

PUBLIC HEALTH REPORTS.

THE SURFACE PRIVY AS A FACTOR IN SOIL POLLUTION, WITH RESULTING HOOKWORM DISEASE AND TYPHOID FEVER.

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Recent investigations on the subject of hookworm disease in the South have brought to light certain conditions of soil pollution which call for serious consideration because of their influence on the spread of disease, especially hookworm disease and typhoid fever.

By actual count of 366 farmhouses scattered over four Southern States, it was found that only 115 houses, or 31.4 per cent, were provided with privies, while 251 houses, or 68.5 per cent, had no privy. Thus, a condition of theoretical maximum soil pollution was occurring around 68.5 per cent of the houses in question. When it is considered that both hookworm disease and typhoid fever are spread through night soil, the importance of this soil pollution becomes evident.

Even when a privy is present soil pollution may occur in case the outhouse is not properly built or not properly cleaned.

It should be recalled that anything less than a sewer system is a compromise with the ideal, and when from financial or other reasons a sewer system is not feasible, it is well to make the best possible compromise.

Among several thousand privies examined, on farms and in various villages, the prevailing style was found to be the surface privy open in back. This is the poorest compromise that can be made, for not only is the danger present of contaminating the water supply in near-by wells, but soil pollution naturally occurs around the outhouse, and this is increased by the fact that chickens, dogs, and hogs have access to the night soil and scatter the infectious material around. Further, also, flies and other insects either breed in or feed upon the excreta and carry fecal material to the food in the houses. An urgent necessity is present for a radical reform in this matter and for the abolition of this style of privy.

A slight but not sufficient improvement is found when this style of privy is provided with a swinging door in back, thus not only improving the appearance of the structure but excluding chickens, dogs, and swine from the excreta.

A still further improvement is obtained by use of a floor privy with a water-tight tub under the seat; the back should be closed by a swinging door. Every time this tub is emptied a thin layer of sand or other soil should be placed in the tub. If a cheap fluid disinfectant also is placed in the tub this will tend not only to kill the disease germs and hookworm eggs, but also to repel the flies and

other insects, to decrease the odor, and thus to render the privy less of a nuisance than it otherwise may be, especially in warm climates and in summer. This style of privy was found in a few villages.

Still another style found is completely closed in back, and a pail is placed under the seat. This pail is taken out through the front.

In only a comparatively few instances were water-tight vaults found. The vault has, of course, certain great advantages, but is somewhat more expensive than the tub and pail systems and is also not so easily cleaned by the house occupants. Even when a vault is present it is advisable to use some insect repellant. In some instances it was found that when the privies were cleaned the night soil was used for fertilizer. Without going into the question whether or not the value of human excreta as fertilizer is as great as popularly supposed, attention may be invited to the important fact that especially in any warm and moist locality, particularly in sandy regions, such use is a menace to public health unless the night soil is stored for some time in order to permit it to thoroughly ferment. With the present knowledge of the methods by which hookworm disease and typhoid fever are spread, the sale of fresh untreated night soil by towns to farmers, for use as fertilizer, is without excuse and should be prohibited.

One method of disposal of the excreta taken from the privies is to burn it. This method is almost ideal, but naturally involves some expense; nevertheless, it is worth the expense. In case the fresh night soil is buried, care should be taken to bury it in a place sufficiently removed from any drinking-water supply to prevent infection.

The following case is given illustrating the good accomplished by doing away with the surface privy:

Several years ago, at the invitation of Doctor Julian, the physician in charge, I visited a certain orphanage in North Carolina. We found a number of cases of hookworm disease among the children. Upon examining the premises we found the surface privy open in back, and the institution was urged to do away with this system. A sewer system was installed, and recently Doctor Julian has communicated the following results to me:

There were 10 deaths in the orphanage due to hookworm disease, during the 13 years prior to my visit; this number was greater than the number of deaths from all other causes combined. Since my visit (1903) not a single death from this cause has occurred. Since the surface privy was done away with, not a single case of hookworm disease has developed in the institution. During the year prior to the construction of the sewer 100 cases of typhoid developed; since the construction of the sewer not a single case of typhoid has developed in the institution.

A reduction of soil pollution in the South means a reduction of hookworm disease and typhoid, hence a reduction of the mortality, especially in women and children, an increase in vitality and mentality, and an elevation of the condition (mental, physical, and financial), especially of the tenant white class.

The soil pollution (with its resulting hookworm disease) now occurring on the southern farms is responsible for a large amount of the anemia found among the farm hands, and hence for a great deal of the inefficiency met with among farm laborers.

To do away with this soil pollution is not only in the interest of the public health, but also in the interest of the further economic development of the South, especially on the farms and in the textile industries.

UNITED STATES.

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

Reports 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 11, 1909.

Sick inspected.....	1
Plague.....	0
Dead inspected.....	91
Plague.....	0
Premises inspected.....	1, 751
Houses disinfected.....	20
Houses destroyed.....	2
Buildings condemned.....	11
Nuisances abated.....	157
 Rats found dead.....	9
Rats trapped.....	1, 944
Total rats taken.....	1, 953
Rats identified:	
Mus norvegicus.....	1, 512
Mus rattus.....	57
Mus musculus.....	360
Mus alexandrinus.....	15
Total.....	1, 944
Rats identified as to sex:	
Male.....	769
Female.....	833
Total.....	1, 602
Rats examined bacteriologically.....	1, 255
Plague rats.....	0
Poisons placed.....	16, 992
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 11, 1909.

Dead inspected.....	25
Plague.....	0
Rats found dead.....	23

Rats trapped.....	541
Rats identified.....	564
<i>Mus norvegicus</i>	522
<i>Mus rattus</i>	2
<i>Mus musculus</i>	40
Rats examined bacteriologically.....	523
Plague rats.....	0

POINT RICHMOND, CAL.

Week ended September 11.

Sick inspected.....	1
Plague.....	0
Dead inspected.....	3
Plague.....	0

ALAMEDA COUNTY, CAL. (EXCLUSIVE OF OAKLAND).

Week ended September 4, 1909.

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

Last case of rodent plague: Found September 4, 1909.

Dead inspected.....	43
Plague.....	0
Ranches inspected.....	62
Ground squirrels shot.....	526
Ground squirrels examined bacteriologically.....	389
Ground squirrels infected with <i>B. pestis</i>	6
Total number of ground squirrels found infected to date.....	17

Plague-infected ground squirrels obtained from the following-named places.

August 30, 1909.

Matsen's ranch.....	1
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August 31, 1909.

Matsen's ranch.....	1
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September 3, 1909.

Thiele ranch.....	2
Matsen's ranch.....	1

September 4, 1909.

Matsen's ranch.....	1
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Plague case in Alameda County.

Doctor Blue reports, September 27:

September 24, Manuel Avila, aged 5 years, Californian, Portuguese parentage, 2 miles southwest of Sunol, Alameda County, has clinical plague. Isolated Alameda County Infirmary.

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

Week ended September 4.

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

Last case of rodent plague: Found September 2, 1909.

Ranches inspected.....	165
Ground squirrels shot.....	2, 071
Ground squirrels found dead.....	4
Ground squirrels examined bacteriologically.....	1, 726
Ground squirrels infected with <i>B. pestis</i>	4
Total number of ground squirrels infected to date.....	195

Plague-infected ground squirrels obtained from the following-named places:

<i>August 26, 1909.</i>	
Flemming ranch.....	1
<i>August 28, 1909.</i>	
Evoy ranch.....	1
<i>September 2, 1909.</i>	
Fernandez ranch.....	1
Belshaw's ranch.....	1

Report from Seattle, Wash.—Plague laboratory work, month of August, 1909.

Assistant Surgeon Chapin reports, September 14:

During the month of August, 1909, 5,308 rats were delivered at the laboratory and 3,457 were necropsied. No plague-infected rats were found.

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

CALIFORNIA—*San Diego*.—Month of August, 1909. Estimated population, 45,000. Total number of deaths 33, including 3 from tuberculosis. Cases: Enteric fever 1, measles 1, tuberculosis 2.

COLORADO—*Colorado Springs*.—Month of May, 1909. Estimated population, 32,000. Total number of deaths 42, including scarlet fever 1 and 20 from tuberculosis. Cases: Diphtheria 1, scarlet fever 8.

Month of June, 1909. Total number of deaths 40, including enteric fever 1, whooping cough 1, and 11 from tuberculosis. Cases: Diphtheria 1, scarlet fever 9.

ILLINOIS—*Alton*.—Month of August, 1909. Estimated population, 22,000. Total number of deaths 19, including diphtheria 1, enteric fever 1, and 2 from tuberculosis. Cases: Diphtheria 5.

INDIANA—*Jeffersonville*.—Month of August, 1909. Estimated population, 12,000. Total number of deaths 12, including diphtheria 1 and 1 from tuberculosis. Cases: Diphtheria 2, enteric fever 2, tuberculosis 1.

Muncie.—Month of August, 1909. Estimated population, 30,266. Total number of deaths, 26, including enteric fever 1 and 4 from tuberculosis. Cases: Diphtheria 2, enteric fever 13, scarlet fever 3, and tuberculosis 1.

IOWA—*Davenport*.—Month of August, 1909. Census population, 35,254. Total number of deaths not reported. Cases of contagious disease reported: Diphtheria 7, enteric fever 1, tuberculosis 1.

Keokuk.—Month of August, 1909. Estimated population, 16,000. Total number of deaths, 20, including 1 from tuberculosis. Cases: None.

MINNESOTA.—Month of June, 1909. Estimated population, 1,979,658. Reports to the state board of health show as follows: Total number of deaths, 1,247, including diphtheria 36, enteric fever 21, scarlet fever 26, measles 4, whooping cough 16, smallpox 3, and 178 from tuberculosis. Deaths reported from state institutions during the month numbered 23, including 5 from tuberculosis.

NEW HAMPSHIRE—*Franklin*.—Month of August, 1909. Estimated population, 7,200. Total number of deaths, 4, including 1 from diphtheria. Cases: Diphtheria 1, enteric fever 1.

NEW YORK—*Saratoga Springs*.—Month of August, 1909. Estimated population, 11,822. Total number of deaths, 23, including 1 from tuberculosis. Cases: Enteric fever 1, whooping cough 2, and tuberculosis 2.

Yonkers.—Month of August, 1909. Estimated population, 72,200. Total number of deaths, 99, corresponding to an annual death rate of 16.45 per 1,000 of population, including diphtheria 1, scarlet fever 3, enteric fever 2, and 7 from tuberculosis. Cases: Diphtheria 12, scarlet fever 36, enteric fever 3, measles 3, and phthisis pulmonalis 18.

NORTH CAROLINA.—Month of July, 1909. Estimated population, 1,893,810. Reports of state board of health from 98 counties show as follows: Measles in 9 counties, whooping cough in 33 counties, scarlet fever in 16 counties, diphtheria in 27 counties, enteric fever in 81 counties, malarial fever in 10 counties, pernicious malarial fever in 3 counties, hemorrhagic malarial fever in 4 counties, and smallpox in 8 counties, viz: Harnett 4, Johnston 1, Lenoir 2, Mitchell 8, Montgomery 10, Nash 1, Pitt 8, Robeson 6, Rowan 1, Watauga 18.

UTAH—*Salt Lake City*.—Month of July, 1909. Estimated population, 85,000. Total number of deaths, 85, including diphtheria 1, enteric fever 3, scarlet fever 1, smallpox 1, and tuberculosis 5. Cases: Diphtheria 7, enteric fever 10, measles 1, scarlet fever 19, smallpox 26, whooping cough 14, and tuberculosis 4 (incomplete).

WISCONSIN.—Months of April, May, and June, 1909. Estimated population, 2,228,969. Total number of deaths, 7,195, including diphtheria 87, enteric fever 61, measles 36, scarlet fever 95, smallpox 1, whooping cough 43, and 681 from tuberculosis. Cases: Diphtheria 286, enteric fever 146, measles 1,334, scarlet fever 802, whooping cough 64, smallpox 273, and phthisis pulmonalis 251.

Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, June 26 to October 1, 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.
California:				
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	.....
Colorado:				
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	.....
Connecticut:				
New Haven.....	May 1-31.....	1	.....
Total for State.....		1	.....
District of Columbia:				
Washington.....	Aug. 8-14.....	1	.....
Total for District.....		1	.....
Georgia:				
Macon.....	June 14-July 11.....	8	.....
Total for State.....		8	.....
Illinois:				
Alexander County—				
Cairo.....	May 1-June 30.....	25	.....
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	.....
LaSalle 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	.....

