Officer Hobdy reports, September 20:

HONOLULU.

Last case rat plague (Aiea), 9 miles from Honolulu August 22, 1907.

Last case human plague, Honolulu, July 17, 1907.

Last case rat plague (Papaikou), 5 miles from Hilo, September 6, 1909.

Last case human plague (Papaikou), 5 miles from Hilo, September 6, 1909.



*Week ended September 18.*

Total rats taken.....	526
Trapped.....	475
Found dead.....	0
Shot from trees.....	51
Examined bacteriologically.....	382
Plague rats.....	0
Classification of rats trapped:	
Mus alexandrinus.....	44
Mus musculus.....	183
Mus norvegicus.....	103
Mus rattus.....	145
Classification of rats shot from trees:	
Mus alexandrinus.....	24
Mus rattus.....	20
Average number of traps set daily.....	1, 294

## HILO.

Rats under investigation week ended September 11, proved to be plague infected.....	1
Rats under investigation week ended September 11, proved to be noninfected.....	1
Still under investigation.....	1

## HONDURAS.

*Report from Ceiba, fruit port.*

Acting Assistant Surgeon Jumel reports:

Week ended September 29. Present officially estimated population 6,800. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
Sept. 24	Joseph Vaccaro.....	33	3	3	0
26	Navigator.....	21	0	0	0
28	Harald.....	18	0	0	0
29	Viator.....	17	2	0	0

Temperature of all persons on board above-named vessels, except steamship *Harald*, taken at time of clearance.

*Report from Puerto Cortez, fruit port—Mosquitoes abundant.*

Acting Assistant Surgeon Wailes reports as follows:

Week ended September 29. Present officially estimated population, about 2,500. General sanitary condition of this port and the surrounding country, good. *Anopheles* excessively abundant; no *Stegomyia*.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
Sept. 27	Frutera.....	26	0	0	0
29	Harald.....	18	3	0	0
29	Belvernon.....	1	1	0	0

*Report from Tela, fruit port.*

Acting Assistant Surgeon Roe reports:

Week ended September 25. Present officially estimated population, about 1,500. General sanitary condition of this port and the surrounding country during the week, good.

Bill of health issued to the following-named vessel:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
Sept. 19	Fjell.....	Mobile.....	17	0	0

## ITALY.

*Report from Naples—Inspection of vessels—Examination of emigrants—Smallpox in Naples.*

Surgeon Geddings reports, September 20:

Week ended September 18:

*Vessels inspected at Naples and Palermo.*

## NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Sept. 14	Canopic.....	Boston.....	884	230	1,100
15	Cairnavon.....	do.....			
15	Sannio.....	New York.....	209	30	350
15	Pannonia.....	do.....			
17	Prinzess Irene.....	do.....	805	110	870
	Total.....		1,898	370	2,320

## PALERMO.

Sept. 16	Sannio.....	New York.....	287	350	120
----------	-------------	---------------	-----	-----	-----

*Rejections recommended.*

## NAPLES.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Suspected favus.	Other causes.	Total.
Sept. 14	Canopic.....	23	5	10	1	9	48
15	Cairnavon.....						
15	Sannio.....	13		3			16
15	Pannonia.....						
17	Prinzess Irene.....	13		8		10	31
	Total.....	49	5	21	1	19	95

## PALERMO.

Sept. 16	Sannio.....	16		11		1	28
----------	-------------	----	--	----	--	---	----

*Smallpox in Naples.*—During the week ended September 19, there were 10 cases of smallpox with 2 deaths reported at the health office of the city of Naples.

*Further relative to anthrax in the Province of Naples.*

Doctor Geddings further reports, in continuation of his report of August 18:

A further case of bovine anthrax was reported August 13. Since July 14 there have been 12 human cases of the disease reported to the health authorities. Of these 2 cases resulted fatally, 4 were of a severe type, 5 were of some degree of severity, and 1 case was very mild.

The 2 fatal cases occurred in persons who had been associated in the butchering of a cow suffering with anthrax. It is further stated that there is no record of the disposition of the meat obtained from this carcass, and that it is presumed to have been sold for food. Before information of the case reached the authorities the hide had also been disposed of, and is reported to have reached a tannery at Castellamare.

In all the other cases inoculation is believed to have been caused by the bite of flies, and 2 of the cases occurred in persons who resided or worked near tanneries.

JAPAN.

*Report from Yokohama—Inspection of vessels—Beriberi on steamship Mongolia—Cholera in Chinese ports and in Korea—Plague at Kobe and Shimonoseki and at Nagasaki quarantine.*

Passed Assistant Surgeon Cumming reports, September 15:

Week ended September 11. Bills of health issued to 7 vessels.

One steerage passenger from Kobe was removed from the *Mongolia* on account of acute beriberi.

Sanitary conditions at Yokohama are good and the authorities are vigilant. Cholera is reported as spreading rapidly at Shanghai, Chefoo, Chemulpo, Korea, and elsewhere. The medical officer at Kobe reports that plague is now epidemic at that place. Several cases are reported in and near Shimonoseki, and some on a vessel at Nagasaki quarantine.

*Examination of emigrants.*—Number of emigrants per steamship *Tenyo Maru* September 15 for Honolulu; rejected 1, held for observation 4; for San Francisco, held 2.

*Report from Nagasaki—Further cholera cases on steamship Taian Maru—Cholera in north China.*

Sanitary Inspector Bowie reports, September 9:

Seven additional cases of cholera have developed on board the Japanese steamship *Taian Maru*, with one death. Ten cases are now under treatment. In north China, especially at Chefoo, with which this port is in direct steamship communication, cholera is raging with great virulence.

## MEXICO.

*Report from the Superior Board of Health of Mexico—Yellow fever in Yucatan.*

In compliance with articles 1 and 2 of the International Sanitary Convention, held at Washington October 14, 1905, the president of the superior board of health of Mexico reports, October 4, that for the week ended October 2 one case of yellow fever (Sept. 28) and one death from yellow fever (Oct. 1) were registered at the city of Merida, and one case (Oct. 1) at the plantation of Tekik in the State of Yucatan, and that prophylactic measures continue to be observed.

*Report from Progreso—Inspection and fumigation of vessels—Sanitary conditions—Stegomyia present.*

Acting Assistant Surgeon Harrison reports, September 27:

*Week ended September 25.*

Vessels dispatched.....	6
Vessels fumigated.....	3
Members of crews.....	194
Passengers from this port.....	33

Local sanitary conditions remained unchanged.  
Mosquitoes are numerous; *Stegomyia* present.

*Report from Tampico—Inspection and fumigation of vessels—Sanitary conditions.*

Acting Assistant Surgeon Stowe reports, September 30:

*Week ended September 29.*

Vessels inspected and passed.....	5
Bills of health issued.....	5
Members of crews of outgoing vessels inspected.....	141
Passengers of outgoing vessels inspected.....	0
Vessels fumigated prior to sailing.....	1

No cases of quarantinable disease occurred during the week. Sanitary condition of port and surrounding country good. Mosquitoes are abundant.

