

# PUBLIC HEALTH REPORTS.

## UNITED STATES.

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

*Reports from San Francisco, Cal.—Plague-prevention work at San Francisco and Emeryville.*

Passed Assistant Surgeon Blue reports:

SAN FRANCISCO.

*Week ended August 1.*

Date of last case .....	Sickened, January 30, 1908
Sick inspected .....	10
Dead inspected .....	107
Premises inspected .....	15, 849
Houses disinfected .....	680
Houses destroyed .....	4
Buildings condemned .....	11
Nuisances abated .....	2, 372
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Rats found dead .....	328
Rats trapped .....	4, 247
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Total rats taken .....	4, 575
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Rats identified:	
Mus norvegicus .....	3, 575
Mus rattus .....	70
Mus musculus .....	666
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Total .....	4, 311
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Rats examined bacteriologically .....	2, 783
Poisons placed .....	103, 152

*Week ended August 8.*

Sick inspected .....	8
Dead inspected .....	108
Premises inspected .....	15, 790
Houses disinfected .....	309
House destroyed .....	1
Nuisances abated .....	1, 862
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Rats found dead .....	498
Rats trapped .....	4, 293
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Total rats taken .....	4, 791

<b>Rats identified:</b>	
Mus norvegicus.....	3,645
Mus rattus.....	78
Mus musculus.....	780
<b>Total</b> .....	<b>4,503</b>
<b>Rats examined bacteriologically.....</b>	
Rat infected with <i>Bacillus pestis</i> .....	2,401
Poisons placed.....	1
Buildings condemned.....	116,214
	11

EMERYVILLE, CAL.

*Week ended July 30.*

Sick inspected.....	14
Premises inspected.....	578
House disinfected.....	1
Rats found dead.....	35
Poisons placed.....	3,312

*Outgoing quarantine transactions.*

Passed Assistant Surgeon Hobby reports:

*Week ended August 1.*

Vessels fumigated and certified.....	35
Vessels certified.....	60

*Reports from Seattle, Wash.—Plague-prevention work—Summary of work, month of July, 1908.*

Passed Assistant Surgeon Glover reports:

*Week ended August 8.*

Date of finding of last plague rat, July 9, 1908.

Rats received.....	1,070
Rats necropsied.....	1,054
Plague rats found.....	0
Plague-infected rats to date.....	20
Vessels inspected.....	5
Vessels fumigated.....	6

During the month of July 25 ships were fumigated and 24 ships were inspected. The latter were boats plying between Seattle and other Puget Sound ports and were inspected for the presence of rats. Evidence of rats being aboard was found in two instances. These boats were then fumigated.

During the month of July infection was found to exist among the rats in the stable in a wood yard corner Eighth avenue and Madison street. The local health authorities attacked the infected locality with promptitude and energy. The shed adjoining the stable was torn down, the ground dug up and saturated with a strong solution of bichloride. A temporary fence of galvanized iron was placed around the stable prior to beginning the work, for the purpose of preventing the escape of any live rats to other parts of the premises. The stable was cleaned out and fumigated. It had a concrete floor and there was no evidence of rats having burrowed beneath it. The ground around

the stable was also thoroughly examined. The fence was then placed around chicken houses and the various wood piles, and each of these was thoroughly searched for rats. The wood piles were taken apart and repiled. Rubbish was collected and burned. In brief, the wood yard was given a thorough cleansing. Plague rats were, however, found only in the shed where the hay and grain were kept.

*Plague laboratory work—Summary for month of July, 1908.*

Assistant Surgeon Chapin reports, August 3, through Passed Assistant Surgeon Glover:

Report of the work done in the plague laboratory during the month of July:

During July, 5,067 rats were delivered at the laboratory, of which 4,753 were autopsied. Nine rats were proved plague infected. Three of these were delivered during the latter part of June, the other 6 during July. These rats were all from the wood yard on Eighth avenue and Madison street and were from a total of 53 rats brought from that site during the same period, many of them killed or found dead during the cleaning.

Two human cases have been examined post mortem for evidences of plague infection with negative results. They were reported as suspects on account of the lack of satisfactory clinical history and not by reason of anything in the history, so far as known, directly suggestive of plague.

*Report from Portland, Oreg.—Outbreak of smallpox in July, 1908.*

Temporary Acting Assistant Surgeon Wheeler reports, August 5:

Forty-seven cases of smallpox occurred in this city during the month of July. The outbreak seems to be general throughout the city. The disease is very mild, no deaths having occurred.

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

CALIFORNIA—*Oakland*.—Month of July, 1908. Estimated population, 200,000. Total number of deaths, 133, including enteric fever 2, plague 1, and 9 from tuberculosis. Cases: Diphtheria 5, enteric fever 1, scarlet fever 4, smallpox 2, measles 3, plague 1, and tuberculosis 4.

*San Diego*.—Month of July, 1908. Estimated population, 40,000. Total number of deaths, 58, including measles 1, enteric fever 1, and 12 from tuberculosis. Cases: Measles 13, smallpox 23, and scarlet fever 5.

*Stockton*.—Month of July, 1908. Estimated population, 23,000. Total number of deaths, 24. Cases: Diphtheria 1, smallpox 1, and scarlet fever 3.

FLORIDA.—Reports from the State board of health for the week ended August 8, 1908, show as follows: Enteric fever—*Jacksonville*, 10 cases; *Habana*, *Mayport*, *Daytona*, *Tampa*, *Clearwater*, *Italia*,

*Port Orange, Quincy, and Lloyd*, each 1 case. Diphtheria—*Pensacola*, 2 cases. Tuberculosis—*Jacksonville*, 1 case; *Ybor City*, 2 cases.

ILLINOIS—*Alton*.—Month of July, 1908. Estimated population, 22,000. Total number of deaths, 16, including 3 from tuberculosis. Case: Diphtheria 1.

*Jacksonville*.—Month of July, 1908. Estimated population, 17,500. Total number of deaths, 23. Cases: Diphtheria 2, and tuberculosis 2.