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Illinois—Continued.				
Madison County.....	May 1-June 30.....	2		
Marion County.....	Apr. 1-June 30.....	14		
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-July 31.....	13		
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.....	5		
Pekin.....	Apr. 1-July 31.....	70		
Union County.....	Apr. 1-May 31.....	5		
Vermilion County.....	Apr. 1-May 31.....	2		
Danville.....	June 14-Sept. 18.....	12		
Warren County.....	June 1-July 31.....	3		
Will County—				
Joliet.....	July 1-31.....	1		
Williamson County.....	Apr. 1-May 31.....	6		
Winnebago County.....	June 1-30.....	1		
Woodford County.....	Apr. 1-July 31.....	25		
Total for State.....		648		
Indiana:				
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		
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.....	18	1	
White County.....	May 1-31.....	2		
Total for State.....		236	3	
Iowa:				
Cedar Rapids.....	July 1-Aug. 31.....	2		
Keokuk.....	May 1-31.....	3		
Ottumwa.....	June 1-30.....	1		
Total for State.....		6		
Kansas:				
Allen County.....	May 1-31.....	5		
Atchison County.....	June 1-30.....	7		
Brown County.....	June 1-30.....	1		
Chautauqua 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.....	27		
Pittsburg.....	May 1-June 30.....	4		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Kansas—Continued.				
Decatur County.....	June 1-30.....	12	1	
Dickinson County.....	May 1-June 30.....	1		
Doniphan County.....	May 1-June 30.....	20		
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 1-31.....	4		
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		
Labette County—				
Parsons.....	May 1-June 30.....	8		
Lyon County.....	May 1-31.....	27		
Marshall County.....	May 1-June 30.....	225		
Montgomery County.....	May 1-June 30.....	3		
Nemaha County.....	June 1-30.....	1		
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-June 30.....	7		
Pratt County.....	May 1-31.....	5		
Rawlins County.....	May 1-31.....	13		
Republic County.....	June 1-30.....	1		
Riley County.....	May 1-June 30.....	8		
Rush County.....	June 1-30.....	2		
Russell County.....	June 1-30.....	1		
Saline County.....	May 1-31.....	2		
Sedgwick County.....	May 1-31.....	11		
Wichita.....	July 11-Aug. 7.....	5		
Shawnee County.....	May 1-31.....	8		
Topeka.....	May 1-June 30.....	38		
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.....		593	1	
Kentucky:				
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		
Louisiana:				
New Orleans.....	June 13-Sept. 4.....	13		
Total for State.....		13		
Maryland, general.....				
Mar. 1-Apr. 30.....		9		
Total for State.....		9		
Massachusetts:				
Boston.....	Sept. 12-18.....	1		
Lawrence.....	June 25-July 3.....	1		
Total for State.....		2		
Michigan:				
Bay County—				
Bay City.....	June 1-30.....	1		
Calhoun County.....	June 1-30.....	1		
Chippewa County.....	May 1-31.....	1		
Delta County.....	June 1-30.....	1		
Eaton County.....	May 1-June 30.....	21		
Emmet County.....	June 1-30.....	1		
Houghton County.....	May 1-31.....	1		
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		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Michigan—Continued.				
Kent County—				
Grand Rapids.....	June 6-26.....	2		
Lapeer County.....	June 1-30.....	1		
Marquette County.....	May 1-June 30.....	6		
Muskegon County.....	May 1-June 30.....	6		
Newaygo County.....	June 1-30.....	1		
Oreana County.....	May 1-31.....	1		
Ottawa County.....	May 1-June 30.....	7		
Saginaw County.....	May 1-June 30.....	17		
Saginaw.....	July 25-31.....	1		
St. Clair County.....	May 1-June 30.....	4		
Schoolcraft County—				
Manistique.....	June 1-30.....	27		
Tuscola County.....	May 1-31.....	4		
Wayne County—				
Detroit.....	May 1-31.....	1		
Total for State.....		110		
Minnesota, general.				
Becker County.....	June 15-21.....	5	3	
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.....	39		
Hubbard County.....	May 25-31.....	1		
Itasca County.....	May 25-June 14.....	7		
Lesueur County.....	June 1-7.....	1		
McLeod County.....	May 25-July 19.....	2		
Mahnomen County.....	Aug. 2-16.....	2		
Marshall County.....	June 8-July 5.....	6		
Meeker County.....	May 25-31.....	5		
Morrison County.....	June 21-28.....	1		
Nobles County.....	May 25-June 21.....	2		
Olmsted County.....	June 8-14.....	2		
Pine County.....	May 25-31.....	1		
Ramsey 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-Aug. 27.....	20		
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 20-28.....	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	
Missouri:				
Kansas City.....	June 13-26.....	2		
St. Joseph.....	May 30-July 24.....	19		
St. Louis.....	June 20-Sept. 18.....	8		
Total for State.....		29		
Montana:				
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		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Montana—Continued.				
Missoula County—				
Missoula.....	June 1-July 31....	4		
Park County.....	May 1-June 30....	21		
Livingston.....	May 1-July 31....	12		
Sanders County.....	May 1-31.....	1		
Silverbow County.....	June 1-July 31....	16		
Butte.....	June 11-Aug. 26....	34		
Teton County.....	May 1-31.....	1		
Valley County.....	May 1-31.....	1		
Yellowstone County.....	May 1-July 31....	7		
Total for State.....		124		
Nebraska:				
Lincoln.....	May 1-July 31....	34		
Total for State.....		34		
New York, general.....				
	May 1-June 30....	433		
Total for State.....		433		
North Carolina:				
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		
Lee County.....	Apr. 1-30.....	6		
Lenoir County.....	July 1-30.....	2		
Madison County.....	May 1-June 30....	7		
Mecklenburg County.....	May 1-31.....	2		
Mitchell County.....	July 1-31.....	8		Apr. 1-30 present.
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		
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		In extreme northern part.
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		
Total for State.....		357		
North Dakota:				
Bottineau County.....	May 1-31.....	1		
Grand Forks County.....	May 1-June 30....	7		
Lamoure County.....	May 1-June 30....	3		
McHenry County.....	May 1-31.....	1		
Stutsman County.....	June 1-30.....	2		
Walsh County.....	June 1-30.....	2		
Ward County.....	May 1-June 30....	9		
Total for State.....		25		
Ohio:				
Cincinnati.....	June 12-July 2....	4		
Columbus.....	Sept. 12-18.....	1		
Dayton.....	July 18-Sept. 11..	15	1	
Toledo.....	July 25-Aug. 7....	2		
Total for State.....		22	1	
Oklahoma:				
Oklahoma.....	Apr. 3-Aug. 21....	51	1	
Total for State.....		51	1	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Oregon:				
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		
Pennsylvania:				
Philadelphia.....	July 10-24.....	4		
Total for State.....		4		
Tennessee:				
Knoxville.....	June 20-Aug. 21...	7		
Total for State.....		7		
Texas:				
Archer County.....	June 1-30.....	1		
Baylor County.....	June 1-30.....	22		
Bee County.....	June 1-30.....	6		
Bexar County.....	June 1-30.....	1	1	
San Antonio.....	June 13-July 17.....	10		
Bowie County.....	June 1-30.....	7		
Cameron County.....	June 1-30.....	1		
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 1-30.....	15		
Henderson County.....	June 1-30.....	15		
Jefferson County.....	May 1-June 30.....	3		
Jones County.....	June 1-30.....	2		
Kinney County.....	June 1-30.....	1	1	
Lamar County.....	June 1-30.....	12		
Matagorda County.....	May 1-June 30.....	10		
McLennan County.....	June 1-30.....	19		
Milam County.....	June 1-30.....	5		
Runnels County.....	May 1-June 30.....	17		
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		
Upsbur County.....	May 1-June 30.....	2		
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 1-30.....	4	1	
Total for State.....		317	2	
Utah:				
Boxelder County.....	May 1-31.....	3		
Cache County.....	June 1-July 21.....	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-July 21.....	6		
Salt Lake County.....	May 1-July 21.....	57	1	
Salt Lake City.....	June 1-30.....	58		
Sanpete County.....	May 1-July 31.....	29		
Summit County.....	May 1-July 21.....	67		
Tooele County.....	May 1-31.....	5		
Uintah County.....	May 1-July 21.....	21		
Utah County.....	May 1-July 21.....	10		
Webber County.....	May 1-July 21.....	4		
Total for State.....		299	1	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Virginia:				
Lynchburg.....	June 20-26.....	1		
Total for State.....		1		
Washington:				
Spokane.....	June 6-July 3.....	7		
Tacoma.....	May 14-June 27.....	6		
Total for State.....		13		
Wisconsin:				
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	
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 21-27.....	2		
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		
Waushara County.....	Jan. 1-Mar. 31.....	1		
Winnebago County.....	Jan. 1-June 30.....	17		
Wood County.....	Apr. 1-June 30.....	2		
Total for State.....		761	4	
Grand total for the United States.....		4,496	23	

Plague in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, August 2-October 1, 1909.