*Report from Veracruz—Inspection and fumigation of vessels—Sanitary conditions.*

Acting Assistant Surgeon Carter reports, September 27:

*Week ended September 26.*

Bills of health issued.....	6
Vessels inspected.....	3
Vessels fumigated.....	3
Passengers inspected.....	238
Members of crews inspected.....	369

## NETHERLANDS.

*Cholera outbreak extinct—Water on vessels from Russian ports required to be bacteriologically examined—Cholera carriers.*

The following report of Assistant Surgeon Wollenberg in connection with his detail for special duty at Rotterdam is received under date of September 23, from Naples, through Surgeon Geddings:

No new cases of cholera have appeared in Holland since September 11. No cholera cultures have been made from the Maas River water since September 2.

*Rotterdam.*—All convalescents have been discharged; barracks and observation stations have been disinfected, and physicians and nurses on duty in the buildings, after an observation period of five days, have been given their liberty. One of the nurses at the Linker Rottekade barracks was found to be a bacillus carrier. After a few days, successive examinations of her stools gave negative results, and she also has been discharged from observation. This makes a total of 9 bacillus carriers found during the course of the outbreak.

The number of physicians and nurses exposed to cholera, added to the number of 188 contacts, brings the total of the latter to about 200. Of these, about 4½ per cent became bacillus carriers. (See report of September 11, 1909, Public Health Report, October 1, 1909, page 1471.)

All drinking and tank water on vessels from Russia has been bacteriologically examined since September, 1908. No infection has ever been found; it is held under seal, however, while the vessel is in port.

## NICARAGUA.

*Report from Bluefields, fruit port—Stegomyia.*

Acting Assistant Surgeon Layton reports:

Ten days ended September 18. Present officially estimated population, 2,500. General sanitary condition of this port and the surrounding country during the week, good.

Mosquitoes present in large numbers, chiefly *Stegomyia calopus*.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
Sept. 12	Imperator.....	New Orleans.....	20	7	0
16	Agnella.....	do.....	18	3	0

Temperatures of all on board taken.

## SUMATRA.

*Further relative to epidemic cholera.*

Consul Rairden, at Batavia, Java, reports, August 23:

Official reports for the month of July show 205 cases of and 108 deaths from cholera in the district of Djambi, Sumatra. The disease

is rapidly decreasing, the last 10 days of the month showing only 35 new cases.

All steamships coming from Djambi and touching at Java ports, a trip of not less than 5 days, are quarantined until inspected by port physicians.

#### ZANZIBAR.

##### *Report from Zanzibar—Examination of rats for plague infection.*

Consul Garrels reports, September 4:

Week ended August 31. Number of rats examined for plague infection, 1,167. No infection found.

#### FOREIGN AND INSULAR STATISTICAL REPORTS OF COUNTRIES AND CITIES—UNTABULATED.

AUSTRALIA—*Brisbane*.—Month of June, 1909. Estimated population, 119,428. Total number of deaths, 137, including 8 from pulmonary tuberculosis.

CUBA—*Matanzas*.—Ten days ended September 20, 1909. Estimated population, 36,009. Total number of deaths, 26, including 4 from tuberculosis.

FORMOSA.—Two weeks ended August 21, 1909. Estimated population, 3,108,723. Total number of deaths not reported. Three deaths from enteric fever reported.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 76 great towns in England and Wales during the week ended September 11, 1909, correspond to an annual rate of 12.8 per 1,000 population, which is estimated at 16,445,281.

*London*.—One thousand one hundred and thirty-nine deaths were registered during the week, including measles 8, scarlet fever 5, diphtheria 8, whooping cough 26, tuberculosis 125, enteric fever 2, and 154 from diarrhea. The deaths from all causes correspond to an annual rate of 12.3 per 1,000. In Greater London 1,619 deaths were registered. In the "outer ring" the deaths included 4 from measles, 1 from scarlet fever, and 5 from whooping cough.

*Ireland*.—The average annual death rate represented by the deaths registered during the week ended September 11, 1909, in the 21 principal town districts of Ireland was 17.8 per 1,000 of the population, which is estimated at 1,142,308. The lowest rate was recorded in Kilkenny viz, 4.9, and the highest in Tralee, viz, 37.0 per 1,000.

*Scotland*.—The deaths registered in 8 principal towns during the week ended September 11, 1909, correspond to an annual rate of 12.3 per 1,000 of the population, which is estimated at 1,865,571. The highest rate of mortality was recorded in Perth, viz, 15.6, and the lowest in Leith, viz, 9.7 per 1,000. The aggregate number of deaths

registered from all causes was 440, including diphtheria 8, enteric fever 1, measles 3, scarlet fever 5, and 3 from whooping cough.

*Salford*.—Four weeks ended August 28, 1909. Estimated population, 241,950. Total number of deaths, 268, including diphtheria 10, measles 21, scarlet fever 3, whooping cough 1.

NEW ZEALAND—*Auckland*.—Month of July, 1909. Estimated population, 75,345. Total number of deaths, 67, including whooping cough 1, and 5 from tuberculosis.

*Wellington*.—Month of July, 1909. Estimated population, 73,697. Total number of deaths, 68, including diphtheria 1, enteric fever 1, and 4 from tuberculosis.

*Christchurch*.—Month of July, 1909. Estimated population, 62,096. Total number of deaths, 63, including 8 from tuberculosis.

*Dunedin*.—Month of July, 1909. Estimated population, 61,279. Total number of deaths, 57, including enteric fever 1, scarlet fever 1, and 5 from tuberculosis.

PHILIPPINE ISLANDS—*Manila*.—Report for the quarter ended June 30, 1909. Estimated population, 223,542. Total number of deaths, 1,646, corresponding to an annual average death rate of 29.55 per 1,000 of population, including enteric fever 21, smallpox 8, whooping cough 6, measles 1, leprosy 9, and 245 from tuberculosis.

TASMANIA—*Hobart Town*.—Month of July, 1909. Estimated population, 184,552. Total number of deaths 157, including enteric fever 1.

URUGUAY—*Montevideo*.—Month of July, 1909. Estimated population, 317,209. Total number of deaths, 526, including diphtheria 1, enteric fever 3, scarlet fever 21, smallpox 6, and 57 from tuberculosis.

WEST INDIES—*Curaçao*.—Two weeks ended September 25, 1909. Estimated population, 30,000. Total number of deaths, 10. No contagious diseases.

*St. Thomas*.—Two weeks ended September 11, 1909. Estimated population, 11,012. Total number of deaths, 8, including 2 from tuberculosis.