INDIANA—*Jeffersonville*.—Month of July, 1908. Estimated population, 12,000. Total number of deaths, 11, including enteric fever 2 and 1 from tuberculosis. Cases: Enteric fever 2, tuberculosis 1, diphtheria 1, and smallpox 5.

MINNESOTA.—Month of April, 1908. Estimated population, 1,979,658. Reports to the State board of health show as follows: Total number of deaths, 1,738, including diphtheria 39, enteric fever 26, measles 8, scarlet fever 13, whooping cough 10, smallpox 1, and 193 from tuberculosis. Deaths reported from State institutions during the month numbered 41, including 10 from tuberculosis.

NEW YORK.—Month of June, 1908. Estimated population, 8,595,390. Reports to the State department of health show as follows: Total number of deaths 9,923, corresponding to an annual death rate of 13.9 per 1,000 of the population, including enteric fever 66, measles 96, scarlet fever 134, smallpox 1, whooping cough 47, diphtheria 160, and 1,127 from phthisis pulmonalis. Cases: Diphtheria 1,522, enteric fever 412, measles 5,241, scarlet fever 2,248, smallpox 59, and tuberculosis 2,021.

*Saratoga Springs*.—Month of July, 1908. Estimated population, 11,822. Total number of deaths not reported. Two deaths from tuberculosis. Cases: Measles 1, and whooping cough 1.

*Schenectady*.—Month of June,<sup>a</sup> 1908. Estimated population, 77,666. Total number of deaths, 51, including diphtheria 1, enteric fever 1, and 3 from tuberculosis. Cases: Diphtheria 8, enteric fever 3, smallpox 2, scarlet fever 2, and tuberculosis 17.

*Yonkers*.—Month of July, 1908. Estimated population, 72,000. Total number of deaths, 122, including scarlet fever 3, and 17 from tuberculosis. Cases: Diphtheria 5, measles 17, scarlet fever 26, enteric fever 2, and phthisis pulmonalis 19.

OHIO—*Canton*.—Two months ended July 31, 1908. Estimated population, 40,000. Total number of deaths not reported. Three deaths from tuberculosis. Cases: Diphtheria 5, scarlet fever 13, smallpox 1, and tuberculosis 3.

PENNSYLVANIA—*Beaver Falls*.—Two weeks ended August 8, 1908. Estimated population, 13,000. No deaths reported. Cases: Enteric fever 1.

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<sup>a</sup> Received out of regular order.

*Dunmore.*—Month of July, 1908. Estimated population, 17,500. Total number of deaths, 28. Cases: Scarlet fever 4, diphtheria 2, and measles 1.

*Homestead.*—Month of July, 1908. Estimated population, 17,000. Total number of deaths, 35, including 2 from tuberculosis. Cases: Scarlet fever 1, tuberculosis 1, and measles 14.

**SOUTH CAROLINA.**—Reports to the State board of health for the month of January, 1908, show as follows: Total number of deaths, 251, including diphtheria 1, enteric fever 11, whooping cough 3, and 45 from tuberculosis. Cases: Diphtheria 27, enteric fever 44, measles 777, scarlet fever 82, smallpox 49, and tuberculosis 235.

Month of February, 1908: Total number of deaths, 245, including enteric fever 2, measles 4, whooping cough 1, and 25 from tuberculosis. Cases: Diphtheria 13, enteric fever 38, measles 1,316, scarlet fever 33, smallpox 19, and tuberculosis 143.

Month of March, 1908: Total number of deaths, 264, including enteric fever 7, measles 4, whooping cough 1, and 49 from tuberculosis. Cases: Diphtheria 14, enteric fever 51, measles 1,308, scarlet fever 40, smallpox 58, and tuberculosis, 217.

Month of April, 1908. Total number of deaths 278, including diphtheria 1, enteric fever 5, smallpox 1, whooping cough 3, and 49 from tuberculosis. Cases: Diphtheria 9, enteric fever 55, measles 1,251, scarlet fever 23, smallpox 15, and tuberculosis 163.

Month of May, 1908. Total number of deaths 278, including diphtheria 1, enteric fever 10, measles 3, whooping cough 6, and 46 from tuberculosis. Cases: Diphtheria 9, enteric fever 198, measles 599, scarlet fever 11, smallpox 17, and tuberculosis 168.

Month of June, 1908. Total number of deaths 238, including diphtheria 1, enteric fever 23, measles 3, whooping cough 6, and 31 from tuberculosis. Cases: Diphtheria 25, enteric fever 429, measles 350, scarlet fever 16, smallpox 12, and tuberculosis 186.

**UTAH**—*Salt Lake City.*—Month of July, 1908. Estimated population, 85,000. Total number of deaths from all causes, 72, including enteric fever 1, whooping cough 2, and 7 from tuberculosis. Cases: Diphtheria 10, whooping cough 46, measles 5, scarlet fever 10, smallpox, 10, and enteric fever 4.

**WEST VIRGINIA**—*Charleston.*—Month of July, 1908. Estimated population, 26,000. Total number of deaths, 20, including 2 from tuberculosis. Cases: Diphtheria 1, tuberculosis 6, and enteric fever 24.

*Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, June 27 to August 21, 1908.*

[For reports received from December 27, 1907, to June 26, 1908, see PUBLIC HEALTH REPORTS for June 26, 1908.]