Place.	Date.	Cases.	Deaths.	Remarks.
California:				
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.	Sept. 18	38,973	14	1	—	8	—	—	—	1	—	—	—	—	—
Ashtabula, Ohio.	do.	12,949	4	—	—	—	—	—	—	—	—	—	—	—	—
Baltimore, Md.	do.	508,957	186	12	24	40	9	7	—	7	1	1	—	12	6
Bath, Me.	do.	10,477	—	—	—	—	—	1	—	—	—	—	—	—	—
Bayonne, N. J.	do.	32,722	—	—	1	—	—	7	—	2	—	1	—	—	—
Beaver Falls, N. Y.	do.	13,000	0	—	—	—	—	1	—	—	—	—	—	—	—
Berkeley, Cal.	Sept. 11	13,214	5	—	—	—	—	—	—	1	—	—	—	1	—
Biddeford, Me.	Sept. 18	16,145	11	1	1	—	—	—	—	—	—	—	—	—	—
Biloxi, Miss.	do.	5,467	—	1	1	—	—	—	—	—	—	—	—	—	—
Binghamton, N. Y.	Sept. 11	38,647	19	1	2	—	—	4	—	—	—	—	—	—	1
Do.	Sept. 18	38,647	11	—	—	4	1	—	—	1	—	—	—	—	—
Boston, Mass.	do.	560,892	177	46	11	33	3	31	—	42	1	8	1	—	1
Bradford, Pa.	do.	15,029	3	—	—	—	—	—	—	3	—	—	—	—	—
Bridgeport, Conn.	Sept. 11	70,996	33	1	1	3	1	3	1	2	—	—	—	—	—
Do.	Sept. 18	70,996	26	1	2	3	6	—	—	2	1	—	—	—	—
Brockton, Mass.	do.	40,063	9	4	1	5	—	—	—	—	—	—	—	—	—
Butte, Mont.	Sept. 16	30,470	9	—	—	—	—	1	—	—	—	—	—	—	—
Cambridge, Mass.	Sept. 18	91,886	28	7	5	3	—	1	—	3	—	—	—	1	—
Camden, N. J.	do.	75,935	26	—	—	3	—	1	—	10	2	—	—	—	—
Camden, S. C.	do.	2,441	0	—	—	1	—	—	—	—	—	—	—	—	—
Carbondale, Pa.	do.	13,536	8	—	—	—	—	—	—	—	—	—	—	—	—
Charlotte, N. C.	Sept. 3	18,091	14	—	1	2	1	1	—	—	—	—	—	—	—
Do.	Sept. 10	18,091	9	—	1	4	—	—	—	3	—	1	—	—	—
Do.	Sept. 17	18,091	5	—	2	2	1	—	—	2	—	—	—	—	—
Chelsea, Mass.	Sept. 18	34,072	7	1	2	—	—	2	—	4	—	—	—	—	—
Chicago, Ill.	do.	1,695,575	603	76	61	69	3	97	4	84	10	17	—	69	5
Chicopee, Mass.	do.	19,167	5	—	3	—	—	—	—	—	—	—	—	—	—
Cincinnati, Ohio.	Sept. 4	325,992	109	25	17	6	—	2	—	2	—	1	—	—	—
Do.	Sept. 18	325,992	101	20	13	4	—	5	—	7	—	—	—	—	—
Columbus, Ga.	Sept. 11	17,614	8	—	—	—	—	—	—	1	—	—	—	—	—
Do.	Sept. 18	17,614	10	—	1	—	—	—	—	—	—	—	—	—	—
Columbus, Ohio.	Sept. 11	125,599	51	2	6	9	—	3	—	—	—	—	—	1	—
Concord, N. H.	do.	19,632	5	—	—	—	—	—	—	1	—	—	—	—	—
Covington, Ky.	Sept. 18	42,938	18	—	2	—	1	—	—	1	1	—	—	—	—
Danville, Ill.	do.	16,529	10	—	—	3	—	—	—	2	—	—	—	—	—
Dayton, Ohio.	do.	85,333	33	—	5	4	—	3	—	3	—	—	—	—	—
Detroit, Mich.	do.	285,704	118	—	—	—	—	14	4	18	4	—	—	—	—
Duluth, Minn.	Sept. 17	80,090	20	1	2	1	1	3	—	27	—	—	—	—	—
Dunkirk, N. Y.	Sept. 4	11,616	4	1	1	—	—	—	—	—	—	1	—	—	—
Do.	Sept. 11	11,616	2	1	—	—	—	—	—	—	—	—	—	—	—
Do.	Sept. 18	11,616	5	1	—	1	—	—	—	—	—	—	—	—	—
Elkhart, Ind.	do.	15,184	6	1	1	—	—	—	—	1	—	—	—	—	—
Elmira, N. Y.	do.	35,672	18	—	—	5	1	1	—	—	—	—	—	—	—
El Paso, Tex.	Sept. 14	15,975	22	21	3	4	—	—	—	2	—	—	—	—	—
Erie, Pa.	Sept. 18	52,733	27	4	1	15	1	—	—	3	—	2	—	—	—
Evansville, Ind.	do.	59,077	12	2	1	4	—	15	—	6	2	—	—	—	—
Everett, Mass.	do.	24,336	7	1	1	—	—	—	—	—	—	—	—	—	—
Fall River, Mass.	do.	104,893	52	6	6	5	—	4	—	1	—	—	—	4	2
Findlay, Ohio.	do.	17,613	7	—	2	2	—	1	—	4	—	—	—	—	—
Galesburg, Ill.	do.	18,697	4	—	—	—	—	5	—	—	—	—	—	—	—
Galveston, Tex.	Sept. 17	37,789	2	—	1	9	1	—	—	1	—	—	—	—	—
Grand Rapids, Mich.	Sept. 18	87,545	22	3	—	5	—	6	—	1	—	—	—	—	—
Greensboro, N. C.	do.	10,035	2	—	2	—	—	—	—	4	—	—	—	—	—
Greenville, S. C.	Sept. 11	11,860	3	—	—	—	—	—	—	1	—	—	—	—	—
Do.	Sept. 18	11,860	4	—	—	2	—	—	—	—	—	—	—	—	—
Harrison, N. J.	Sept. 18	10,596	5	—	—	—	—	—	—	3	1	—	—	—	—
Hartford, Conn.	Sept. 15	79,850	17	1	—	4	—	3	1	1	—	—	—	—	—
Do.	Sept. 12	79,850	27	2	—	2	1	—	—	4	1	—	—	—	—
Haverhill, Mass.	Sept. 18	37,175	19	4	—	3	—	2	—	7	—	1	—	2	—
Houston, Tex.	Sept. 11	44,633	16	—	6	—	—	—	—	—	—	—	—	—	—
Hyde Park, Mass.	Sept. 18	13,244	3	—	—	—	—	—	—	—	—	—	—	—	—
Indianapolis, Ind.	Sept. 12	169,164	59	10	11	21	2	—	—	1	—	1	—	—	—
Do.	Sept. 19	169,164	56	4	9	18	—	1	—	11	1	1	—	1	—
Jacksonville, Fla.	Sept. 18	28,429	21	1	2	—	1	—	—	—	—	—	—	—	—
Jersey City, N. J.	Sept. 5	206,433	69	—	5	2	—	11	—	7	1	1	—	—	—
Do.	Sept. 19	206,433	76	—	6	3	—	8	—	5	—	1	—	—	1
Johnstown, Pa.	Sept. 18	10,130	20	5	1	2	1	1	—	5	—	2	—	—	—
Kalamazoo, Mich.	Sept. 11	24,404	11	1	1	—	—	—	—	—	—	—	—	—	—
Do.	Sept. 18	24,404	10	—	—	1	—	—	—	—	—	—	—	—	—
Kansas City.	Sept. 11	51,418	22	—	2	3	3	—	—	13	—	—	—	—	—
Do.	Sept. 18	51,418	12	—	1	6	—	1	—	7	—	—	—	1	—
Kearney, N. J.	Sept. 11	10,896	8	2	—	—	—	—	—	—	—	—	—	—	—
Do.	Sept. 18	10,896	—	—	—	—	—	—	—	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.
Knoxville, Tenn.	Sept. 18	32,637	13	—	2	1	—	—	—	—	—	—	—	—	—
La Crosse, Wis.	do.	28,895	10	—	1	—	—	1	—	4	—	—	—	—	—
La Fayette, Ind.	Sept. 20	18,116	6	—	—	1	2	—	—	—	—	—	—	—	—
Lancaster, Pa.	Sept. 11	41,459	13	3	—	1	—	—	—	—	—	—	—	—	—
Do.	Sept. 18	41,459	9	2	—	5	—	1	—	—	—	—	—	—	—
Lawrence, Mass.	Sept. 11	62,559	34	2	—	1	—	3	—	4	1	2	—	—	—
Lexington, Ky.	Sept. 18	26,369	6	—	—	—	—	—	—	—	—	—	—	—	—
Los Angeles, Cal.	Sept. 11	102,479	60	14	17	7	2	—	—	8	—	4	—	3	—
Lowell, Mass.	Sept. 18	94,969	45	2	2	—	—	1	1	4	1	—	—	—	—
Lynchburg, Va.	do.	18,891	—	1	—	5	—	—	—	1	—	—	—	2	—
Lynn, Mass.	Sept. 11	68,513	22	—	3	5	—	—	—	3	—	—	—	—	—
Malden, Mass.	Sept. 18	33,664	11	1	3	1	—	3	—	—	—	—	—	—	—
Manitowoc, Wis.	do.	11,786	4	1	—	2	—	4	—	—	—	—	—	—	—
Mans. eld, Ohio.	do.	17,650	—	—	—	14	1	—	—	—	—	—	—	—	—
Marlboro, Mass.	Sept. 11	13,609	6	1	—	—	—	—	—	2	1	—	—	—	—
Marinette, Wis.	Sept. 18	16,195	4	—	—	—	—	—	—	—	—	—	—	—	—
Massillon, Ohio.	do.	11,944	2	—	—	1	—	1	—	—	—	—	—	—	—
Medford, Mass.	do.	18,244	5	—	—	—	—	2	—	2	—	—	—	—	—
Melrose, Mass.	Sept. 11	12,962	4	1	—	—	—	1	—	—	—	—	—	—	—
Milwaukee, Wis.	do.	285,315	115	17	6	6	2	37	5	17	2	4	1	5	—
Mobile, Ala.	do.	38,469	18	—	7	—	—	—	—	—	—	—	—	—	—
Montclair, N. J.	Sept. 18	13,962	4	—	1	3	—	—	—	—	—	—	—	—	—
Montgomery, Ala.	Sept. 17	30,346	12	—	—	2	—	—	—	1	—	—	—	—	—
Mount Vernon, N. Y.	Sept. 18	21,228	7	—	1	5	—	—	—	—	—	—	—	—	—
Nanticoke, Pa.	Sept. 19	12,616	4	—	—	1	—	—	—	1	—	—	—	—	—
Nashville, Tenn.	Sept. 18	80,865	—	6	2	9	—	4	1	4	—	—	—	—	—
Nebraska City, Nebr.	do.	7,200	1	—	—	—	—	—	—	—	—	—	—	—	—
Newark, N. J.	do.	246,070	100	32	13	9	—	15	1	8	4	—	2	—	2
New Bedford, Mass.	do.	63,442	23	6	1	3	1	9	—	—	—	—	—	—	—
Newburyport, Mass.	do.	14,478	6	—	—	—	—	—	—	—	—	—	—	—	—
New Orleans, La.	do.	278,104	121	38	16	14	1	3	1	9	1	—	—	—	1
Newport, Ky.	do.	28,301	9	—	2	—	—	—	—	2	—	—	—	—	—
Newton, Mass.	do.	33,587	—	2	2	—	—	—	—	—	—	1	—	2	—
New York, N. Y.	do.	3,437,202	1,284	501	132	276	24	58	4	206	16	82	7	52	17
Niagara Falls, N. Y.	do.	19,757	7	—	7	—	—	5	—	—	—	—	—	—	—
North Adams, Mass.	Sept. 18	24,200	5	1	—	6	—	—	—	—	—	1	—	—	—
Northampton, Mass.	do.	18,643	5	1	—	—	—	—	—	3	—	—	—	—	—
Oklahoma City, Okla.	Sept. 4	43,500	22	—	—	2	—	—	—	—	—	—	—	—	—
Do.	Sept. 11	43,500	12	—	1	4	—	—	—	—	—	—	—	—	—
Do.	Sept. 18	43,500	7	—	—	3	—	1	—	—	—	—	—	—	—
Orange, N. J.	do.	24,141	6	1	—	2	—	4	—	1	—	—	—	—	—
Ottumwa, Iowa.	do.	18,197	6	—	—	—	—	—	—	—	—	—	—	—	—
Peekskill, N. Y.	do.	10,348	3	—	—	—	—	2	—	—	—	—	—	—	—
Pittsburg, Pa.	Sept. 11	321,616	174	34	17	18	5	17	2	12	2	4	1	11	2
Do.	Sept. 18	321,616	138	31	3	31	2	25	2	10	2	2	—	3	2
Pittsfield, Mass.	do.	21,766	10	2	1	1	1	—	—	—	—	—	—	—	—
Philadelphia, Pa.	Aug. 28	1,293,697	408	78	57	55	5	20	—	42	8	11	1	8	2
Do.	Sept. 4	1,293,697	372	60	40	45	2	28	—	48	3	8	1	23	3
Plainfield, N. J.	Sept. 18	15,369	6	2	—	1	—	—	—	—	—	—	—	—	—
Plymouth, Pa.	Sept. 4	13,649	—	2	—	—	—	—	—	—	—	—	—	—	—
Do.	Sept. 11	13,649	—	3	—	—	—	—	—	—	—	—	—	—	—
Portland, Me.	do.	50,145	27	—	3	3	1	3	—	2	—	—	—	—	—
Do.	Sept. 18	50,145	19	—	2	6	—	1	—	2	—	—	—	—	—
Portsmouth, Va.	Sept. 14	17,427	6	—	—	11	—	2	1	2	—	—	—	—	—
Do.	Sept. 21	17,427	4	—	—	—	—	3	—	2	—	—	—	—	—
Providence, R. I.	Sept. 18	175,597	68	9	10	7	2	7	—	11	—	1	—	—	1
Reading, Pa.	Sept. 20	78,961	26	1	1	17	2	4	—	4	—	—	—	—	—
Rock Island, Ill.	Sept. 18	19,493	8	—	—	—	—	—	—	—	—	—	—	—	—
Saginaw, Mich.	Aug. 28	42,345	14	—	—	—	—	—	—	2	—	—	—	—	—
Do.	Sept. 4	42,345	17	1	1	—	—	1	—	1	—	—	—	—	—
Do.	Sept. 11	42,345	8	—	—	—	—	—	—	—	—	—	—	—	—
St. Louis, Mo.	Sept. 18	575,238	191	37	13	24	9	15	—	27	—	5	—	9	1
San Jose, Cal.	Sept. 11	21,500	8	—	—	—	—	—	—	—	—	—	—	—	—
Schenectady, N. Y.	do.	31,682	18	—	1	1	1	1	—	—	—	—	—	—	—
Somerville, Mass.	Sept. 18	61,643	21	2	2	1	—	4	—	7	—	—	—	—	—
South Bend, Ind.	do.	35,999	9	3	1	2	—	1	—	2	—	—	—	—	—
South Bethlehem, Pa.	do.	13,241	3	2	—	—	—	1	—	1	—	1	—	—	—
Springfield, Mass.	Sept. 11	62,059	12	2	2	—	—	2	—	4	—	—	—	3	—
Do.	Sept. 18	62,059	23	6	3	2	—	1	—	6	—	1	—	—	—
Springfield, Ohio.	Sept. 11	38,253	11	3	—	3	—	—	—	1	—	—	—	—	—
Do.	Sept. 18	38,253	11	4	2	2	—	1	—	—	—	—	—	—	—
Steelton, Pa.	do.	12,068	—	1	1	—	—	—	—	—	—	2	—	—	—
Superior, Wis.	do.	31,091	3	—	—	—	—	3	—	—	—	—	—	—	—
Tacoma, Wash.	Sept. 12	37,714	23	—	2	10	2	3	—	3	1	—	—	—	—
Taunton, Mass.	Sept. 18	31,036	10	—	—	5	—	1	—	—	—	—	—	—	—

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.
Terre Haute, Ind.....	Sept. 18	36, 673	12	1	2	1	3	1
Titusville, Pa.....	do.....	8, 244	3	2	1	1
Trenton, N. J.....	do.....	73, 307	7	6	1	1	2
Waltham, Mass.....	do.....	23, 481	12	1	4	1	1	2
Washington, D. C.....	Sept. 11	278, 718	116	20	17	27	7	11	2	1	15	1
Do.....	Sept. 18	278, 718	111	14	19	27	9	8	1	12	1
Weymouth, Mass.....	do.....	11, 324	2	1	2	1
Wheeling, W. Va.....	Sept. 11	38, 878	14	2	1	2	1	2	1	1
Wichita, Kans.....	do.....	24, 671	18	1	1	6	3	1
Do.....	Sept. 18	24, 671	11	7	1	2
Wilkes-Barre, Pa.....	Sept. 17	51, 721	24	7	2	4	1	3	2	3
Wilksburg, Pa.....	Sept. 14	13, 000	2	1	1	1
Do.....	Sept. 21	13, 000	4	1
Williamsport, Pa.....	Sept. 18	28, 757	5	1	3	1
Wilmington, Del.....	do.....	76, 508	21	1
Woburn, Mass.....	do.....	14, 254	7	3	1
Worcester, Mass.....	Sept. 11	118, 421	40	4	1	8	2	10	1	1	1
Yonkers, N. Y.....	Sept. 16	47, 931	26	12	1	2	4	3
York, Pa.....	Sept. 11	33, 708	2	2	2
Do.....	Sept. 18	33, 708	1	1	1
Zanesville, Ohio.....	do.....	23, 538	5	9	1

FOREIGN AND INSULAR.