*Turks Islands*.—Two weeks ended September 25, 1909. Estimated population, 1,800. Total number of deaths, 1. No contagious diseases.

*Salt Cay*.—Week ended September 18, 1909. Estimated population, 450. No deaths. No contagious diseases.

*Cholera, yellow fever, plague, and smallpox, from June 26 to October 15, 1909.*

[Reports received by the Surgeon-General, Public Health and Marine-Hospital Service, from American consuls, through the Department of State and from other sources.]

[For reports received from December 25, 1908, to June 25, 1909, see PUBLIC HEALTH REPORTS for June 25, 1909.]

▼ [NOTE.—In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

## CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Amoy .....	June 13-Aug. 28 .....		161	
Chefoo .....	Aug. 28 .....		5	Among Europeans; Sept. 11, epidemic.
Hankow .....	July 17-Aug. 21 .....	7	5	Aug. 28, still present among natives.
Kang Thau .....	Apr. 1-June 30 .....	4	2	
Shanghai .....	July 26-31 .....	3	1	On s. s. Hudson; Aug. 7, present among foreigners and natives; Sept. 11, still present among natives.
Swatow .....	May 11-29 .....			Present in vicinity.
Germany:				
Königsberg .....	July 21 .....		1	
Pakalsine .....	Sept. 20 .....	2	1	Near Russ.
Stoltzenhagen .....	Sept. 18 .....		1	25 miles from Stettin.
India:				
Bombay .....	May 30-Sept. 7 .....		371	
Calcutta .....	May 16-Aug. 21 .....		406	
Madras .....	May 29-Aug. 20 .....		7	
Negapatam .....	May 8-14 .....	4		
Rangoon .....	May 16-Aug. 28 .....		49	
Indo-China:				
Saigon .....	May 9-July 24 .....	23	17	
Japan:				
Amagasaki .....	Aug. 14-21 .....	4		
Kagawa, prefecture .....	Aug. 8-14 .....	7		
Karatsu .....	Sept. 1-9 .....	11	1	On s. s. Taian Maru.
Kobe .....	Sept. 13 .....			Present, and July 31, 1 case in vicinity.
Mitajiri .....	Aug. 22 .....	21		From s. s. Kaga Maru.
Java:				
Batavia .....	Sept. 21 .....			Present.
Korea:				
Chemulpo .....	Aug. 28 .....			Epidemic in northern part.
Manchuria:				
Dalny .....	Aug. 11-Sept. 4 .....	3	3	Epidemic.
Liaoyang .....	Aug. 10 .....		1	Case Aug. 11 on s. s. Kobe Maru.
Mukden .....	Aug. 14 .....		1	
Tashihchiao .....	Aug. 11 .....		1	
Yinkou .....	Aug. 14 .....	6	1	
Netherlands, The	Aug. 20-Sept. 4 .....			5 deaths among boatmen from Rotterdam.
Amsterdam .....	Sept. 10 .....	1	1	
Breda .....	Aug. 30-Sept. 4 .....	1		
Dirksland .....	Sept. 10 .....	1		
Dordrecht .....	Aug. 30 .....			Present.
Gorkum .....	Aug. 30-Sept. 4 .....	1		
Holsteren .....	Sept. 1-7 .....	1		
Hoogvliet .....	Sept. 1-7 .....	1		
Middleburg .....	Sept. 4 .....	1		
Pernis .....	Sept. 1-7 .....	2		
Rotterdam .....	Aug. 20-Sept. 11 .....	34	15	
Tholen .....	Sept. 4 .....	1		
Uithoorn .....	Aug. 30-Sept. 4 .....	1		
Utrecht .....	Sept. 4 .....	1		
Vlaardinger .....	Sept. 4 .....	1		
Philippine Islands:				
Manila .....	July 11-Aug. 28 .....	5	4	Fourth quarter 1908, 308 cases and 190 deaths; first quarter 1909, 1 death (imported); second quarter, 1909, no cholera.
Provinces .....				Fourth quarter 1908, 7,330 cases and 4,292 deaths; first quarter 1909, 2,221 cases and 1,405 deaths; second quarter 1909, 961 cases and 630 deaths.
Albay .....	June 27-Aug. 28 .....	343	253	
Ambos Camarines .....	July 4-Aug. 28 .....	377	271	
Bohol .....	Aug. 28 .....	14	10	
Bulacan .....	July 4-Aug. 28 .....	104	77	
Cagayan .....	July 11-Aug. 28 .....	210	111	
Cebu .....	May 16-Aug. 28 .....	59	29	