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Alabama:</b>				
Huntsville .....	Jan. 5-June 18 .....	85		And vicinity.
Mobile.....	June 7-July 4.....	9		
Total for State.....		94		
<b>Arkansas:</b>				
Texarkana .....	Dec. 1-June 15 .....			Present.
<b>California:</b>				
Angel Island Quarantine Station.	Jan. 1-May 18 .....			5 additional cases. Report received out of date. July 13, 1 case on schr. Alumna. Report for June not received. June 1-13, mainly on Pala Indian Reservation. June 6-27, 5 cases from day steamer City of Long Beach.
Los Angeles .....	June 7-July 4.....	6		
Oakland.....	Apr. 1-July 31 .....	16		
Sacramento .....	May 1-31.....	8		
San Diego County .....	June 1-Aug. 3 .....	98		
Escondido.....	June 1-Aug. 3 .....	15		
San Diego .....	June 1-Aug. 3 .....	25		
San Francisco .....	June 6-Aug. 8 .....	33		
Stockton .....	July 1-31 .....	1		
Total for State .....		197		
<b>Delaware:</b>				
Reedy Island Quarantine Station.	Aug. 9 .....	1		From steamship Haverford.
Total for State .....		1		
<b>District of Columbia:</b>				
Washington .....	June 14-27 .....	8		
Total for District .....		8		
<b>Idaho:</b>				
Carey.....	May 21-Aug. 4 .....	21		
Total for State .....		21		
<b>Illinois:</b>				
Alexander County .....	May 1-31.....	3		
Carroll County .....	May 1-31.....	5		
Cass County .....	May 1-31.....	34		
Champaign County.....	May 1-31.....	4		
Christian County.....	May 1-31.....	3		
Clark County.....	May 1-31.....	11		
Cook County—				
Chicago .....	June 14-Aug. 1 .....	10		
Harvey .....	May 1-31.....	1		
Dupage County.....	May 1-31.....	1		
Efingham County .....	May 1-31.....	1		
Iroquois County.....	May 1-31.....	3		
Jo Daviess County .....	May 1-31.....	1		
Kane County .....	May 1-31.....	37		
Macon County .....	May 1-31.....	5		
Macoupin County .....	May 1-31.....	5		
Marshall County .....	May 1-31.....	9		
McLean County .....	May 1-31.....	5		
Mercer County .....	May 1-31.....	1		
Montgomery County .....	May 1-31.....	7		
Morgan County.....	May 1-31.....	20		
Jacksonville.....	June 1-30 .....	10		
Peoria County.....	May 1-31.....	12		
Saline County.....	May 1-31.....	5		
Sangamon County—				
Springfield .....	June 19-July 23. . .	4		
Stevenson County.....	May 1-31.....	25		
Tazewell County .....	May 1-31.....	64		
Warren County.....	May 1-31.....	6		
Will County.....	May 1-31.....	1		
Joliet.....	May 1-31.....	19		
Total for State.....		312		