AUSTRALIA.

Quarantine law declared in force.

The following information is received from Consul Jewell at Melbourne under date of July 14:

By proclamation of the governor-general of the Commonwealth of Australia dated May 26, 1909, the quarantine act of March, 1908, was made effective from July 1, 1909. The act provides for measures against the ingress and egress from vessels of rats and mice; the destruction of rats, mice, and other vermin; precautions against the introduction of vermin from infected places; examination of crews and passengers to ascertain present and previous condition of health and investigation of the sanitary conditions under which the vessel has made the current voyage, and special measures to be applied to vessels arriving from plague-infected ports.

BARBADOS.

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

Acting Assistant Surgeon Urquhart reports, September 11:

Week ended September 11. Bills of health issued to 7 vessels, having a total of 561 members of crews and 52 passengers. One vessel was 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—Small-pox.

Acting Assistant Surgeon Stewart reports, August 21:

Week ended August 21. Vessels inspected and issued bills of health: August 16 the Norwegian bark *Miranda*, for Mobile, in stone and sand ballast, with no passengers, and with 11 new members of crew signed on in this port; on the same date the Norwegian bark *Rona*, for Gulfport, in stone and sand ballast, with no passengers, and with 2 new members of crew signed on in this port; August 18 the British steamship *Voltaire*, for New York, with cargo of coffee, and 12 cabin and 9 steerage passengers from this port, and with no change in the crew personnel; on the same date the British steamship *Herronspool*, for Tampa, in water ballast, with no passengers, and no change in the crew personnel; August 19 the German steamship *Corrientes*, for New York, with coffee cargo, 4 cabin and 6

steerage passengers, and no change in the crew personnel; August 20 the British steamship *Black Prince*, for New Orleans, with no passengers, and no change in the crew personnel, and with cargo of coffee; August 21 the British steamship *Craigearn*, for Pensacola, in water ballast, with no passengers, and with no change in the crew personnel, and on the same date the British steamship *Malinhead*, for Galveston, in water ballast, with no passengers, and no change in the crew personnel.

Week ended August 28. August 23 the British steamship *Tocantins*, for New Orleans, with coffee cargo, no passengers, and no change in the crew personnel; August 24 the British steamship *Susquehanna*, for New Orleans, with coffee cargo, with no passengers and with no change in the crew personnel; August 25, the British steamship *Eskside*, for New York, in water ballast, with no passengers, and with no change in the crew personnel and August 28 the British steamship *Celtic Princess*, for New Orleans, with coffee cargo, with no passengers, and with no change in the crew personnel. No other vessels left this port for the United States during the period covered by these reports.

Mortality—Smallpox.—Week ended August 22. Estimated population, 811,443. Census population, 1907, 628,675. Total deaths, 241. No deaths nor cases reported due to yellow fever or plague. Smallpox caused no deaths, but there were 3 new cases reported. At the close of the week there were in the Hospital São Sebastião 20 cases of smallpox under treatment.

BRITISH HONDURAS.

Reports from Belize, fruit port.

Acting Assistant Surgeon Mengis reports:

Week ended September 9. 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. 3	Belize.....	Mobile.....	18	2	0
4	Belvernon.....	New Orleans.....	23	0	0
6	Moldegaard.....	New York.....	22	0	0
7	Heredia.....	New Orleans.....	80	5	6
9	José.....	New York via Central American ports.	32	0	12

Week ended September 16. General sanitary condition of this port and the surrounding country during the week, very 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. 11	Dictator.....	New Orleans.....	25	0	3
14	Cartago.....	do.....	77	5	4

CHINA.

Report from Amoy—Inspection of vessels—Cholera and plague—Quarantine at Hongkong against Amoy removed.

Passed Assistant Surgeon Foster reports, August 16:

Week ended August 14. One bill of health issued. August 10 the British steamship *Taisang* with 68 in the crew and 20 cabin and 41 steerage passengers for Manila was granted an original bill of health. One Chinese cabin passenger was rejected for trachoma. The crew and steerage passengers were bathed and their clothing was disinfected by steam. All on board were inspected prior to sailing. Manifests were viséed for 1,287 pieces of freight.

During the week ended August 14 there were 52 deaths from plague and 12 from cholera in Amoy.

The government of Hongkong has removed the quarantine on vessels arriving from Amoy.

Report from Chefoo—Cholera.

Consul Fowler reports, August 28:

Cholera is prevalent. There have been 5 deaths among the European population.

Reports from Hongkong—Quarantine restrictions—Plague—Examination of emigrants—Inspection and fumigation of vessels.

Passed Assistant Surgeon McKeon reports, August 10 and 17:

Weeks ended August 7 and 14. Restrictions enforced by Hongkong remain as reported July 17. Restrictions enforced against Hongkong remain as reported July 17.

Quarantinable disease.—Week ended August 7. Plague 3 cases, 3 deaths.

Aliens for Honolulu and Pacific coast ports.—Week ended August 7. Examined 33, rejected 5. Week ended August 14. Examined 0.

Aliens for Philippine Islands.—Week ended August 7. Examined 11, rejected 2. Week ended August 14. Examined 8, rejected 6.

Inspection of vessels.—Week ended August 7, 9; week ended August 14, 10. Fumigated to destroy rats, week ended August 14, 4.

COSTA RICA.

Report from Limon, fruit port.

Acting Assistant Surgeon Harris reports:

Week ended September 6. Estimated population 8,000. 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. 1	Atenas.....	86	4	37	0
2	Helen.....	22	0	0	0
3	Karen.....	26	1 crew.	0	0
4	Heredia.....	80	a 7	3	0
4	Origen.....	32	b 8	0	0
4	Esparta.....	44	17	0	0
6	Grib.....	19	0	0	0
6	Siberia.....	60	47	0	0

a 5 to Barrios; 2 to New Orleans.

b Shipwrecked crew.

CUBA.

Report from Cienfuegos—Inspection of vessels—Sanitary conditions.

Acting Assistant Surgeon Suarez reports, September 13:

Week ended September 11.

Vessels inspected.....	3
Bills of health issued.....	3
Members of crews inspected.....	39

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

Report from Habana—Inspection of vessels—Water-deposit inspection—Stegomyia larvæ found.

Passed Assistant Surgeon Amessee reports, September 20:

Week ended September 18.

Bills of health issued.....	19
Vessels inspected.....	15
Members of crews of outgoing vessels inspected.....	734
Passengers of outgoing vessels inspected.....	443

Sanitary conditions continue fair. For the 20-day period ended September 10, there were reported by the local inspectors 122 deposits containing larvæ, of which 44 were collections of *Stegomyia*.

Report from Matanzas—Inspection of vessels—Vaccination.

Acting Assistant Surgeon Nuñez reports, September 20:

Week ended September 18. Bills of health granted to 2 vessels clearing for United States ports; 2 certificates of vaccination issued, and 7 first-class passengers sailing from this port to New Orleans direct were inspected and passed.

No quarantinable diseases reported in this district.

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

Acting Assistant Surgeon Wilson reports, September 15:

Week ended September 11. Bills of health issued to 5 vessels bound for the United States and its dependencies. No vessel disinfected. No quarantinable disease reported.

The sanitary department reports 2,995 inspections of houses and the finding of larvæ in 7 water deposits.

GREAT BRITAIN.

Report from Liverpool—Measures against the introduction of cholera from Rotterdam.

Consul Washington reports, August 31:

The following statement from the Liverpool health authorities was received in response to an inquiry from this office as to what measures were being taken at Liverpool with regard to the cholera outbreak at Rotterdam. The inquiry was made on account of the number of third-class passengers from Rotterdam proceeding to Liverpool to join vessels bound for the United States. The precautions mentioned will be continued until Rotterdam is declared free from cholera.

The master of a vessel arriving from Rotterdam is required to give notice of the fact to the port sanitary authority, and a medical examination of passengers and crew is made. The names and addresses of passengers and crew are taken, and they are daily visited at their homes. Any case of sickness that may arise is immediately reported, and a doctor of the official staff is sent to examine and report on the case.

When a passenger, or a member of the crew, on an incoming vessel from Rotterdam desires to proceed out of Liverpool his name and address are taken and reported to the medical officer of health of the town or district to which he intends to proceed. In like manner, persons arriving at other ports and proceeding to Liverpool are reported to the medical officer of health, who treats them in the same way as though they had arrived direct at Liverpool.

GUATEMALA.

Report from Puerto Barrios, fruit port—Stegomyia calopus present.

Acting Assistant Surgeon Ames reports:

Week ended September 11. Present officially estimated population, 350. General sanitary condition of this port and the surrounding country during the week, good. *Stegomyia calopus* 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. 6	Heredia.....	New Orleans via Belize.....	80	1	3
9	Dictator.....	do.....	25	0	3
10	Jose.....	New York via Republic of Panama.	26	2	4

Temperature taken of all persons on steamships *Heredia* and *Dictator* day of sailing.

HONDURAS.

Reports from Puerto Cortez, fruit port.

Acting Assistant Surgeon Wailes reports as follows:

Week ended September 8. Present officially estimated population, about 2,500. General sanitary condition of this port and the surrounding country, 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. 2	Utstein.....	17	0	0	0
8	Harald.....	20	0	0	0
8	Mercator.....	18	4	0	0
8	Dictator.....	20	2	0	0

Week ended September 16. General sanitary condition of this port and the surrounding country, 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	Harald.....	18	7	0	0
16	Belvernion.....	19	1	0	0
15	Utstein.....	17	2	0	0

Reports from Tela, fruit port.

Acting Assistant Surgeon Roe reports:

Week ended September 4. 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.
Aug. 29	Viator.....	New Orleans.....	17	0	0

Week ended September 11. 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. 11	Colombia.....	Mobile.....	18	1	0

INDIA.

Report from Calcutta—Transactions of service—Cholera, plague, and smallpox—Summary of plague in Bengal and India.

Acting Assistant Surgeon Allan reports, August 19:

Week ended August 14. Bills of health issued to the steamship *Drumgeith* bound for Philadelphia and New York with a total crew of 58 and to the steamship *Barenfels* bound for Boston and New York with a total crew of 71.

Week ended August 21. Bills of health issued to the steamship *Ganges*, bound for Demerara and Habana, with a total crew of 86 and 1 European and 855 native passengers, and to the steamship *Clan MacPherson*, bound for Boston and New York, with a total crew of 63.

The usual precautions were taken, holds fumigated, rat guards placed on wharf lines, and Asiatics' effects disinfected.

During the week ended August 14 there were 7 deaths from cholera and 18 from plague in Calcutta; in Bengal, 24 cases of plague, and 30 deaths; in India, 1,659 cases of plague, with 1,251 deaths.

ITALY.

Report from Naples—Inspection of vessels—Examination of emigrants—Smallpox in Naples—Smallpox case among passengers for steamship Taormina.

Surgeon Geddings reports, September 6:

Vessels inspected at Naples and Palermo week ended September 4.

NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Sept. 1	Venezia.....	New York.....	307	60	480
1	Europa.....	do.....	784	80	750
1	Uitonia.....	do.....			
2	Duca degli Abruzzi.....	do.....	782	150	920
2	Principe di Piemonte.....	do.....	450	60	560
3	Berlin.....	do.....	673	110	950
4	Taormina.....	Philadelphia.....	504	130	750
4	Cretic.....	New York.....	924	180	970
	Total.....		4,424	770	5,390

PALERMO.

Sept. 3	Principe di Piemonte.....	New York.....	222	300	75
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Rejections recommended.

NAPLES.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Suspected favus.	Small-pox.	Other causes.	Total.
Sept. 1	Venezia.....	10	1	2				13
1	Europa.....	15		10			5	30
1	Ulfonia.....							
2	Duca degli Abruzzi...	12	2	3			3	20
2	Principe di Piemonte.	17	1	6			10	34
3	Berlin.....	13	2	8	1		4	28
4	Taormina.....	9	1	1	1	1	6	19
4	Cretic.....	15	3	5			13	36
	Total.....	91	10	35	2	1	41	180

PALERMO.