*Cholera, yellow fever, plague, and smallpox, etc.—Continued.*

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.	
<b>Philippine Islands—Continued.</b>					
<b>Provinces—Continued.</b>					
Dapitan.....	May 9-15.....			Present.	
Ilocos Norte.....	Aug. 15-28.....	84	47		
Iloilo.....	May 23-June 19.....	28	18		
Isabela.....	July 18-24.....	5	4		
Leyte.....	June 6-July 31.....	22	11		
Moro.....	May 29-July 3.....	9	9		
Mountain.....	June 20-26.....	27	15		
Negros Occidental.....	May 9-15.....	8	2		
Negros Oriental.....	May 16-Aug. 28.....	383	267		
Pampanga.....	May 9-Aug. 28.....	377	267		
Pangasinan.....	June 13-19.....	1			
Rizal.....	July 25-Aug. 28.....	2	1		
Samar.....	May 9-July 10.....	42	26		
Sorsogon.....	May 9-15.....	8	2		
Tarlac.....	July 4-Aug. 28.....	13	11		
Russia, general.....	May 23-Sept. 11.....	8,928	3,645	July 23, present in Kreutzburg, Mahlgraben, Muravjevo, Pina, Radswilshchki, Reval, Schaulen, and Tver.	
Alexandrovsk.....	Aug. 28-Sept. 10.....	8	6		
Archangel.....	June 26-Sept. 17.....	337	184		
Astrachan.....	Sept. 17.....	4	3		
Baku, government.....	July 4-10.....	1			
Chmalysk, district.....	July 1.....	1			
Courland.....	July 5-Sept. 3.....	138	47		
Cronstadt.....	June 30-Sept. 17.....	66	26		
Dorpat.....	Aug. 14-20.....	1			
Drissa.....	July 23-Sept. 17.....	38	17		
Esthonia, government.....	July 1-Aug. 21.....	4	3		
Finland, general.....	July 16.....	1			
Mariengam.....	June 23-24.....	1	1		
Viborg.....	July 9-16.....	1			
Gadjatschek.....	Aug. 13-Sept. 3.....	53	18	July 30, present.	
Hungerburg.....	July 30-Sept. 17.....	8	4		
Jaroslav, government.....	Sept. 11-17.....	122	59		
Jaroslav.....	July 4-Sept. 17.....	405	205		
Kem.....	Aug. 8-Sept. 3.....	45	23		
Kharkov.....	Aug. 1-Sept. 3.....	20	10		
Kief.....	Sept. 11.....	10	10		
Kostroma.....	July 23-Sept. 17.....	48	14		
Kretsky, district.....	July 1.....	1			
Livonia.....	July 5-Aug. 21.....	85	41		
Mitau.....	July 15-Sept. 3.....	15	10		
Mohileve.....	Aug. 21-Sept. 17.....	48	19		
Moscow.....	July 9-Sept. 17.....	14	5		
Nishni Novgorod.....	July 4-Sept. 17.....	57	31		
Novgorod, government.....	July 4-Sept. 17.....	312	109		
Olonets, government.....	June 20-Aug. 14.....	11	7		
Pern.....	Aug. 2-Sept. 17.....	22	9		
Polotzk.....	June 27-Sept. 17.....	688	195		
Poltava, government.....	Aug. 15-Sept. 17.....	78	37		
Pskov.....	July 1-Sept. 17.....	120	42		
Reval.....	Aug. 21-27.....	2			
Riga.....	July 1-Sept. 17.....	281	107		
Rjasin.....	June 24-July 16.....	3	3		
Rubinsk.....	July 30-Sept. 17.....	185	103		
Samara.....	Aug. 15-17.....	5	2		
Saratov.....	Aug. 15-27.....	4	1		
Simbirsk.....	July 13.....	2			
St. Petersburg, government.....	June 9-Sept. 11.....	709	330		
St. Petersburg.....	June 2-Sept. 17.....	4,722	1,837		
Tver, government.....	Aug. 15-Sept. 17.....	189	39		
Viatka, government.....	July 6-24.....	2	2		
Vilna.....	July 11-Aug. 21.....	61	20		
Vitebsk, government.....	July 9-Sept. 17.....	703	261		
Vologda, government.....	May 31-Sept. 17.....	482	203		
<b>Siam:</b>					
Bangkok.....	Apr. 25-May 28.....	1		Present.	
<b>Siberia:</b>					
Vladivostok.....	Sept. 23.....				
<b>Straits Settlements:</b>					
Singapore.....	May 9-Aug. 28.....		19	Among natives.	
<b>Sumatra:</b>					
Djambi.....	July 15-31.....	205	108		
<b>Sweden:</b>					
Stockholm.....	Aug. 12.....	1		Imported.	

*Cholera, yellow fever, plague, and smallpox, etc.—Continued.*

## YELLOW FEVER.

Place.	Date.	Cases.	Deaths.	Remarks.
Barbados, general	June 13-Aug. 14	2	1	St. Joseph Parish, December to June, 14 deaths not previously reported.
Brazil:				
Bahia	May 22-Aug. 27	40	19	
Manaos	May 23-Aug. 14		11	Apr. 24-May 1—2 deaths. Reported out of date.
Para	May 30-Sept. 11	49	46	
Pernambuco	Apr. 15-July 31		10	
British Guiana:				
Suddie	July 22	1	1	35 miles from Georgetown.
Ecuador:				
Guayaquil	May 23-Aug. 21		43	
Mexico:				
Merida	June 5-Oct. 1	10	4	Sept. 11, 2 cases imported from the district of Acanceh.
Tekik	Oct. 1	1		
Veracruz	Sept. 24		1	On s. s. Sonora.
Panama:				
Canal Zone—Ancon	Mar. 1-31			1 case at Culebra Island quarantine station, from a vessel, and 1 fatal case en route from Guayaquil.
Venezuela:				
Maiquetia	Aug. 15-25	2	2	

## PLAGUE.

Australia:				
Adelaide	Apr. 30-June 12	2	2	And vicinity.
Mackay	Jan. 21-June 6	2	2	
Sydney	Apr. 18-May 29	5	1	
Azores:				
Terceira	June 16	3	1	
Bahrain Island, Persian Gulf	May 29-June 10		6	
Brazil:				
Bahia	May 22-Aug. 6	22	13	
Rio de Janeiro	May 17-Sept. 12	5	2	
Chile:				
Antofagasta	May 9-30	13	5	July 10, 4 cases in the lazaretto.
Iquique	May 20-Sept. 5	20	9	Sept. 5, 2 cases in the lazaretto.
Magillones	May 4			Still present.
China:				
Amoy	June 1-Aug. 28		822	
Canton	May 9-Aug. 7	325	211	
Chang-Poo	July 23			Epidemic.
Chinchew	May 22			Do.
Eng-Ta-Tau	July 1-31	11	4	
Hongkong	May 2-Aug. 28	92	83	
Kang-he	July 24	61	59	
Kang Thau	Apr. 1-July 31	125	62	
Pollam	May 23-29	8	7	
Swatow district	May 16-July 3		450	July 1, 200 cases still present in Touchowfu and Yin Shan.
Swatow	May 16-July 19		2	
Ecuador:				
Chunchi	June 1-30	3	1	
Duran	July 10-31	3		
Guayaquil	May 23-Aug. 28		45	
Huigra	May 1-June 15	16	3	
Egypt:				
Alexandria	May 30-Sept. 20	14	10	
Port Said	May 29-Sept. 21	14	5	
Provinces—				
Assiout	May 14-Sept. 28	48	8	
Beherah	June 14-Sept. 8	37	14	
Galyoobeeyeh	June 2-Sept. 6	10	2	
Garbieh	June 2-Sept. 14	47	18	
Fayum	June 3-23	15	6	
Menouf	Jan. 18-Aug. 17	87	17	
German East Africa:				
Muanza district	Apr. 30-May 22		12	
Hawaii:				
Hilo	Aug. 19-Sept. 6	2	2	Case Sept. 6, at Papaikou.
Honolulu	July 20	1		The case arrived on the s. s. Korea, had been ill 11 days, and probably received infection at Hongkong.
Olaa plantation	Aug. 20-22	3	2	