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Indiana:</b>				
Allen County.....	Apr. 1-30.....	1		
Fort Wayne.....	June 21-Aug. 8...	5		
Bartholomew County.....	Apr. 1-30.....	1		
Boone County.....	Apr. 1-30.....	1		
Carroll County.....	May 1-31.....	51		
Clark County.....	Apr. 1-May 31.....	24		
Jeffersonville.....	June 1-July 31.....	25	1	
Dearborn County.....	Apr. 1-30.....	3		
Dekalb County.....	Apr. 1-May 31.....	11		
Delaware County.....	Apr. 1-May 31.....	21		
Fulton County.....	Apr. 1-30.....	19		
Grant County.....	Apr. 1-May 31.....	49		
Hendricks County.....	Apr. 1-30.....	1		
Howard County.....	Apr. 1-30.....	15		
Huntington County.....	Apr. 1-30.....	38		
Jackson County.....	Apr. 1-30.....	3		
Johnson County.....	Apr. 1-30.....	9		
Knox County.....	Apr. 1-May 31.....	31		
Laporte County.....	Apr. 1-30.....	2		
Lawrence County.....	Apr. 1-30.....	12		
Madison County.....	Apr. 1-30.....	4		
Marion County.....	Apr. 1-May 31.....	38		
Indianapolis.....	June 8-Aug. 9.....	44	1	
Marshall County.....	Apr. 1-30.....	1		
Miami County.....	Apr. 1-30.....	16		
Morgan County.....	Apr. 1-30.....	2		
Noble County.....	Apr. 1-30.....	9		
Orange County.....	Apr. 1-30.....	1		
Owen County.....	Apr. 1-30.....	4		
St. Joseph County—				
South Bend.....	June 29-Aug. 1.....	9		
Shelby County.....	Apr. 1-30.....	35	1	
Steuben County.....	May 1-31.....	30		
Sullivan County.....	Apr. 1-30.....	9		
Tippecanoe County.....	Apr. 1-May 31.....	11		
Lafayette.....	June 21-Aug. 10.....	6		
Tipton County.....	Apr. 1-30.....	1		
Wabash County.....	Apr. 1-30.....	14		
Warrick County.....	Apr. 1-30.....	1		
Wayne County.....	Apr. 1-30.....	15		
Wells County.....	Apr. 1-30.....	1		
Vigo County.....	May 1-31.....	8		
Total for State.....		581	3	
<b>Iowa, general.....</b>				
Burlington.....	Jan. 1-June 30.....	2,092		
Burlington.....	July 15.....	1		
Cedar Rapids.....	June 1-July 1.....	4		
Davenport.....	June 2-30.....	3		
Keokuk.....	June 1-30.....	1		
Sioux City.....	June 1-July 31.....	5		
Total for State.....		2,106		
<b>Kansas:</b>				
Allen County.....	Apr. 1-June 30.....	27		
Anderson County.....	Apr. 1-30.....	6		
Atchison County.....	Apr. 1-June 30.....	69		
Atchison.....	Apr. 1-May 31.....	29		
Barber County.....	June 1-30.....	1		
Barton County.....	Apr. 1-30.....	6		
Bourbon County.....	Apr. 1-June 30.....	24		
Butler County.....	May 1-June 30.....	29		
Chase County.....	Apr. 1-June 30.....	9		
Cherokee County.....	Apr. 1-June 30.....	14		
Cheyenne County.....	Apr. 1-30.....	2		
Clay County.....	May 1-31.....	2		
Cloud County.....	May 1-June 30.....	2		
Crawford County.....	Apr. 1-June 30.....	6		
Pittsburg.....	Apr. 1-30.....	8		
Decatur County.....	June 1-30.....	4		
Doniphan County.....	Apr. 1-30.....	3		
Douglas County.....	Apr. 1-June 30.....	33		
Edwards County.....	Apr. 1-May 31.....	3		
Ford County.....	May 1-June 30.....	2		
Franklin County.....	Apr. 1-May 31.....	3		
Graham County.....	June 1-30.....	2		
Greenwood County.....	Apr. 1-June 30.....	11		
Hamilton County.....	Apr. 1-30.....	1		
Harper County.....	Apr. 1-June 30.....	9		
Harvey County.....	Apr. 1-30.....	14		
Hodgeman County.....	Apr. 1-30.....	2		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Kansas—Continued.</b>				
Jackson County .....	Apr. 1-June 30....	39		
Jefferson County .....	Apr. 1-June 30....	11		
Jewell County .....	May 1-31 .....	8		
Kingman County .....	Apr. 1-June 30....	24		
Labette County .....	Apr. 1-June 30....	24		
Parsons .....	Apr. 1-May 31 .....	45		
Leavenworth County .....	Apr. 1-June 30....	62		
Leavenworth .....	May 1-31 .....	3		
Lincoln County .....	Apr. 1-May 31 .....	3		
Linn County .....	Apr. 1-June 30....	21		
Lyon County .....	Apr. 1-June 30....	31		
Marion County .....	June 1-30 .....	2		
McPherson County .....	May 1-June 30....	2		
Meade County .....	June 1-30 .....	6		
Miami County .....	Apr. 1-30 .....	5		
Montgomery County .....	Apr. 1-June 30....	18		
Coffeyville .....	May 1-31 .....	7		
Morris County .....	Apr. 1-30 .....	14		
Nemaha County .....	Apr. 1-June 30....	70		
Neosho County .....	Apr. 1-30 .....	2		
Osage County .....	Apr. 1-May 31 .....	2		
Pawnee County .....	May 1-June 30....	6		
Pottawatomie County .....	Apr. 1-June 30....	7		
Pratt County .....	May 1-June 30....	12		
Reno County .....	Apr. 1-May 31 .....	14		
Republic County .....	Apr. 1-June 30....	13		
Rush County .....	May 1-31 .....	6		
Saline County .....	Apr. 1-30 .....	11		
Sedgewick County .....	Apr. 1-June 30....	28		
Wichita .....	July 12-18 .....	1		
Seward County .....	May 1-June 30....	21		
Shawnee County .....	Apr. 1-30 .....	30		
Topeka .....	June 7-July 11 .....	13		
Smith County .....	Apr. 1-30 .....	7		
Stevens County .....	Apr. 1-30 .....	1		
Sumner County .....	Apr. 1-30 .....	3		
Trego County .....	Apr. 1-30 .....	22		
Washington County .....	Apr. 1-30 .....	2		
Wilson County .....	June 1-30 .....	15		
Wyandotte County .....	May 1-31 .....	7		
Kansas City .....	June 8-July 25 .....	5		
Total for State .....		989		
<b>Kentucky:</b>				
Covington .....	June 21-July 11 .....	4		
Lexington .....	July 12-18 .....	3		
Total for State .....		7		
<b>Louisiana:</b>				
New Orleans .....	June 14-July 25 .....	20	1	
Total for State .....		20	1	
<b>Maryland:</b>				
Baltimore .....	July 5-11 .....	1		
Total for State .....		1		
<b>Massachusetts, general.</b>				
May 1-31 .....		1		
Total for State .....		1		
<b>Michigan:</b>				
Allegan County .....	May 1-31 .....	18		
Bay County .....	May 1-31 .....	10		
Benzie County .....	May 1-31 .....	1		
Berrien County .....	May 1-31 .....	1		
Branch County .....	May 1-31 .....	2		
Calhoun County .....	May 1-June 30....	26		
Battle Creek .....	May 1-June 30....	20		
Cass County .....	May 1-31 .....	17		
Chippewa County .....	June 1-30 .....	2		
Sault de Saint Marie .....	May 1-June 30....	5		
Clare County .....	May 1-31 .....	3		
Eaton County .....	June 1-30 .....	4	1	
Emmet County .....	May 1-31 .....	1		
Grand Traverse County .....	May 1-June 30....	12		
Gratiot County .....	June 1-30 .....	2		
Hillsdale County .....	May 1-June 30....	8		
Houghton County .....	May 1-June 30....	31		