Sept. 3	Principe di Piemonte.	15	9	2	26
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Smallpox in Naples.—During the week ended September 5, 9 cases of smallpox with 5 deaths were reported at the health office of the city of Naples.

A case of smallpox was discovered at the examination of the steerage passengers for the steamer *Taormina* September 4. The patient was transferred to the Cotugno hospital for contagious diseases. Four contacts were returned to their boarding house and placed under observation. The contacts were vaccinated and their quarters disinfected.

JAPAN.

Reports from Yokohama—Inspection of vessels—Examination of emigrants, month of August, 1909—Summary of plague—Plague rats at Kobe.

Acting Assistant Surgeon Worden reports, September 1:
Week ended August 28. Bills of health issued to 6 vessels.

Summary of examination of emigrants and inspection of vessels, month of August, 1909.

During the month of August 133 alien passengers from this port were examined, of whom 4 were refused, 31 held for diagnosis, and 98 passed; 134 steerage passengers and 8 members of crews were bathed, and 263 pieces of baggage were disinfected; 85 persons were certified from Yokohama. Three sailing vessels were inspected, with an aggregate of 566 saloon and 2,089 steerage passengers, and 2,592 members of crews.

Plague.—From April 30 to July 12 there were 28 cases of bubonic plague in this port, of which 23 were fatal. Fifteen cases were of persons suffering from the disease in their own houses, 1 of whom died just prior to removal to hospital, and 8 were in hospital.

A plague-infected rat was found in the Kobe municipal office a few days ago, and one in the compound of the Hyogo prefectural office, Kobe, August 24.

Notice has been sent out by the authorities that a general cleaning will be undertaken throughout all Yokohama in September under the charge of the sanitary bureau.

The sanitary condition of Yokohama is good.

Doctor Worden further reports:

Summary of dysentery, enteric fever, plague, and smallpox in Japan from January to July 10, 1909.

Dysentery.—From January of this year to July 10 there were 1,398 cases and 220 deaths. Most of the cases are reported from Aichi-ken, where there were 165 cases, with 22 deaths; 33 cases occurred in the cities and 132 cases in the rural districts. Kumamoto-ken comes next in number of cases, viz, 119 cases, with 18 deaths; 3 in the city and 116 in the rural districts. Cases were reported from all the prefectures except Saga and Miyagi. During the same period in 1908, January to July 10, 6,596 cases, with 1,565 deaths, were reported. A great decrease is thus shown over last year.

Dysentery is prevailing at present in Tokushima, Shikoku Island.

Enteric fever.—During the same period, January to July 10, of the current year 6,441 cases, with 1,466 deaths, were reported in all Japan. Tokyo had 530 cases in the city and 131 in the suburbs, with 91 deaths. In Fukuoka-ken 59 cases were reported in the cities and 808 in the rural districts, aggregating 367 in the prefecture, with 76 deaths. The smallest number, only 2 cases, with 1 death, was reported from Okinawa-ken.

Plague.—The last case of plague was reported from the province of Iyo, Shikoku Island, August 24. The governor of the prefecture has informed the home department that this case is determined as positive upon bacteriological proof. He also reports detection of some infected rats. In Formosa 1,016 cases have been reported during this year.

Smallpox.—Ninety-nine cases, with 25 deaths, were reported from all Japan. Of these 44 cases, with 12 deaths, were in Okinawa-ken. During the same period of last year there were 18,043 cases, with 5,982 deaths, reported from all Japan.

Examination of emigrants.

Number of emigrants per steamship *Nikko Maru*, for Manila, August 21: Examined 22, rejected 1, held 7.

Per steamship *Asia*, for Honolulu and San Francisco, August 28: For Honolulu, held 7; for San Francisco, held 2.

Per steamship *Kaga Maru*, September 1, for Seattle, Wash.: Rejected 2; held for observation, 4.

Report from Kobe—Inspection of vessels—Examination of emigrants—Plague—Cholera at Amagasaki.

Acting Assistant Surgeon Knight reports, August 25:

Week ended August 21. Supplemental bills of health granted to 2 steamships.

There were inspected 657 steerage passengers, and 8 steerage passengers were bathed and disinfected; their effects were disinfected

by steam. The number of pieces of baggage steamed was 20 and bedding 16. Manifests were viséed for 20,917 pieces of freight, amounting to 1,620 tons.

Emigrants examined: Per steamship *Chiyo Maru* for Honolulu, passed 8, recommended for rejection 38; for San Francisco, passed 0, recommended for rejection 0.

During the week 66 cases of human hair and 15 cases chicken feathers were disinfected with formalin.

The official return of infectious diseases for the week shows 1 case with 1 death of plague in Kobe.

At Amagasaki 4 cases of cholera were reported. The city of Amagasaki is situated about 14 miles east of Kobe.

MEXICO.

Report from Coatzacoalcas—Inspection and fumigation of vessels.

Acting Assistant Surgeon Thompson reports, September 17:

Week ended September 15. Three vessels inspected. Of this number 1 was fumigated. No illness occurred on any of these vessels while in port.

Report from Progreso—Inspection and fumigation of vessels—Yellow fever at Merida.

Acting Assistant Surgeon Stowe reports, September 18:

Week ended September 16.

Vessels dispatched.....	3
Vessels fumigated.....	1
Members of crews.....	129
Passengers from Progreso.....	28

Sanitary conditions showed no important change at Progreso. but at Merida 1 new case of yellow fever was reported.

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

Acting Assistant Surgeon Stowe reports, September 16:

Week ended September 15.

Vessels inspected and passed.....	3
Bills of health issued.....	3
Members of crews of outgoing vessels inspected.....	83
Passengers of outgoing vessels inspected.....	0
Vessels fumigated prior to sailing.....	1

No case of quarantinable disease occurred during the week. Sanitary condition of port and surrounding country, good.

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

Acting Assistant Surgeon Carter reports, September 13:

Week ended September 12.

Bills of health issued.....	8
Vessels fumigated.....	6
Vessels inspected.....	2
Passengers inspected.....	120
Members of crews inspected.....	431

The sanitary conditions of Veracruz remain good. No contagious disease was reported during the week.

Fatal case of yellow fever from steamship Mexican from Progreso.

Doctor Carter further reports:

September 24. One yellow fever death reported to-day verified by autopsy. Arrived last night on steamship *Mexican* from Progreso. All precautions taken.

NETHERLANDS.

Report from Rotterdam—Inspection of vessels—Status of cholera in Rotterdam—Cholera carriers.

Assistant Surgeon Wollenberg reports, September 11:

Week ended September 11. Bills of health issued to the following-named vessels: September 6, steamship *Euxinia*, with cargo for Philadelphia; September 8, steamship *Amsteldyk*, with cargo for Baltimore; September 11, steamship *Nieuw Amsterdam*, with passengers and cargo for New York; September 11, steamship *Niagara*, in water ballast for New York.

No emigrants from Rotterdam have embarked. All Russians have been under five days' observation. All emigrants' effects disinfected. Crews have been inspected on deck, after being held on board while vessels were in port. No ballast water taken on at Rotterdam.

STATUS OF CHOLERA.

ROTTERDAM.—The city is to-day declared free of cholera. All patients have been discharged. During the week one death occurred among cases previously reported. During the outbreak, since August 20, there has been a total of 34 cases, with 15 deaths.

As previously reported, of the 188 contacts held under observation during the last 3 weeks, 8 were found to be "bacillus carriers." Though 2 became slightly ill, 6 remained in good health; in all, however, there were a few more stools than normally. These persons harbored the cholera-vibrio for periods varying from 5 to 12 days after coming under observation.

In view of the discovery of "bacillus carriers" here, it is believed to be probable that the disease was brought to Rotterdam by a similarly affected person from one of the several Russian ships that have recently been in port, since the voyage from Russia is made in from 3 to 5 days. Various means have been suggested for the prevention of infection in this manner, but as yet nothing practical has been determined.

NICARAGUA.

Report from Bluefields, fruit port.

Acting Assistant Surgeon Layton reports:

Week ended September 9. Present officially estimated population, 2,500. General sanitary condition of this port and the surrounding country during the week, good.

Original 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. 5	Marietta di Georgio	New Orleans.....	19	15	0
6	Tacoma.....	Limon	293	0	0

Temperature of all on board the *Marietta di Georgio* taken day of sailing.

RUSSIA.

Report from Libau—Status of cholera in Russia—Examination of emigrants.

Acting Assistant Surgeon De Forest reports, September 4:
Week ended September 3.

Cholera in Russia.

Date.	Place.	Cases.	Deaths.
Aug. 28-Sept. 3.....	St. Petersburg.....	171	82
	Riga.....	33	15
	Jaroslav.....	26	12
	Vitebsk (since beginning of epidemic 508 cases, 200 deaths).....	15	4
	Rubinsk.....	23	14
	Polotzk.....	14	1
	Kostroma.....	6	3
	Government of Novgorod.....	30	11
	Government of Jaroslav since beginning of epidemic.....	238	123
	Tver—District Novytorshok.....	2	—
	Tver—District Korlscheva.....	13	—
	Poltava—District Chorol.....	11	8
	Poltava—District Gadjatsch.....	3	2
	Krementschug.....	8	4
	Archangel.....	9	5
	Alexandrovsk.....	1	1
	Katerinenburg.....	2	—
	Kem.....	5	4
	Vologda.....	11	9
	Novoalexandrovsk.....	5	2
	Hungerburg.....	3	1
	Mohilev.....	4	3
	Fern.....	3	2
	Kräusholm.....	2	2
	Joachimstal.....	3	2
	Romanovo Borrissojljebsk.....	4	2
	Merzendorf.....	2	2
	Drissa.....	14	6
	Cronstadt.....	1	—
	Courland—	—	—
	Mitau.....	13	9
	Bauskesch.....	1	—
	Tukum.....	3	2
	Friedrichstadt.....	4	1
	Jacobstadt.....	5	—
	Illuxt.....	79	13

The steamship *Estonia* sailed from Libau August 31 with 719 passengers and a crew of 93. All passengers and members of crew had been in Libau for 5 days. Baggage disinfected, 268 pieces. No quarantinable diseases exist in Libau.

Report from St. Petersburg—Outbreak of pneumonic plague in the Ural district.

The following is received from Minister Riddle through the Department of State:

Several cases of pneumonic plague occurred in the month of July in the village of Iltoç, at a distance of 140 versts from the city of Ouralsk, with a total of 22 deaths.

The necessary measures of disinfection and isolation have been taken by the competent medical authorities, and since July 31 there have been no further cases.

RUSSIA IN ASIA.

Report from Vladivostok—Cholera.

The following is received from the Department of State, under date of September 23:

American consul at Vladivostok cables "Cholera."

ST. LUCIA ISLAND.

Reports from Castries—Inspection and fumigation of vessels—Sanitary conditions.

Acting Assistant Surgeon Maylie reports, August 23 and 30 and September 6:

Week ended August 21. Vessels inspected 7, fumigated 6.

Week ended August 28. Vessels inspected 10, fumigated 8.

Week ended September 4. Vessels inspected 13, fumigated 11.

SUMATRA.

Epidemic cholera in the district of Djambi.

Consul Rairden, at Batavia, Java, reports, August 9:

Cholera has been officially declared epidemic in the district of Djambi, East Sumatra, there having been 170 cases and 78 deaths during the last 15 days of July. This disease is confined to the natives, no cases having been reported among the Europeans.

ZANZIBAR.

Report from Zanzibar—Examination of rats for plague infection.

Consul Garrels reports, August 21 and 22:

Week ended August 14. Number of rats received and examined, 1,236; no infection found. Week ended August 31. Rats received and examined, 1,167; no infection found.

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

AFRICA—Sierra Leone.—Month of June, 1909. Estimated population, 40,000. Total number of deaths, 106.

Month of July, 1909. Total number of deaths, 109. No deaths from contagious diseases.

ALGERIA—Algiers.—Month of August, 1909. Estimated population, 155,000. Total number of deaths, 272, including enteric fever 3, smallpox 4, typhus fever 5 (imported from country districts), whooping cough 1, and 60 from tuberculosis.

Bona.—Month of August, 1909. Estimated population, 42,000. Total number of deaths, 98, including enteric fever 1, scarlet fever 1, smallpox 8, typhus fever 3, and 12 from tuberculosis.

ARGENTINA—Buenos Aires.—Month of June, 1909. Estimated population, 1,204,007. Total number of deaths, 1,627, including diphtheria 4, enteric fever 17, measles 2, scarlet fever 6, smallpox 15, whooping cough 2, and 154 from tuberculosis.

AUSTRALIA.—State of South Australia.—Eight weeks ended July 24, 1909. Estimated population, 394,692. Total number of deaths, 567, including diphtheria 1, enteric fever 6, whooping cough 3, plague 1, and 55 from tuberculosis.