*Cholera, yellow fever, plague, and smallpox, etc.—Continued.*

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>India:</b>				
Bombay Presidency and Sind.	May 16-Sept. 4...	5,548	4,150	
Madras Presidency.....	May 16-Sept. 4...	1,944	1,217	
Bengal.....	May 16-Sept. 4...	1,008	846	
United provinces.....	May 16-Sept. 4...	4,202	3,615	
Punjab.....	May 16-Sept. 4...	7,167	6,135	
Burma.....	May 16-Sept. 4...	1,415	1,348	
Central provinces, including Berar.	May 16-Sept. 4...	967	703	
Mysore State.....	May 16-Sept. 4...	1,364	972	
Central India.....	July 18-Sept. 4...	302	173	
Rajputana and Ajmer-Merwara.	May 16-Sept. 4...	1,062	887	
Kashmir.....	May 16-June 12...	4	3	
Grand total.....		24,983	20,009	
<b>Indo-China:</b>				
Saigon.....	May 9-Aug. 21...	92	89	
<b>Japan:</b>				
Formosa.....	May 23-July 17...	223	156	In south and central parts.
Kobe.....	May 30-Sept. 11...	25	17	
Osaka.....	July 4-10.....	1	1	
Nagasaki.....	Sept. 11.....			Present on a vessel.
Shikoku, island.....	July 17-Aug. 3...	3	1	
Shimonoseki.....	Sept. 11.....			Present.
Tokyo.....	June 26.....	3		
Yokohama.....	May 25-Aug. 7...	28	24	
Mauritius.....	Apr. 1-Aug. 5.....	21	21	
<b>Morocco:</b>				
Casablanca.....	July 15-Sept. 17...		4	Among troops.
<b>Peru:</b>				
Arequipa, department.....	May 8-July 29....	11	2	
Chala.....	July 3-15.....			Present.
Mollendo.....	July 3-15.....			Do.
Cajamarca, department.....	May 8-July 15....	20	6	
Callao, department.....	May 8-Aug. 12....	10	4	
Callao.....	June 20-Aug. 7....			Present. Sept. 1, again present.
Ica, department.....	July 3-15.....	1		
Lambayeque, department.....	May 8-Aug. 12....	18	11	
Eten.....	July 15.....			Present.
Libertad, department.....	May 8-Aug. 26....	16	7	
Salaverry.....	July 15.....			Do.
Lima, department.....	May 8-Aug. 26....	30	12	
Cerro Azul.....	July 15.....			Do.
Moquegua, department.....	July 16-29.....	6	2	
Do.....	July 15.....			Do.
Pescadores Islands.....	June 27-July 3....	4		From s. s. Lodore.
Piura, department.....	June 18-Aug. 26....	32	22	
Paita.....	June 20-July 15....			Present.
<b>Russia:</b>				
Kirgisenaul.....	Aug. 5-8.....	19	18	In the Ural district, to Aug. 14, 22 deaths.
<b>Siam:</b>				
Bangkok.....	Apr. 25-Aug. 28...	22	22	
<b>Trinidad:</b>				
Port of Spain.....	June 13-July 18...	6	5	
<b>Turkey in Asia:</b>				
Adalia.....	June 25-July 29...	5	3	
Beirut.....	June 25-July 4....	1		In Harrett Aryk.
<b>Uruguay:</b>				
Montevideo.....	May 1-June 30....		2	
<b>Venezuela:</b>				
Caracas.....	June 18-Aug. 16....	13	3	
Zanzibar.....	July 14-26.....	3	3	

## SMALLPOX.

<b>Algeria:</b>			
Algiers.....	May 1-Aug. 31....	27	19
Bona.....	June 1-Aug. 31....	49	25
<b>Arabia:</b>			
Aden.....	Aug. 3-9.....		1
<b>Argentina:</b>			
Buenos Aires.....	Mar. 1-June 30....		31
Rosario.....	Apr. 1-July 31....	3	3

*Cholera, yellow fever, plague, and smallpox, etc.—Continued.*

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Austria:</b>				
Galicia.....	June 6-July 31....	6		
Silesia.....	June 20-Aug. 7....	17		
<b>Belgium:</b>				
Antwerp.....	July 18-24.....	4		
<b>Brazil:</b>				
Bahia.....	May 22-Aug. 27....	56	22	
Pernambuco.....	Apr. 1-July 31....		65	
Rio de Janeiro.....	May 17-Sept. 12....	80	31	
Santos.....	May 10-16.....		1	
São Paulo.....	May 10-July 18....		12	
<b>Canada:</b>				
British Columbia—				
Vancouver.....	June 1-July 31....	4		
Nova Scotia—				
Halifax.....	June 13-Aug. 7....	5		
Quebec—				
Montreal.....	June 17.....			2 cases additional at Grosse Isle on s. s. Virginian.
<b>Ceylon:</b>				
Colombo.....	May 23-29.....	2		
<b>Chile:</b>				
Valparaiso.....	May 16-Aug. 28....			Present.
Santiago.....	May 29-Aug. 21....			Do.
<b>China:</b>				
Amoy.....	June 1-July 10....	24	31	May 9-15; present.
Eng-Ta-Tau.....	July 1-31.....	9		
Hankow.....	Aug. 21.....	1		Apr. 26-June 12, present among natives.
Hongkong.....	May 2-June 26....	16	12	
Kang Thau.....	Apr. 1-June 30....	7	1	
Newchwang.....	Aug. 1-14.....	2	1	
Shanghai.....	May 10-Aug. 7....		8	Among natives. Sept. 4, one case on s. s. Wilmington.
Tientsin.....	June 27-July 3....	1	2	
<b>Egypt, general</b> .....	Apr. 30-Aug. 26....	1,487	346	
Alexandria.....	June 1-30.....	3		
Cairo.....	May 21-Sept. 9....		17	
Suez.....	May 21-July 8....	46	3	
<b>Ecuador:</b>				
Ensenada.....	Aug. 25.....			Epidemic.
Guayaquil.....	June 1-Aug. 10....	3		In July, 4 cases and 1 death in vicinity.
<b>France:</b>				
Bordeaux.....	Sept. 4.....		1	
Marseille.....	June 1-30.....		5	
Nantes.....	July 1-31.....	1		
Paris.....	May 23-Sept. 18....	40	3	
Toulon.....	July 25-31.....		1	
<b>Germany, general</b> .....	May 30-Sept. 25....	23		
<b>Gibraltar:</b>				
Cardiff.....	July 6.....	1		
<b>Great Britain:</b>				
Liverpool.....	June 21-26.....	2		Case, June 22, from s. s. Canada.
<b>India:</b>				
Bombay.....	May 26-Sept. 7....		89	
Caleutta.....	May 16-Aug. 7....		126	
Madras.....	May 22-Sept. 3....		16	
Rangoon.....	May 12-Aug. 14....		28	
<b>Indo-China:</b>				
Saigon.....	May 9-Aug. 7....	21	20	
<b>Italy, general</b> .....	May 31-Sept. 19....	236		
Genoa.....	June 1-Sept. 15....	15		
Naples.....	May 31-Sept. 19....	293	51	
Ottiana.....	June 23.....	1		
Rome.....	Mar. 7-13.....	1	1	
<b>Japan:</b>				
Formosa.....	June 13-19.....	1		
Moji.....	June 6.....	1		
Osaka.....	Jan. 1-May 31....	3		From s. s. Selja.
Yokohama.....	June 1-7.....	1		
<b>Java:</b>				
Batavia.....	May 6-Aug. 21....	23		
<b>Malta:</b>				
Valetta.....	Sept. 11.....	2		
<b>Mauritius:</b>				
Port Louis.....	Apr. 1-30.....	1	1	