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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Michigan—Continued.</b>				
Huron County.....	May 1-June 30....	18		
Ionia County.....	May 1-June 30....	8		
Jackson County.....	May 1-June 30....	10		
Kalamazoo County.....	May 1-31.....	5		
Kent County.....	June 1-30.....	9		
Lake County.....	May 1-31.....	8		
Lapeer County.....	May 1-June 30....	2		
Manistee County, Manistee	May 1-31.....	1		
Mason County.....	May 1-June 30....	4		
Midland County.....	May 1-31.....	1		
Missaukee County.....	May 1-31.....	6		
Montcalm County.....	May 1-31.....	3		
Muskegon County.....	May 1-31.....	38		
Newaygo County.....	May 1-June 30....	7		
Oakland County.....	June 1-30.....	3		
Oceola County.....	June 1-30.....	1		
Otsego County.....	June 1-30.....	8		
Sagamont County.....	May 1-30.....	30		
Saginaw.....	June 21-27.....	1		
St. Clair County.....	May 1-June 30....	16		
Port Huron.....	May 1-31.....	9	1	
St. Joseph County.....	June 1-30.....	1		
Shiawassee County.....	May 1-31.....	1		
Wayne County, Detroit.....	July 4-Aug. 1.....	2		
Wexford County.....	May 1-June 30....	21		
Total for State.....		371	2	
<b>Minnesota:</b>				
Aitkin County.....	Apr. 1-June 15....	7		
Anoka County.....	Apr. 28-May 10....	5		
Becker County.....	Apr. 28-June 15....	123		
Benton County.....	Apr. 28-June 15....	10		
Bigstone County.....	Apr. 7-May 17.....	1		
Blue Earth County.....	Apr. 21-June 15....	21		
Brown County.....	Mar. 31-May 17....	12		
Carver County.....	Apr. 28-June 8....	19		
Cass County.....	June 1-8.....	1		
Chippewa County.....	Apr. 21-June 1....	8		
Chisago County.....	Apr. 14-June 8....	2		
Clay County.....	Apr. 28-June 8....	18		
Crow Wing County.....	Apr. 28-June 15....	9		
Dakota County.....	Apr. 28-June 8....	8		
Douglas County.....	June 9-15.....	2		
Faribault County.....	May 4-June 8.....	18		
Fillmore County.....	May 4-17.....	9		
Freeborn County.....	May 4-10.....	1		
Goodhue County.....	May 4-June 4.....	15		
Hennepin County.....	Apr. 28-June 15....	29		
Minneapolis.....	June 1-30.....	21		
Houston County.....	Apr. 28-June 15....	3		
Hubbard County.....	Apr. 28-June 15....	26		
Isanti County.....	Apr. 28-May 17....	5		
Itasca County.....	Apr. 7-June 15....	20		
Jackson County.....	Apr. 13-June 15....	14		
Kanabec County.....	May 4-10.....	5		
Kandiyohi County.....	May 4-15.....	16		
Kittson County.....	Apr. 14-June 1....	3		
Koochiking County.....	May 25-June 15....	6		
Lac qui Parle County.....	May 4-June 15....	6		
Lake County.....	May 27-June 15....	12		
Lesueur County.....	Apr. 28-June 15....	13		
Lincoln County.....	June 4-10.....	1		
Lyon County.....	May 4-10.....	2		
McLeod County.....	May 24-June 8....	8		
Martin County.....	Apr. 28-June 15....	5		
Meeker County.....	Apr. 28-June 8....	24		
Millers County.....	Apr. 28-June 15....	4		
Morrison County.....	Apr. 28-June 15....	16		
Mower County.....	May 17-24.....	3		
Nicollet County.....	Apr. 28-June 1....	14		
Nobles County.....	Apr. 28-May 3.....	1		
Norman County.....	May 10-June 15....	2		
Olmsted County.....	Apr. 28-June 15....	11		
Ottertail County.....	Apr. 28-June 15....	15		
Pine County.....	May 17-June 1....	8		
Pipestone County.....	June 1-8.....	1		
Polk County.....	Apr. 28-June 8....	12		
Pope County.....	Apr. 28-May 3.....	1		
Ramsey County.....	Apr. 28-June 15....	11		
St. Paul.....	May 1-31.....	49		
Red Lake County.....	May 4-17.....	4		

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Minnesota—Continued.</b>				
Redwood County.....	Apr. 28-June 15...	13		
Renville County.....	May 10-15.....	4		
Rice County.....	Apr. 28-June 8...	3		
Rock County.....	Apr. 28-June 8...	3		
Roseau County.....	May 4-June 10...	2		
St. Louis County.....	Apr. 28-June 15...	9		
Duluth.....	Apr. 28-June 15...	126		
Scott County.....	Apr. 28-June 15...	147		
Sibley County.....	Apr. 27-June 8...	6		
Stearns County.....	Apr. 28-June 8...	43		
Steele County.....	Apr. 28-June 8...	13		
Stevens County.....	Apr. 28-May 24...	7		
Swift County.....	Apr. 28-June 8...	16		
Todd County.....	Apr. 28-June 15...	45		
Wabasha County.....	Apr. 28-May 10...	5		
Washington County.....	May 24-June 15...	6		
Wilkin County.....	Apr. 28-June 8...	5		
Winona County.....	May 4-June 15...	4		
Winona.....	June 21-July 18...	2		
Wright County.....	Apr. 29-June 15...	33		
Yellow Medicine County..	May 4-June 15...	8		
Total for State.....		1,155		
<b>Missouri:</b>				
Conway.....	Apr. 20-June 19...	29		
Durham.....	May 1-July 1.....			Present and in vicinity.
Kansas City.....	June 14-Aug. 8...	6		
La Belle.....	May 1-July 1.....	7		And vicinity.
Lewiston.....	May 1-July 1.....	18		Do.
Monticello.....	May 1-July 1.....	1		
St. Joseph.....	June 7-Aug. 8...	20		
St. Louis.....	June 14-20.....	1		
Total for State.....		82		
<b>Montana:</b>				
Cascade County.....	May 1-June 30...	4		
Chouteau County.....	May 1-31.....	22		
Dawson County.....	June 1-30.....	2		
Deerlodge County.....	May 1-31.....	1		
Fergus County.....	May 1-31.....	8		
Flathead County.....	May 1-June 30...	33		
Gallatin County.....	May 1-June 30...	2		
Bozeman.....	June 1-30.....	55		
Lewis and Clark County	May 1-31.....	3		
Helena.....	May 1-June 30...	5		
Meagher County.....	May 1-June 30...	2		
Missoula County.....	May 1-31.....	6		
Missoula.....	May 1-June 30...	2		
Ravalli County.....	May 1-June 30...	8		
Rosebud County.....	June 1-30.....	2		
Silverbow County—				
Butte.....	June 1-Aug. 4...	2		
Valley County.....	May 1-31.....	4		
Total for State.....		161		
<b>Nebraska:</b>				
Friend.....	Apr. 13-June 18...	13		
Lincoln.....	Mar. 1-May 31...	22		
South-Omaha.....	June 7-13.....	1		
Total for State.....		36		
<b>New Jersey:</b>				
Fort Hancock.....	July 30.....	1		
Total for State.....		1		
<b>New York, general</b>				
New York.....	May 1-June 30...	102		
New York.....	June 14-20.....	1		
Niagara Falls.....	June 14-20.....	1		
Schenectady.....	June 1-30.....	2		
Total for State.....		106		
<b>North Carolina:</b>				
Anson County.....	May 1-31.....	30		
Cabarrus County.....	Apr. 1-May 31...	39		
Camden County.....	Apr. 1-June 30...	25		