Adelaide.—Eight weeks ended July 24, 1909. Estimated population, 40,185. Total number of deaths not reported. One death from enteric fever, 1 from plague, and 14 deaths from tuberculosis reported.

State of Victoria.—Four weeks ended June 30, 1909. Estimated population, 1,273,313. Total number of deaths not reported. Three deaths from diphtheria, 12 from enteric fever, and 7 from scarlet fever reported.

Four weeks ended July 28, 1909. Nine deaths from diphtheria, 2 from enteric fever, and 4 from scarlet fever reported.

Melbourne.—Six weeks ended June 29, 1909. Estimated population, 549,200. Total number of deaths not reported. Two deaths from diphtheria, 2 from enteric fever, and 4 from scarlet fever reported.

Four weeks ended July 28, 1909. Seven deaths from diphtheria, 1 from enteric fever, and 2 from scarlet fever reported.

CANADA—Yarmouth.—Month of August, 1909. Estimated population, 6,700. Total number of deaths, 6. No contagious diseases.

CUBA—Matanzas.—Twenty days ended September 10, 1909. Estimated population, 36,009. Total number of deaths, 39, including measles 1 and 10 from tuberculosis.

Sagua la Grande.—Month of August, 1909. Estimated population, 28,030. Total number of deaths, 57. No contagious diseases reported.

DUTCH GUIANA—*Paramaribo*.—Month of August, 1909. Estimated population, 34,982. Total number of deaths, 107. No contagious diseases reported.

FORMOSA.—Two weeks ended August 7, 1909. Estimated population, 3,108,723. Total number of deaths reported, 12, including 8 from enteric fever.

FRANCE—*Calais*.—Month of August, 1909. Estimated population, 80,000. Total number of deaths, 97, including 22 from tuberculosis.

Marseille.—Month of August, 1909. Estimated population, 517,498. Total number of deaths, 870, including diphtheria 7, enteric fever 38, measles 13, scarlet fever 2, smallpox 1, whooping cough 3, and 103 from tuberculosis.

St. Etienne.—Two weeks ended August 31, 1909. Estimated population, 150,000. Total number of deaths, 119, including enteric fever 1 and 16 from tuberculosis.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 76 great towns in England and Wales during the week ended August 28, 1909, correspond to an annual rate of 12.9 per 1,000 population, which is estimated at 16,445,281.

London.—One thousand one hundred and fifty-three deaths were registered during the week, including measles 12, scarlet fever 6, diphtheria 5, whooping cough 15, tuberculosis 158, enteric fever 1, and 159 from diarrhea. The deaths from all causes correspond to an annual rate of 12.4 per 1,000. In Greater London 1,596 deaths were registered. In the "outer ring" the deaths included 5 from measles, 1 from scarlet fever, 7 from diphtheria, and 4 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended August 28, 1909, in the 21 principal town districts of Ireland was 18.1 per 1,000 of the population, which is estimated at 1,142,308. The lowest rate was recorded in Wexford, viz, 4.7, and the highest in Clonmel, viz, 25.6 per 1,000.

Scotland.—The deaths registered in 8 principal towns during the week ended August 28, 1909, correspond to an annual rate of 12.7 per 1,000 of the population, which is estimated at 1,839,038. The highest rate of mortality was recorded in Dundee, viz, 20.3, and the lowest in Leith and Perth, viz, 8.5 per 1,000. The aggregate number of deaths registered from all causes was 454, including diphtheria 2, enteric fever 1, measles 3, scarlet fever 3, and 7 from whooping cough.

MALTA.—Five weeks ended August 28, 1909. Estimated population, 212,888. Total number of deaths, 510, including enteric fever 6, whooping cough 4, and 21 from tuberculosis.

MAURITIUS—*Port Louis*.—Month of June, 1909. Estimated population, 374,237. Total number of deaths 1,053, including diphtheria 2, enteric fever 5, measles 1, plague 3, and 56 from tuberculosis.

RUSSIA—*Libau*.—Period from July 14 to August 13, 1909. Estimated population, 10,000. Total number of deaths not reported.

One death from diphtheria, 2 deaths from measles, 8 deaths from scarlet fever, and 1 death from whooping cough reported.

SPAIN—*Madrid*.—Month of August, 1909. Estimated population, 595,586. Total number of deaths 1,262, including diphtheria 9, enteric fever 13, measles 5, scarlet fever 4, smallpox 114, typhus fever 50, and 145 from tuberculosis.

WEST INDIES—*Curaçao*.—Three weeks ended September 10, 1909. Estimated population, 30,000. Total number of deaths, 29. No contagious diseases.

St. Thomas.—Three weeks ended July 30, 1909. Estimated population, 11,012. Total number of deaths, 20. No deaths from contagious diseases. Four weeks ended August 31, 1909. Total number of deaths, 13. No deaths from contagious diseases.

ST. VINCENT ISLAND.—Seven weeks ended August 28, 1909. Estimated population, 51,779. Number of deaths not reported. No contagious diseases reported.

TURKS ISLANDS.—Seven weeks ended September 11, 1909. Estimated population, 1,800. Total number of deaths, 4. No contagious diseases.

Cockburn Harbor.—Four weeks ended September 11, 1909. Estimated population, 800. One death. No contagious diseases.

Salt Cay.—Four weeks ended September 11, 1909. Estimated population, 450. One death. No contagious diseases.

VENEZUELA—*State of Tachira*.—Month of April, 1909. Census population, 105,866. Total number of deaths, 300, including enteric fever 6, whooping cough 20, and 21 from tuberculosis. Month of May, 1909. Total number of deaths 298, including enteric fever 5, whooping cough 29, and 18 from tuberculosis.

Cholera, yellow fever, plague, and smallpox, from June 26 to October 1, 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. 14.....		122	Among Europeans.
Chefoo.....	Aug. 28.....		5	
Hankow.....	July 17-Aug. 9.....	5	3	
Kang Thau.....	Apr. 1-June 30.....	4	2	
Shanghai.....	July 26-31.....	3	1	On s. s. Hudson; Aug. 7, still present among foreigners and natives.
Swatow.....	May 11-29.....			Present in vicinity.
Germany:				
Königsberg.....	July 21.....		1	
India:				
Bombay.....	May 30-Aug. 24.....		301	
Calcutta.....	May 16-Aug. 14.....		402	
Madras.....	May 29-Aug. 13.....		6	
Negapatam.....	May 8-14.....		4	
Rangoon.....	May 16-Aug. 14.....		39	

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

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Indo-China:				
Saigon.....	May 9-July 24.....	23	17	
Japan:				
Amagasaki.....	Aug. 14-21.....	4		
Kagawa, prefecture.....	Aug. 8-14.....	7		
Kobe.....	Sept. 13.....			Present, and July 31, 1 case in vicinity.
Java:				
Batavia.....	Sept. 21.....			Present.
Manchuria:				
Dalny.....	Aug. 11.....	1		On s. s. Kobe Maru.
Netherlands, The.....	Aug. 20-Sept. 4.....			5 deaths among boatmen from Rotterdam.
Amsterdam.....	Sept. 10.....	1		
Breda.....	Aug. 30-Sept. 4.....	1		
Dirksland.....	Sept. 10.....	1		
Dordrecht.....	Aug. 30.....			Present.
Gorinchem.....	Aug. 30-Sept. 4.....	1		
Middleburg.....	Sept. 4.....	1		
Rotterdam.....	Aug. 20-Sept. 11.....	34	15	
Tholen.....	Sept. 4.....	1		
Uithorn.....	Aug. 30-Sept. 4.....	1		
Utrecht.....	Sept. 4.....	1		
Vlaardinger.....	Sept. 4.....	1		
Philippine Islands:				
Manila.....	July 11-31.....	2	2	Fourth quarter 1908, 308 cases and 190 deaths; first quarter 1909, 1 death (imported).
Provinces.....				Fourth quarter 1908, 7,330 cases and 4,292 deaths; first quarter 1909, 2,221 cases and 1,405 deaths.
Albay.....	June 27-Aug. 7.....	321	237	
Ambos Camarines.....	July 4-Aug. 7.....	210	151	
Bulacan.....	July 4-Aug. 7.....	69	50	
Cagayan.....	July 11-Aug. 7.....	191	96	
Cebu.....	May 16-July 31.....	48	22	
Dapitan.....	May 9-15.....			Present.
Iloilo.....	May 23-June 19.....	28	18	
Isabella.....	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. 7.....	181	114	
Pampanga.....	May 9-Aug. 7.....	371	262	
Pangasinan.....	June 13-19.....	1		
Rizal.....	July 25-31.....	1	1	
Samar.....	May 9-July 10.....	42	26	
Sorsogon.....	May 9-15.....	8	2	
Tarlac.....	July 4-Aug. 7.....	8	7	
Russia.....				July 23 present in Kreutzburg, Mahigraben, Muravjevo, Pinnega, Radsiwilischki, Reval, Schaulen, and Tver.
Archangel.....	June 26-Sept. 3.....	316	179	
Baku, government.....	July 4-10.....	1		
Chmalysk, district.....	July 1.....	1		
Courland.....	July 5-Sept. 3.....	138	47	
Cronstadt.....	June 30-Sept. 3.....	60	25	
Drissa.....	July 23-Sept. 3.....	27	14	
Estonia, government.....	July 1-Aug. 21.....	4	3	
Finland, general.....	July 16.....	1		
Mariengam.....	June 23-24.....	1	1	
Viborg.....	July 9-16.....	1		
Gadjatschsk.....	Aug. 13-Sept. 3.....	53	18	
Hungerburg.....	July 30-Sept. 3.....	3	1	
Jaroslaw.....	July 4-Sept. 3.....	238	123	
Kem.....	Aug. 8-Sept. 3.....	45	23	
Kharkov.....	Aug. 1-Sept. 3.....	20	10	
Kief.....	July 30.....			Present.
Kostroma.....	July 23-Sept. 3.....	13	6	
Kretsky, district.....	July 1.....	1		
Livonia.....	July 5-Aug. 21.....	85	41	
Mitau.....	July 15-Sept. 3.....	15	10	
Mohileve.....	Aug. 21-Sept. 3.....	7	6	
Moscow.....	July 9-Aug. 27.....	10	3	
Nishni Novgorod.....	July 4-Aug. 27.....	11	6	
Novgorod, government.....	July 4-Sept. 3.....	218	70	
Olonets, government.....	June 20-Aug. 14.....	11	7	

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

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Russia—Continued.				
Perm.....	Aug. 2-Sept. 3.....	19	8	
Polotsk.....	June 27-Sept. 3.....	357	121	
Poltava, government.....	Aug. 15-Sept. 3.....	31	15	
Pskov.....	July 1-Aug. 27.....	97	42	
Reval.....	Aug. 21-27.....	2		
Riga.....	July 1-Sept. 3.....	233	88	
Rjasin.....	June 24-July 16.....	3	3	
Rubinsk.....	July 30-Sept. 3.....	120	67	
Samara.....	Aug. 15-21.....	1		
Saratov.....	Aug. 15-27.....	4	1	
Simbirsk.....	July 13.....	2		
St. Petersburg, government.....	June 9-July 31.....	474	169	
St. Petersburg.....	June 2-Sept. 13.....	4,401	1,636	
Tver.....	Aug. 15-Sept. 13.....	19	1	
Viatka, government.....	July 6-24.....	2	2	
Vilna.....	July 11-Aug. 21.....	61	20	
Vitebsk, government.....	July 9-Sept. 13.....	619	213	
Vologda, government.....	May 31-Sept. 13.....	466	294	
Siam:				
Bangkok.....	Apr. 25-May 28.....	1		
Siberia:				
Vladivostok.....	Sept. 23.....			Present.
Straits Settlements:				
Singapore.....	May 9-June 5.....		18	
Sumatra:				
Djambi.....	July 15-31.....	170	78	Among natives.
Sweden:				
Stockholm.....	Aug. 12.....	1		Imported.

YELLOW FEVER.

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-Aug. 28.....	40	40	
Pernambuco.....	Apr. 15-July 31.....		10	
British Guiana:				
Suddle.....	July 22.....	1	1	35 miles from Georgetown.
Ecuador:				
Guayaquil.....	May 23-Aug. 21.....		43	
Mexico:				
Merida.....	June 5-Sept. 16.....	9	2	Sept. 11, 2 cases imported from the district of Acanceh.
Veracruz.....	Sept. 24.....	1	1	On S. S. Mexican.
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:				
Maquetia.....	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-July 10.....	2	1	
Chile:				
Antofagasta.....	May 9-30.....	13	5	July 10, 4 cases in the lazaretto.
Iquique.....	May 20-Aug. 10.....	19	8	Aug. 22, 4 cases in the lazaretto.
Magillones.....	May 4.....			Still present.