*Cholera, yellow fever, plague, and smallpox, etc.—Continued.*

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Mexico:</b>				
Aguascalientes.....	June 21-27.....		1	
Chihuahua.....	Aug. 16-22.....	1		
Guadalajara.....	June 11-Sept. 9.....		4	
Mexico.....	May 16-Aug. 28.....		86	
Monterey.....	June 14-Sept. 26.....		28	
Veracruz.....	June 1-Sept. 6.....	12	4	Aug. 12; 6 cases imported from Medellin.
<b>Newfoundland:</b>				
St. Johns.....	Sept. 4.....	3		
<b>Norway, general.....</b>	<b>Apr. 1-May 30.....</b>	<b>3</b>		
<b>Panama:</b>				
Canal Zone—				
Ancon.....	Mar. 1-31.....	1		At Culebra Island quarantine station; from a vessel.
<b>Persia:</b>				
Khorassan.....	June 1-30.....			Epidemic.
Kurdistan.....	June 1-30.....			Do.
Mazanderan.....	July 1-31.....			Do.
Meshed-i-Sur.....	June 1-30.....			Epidemic in vicinity.
Shiraz.....	May 1-31.....			Present.
Turbat-i-Haidari.....	May 1-31.....			Do.
<b>Peru:</b>				
Lima.....	July 4-10.....	1		In the lazaretto.
Mollendo.....	Aug. 28.....			Present.
<b>Philippine Islands:</b>				
Manila.....	May 9-July 31.....	17	7	Fourth quarter, 1908, 28 cases and 8 deaths; first quarter, 1909, 55 cases and 16 deaths; second quarter, 1909, 76 cases and 9 deaths.
<b>Portugal:</b>				
Lisbon.....	May 30-Sept. 11.....	120		
<b>Russia:</b>				
Libau.....	May 6-Aug. 1.....	4		
Moscow.....	May 16-Sept. 11.....	351	109	
Odessa.....	May 30-Sept. 18.....	85	14	
Riga.....	June 6-Sept. 11.....	67		May 1-July 31, 24 deaths.
St. Petersburg.....	May 16-Sept. 18.....	354	80	
Warsaw.....	Apr. 25-Aug. 14.....		18	
<b>Siam:</b>				
Bangkok.....	Apr. 25-June 28.....	2	1	
<b>Siberia:</b>				
Vladivostok.....	May 15-June 3.....	4	1	
<b>Spain:</b>				
Barcelona.....	June 1-Sept. 27.....		66	
Huelva.....	May 1-July 31.....		21	
Madrid.....	May 1-Aug. 31.....		352	
Seville.....	May 1-June 30.....		2	
Tarragona.....	July 20-26.....		1	
Valencia.....	May 20-Sept. 16.....	73	3	
Vigo.....	May 23-Sept. 18.....		15	
<b>Straits Settlements:</b>				
Penang.....	Aug. 15-21.....	1		
Singapore.....	May 16-July 10.....		2	
<b>Switzerland:</b>				
Aargau, canton.....	June 20-26.....	1		
Fribourg, canton.....	June 13-19.....	1		
Geneva, canton.....	May 30-June 26.....	9		
<b>Tripoli:</b>				
Tripoli.....	May 23-Aug. 28.....	84	17	
<b>Turkey in Asia:</b>				
Bagdad.....	July 19.....			Present in interior.
Bagdad.....	May 9-Aug. 14.....			Present.
Bassorah.....	May 23-June 26.....			Do.
Hadjin.....	July 19.....			Do.
Smyrna.....	May 7-Aug. 6.....		64	
<b>Turkey in Europe:</b>				
Constantinople.....	May 31-Aug. 1.....		8	
<b>Uruguay:</b>				
Montevideo.....	Apr. 1-July 31.....		16	

## 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.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Aberdeen.....	Sept. 18	181,918	35											
Acapulco.....	Sept. 11	5,000	9											
Do.....	Sept. 18	5,000	7											
Aix-la-Chapelle.....	Sept. 4	160,119	81	2								2	3	1
Do.....	Sept. 11	160,092	93	4										3
Amsterdam.....	Sept. 18	565,851	116	22		1				1			2	1
Amoy.....	Aug. 21	400,000	180	1	58	21				1				
Do.....	Aug. 28	400,000	172		47	18								
Antwerp.....	Sept. 11	323,921	88	4								2	6	1
Athens.....	do.....	241,058	61	16						6				
Bangkok.....	Aug. 28	600,000			9									
Baracca.....	Sept. 11	27,000	3	1										
Do.....	Sept. 18	27,000	6											
Barcelona.....	Sept. 20	600,000	360	14				4		13		2		1
Do.....	Sept. 27	600,000	370	22				1		16	3	1		1
Barmen.....	Sept. 4	162,300	40	6										
Barranquilla.....	Aug. 28	40,000	15	1						1				
Do.....	Sept. 4	40,000	17											
Do.....	Sept. 11	40,000	28	1						1				
Do.....	Sept. 18	40,000	30	3										
Basel.....	Sept. 11	131,000	28	5						1				
Belfast.....	Sept. 18	386,576	93	8										7
Belize.....	Sept. 23	9,113	9	1										
Bergen.....	Sept. 11	87,749	11	3								1		
Do.....	Sept. 18	87,749	14											
Berlin.....	Sept. 4	2,102,918	519	75						3	10	6	3	11
Do.....	Sept. 11	2,103,427	556	80						1	10	8	4	10
Belgrade.....	Sept. 18	80,000								2				
Birmingham.....	do.....	558,336	154							2	3		1	4
Bordeau.....	Sept. 4	253,000	84	15				1						
Do.....	Sept. 11	253,000	84	9										
Do.....	Sept. 18	253,000	76	15										
Bombay.....	Sept. 7	977,822	602	48	27	27		1					1	
Bradford.....	Sept. 4	293,983	62	5										
Do.....	Sept. 11	293,983	73	3										
Do.....	Sept. 18	293,983	49	6						2		2	1	
Bremen.....	Sept. 11	235,648	50	6						1			1	
Do.....	Sept. 18	235,648	56	8										
Breslau.....	Sept. 11	335,186	246	31								1	1	2
Bristol.....	Sept. 18	377,642	79	5								1	1	2
Brussels.....	Sept. 11	704,975	197	23						1		2		
Do.....	Sept. 18	704,975	187	13						1	1		2	1
Budapest.....	Sept. 12	804,200								1	1			
Cairo.....	Sept. 9	704,836	325	27			2	4		5	5	1	19	1
Canton.....	Aug. 14	1,000,000	200	20						5				
Cartagena.....	Sept. 11	30,000	9											
Do.....	Sept. 18	30,000	9											
Ceiba.....	Sept. 25	6,000		1										
Chemnitz.....	Sept. 11	278,960	84	11							1		1	
Christiana.....	Sept. 18	236,000	42	8								1	1	
Cienfuegos.....	do.....	37,000	20	2						2				
Coburg.....	Sept. 11	23,396	8								1			
Cognac.....	Sept. 18	19,483	3											
Cologne.....	Sept. 11	472,158	186	17							2	1	6	7
Colombo.....	Aug. 21	183,872	114	14						3				
Do.....	Aug. 28	183,872	128	15						11				
Colon.....	Sept. 18	16,000	14											
Constantinople.....	Sept. 12	1,000,000	222	39						8				
Do.....	Sept. 19	1,000,000	204	43						13	2	1		
Copenhagen.....	Sept. 4	450,000	91	8										
Coquimbo.....	Aug. 28	12,000	18	3						1	1			
Dalny.....	do.....	38,104	28	3										
Do.....	Sept. 4	38,104	36	3		3				1				
Damascus.....	do.....	250,000	49											
Do.....	Sept. 11	250,000	50											
Denia.....	do.....	12,431	2											
Do.....	Sept. 18	12,431	4	1										
Dresden.....	Sept. 4	546,000	122	26							1	1		12
Do.....	Sept. 11	546,000	162	16									1	8
Do.....	Sept. 18	546,000	134	18						2		5		12
Durban.....	Aug. 28	60,244	18	2										
Dundee.....	Sept. 18	169,409	46									2		
Edinburgh.....	do.....	355,366	96	14							1			1