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

Place.	Date.	Cases.	Deaths.	Remarks.	
<b>North Carolina—Continued.</b>					
Caswell County .....	June 1-30 .....			Present.	
Chatham County .....	Apr. 1-30 .....	2			
Chowan County .....	Apr. 1-May 31 .....	18			
Cleveland County .....	Apr. 1-30 .....	8			
Davie County .....	Apr. 1-30 .....	4			
Forsyth County .....	Apr. 1-30 .....	1			
Gates County .....	Apr. 1-30 .....	3			
Guilford County .....	Apr. 1-30 .....	6			
Johnston County .....	Apr. 1-June 30 .....	47			
Mecklenburg County— Charlotte .....	June 14-Aug. 8 .....	8			
New Hanover County .....	Apr. 1-May 31 .....	6			
Orange County .....	Apr. 1-May 31 .....	3			
Richmond County .....	May 1-June 30 .....	2			
Rowan County .....	Apr. 1-May 31 .....	26			
Rutherford County .....	Apr. 1-30 .....	12			
Wayne County .....	Apr. 1-30 .....	5			
Yadkin County .....	Apr. 1-30 .....	2			
<b>Total for State</b> .....		<b>236</b>			
<b>Ohio, general</b> .....					
Canton .....	Apr. 25-June 13 .....	200			
Cincinnati .....	June 7-13 .....	1			
Cincinnati .....	June 20-July 17 .....	7			
Dayton .....	June 14-Aug. 8 .....	15			
Springfield .....	July 12-18 .....	1			
Toledo .....	June 14-Aug. 8 .....	12			
Troy .....	Apr. 15-July 3 .....	28			
<b>Total for State</b> .....		<b>264</b>			
<b>Oregon:</b>					
Portland .....	Apr. 1-July 31 .....	146		Report for June not received.	
<b>Total for State</b> .....		<b>146</b>			
<b>Rhode Island:</b>					
Pawtucket .....	June 12-29 .....	1			
<b>Total for State</b> .....		<b>1</b>			
<b>South Carolina:</b>					
General .....	Jan. 1-June 30 .....	170	1		
<b>Total for State</b> .....		<b>170</b>	<b>1</b>		
<b>Tennessee:</b>					
Knoxville .....	June 21-July 25 .....	2			
Livingston .....	June 13-Apr. 11 .....	9	1		
Nashville .....	June 14-20 .....	1			
<b>Total for State</b> .....		<b>12</b>	<b>1</b>		
<b>Texas:</b>					
Fort Worth .....	May 1-31 .....	9			
San Antonio .....	June 14-July 25 .....	9			
<b>Total for State</b> .....		<b>18</b>			
<b>Utah:</b>					
Cache County .....	May 1-31 .....	2			
Carbon County .....	June 1-30 .....	1			
Davis County .....	May 1-31 .....	2			
Salt Lake County— Salt Lake City .....	May 1-July 31 .....	29			
Utah County .....	May 1-June 30 .....	7			
Weber County .....	May 1-June 30 .....	21			
<b>Total for State</b> .....		<b>62</b>			
<b>Vermont:</b>					
Whiting .....	May 5 .....	1			
<b>Total for State</b> .....		<b>1</b>			
<b>Virginia:</b>					
Alexandria .....	June 25-27 .....	13			
Waynesboro .....	June 1-July 31 .....	20			
<b>Total for State</b> .....		<b>33</b>			

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Washington:</b>				
Seattle.....	May 1-June 30....	20	.....	
Spokane.....	June 7-Aug. 8.....	61	.....	
Tacoma.....	June 8-Aug. 2.....	4	.....	
Total for State.....		85	.....	
<b>West Virginia:</b>				
Moundsville.....	June 17-July 2....	1	.....	
Total for State.....		1	.....	
<b>Wisconsin:</b>				
La Crosse.....	June 16-Aug. 8....	47	.....	
Manitowoc.....	Aug. 2-8.....	1	.....	
Milwaukee.....	June 14-Aug. 18...	17	1	
Total for State.....		65	1	
Grand total, United States.....		7,294	9	

*Plague in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, July 15-August 21, 1908.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>California:</b>				
Alameda County—				
Oakland.....	July 21.....	1	1	
Contra Costa County—				
Concord.....	July 15.....	1	1	
Frenois Valley.....	July 24.....	1	1	10 miles from Martinez.

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

[For smallpox and plague see special tables.]

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.
Altoona, Pa.....	Aug. 8	38,973	8	1	1	2	1	.....	.....	.....	.....	.....	.....	.....	.....
Augusta, Ga.....	Aug. 11	39,441	17	.....	1	7	1	.....	.....	.....	.....	.....	.....	.....	.....
Baltimore, Md.....	Aug. 8	508,967	184	10	16	70	8	21	1	9	.....	8	1	10	3
Bayonne, N. J.....	do	32,722	.....	.....	.....	.....	.....	1	.....	.....	.....	2	.....	.....	.....
Berkeley, Cal.....	Aug. 1	13,214	6	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....
Biddeford, Me.....	Aug. 8	16,145	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Binghamton, N. Y.	do	38,647	14	.....	1	.....	.....	4	.....	.....	.....	.....	.....	.....	.....
Boston, Mass.....	July 25	560,892	227	49	22	33	4	29	1	58	5	55	2	27	3
Do.....	Aug. 8a	560,892	214	64	18	19	1	32	4	23	1	24	.....	15	2
Bradnock, Pa.....	do	15,564	9	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....
Bradford, Pa.....	do	15,029	6	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brockton, Mass.....	do	40,063	12	3	1	1	.....	.....	.....	.....	.....	5	.....	.....	.....
Butte, Mont.....	Aug. 4	30,470	13	.....	3	.....	.....	8	.....	1	.....	.....	.....	.....	.....
Cambridge, Mass.....	Aug. 8	91,886	27	13	1	1	1	4	.....	2	1	2	.....	1	.....
Camden, N. J.....	do	75,985	28	.....	.....	2	.....	1	.....	1	1	2	.....	.....	.....
Charlotte, N. C.....	do	18,091	4	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chelsea, Mass.....	do	34,072	5	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....
Chicago, Ill.....	do	1,698,575	657	25	57	76	6	40	4	51	9	15	1	40	6
Chicopee, Mass.....	do	19,167	12	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Cincinnati, Ohio.....	Aug. 7	325,902	130	14	16	2	1	3	.....	2	1	.....	.....	.....	1
Clinton, Mass.....	Aug. 8	13,667	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Columbus, Ga.....	do	17,614	2	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Covington, Ky.....	do	42,938	17	1	2	2	.....	.....	.....	.....	.....	.....	.....	.....	1
Danville, Ill.....	do	16,354	7	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Dayton, Ohio.....	do	85,333	30	2	5	2	.....	1	.....	1	.....	.....	.....	1	.....

a Intervening week previously reported.