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

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Amoy.....	June 1-Aug. 14.....	.....	717	Epidemic. Do.
Canton.....	May 9-Aug. 7.....	325	211	
Chang-Foo.....	July 23.....	.....	.....
Chinchew.....	May 22.....	.....	.....
Eng-Ta-Tau.....	July 1-31.....	11	4	
Hongkong.....	May 2-Aug. 7.....	91	82	
Kang-be.....	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	
Swatow.....	May 16-July 19.....	.....	2	July 1, 200 cases still present in Touchowfu and Yin Shan.
Ecuador:				
Chunchi.....	June 1-30.....	3	1	
Duran.....	July 16-31.....	3	.....
Guayaquil.....	May 23-Aug. 28.....	.....	45	
Huigra.....	May 1-June 15.....	16	3	
Egypt:				
Alexandria.....	May 30-Aug. 19.....	12	9	
Port Said.....	May 29-Aug. 24.....	13	5	
Provinces—				
Assiout.....	May 14-Aug. 28.....	48	8	
Beherah.....	June 14-Aug. 15.....	36	14	
Galyoobeeyeh.....	June 2-Aug. 28.....	7	2	
Garbleh.....	June 2-Sept. 1.....	43	17	
Favyum.....	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. 19-20.....	1	1	The case arrived on the s. s. Korea, had been ill 11 days, and probably received infection at Hongkong.
Honolulu.....	July 20.....	1	.....
Olaa plantation.....	Aug. 20-22.....	3	2	
India:				
Bombay Presidency and Sind.....	May 16-Aug. 7.....	2,382	1,907	
Madras Presidency.....	May 16-Aug. 7.....	1,055	650	
Bengal.....	May 16-Aug. 7.....	829	717	
United provinces.....	May 16-Aug. 7.....	2,134	1,905	
Punjab.....	May 16-Aug. 7.....	7,063	6,064	
Burma.....	May 16-Aug. 7.....	1,004	952	
Central provinces, including Berar.....	May 16-Aug. 7.....	162	110	
Mysore State.....	May 16-Aug. 7.....	707	500	
Central India.....	July 18-Aug. 7.....	30	16	
Rajputana and Ajmer-Merwara.....	May 16-Aug. 7.....	998	834	
Kashmir.....	May 16-June 12.....	4	3	
Grand total.....	.....	16,369	13,658	
Indo-China:				
Saigon.....	May 9-July 31.....	74	71	
Japan:				
Formosa.....	May 23-July 17.....	223	156	In south and central parts. Sept. 13, again present.
Kobe.....	May 30-Aug. 21.....	13	9	
Osaka.....	July 4-10.....	1	1	
Shikoku, island.....	July 17-Aug. 3.....	3	1	
Tokyo.....	June 26.....	3	.....
Yokohama.....	May 25-Aug. 7.....	28	24	
Mauritius.....	Apr. 1-June 30.....	12	12	
Peru:				
Arequipa, department.....	May 8-July 29.....	11	2	Present. Do.
Chala.....	July 3-15.....	.....	.....
Mollendo.....	July 3-15.....	.....	.....
Cajamarca, department.....	May 8-July 15.....	20	6	Do.
Callao, department.....	May 8-Aug. 12.....	10	4	
Callao.....	June 20-Aug. 7.....	.....	.....
Ica, department.....	July 3-15.....	1	.....
Lambayeque, department.....	May 8-Aug. 12.....	18	11	
Eten.....	July 15.....	.....	.....	Do.
Libertad, department.....	May 8-Aug. 12.....	15	7	
Salaverry.....	July 15.....	.....	.....	Do.
Lima, department.....	May 8-Aug. 12.....	26	10	
Cerro Azul.....	July 15.....	.....	.....	Do.
Moquegua, department.....	July 16-29.....	6	2	
Ilo.....	July 15.....	.....	.....	Do.

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

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Peru—Continued.				
Pescadores Islands.....	June 27-July 3.....	4	.....	From s. s. Lodore.
Pura, department.....	June 18-Aug. 12.....	24	15	
Paíta.....	June 20-July 15.....	.....	.....	Present.
Russia:				
Kirgisenaul.....	Aug. 5-8.....	19	18	In the Ural district, to Aug. 14, 22 deaths.
Siam:				
Bangkok.....	Apr. 25-June 28.....	13	13	
Trinidad:				
Port of Spain.....	June 13-July 18.....	6	5	
Turkey in Asia:				
Adalia.....	June 25-July 29.....	5	3	
Beirut.....	June 25-July 4.....	1	.....	In Harrett Aryk.
Uruguay:				
Montevideo.....	May 1-June 30.....	.....	2	
Venezuela:				
Caracas.....	June 18-Aug. 16.....	13	3	
Zanzibar.....	July 14-26.....	1	1	

SMALLPOX.

Algeria:				
Algiers.....	May 1-Aug. 31.....	27	19	
Bona.....	June 1-Aug. 31.....	35	25	
Arabia:				
Aden.....	Aug. 3-9.....	.....	1	
Argentina:				
Buenos Ayres.....	Mar. 1-June 30.....	.....	31	
Rosario.....	Apr. 1-May 31.....	2	2	
Austria:				
Galicia.....	June 6-July 31.....	6	.....
Silesia.....	June 20-Aug. 7.....	17	.....
Belgium:				
Antwerp.....	July 18-24.....	4	.....
Brazil:				
Bahia.....	May 22-Aug. 27.....	56	22	
Pernambuco.....	Apr. 1-July 31.....	.....	65	
Rio de Janeiro.....	May 17-Aug. 22.....	74	29	
Santos.....	May 10-16.....	.....	1	
Sao Paulo.....	May 10-July 18.....	.....	12	
Canada:				
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.
Ceylon:				
Colombo.....	May 23-29.....	2	.....
Chile:				
Valparaiso.....	May 16-Aug. 14.....	.....	.....	Present.
Santiago.....	May 29-Aug. 21.....	.....	.....	Do.
China:				
Amoy.....	June 1-July 10.....	24	31	May 9-15; present.
Eng-Ta-Tau.....	July 1-31.....	9	.....
Hankow.....	Apr. 25-June 12.....	.....	.....	Present among natives.
Hongkong.....	May 2-June 26.....	16	12	
Kang Chau.....	Apr. 1-June 30.....	7	1	
Newchwang.....	Aug. 1-14.....	2	1	
Shanghai.....	May 10-Aug. 7.....	.....	8	Among natives.
Tientsin.....	June 27-July 3.....	4	2	
Egypt, general.....	Apr. 30-Aug. 12.....	1,363	319	
Alexandria.....	June 1-30.....	3	.....
Cairo.....	May 21-July 29.....	.....	14	
Suez.....	May 21-July 8.....	46	3	
Ecuador:				
Ensenada.....	Aug. 25.....	.....	.....	Epidemic.
Guayaquil.....	June 1-Aug. 10.....	3	.....	In July, 4 cases and 1 death in vicinity.
France:				
Marseille.....	June 1-30.....	.....	5	
Nantes.....	July 1-31.....	1	.....
Paris.....	May 23-Aug. 21.....	38	3	
Toulon.....	July 25-31.....	.....	1	
Germany, general.....	May 30-Aug. 28.....	21	.....
Gibraltar.....	Aug. 8.....	1	.....

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

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Great Britain:				
Cardiff.....	July 6.....	1	.....
Liverpool.....	June 21-26.....	2	.....	Case, June 22, from s. s. Canada.
India:				
Bombay.....	May 26-Aug. 24.....	.....	86	
Calcutta.....	May 16-Aug. 7.....	.....	126	
Madras.....	May 22-Aug. 6.....	.....	13	
Rangoon.....	May 12-Aug. 14.....	.....	28	
Indo-China:				
Saigon.....	May 9-Sept. 5.....	29	19	
Italy, general.....	May 31-Sept. 5.....	187	.....
Genoa.....	June 1-Aug. 15.....	13	.....
Naples.....	May 31-Aug. 29.....	276	46	
Ottiana.....	June 23.....	1	.....
Rome.....	Mar. 7-13.....	1	1	
Japan:				
Formosa.....	June 13-19.....	1	.....
Moji.....	June 6.....	1	.....	From s. s. Selja.
Osaka.....	Jan. 1-May 31.....	3	.....
Yokohama.....	June 1-7.....	1	.....
Java:				
Batavia.....	May 6-Aug. 14.....	21	.....
Mauritius:				
Port Louis.....	Apr. 1-30.....	1	1	
Mexico:				
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. 5.....	.....	25	
Veracruz.....	June 1-Sept. 6.....	12	4	Aug. 12; 6 cases imported from Medellin.
Newfoundland:				
St. Johns.....	Sept. 4.....	3	.....
Norway, general.....	Apr. 1-May 30.....	3	.....
Panama:				
Canal Zone—				
Ancon.....	Mar. 1-31.....	1	.....	At Culebra Island quarantine station; from a vessel.
Persia:				
Khorassan.....	June 1-30.....	.....	.....	Epidemic.
Kurdistan.....	June 1-30.....	.....	.....	Do.
Meshed-i-Sur.....	June 1-30.....	.....	.....	Epidemic in vicinity.
Shiraz.....	May 1-31.....	.....	.....	Present.
Turbat-i-Haidari.....	May 1-31.....	.....	.....	Do.
Peru:				
Lima.....	July 4-10.....	1	.....	In the lazaretto.
Mollendo.....	Aug. 28.....	.....	.....	Present.
Philippine Islands:				
Manila.....	May 9-July 31.....	17	7	Fourth quarter, 1908, 28 cases and 8 deaths; first quarter, 1909, 55 cases and 16 deaths.
Portugal:				
Lisbon.....	May 30-Sept. 4.....	119	.....
Russia:				
Libau.....	May 6-Aug. 1.....	4	.....
Moscow.....	May 16-Aug. 28.....	341	105	
Odessa.....	May 30-Sept. 4.....	68	11	
Riga.....	June 6-Sept. 4.....	65	.....	May 1-June 30, 17 deaths.
St. Petersburg.....	May 16-Aug. 28.....	337	77	
Warsaw.....	Apr. 25-July 31.....	.....	17	
Siam:				
Bankok.....	Apr. 25-June 28.....	2	1	
Siberia:				
Vladivostok.....	May 15-June 3.....	4	1	
Spain:				
Barcelona.....	June 1-Sept. 4.....	.....	60	
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-Aug. 28.....	71	3	
Vigo.....	May 23-Sept. 4.....	.....	11	
Straits Settlements:				
Singapore.....	May 16-July 10.....	.....	2	
Switzerland:				
Aargau, canton.....	June 20-26.....	1	.....
Fribourg, canton.....	June 13-19.....	1	.....
Geneva, canton.....	May 30-June 26.....	9	.....

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

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Tripoli:				
Tripoli.....	May 23-Aug. 28...	84	17	Present in interior. Present. Do. Do.
Turkey in Asia.....	July 19.....			
Bagdad.....	May 9-Aug. 14.....			
Bassorah.....	May 23-June 26.....			
Hadjin.....	July 19.....			
Smyrna.....	May 7-Aug. 6.....		64	
Turkey in Europe:				
Constantinople.....	May 31-Aug. 1.....		8	
Uruguay:				
Montevideo.....	Apr. 1-June 30.....		10	