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.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Fiume.....	Sept. 4	50,811	27	6										
Do.....	Sept. 11	50,811	23	9										
Do.....	Sept. 18	50,811	27	7								1		
Flushing.....	do.....	21,208	2											
Do.....	Sept. 25	21,208	8											
Frankfort on the Main.....	Sept. 4	366,200	99								2			
Do.....	Sept. 11	366,200	90								1	1		1
Frontera.....	Sept. 18	9,000	2											
Geneva.....	Sept. 4	121,500	24											
Do.....	Sept. 11	121,500	26								1			
Ghent.....	do.....	164,579	41	4										
Gibraltar.....	Sept. 12	26,830	1											
Do.....	Sept. 19	26,830	5	1										
Glasgow.....	Sept. 24	872,021	203							2	5	3	4	3
Gothenberg.....	Sept. 11	162,400	23	2								1		
Do.....	Sept. 18	162,400	21	5										
Greenock.....	do.....	72,300	17											
Guayaquil.....	Sept. 4	75,000	56	3	10		2							3
Do.....	Sept. 11	75,000	68	6	4		2							4
Halifax.....	Sept. 25	50,000	26	2										
Hamburg.....	Sept. 11	872,252	209	21						1	6	8		3
Do.....	Sept. 18	872,252	239	24							2	14		
Hankow.....	Aug. 21	800,000	1											
Havre.....	Sept. 11	132,430	62	15						1			1	
Do.....	Sept. 18	132,430	56	9						1				
Hilo.....	Sept. 11	3,500	7		1					1				
Hongkong.....	Aug. 21	315,616			1									
Hull.....	Sept. 18	275,552	81										1	1
Kobe.....	Sept. 4	380,717	244		2									
Do.....	Sept. 11	380,717	296		6									
Konigsberg.....	do.....	240,000	82	8						1			1	4
La Paz, Mexico.....	Sept. 18	5,000	6											
Lausanne.....	Sept. 4	60,000	15											
Do.....	Sept. 11	60,000	15											
Leeds.....	Sept. 18	484,012	133	5						1	1			3
Leipsic.....	Sept. 11	537,686	164	5						1		3	3	4
Leith.....	Sept. 18	85,721	9											
Libau.....	Sept. 12	90,000												
Do.....	Sept. 19	90,000									1			
Liege.....	Sept. 11	175,843	33	4							1		1	
Liverpool.....	Sept. 18	760,357	231	12						1	3	1		1
London.....	Sept. 25	7,429,740	1,656							3	2	14	5	23
Lübeck.....	Sept. 11	97,000	17	1										
Do.....	Sept. 18	97,000	18	3								1		
Lyons.....	Sept. 4	472,114	114	25									1	
Do.....	Sept. 11	472,114	146	33						1		1		1
Madras.....	Sept. 3	509,346	332				2							
Magdeburg.....	Sept. 11	250,628	81	8							1		1	
Manchester.....	Sept. 18	631,533	194	23						1	2	3	3	2
Mannheim.....	Sept. 4	183,770	50	4									1	1
Matamoras.....	Sept. 25	8,000	3											
Montreal.....	do.....	389,837	164	16						6		3		1
Monterey.....	Sept. 26	100,000	57	5			1		2	2		1		
Moscow.....	Sept. 11	1,500,000	852	69		1		1	9	22	15	10		6
Munich.....	Sept. 10	566,000	178	23							3		1	3
Nagasaki.....	Aug. 29	175,936	51							1				
Do.....	Sept. 5	175,936	60									1		
Naples.....	Sept. 18	593,729	261				2							
Newcastle-on-Tyne.....	do.....	281,584	81	7							1			2
Newchwang.....	Aug. 28	60,000	81	2									1	
Niagara Falls, Ontario.....	Sept. 1-30	9,500	13											
Nuevo Laredo.....	Sept. 25	8,000	3											
Nottingham.....	Sept. 11	260,000	73							1		1		
Nuremberg.....	Aug. 28	316,180	96											
Odessa.....	Sept. 11	520,000	218	19						7	23	4	4	
Do.....	Sept. 18	474,000	208	13			3			8	16	6	5	
Paris.....	do.....	2,776,394	774	153				2	2	2	2	4	4	5
Penang.....	Aug. 28	102,520	47	5										
Port Elizabeth.....	Sept. 4	32,959	10	1						1				
Port of Spain.....	Sept. 11	60,000	36	1										
Prague.....	do.....	229,865	114	27						1	1			
Queenstown.....	Sept. 18	7,684	3											
Rangoon.....	Aug. 28	252,165	204	10	19	4								