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.
Detroit, Mich	Aug. 8	285,704	142	.....	.....	.....	.....	3	2	5	.....	.....	.....	.....	.....
Dunkirk, N. Y.	.....	11,616	2	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	4	.....
Elkhart, Ind.	.....	15,184	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Elmira, N. Y.	.....	35,672	11	8	1	4	.....	.....	.....	1	.....	.....	.....	.....	.....
Erie, Pa.	Aug. 6	52,783	17	9	1	1	1	6	.....	.....	.....	.....	.....	.....	.....
Evansville, Ind.	July 4	59,007	14	4	3	2	.....	2	2	1	.....	.....	.....	8	2
Do.	Aug. 1 <sup>a</sup>	59,007	15	5	2	8	2	2	1	1	.....	.....	.....	2	.....
Do.	Aug. 8	59,007	16	5	.....	9	2	2	1	1	.....	.....	.....	.....	.....
Everett, Mass.	Aug. 1	24,336	1	1	.....	.....	.....	2	2	1	.....	.....	.....	.....	.....
Do.	Aug. 8	24,336	.....	1	.....	.....	.....	6	.....	.....	.....	2	.....	.....	.....
Findlay, Ohio	.....	17,618	5	.....	1	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
Fort Wayne, Ind.	July 25	50,947	9	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Do.	Aug. 8 <sup>a</sup>	50,947	14	1	1	4	.....	1	.....	.....	.....	.....	.....	.....	1
Galesburg, Ill.	Aug. 8	18,607	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Galveston, Tex.	Aug. 7	37,789	21	3	3	4	.....	.....	.....	1	.....	.....	.....	.....	.....
Gloucester, Mass.	Aug. 8	26,121	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gr. Rapids, Mich.	.....	87,565	35	.....	7	2	.....	3	.....	1	.....	5	.....	.....	.....
Greensboro, N. C.	.....	10,085	12	1	2	.....	1	2	.....	1	.....	.....	.....	.....	.....
Greenville, S. C.	Aug. 1	11,860	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Harrison, N. J.	Aug. 8	10,596	3	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....
Haverhill, Mass.	.....	37,175	6	.....	.....	1	.....	.....	.....	2	.....	.....	.....	2	.....
Hoboken, N. J.	.....	59,364	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Hyde Park, Mass.	.....	13,244	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indianapolis, Ind.	Aug. 9	169,164	55	.....	2	24	4	4	.....	3	.....	2	.....	.....	1
Jacksonville, Fla.	Aug. 8	28,429	19	.....	4	5	4	.....	.....	.....	.....	.....	.....	.....	.....
Jersey City, N. J.	Aug. 9	206,493	92	3	10	3	.....	5	1	3	.....	4	.....	7	.....
Johnstown, Pa.	July 25	35,936	14	.....	.....	3	1	1	.....	3	.....	.....	.....	7	.....
Do.	Aug. 8 <sup>a</sup>	35,936	11	.....	.....	3	1	2	.....	3	.....	.....	.....	7	.....
Kalamazoo, Mich.	Aug. 1	24,404	12	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.	Aug. 8	24,404	11	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Kansas City, Kans.	.....	51,418	22	1	3	7	.....	2	.....	1	.....	.....	.....	.....	.....
Kansas City, Mo.	Aug. 8	163,752	56	.....	6	4	2	1	.....	.....	1	.....	.....	2	1
La Crosse, Wis.	Aug. 1	28,895	7	13	.....	2	.....	.....	.....	1	.....	.....	.....	.....	.....
Do.	Aug. 8	28,895	5	13	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
La Fayette, Ind.	Aug. 10	18,116	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lancaster, Pa.	Aug. 8	41,459	16	.....	1	1	.....	.....	.....	.....	.....	.....	.....	4	.....
Lebanon, Pa.	Aug. 15	17,628	10	10	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lexington, Ky.	Aug. 8	26,369	10	.....	.....	.....	1	.....	.....	2	.....	.....	.....	.....	.....
Los Angeles, Cal.	Aug. 1	102,479	59	5	9	4	.....	10	.....	2	.....	8	.....	8	.....
Lowell, Mass.	Aug. 8	94,969	33	2	.....	3	.....	.....	.....	.....	.....	4	.....	.....	1
Lynn, Mass.	.....	68,513	.....	.....	2	.....	1	.....	1	.....	.....	.....	.....	.....	.....
Malden, Mass.	.....	33,664	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Manchester, N. H.	.....	56,987	28	3	3	32	.....	1	.....	1	1	.....	.....	.....	.....
Manitowoc, Wis.	.....	11,786	2	1	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....
Mariboro, Mass.	.....	13,609	4	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....
Massillon, Ohio	.....	11,944	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medford, Mass.	.....	18,244	6	1	2	.....	.....	1	.....	.....	.....	.....	.....	2	1
Melrose, Mass.	.....	12,962	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Milwaukee, Wis.	.....	285,315	95	8	1	4	1	3	.....	1	1	3	1	44	3
Mobile, Ala.	Aug. 1	38,469	21	2	6	4	.....	.....	.....	2	.....	.....	.....	.....	.....
Moline, Ill.	Aug. 9	17,248	7	.....	.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....
Montclair, N. J.	Aug. 8	13,962	2	1	.....	.....	.....	1	.....	.....	.....	2	.....	.....	.....
Montgomery, Ala.	Aug. 7	30,846	18	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Mt. Vernon, N. Y.	Aug. 8	21,228	7	1	3	1	.....	.....	.....	.....	.....	3	.....	.....	.....
Nanticoke, Pa.	Aug. 10	12,616	6	.....	.....	1	.....	.....	.....	3	.....	.....	.....	.....	.....
Nashville, Tenn.	Aug. 8	80,865	36	1	7	21	3	1	.....	.....	.....	.....	.....	.....	1
Newark, N. J.	.....	246,070	114	.....	14	4	1	2	.....	3	.....	.....	.....	.....	1
New Bedford, Mass.	.....	63,442	30	3	4	3	.....	.....	.....	1	1	.....	.....	2	.....
Newburyport, Mass.	.....	14,478	10	.....	.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Orleans, La.	Aug. 8	278,104	115	9	11	11	2	24	.....	11	.....	.....	.....	.....	.....
Newport, R. I.	Aug. 1	22,441	5	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Do.	Aug. 8	22,441	8	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Newton, Mass.	.....	33,587	12	1	1	1	.....	.....	.....	.....	.....	1	.....	.....	.....
New York, N. Y.	.....	3,487,202	1,419	411	137	107	20	89	2	170	14	130	7	23	12
Niagara Falls, N. Y.	.....	19,457	10	3	.....	3	1	1	.....	.....	.....	.....	.....	.....	.....
North Adams, Mass.	.....	24,200	7	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Northampton, Mass.	.....	18,643	10	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
Oneonta, N. Y.	.....	7,147	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Orange, N. J.	.....	24,141	9	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