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. 4	181,918	—	—	—	—	—	—	—	—	—	1	—	2
Acapulco.	Aug. 21	5,000	6	—	—	—	—	—	—	—	—	—	—	—
Do.	Aug. 28	5,000	6	1	—	—	—	—	—	—	—	—	—	—
Do.	Sept. 4	5,000	7	1	—	—	—	—	—	—	—	—	—	—
Aguascalientes.	Sept. 5	40,000	70	1	—	—	—	—	—	—	—	—	1	1
Aix-la-Chapelle.	Aug. 21	160,148	79	1	—	—	—	—	—	—	—	1	8	3
Amoy.	Aug. 14	400,000	166	—	52	12	—	—	—	—	—	—	—	—
Amsterdam.	Sept. 4	565,394	111	14	—	—	—	—	—	—	—	1	8	3
Antwerp.	Aug. 28	323,921	89	5	—	—	—	—	—	1	—	—	5	—
Bahia.	Aug. 13	265,000	95	19	1	—	1	4	—	—	—	—	—	—
Do.	Aug. 20	265,000	85	16	1	—	1	1	—	—	—	—	1	—
Do.	Aug. 27	265,000	108	14	2	—	1	4	—	—	—	—	1	—
Baracoa.	Sept. 4	27,000	6	—	—	—	—	—	—	—	—	—	—	—
Barcelona.	do.	600,000	290	22	—	—	—	4	—	2	—	1	—	—
Belfast.	do.	386,576	119	12	—	—	—	—	—	—	—	—	—	2
Belgrade.	Aug. 28	80,000	—	—	—	—	—	—	—	—	2	—	—	—
Belize.	Sept. 9	9,113	3	—	—	—	—	—	—	—	—	—	—	—
Berlin.	Aug. 21	2,101,121	525	77	—	—	—	—	—	1	16	9	4	17
Birmingham.	Sept. 4	558,336	151	—	—	—	—	—	—	1	1	—	—	4
Bombay.	Aug. 24	977,822	582	47	33	49	—	4	—	3	—	—	2	—
Bremen.	Sept. 4	235,648	39	5	—	—	—	—	—	—	—	—	—	1
Breslau.	Aug. 28	335,186	232	28	—	—	—	—	—	—	—	3	4	1
Bristol.	Sept. 4	377,642	87	4	—	—	—	—	—	—	—	—	—	1
Brussels.	Aug. 28	704,975	189	13	—	—	—	—	—	2	3	1	3	3
Cairo.	Aug. 19	704,436	600	28	—	—	—	—	8	9	—	19	6	7
Do.	Aug. 26	704,436	538	31	—	—	—	—	—	6	—	21	7	—
Calcutta.	Aug. 14	847,796	388	40	18	7	—	—	—	—	—	—	2	—
Cartagena, Colombia.	Aug. 28	30,000	12	2	—	—	—	—	—	—	—	—	—	—
Do.	Sept. 4	30,000	8	—	—	—	—	—	—	—	—	—	—	—
Ceiba.	do.	6,500	3	—	—	—	—	—	—	—	—	—	—	—
Cienfuegos.	do.	37,000	19	—	—	—	—	—	—	—	—	—	—	—
Chemnitz.	Aug. 28	278,205	77	7	—	—	—	—	—	—	—	—	1	—
Coburg.	do.	23,322	7	—	—	—	—	—	—	—	—	—	—	—
Cologne.	do.	476,158	185	16	—	—	—	—	—	—	3	2	3	1
Colon.	Sept. 4	16,000	16	2	—	—	—	—	—	—	—	—	—	—
Do.	Sept. 11	16,000	11	2	—	—	—	—	—	—	—	—	—	—
Constantinople.	Aug. 29	1,000,000	245	38	—	—	—	—	—	16	—	—	—	—
Copenhagen a.	July 17	450,000	117	17	—	—	—	—	—	—	—	1	2	4
Do.	Aug. 21	450,000	100	12	—	—	—	—	—	—	2	1	1	2
Coquimbo.	Aug. 14	12,000	17	—	—	—	—	—	—	—	—	—	—	—
Do.	Aug. 21	12,000	9	—	—	—	—	—	—	—	—	—	—	—
Dalny.	do.	38,104	32	—	—	—	—	—	—	—	—	—	—	—
Damascus.	Aug. 28	250,000	b 52	—	—	—	—	—	—	—	—	—	—	—
Denia.	do.	12,431	5	—	—	—	—	—	—	—	—	—	—	—
Do.	Sept. 4	12,431	1	—	—	—	—	—	—	—	—	—	—	—
Dresden.	Aug. 28	545,900	130	13	—	—	—	—	—	—	—	—	1	2
Dundee.	Sept. 4	169,409	53	—	—	—	—	—	—	—	2	—	—	—
Durban.	Aug. 14	60,244	16	2	—	—	—	—	—	—	—	1	—	—

^a Received out of date.^b Estimated.

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.
Edinburgh.....	Sept. 4	355,366	96	6								2		4
Erfurt.....	Aug. 21	107,536	40	1						1		1		
Do.....	Aug. 28	107,536	56	1							1			
Fiume.....	July 24	50,811	28	8							1			
Do.....	July 31	50,811	20	10										1
Do.....	Aug. 7	50,811	24	5										
Do.....	Aug. 14	50,811	23	5										
Do.....	Aug. 21	50,811	26	3										
Flushing.....	Sept. 4	21,208	2											
Fort de France.....	Aug. 7	27,069	15											
Do.....	Aug. 14	27,069	12											
Do.....	Aug. 21	27,069	17											
Do.....	Aug. 28	27,069	12											
Frontera.....	do.....	9,000	1											
Do.....	Sept. 4	9,000	4											
Geneva.....	Aug. 21	121,500	33											
Ghent.....	Aug. 28	164,579	52	3									2	
Gibraltar.....	Sept. 5	26,830	4											
Glasgow.....	Sept. 10	782,021	234							1	3	6	1	1
Greenock.....	Sept. 4	72,300	20											
Guadalajara.....	Sept. 2	125,000	85											
Do.....	Sept. 9	125,000	77					1						
Halifax.....	Sept. 11	50,000	15	1										
Hamilton.....	Sept. 6	20,206	5											
Do.....	Sept. 13	20,206	4											
Havre.....	Aug. 28	132,430	71	11										
Hilo.....	do.....	3,500	6											
Do.....	Sept. 4	3,500		1						1				
Hongkong.....	July 31	315,616	4							1				
Do.....	Aug. 7	315,616	6		2					2				
Do.....	Aug. 14	315,616			3					3				
Hull.....	Sept. 4	275,552	80							1		1		3
Kobe.....	Aug. 21	380,717	277							1				
Do.....	Aug. 28	380,717	258							3				
Königsberg.....	do.....	239,100	92	8								1	3	1
Lausanne.....	Aug. 21	60,000	12											
Leeds.....	Sept. 4	480,000	131	7						2		3	3	1
Leith.....	do.....	85,721	20	2										1
Liège.....	Aug. 28	175,843	35	6									2	
Leipsic.....	do.....	537,686	193	15							1	3	1	2
Liverpool.....	Sept. 4	760,357	257	10								4	2	1
London.....	do.....	7,429,740	1,638							2	4	14	17	33
Manaos ^a	Apr. 17	52,000	32	1										
Do. ^a	Apr. 24	52,000	21											
Do. ^a	May 1	52,000	29	5			1							
Do. ^a	May 8	52,000	28	1										
Manchester.....	Sept. 4	543,969	184	22							1	1	1	
Mannheim.....	Aug. 21	183,770	70	11							1			
Magdeburg.....	Aug. 28	250,328	83							1		2		
Manzanillo.....	Sept. 11	1,700	1											
Mazatlan.....	do.....	22,000	33											
Monterey.....	Sept. 15	100,000	55	4						1				
Matamoros.....	Sept. 4	8,000	1	1										
Do.....	Sept. 11	8,000	1	1										
Montreal.....	do.....	389,837	146	16						3	3	1		
Moscow.....	Aug. 28	1,335,104	823	57				4		3	19	10	13	9
Nagasaki.....	Aug. 22	175,936	47											
Naples.....	Sept. 4	593,729	283					5						
Newcastle-on-Tyne.....	do.....	281,584	91	9										
Newchwang.....	Aug. 21	60,000	75											
Nottingham.....	Aug. 28	260,000	84											
Nuremberg.....	Aug. 14	316,180	111	11								1		1
Odessa.....	Aug. 28	520,000	254	19						5	19	2	6	
Do.....	Sept. 4	520,000	286	17						12	16		11	2
Paris.....	do.....	2,776,394	752	182						1		3	7	5
Port Elizabeth.....	Aug. 21	32,959	12	3								1		1
Port of Spain.....	Aug. 28	60,000	34	4						1				
Prague.....	do.....	229,965	93	24						1				
Queenstown.....	Sept. 4	7,684	4											
Rangoon.....	Aug. 14	252,155	201	9	27	2		1						

^a Received out of date.

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.
Riga.....	Sept. 4	350,000				19							
Rio de Janeiro.....	Aug. 22	811,443	241	49					1			1	1
Rome.....	Apr. 10	559,715	209	18					1	2		3	3
Do. a.....	Apr. 24	559,715	216	17					1			8	
Rotterdam.....	Sept. 11	414,951	96			1							
Santa Cruz de Tenerife.....	Aug. 28	46,000	2										
Santiago de Cuba.....	Sept. 11	53,614	24									1	
Schiedam.....	Sept. 12	31,863	7	3									
Sheffield.....	Aug. 28	472,000	130	12								2	
Do.....	Sept. 4	472,000	131	10									
Singapore.....	Aug. 7	260,000	193	29					1				1
South Shields.....	Aug. 28	117,627	39	2					1				
Do.....	Sept. 14	117,627	27	2									
Stockholm.....	Aug. 21	339,582	74	18						1		1	
Sunderland.....	Aug. 28	148,877	38	7									1
Do.....	Sept. 4	159,137	47	1									
Tarragona.....	do.....	20,400	7										
Tripoli.....	Aug. 14	42,000		2				1		3			
Do.....	Aug. 21	42,000		4				2					
Do.....	Aug. 28	42,000		2				2					
Trieste.....	do.....	217,706	103									1	
Turin.....	Aug. 27	381,439	117	22									3
Valencia.....	Aug. 28	240,000	88	7					4				
Do.....	Sept. 4	240,000	68	6									
Veracruz.....	do.....	32,000	33	9				1		2			
Vevay.....	Aug. 21	14,500	3										
Vienna.....	Aug. 28	2,064,037	574	90						5		1	
Victoria.....	Sept. 11	30,000	8										
Vigo.....	Sept. 4	40,000	14	3				1	2				
Warsaw.....	July 31	764,054	289	39				4	1	6	1	4	
West Hartlepool.....	Sept. 4	66,750	16										
Winnipeg.....	Sept. 11	122,000	26							1			
Yokohama.....	Aug. 23	392,870							1				
Do.....	Aug. 30	392,870							1				

a Received out of date.

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 1, 1909:

SMALLPOX—UNITED STATES.

	Date.	Cases.	Deaths.	Remarks.
District of Columbia:				
Washington.....	Sept. 11-18.....	2		
Illinois:				
Danville.....	do.....	1		
Massachusetts:				
Boston.....	do.....	1		
Missouri:				
St. Louis.....	do.....	1		
Ohio:				
Columbus.....	do.....	1		
Indiana (8 counties).....	July 1-31.....	61	2	
North Carolina (8 counties).....	do.....	50		

SMALLPOX—FOREIGN.

	Date.	Cases.	Deaths.	Remarks.
Brazil:				
Bahia.....	Aug. 6-27.....	18	9	
Rio de Janeiro.....	Aug. 15-22.....	3		
India:				
Bombay.....	Aug. 10-17.....		2	
Rangoon.....	Aug. 7-14.....		1	
Italy, general	Aug. 8-Sept. 5.....	18		
Naples.....	Aug. 29-Sept. 5.....	9	5	
Java:				
Batavia.....	Aug. 7-14.....	2		
Mexico:				
Guadalajara.....	Sept. 3-9.....		1	
Mexico City.....	Aug. 14-28.....		7	
Portugal:				
Lisbon.....	Aug. 28-Sept. 4.....	12		
Russia:				
Moscow.....	Aug. 21-28.....	5	4	
Odessa.....	do.....	11		
Riga.....	Aug. 28-Sept. 4.....	6		
Spain:				
Valencia.....	Aug. 21-28.....	1		
Vigo.....	Aug. 28-Sept. 4.....		1	
Tripoli:				
Tripoli.....	Aug. 7-28.....	26	5	

YELLOW FEVER—FOREIGN.

Brazil:				
Bahia.....	Aug. 6-27.....	3	2	
Mexico:				
Merida.....	Sept. 9-16.....	1		
Veracruz.....	Sept. 24.....	1	1	From steamship Mexican.

CHOLERA—FOREIGN.

China:				
Amoy.....	Aug. 7-14.....		12	
Chefoo.....	Aug. 28.....		5	Among Europeans.
India:				
Bombay.....	Aug. 10-17.....		43	
Rangoon.....	Aug. 7-14.....		2	
Japan:				
Amagasaki.....	Aug. 14-21.....	4		
Netherlands:				
Rotterdam.....	Sept. 4-11.....		1	
Russia, general	Aug. 28-Sept. 3.....	520	229	
Moscow.....	Aug. 21-28.....	1		
Riga.....	Aug. 28-Sept. 4.....	46	19	
St. Petersburg.....	do.....	171	82	
Sumatra:				
Djambi.....	July 15-31.....	170	78	

PLAGUE—UNITED STATES.

California:				
Alameda County.....	Sept. 24.....	1		

PLAGUE—FOREIGN.

Brazil:				
Bahia.....	Aug. 6-27.....	8	4	
China:				
Amoy.....	Aug. 7-14.....		52	
Canton.....	July 24-Aug. 7.....	15	12	
Hongkong.....	July 31-Aug. 7.....	3	3	
Ecuador:				
Guayaquil.....	Aug. 21-28.....		4	
Egypt, general	Aug. 19-Sept. 3.....	17	6	
Alexandria.....	Aug. 21.....	1	1	
Port Said.....	Aug. 20-24.....	1	2	

PLAGUE—FOREIGN—Continued.

	Date.	Cases.	Deaths.	Remarks.
India, general.....	Aug. 7-14.....	1, 659	1, 251	
Bombay.....	Aug. 10-17.....		35	
Rangoon.....	Aug. 7-14.....		27	
Japan: & Kobe.....	Aug. 14-21.....	1	1	

By authority of the Secretary of the Treasury:

WALTER WYMAN,
Surgeon-General,
United States Public Health and Marine-Hospital Service.