## 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.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Riga.....	Sept. 18	355,000	.....	.....	.....	8	.....	.....	.....	.....	.....	.....	.....	.....
Rotterdam.....	Sept. 25	415,271	90	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Saigon.....	Aug. 21	206,000	.....	.....	9	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Petersburg.....	Sept. 11	1,678,000	766	108	.....	56	.....	6	3	7	23	9	37	15
Santa Cruz de Tenerife.....	do.....	46,000	11	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Sept. 18	46,000	14	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Santiago de Cuba.....	Sept. 25	53,614	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Scheidam.....	Sept. 18	31,833	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Shanghai.....	Aug. 28	550,000	295	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sheffield.....	Sept. 11	472,000	132	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Sept. 18	472,000	120	4	.....	.....	.....	.....	.....	2	2	.....	.....	2
Sunderland.....	Sept. 11	159,137	59	2	.....	.....	.....	.....	.....	1	1	.....	.....	1
Do.....	Sept. 18	159,137	42	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Stettin.....	Sept. 11	230,000	97	8	.....	.....	.....	.....	.....	.....	2	.....	1	.....
Do.....	Sept. 18	230,000	77	6	.....	.....	.....	.....	.....	2	2	1	.....	1
Singapore.....	Aug. 28	271,060	190	.....	.....	1	.....	.....	.....	3	.....	.....	.....	.....
Stockholm.....	Sept. 4	339,582	66	11	.....	.....	.....	.....	.....	.....	.....	1	.....	1
Do.....	Sept. 11	339,582	70	10	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
Tamatave.....	Aug. 21	7,086	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Aug. 28	7,086	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tarragona.....	Sept. 18	20,400	7	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Tientsin.....	Aug. 28	1,000,000	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Sept. 4	1,000,000	19	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trieste.....	Sept. 11	217,706	101	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Turin.....	Sept. 16	335,656	93	7	.....	.....	.....	.....	.....	3	.....	.....	.....	.....
Valencia.....	Sept. 18	240,000	54	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vevay.....	Sept. 4	14,500	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Sept. 11	14,500	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vienna.....	Sept. 18	2,064,037	563	72	.....	.....	.....	.....	.....	1	6	2	.....	1
Vigo.....	do.....	40,000	17	4	.....	.....	.....	2	.....	1	.....	.....	.....	.....
Warsaw.....	Aug. 7	764,054	259	43	.....	.....	.....	.....	2	1	7	.....	4	1
Do.....	Aug. 14	764,054	296	54	.....	.....	.....	1	.....	1	5	2	4	1
West Hartlepool.....	Sept. 18	66,750	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Winnipeg.....	Sept. 25	122,000	38	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....
Zanzibar.....	Aug. 31	75,000	46	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

The following cases of and deaths from smallpox, yellow fever, cholera, and plague have been reported to the Surgeon-General, Public Health and Marine-Hospital Service, during the week ended October 15, 1909:

## SMALLPOX—UNITED STATES.

Place.	Date.	Cases.	Deaths.	Remarks.
District of Columbia:				
Washington.....	Sept. 25-Oct. 2.....	2	.....	
Massachusetts:				
Boston.....	.....do.....	1	.....	
Minnesota:				
Duluth.....	Sept. 17-24.....	1	.....	
Missouri:				
St. Louis.....	Sept. 25-Oct. 2.....	1	.....	
Montana:				
Butte.....	Sept. 23-30.....	3	.....	
New Jersey:				
Ne vark.....	Sept. 18-25.....	1	.....	
North Carolina:				
Charlotte.....	Sept. 24-Oct. 1.....	2	.....	
Ohio:				
Dayton.....	Sept. 25-Oct. 2.....	2	.....	
Wisconsin:				
.....Milwaukee.....	.....do.....	1	.....	



## SMALLPOX—FOREIGN.

Place.	Date.	Cases.	Deaths.	Remarks.
Brazil:				
Rio de Janeiro.....	Aug. 23-Sept. 12.....	6	2	
China:				
Shanghai.....	Sept. 1-7.....	1	.....	On U. S. S. Wil-
Egypt:				mington.
General.....	Aug. 12-19.....	101	16	
Cairo.....	Sept. 2-9.....	1	2	
France:				
Bordeaux.....	Aug. 27-Sept. 4.....	.....	1	
Paris.....	Sept. 11-18.....	1	.....	
Germany:				
Konigsberg.....	Aug. 22-28.....	1	1	
India:				
Bombay.....	Sept. 1-7.....	.....	1	
Madras.....	Aug. 28-Sept. 3.....	2	.....	
Indo-China:				
Saigon.....	July 31-Aug. 7.....	1	1	
Italy:				
General.....	Sept. 12-19.....	9	.....	
Naples.....	do.....	10	2	
Mexico:				
Monterey.....	Sept. 19-26.....	.....	1	
Russia:				
Moscow.....	Sept. 4-11.....	3	2	
Odesa.....	Sept. 4-18.....	17	3	
Riga.....	Sept. 11-18.....	2	.....	
St. Petersburg.....	Sept. 4-11.....	8	6	
Warsaw.....	Aug. 7-14.....	.....	1	
Spain:				
Barcelona.....	Sept. 13-27.....	.....	5	
Valencia.....	Sept. 11-18.....	1	.....	
Vigo.....	do.....	.....	2	
Uruguay:				
Montevideo.....	July 1-31.....	6	.....	

## YELLOW FEVER.

Ecuador:				
Guayaquil.....	Aug. 27-Sept. 11.....	.....	4	
Mexico:				
Merida.....	Sept. 28-Oct. 1.....	1	1	
Tekik.....	Oct. 1.....	1	.....	

## CHOLERA.

China:				
Chefoo.....	Sept. 15.....	.....	.....	Present.
Germany:				
Russ.....	Sept. 19.....	1	1	Vicinity.
Stolzenhagen.....	Sept. 18.....	1	.....	
India:				
Bombay.....	Sept. 1-7.....	.....	27	
Rangoon.....	Aug. 21-28.....	.....	4	
Japan:				
Nagasaki.....	Sept. 9.....	7	1	From s. s. Tain
Korea:				Maru.
Chemulpo.....	Sept. 15.....	.....	.....	Present.
Netherlands:				
Halsteren.....	Sept. 1-7.....	1	.....	
Hoogvliet.....	do.....	1	.....	
Pernis.....	do.....	1	.....	
Russia:				
Moscow.....	Sept. 4-11.....	3	1	
Straits Settlements:				
Singapore.....	Aug. 21-28.....	.....	1	
Sumatra:				
Djambi.....	July 1-31.....	205	108	

## PLAGUE—INSULAR.

Hawaii:				
Hilo.....	Sept. 4-11.....	1	1	

## PLAGUE—FOREIGN.

Place.	Date.	Cases.	Deaths.	Remarks.
Ecuador:				
Guayaquil .....	Aug. 27-Sept. 11.....		14	
India:				
Bombay .....	Sept. 1-7.....		27	
Rangoon.....	Aug. 21-28.....		19	
Indo-China:				
Saigon.....	July 31-Aug. 21.....	18	18	
Japan:				
Kobe.....	Sept. 15.....			Epidemic present. Present in quaran- tine. Present.
Nagasaki.....	do.....			
Shimonoseki.....	do.....			
Mauritius:				
General.....	July 15-Aug. 5.....		9	
Morocco:				
Casablanca.....	July 15-Sept. 17.....		4	
Siam:				
Bangkok.....	Aug. 21-28.....	9	9	

By authority of the Secretary of the Treasury:

WALTER WYMAN,

*Surgeon-General,*

*United States Public Health and Marine-Hospital Service.*