a Intervening weeks previously reported.

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

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.
Ottumwa, Iowa...	July 25	18, 197	10												
Do	Aug. 8	18, 197	11							1					
Palmer, Mass. ....	do	7, 801	2												
Philadelphia, Pa.	Aug. 1	1, 293, 697	473	148	60	43	3	20		42	3	44	1	31	10
Do	Aug. 8	1, 293, 697	482	98	70	42	5	16	3	26	5	16	3	29	9
Plainfield, N. J.	do	15, 869	6			1									
Port Huron, Mich.	July 25	19, 158	5											1	1
Do	Aug. 1	19, 158	3												
Do	Aug. 8	19, 158	6												
Portland, Me. ....	July 18	50, 145	22	2	2	4				1					
Do	July 25	50, 145	17	1	1	5		1	1	2					
Do	Aug. 1	50, 145	15		1	7		5		3		1			
Portsmouth, N. H.	Aug. 8	10, 637	0			1		1		1					
Portsmouth, Va. ....	Aug. 11	17, 427	3			5									
Providence, R. I. ....	Aug. 8	175, 597	63	6	6	1		2		5				1	
Racine, Wis. ....	do	29, 102	5	7	1			3							
Reading, Pa. ....	Aug. 10	78, 961	25	1	1	7	1	3		2				1	
Richmond, Va. ....	Aug. 8	95, 050	59	5	5	26	4			4				3	3
Rock Island, Ill. ....	Aug. 8	19, 493	3			2									
Saginaw, Mich. ....	do	42, 345	11			2		2							
St. Joseph, Mo. ....	do	102, 979	20	1	2	12		2							
St. Louis, Mo. ....	do	575, 238	202	32	20	33	4	6		4	2	2		13	2
San Antonio, Tex. ....	do	58, 321				4				2					
San Francisco, Cal.	July 4	342, 782	103	14	12	5	1	2		13	1	24	1	2	1
Do	July 11	342, 782	143	21	18	5	1	3		3		11		1	1
Do	Aug. 1	342, 782	119	15	7	6		1		8	1	2		1	1
Scranton, Pa. ....	Aug. 8	102, 026	42	1	1	1	2	4	1	3					1
Somerville, Mass. ....	do	61, 643	17		2	1		2		12				2	
South Bend, Ind. ....	do	35, 999	20	1	1										
South Omaha, Nebr.	July 25	26, 001								1					
Spokane, Wash. ....	Aug. 1	38, 848	26		3	4		2		5					
Springfield, Ill. ....	Aug. 6	34, 159	11												
Springfield, Mass. ....	Aug. 8	62, 059	20	1	2	5		2		2	1				
Springfield, Ohio ....	do	38, 253	17	6	1	2	1								
Steelton, Pa. ....	do	12, 068	3											1	
Tacoma, Wash. ....	July 26	37, 714	16		2	3	1	2							
Do	Aug. 2	37, 714	16		3			2		1					
Taunton, Mass. ....	Aug. 8	31, 036	13	2	2					1					
Terre Haute, Ind. ....	do	36, 673	18		1					1		2			
Titusville, Pa. ....	do	8, 244	2												
Toledo, Ohio. ....	Aug. 1	131, 822	33		2	5	1	2		1		1			
Do	Aug. 8	131, 822	41		1	4	2	1		2	1				
Topeka, Kans. ....	Aug. 1	33, 608	22		1							1			
Trenton, N. J. ....	Aug. 8	73, 397				1				1	1				
Waltham, Mass. ....	do	23, 481	5	1	2							4			
Washington, D. C.	Aug. 1	278, 718	116		20	33	6			2		13		12	2
Do	Aug. 8	278, 718	113		17	27	1			1		4	2	7	
Wheeling, W. Va. ....	do	38, 878	7			4		1		1					
Wilkes Barre, Pa. ....	July 17	51, 721	28			1	1	1		1		3			
Do	July 24	51, 721	26		1	1		3				4		1	
Do	July 31	51, 721	22					3						1	
Do	Aug. 7	51, 721	15			1		1		5		1		1	
Wilkinsburg, Pa. ....	Aug. 8	11, 886	4												
Williamsport, Pa. ....	do	28, 757	10			1									
Wilmington, Del. ....	do	76, 508	30		5		1								
Winona, Minn. ....	do	19, 714	5												
Woburn, Mass. ....	Aug. 7	14, 254	3					1							

• Intervening week previously reported.

## FOREIGN AND INSULAR.

### BRITISH EAST AFRICA.

#### *Plague at Port Florence.*

The following information is taken from the Wochen Bulletin of Switzerland, under date of July 30:

From June 11 to 22, 6 cases and 4 deaths of plague have been reported at Port Florence.

### BRITISH HONDURAS.

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

Acting Assistant Surgeon Mengis reports:

Week ended August 6. Present officially estimated population, 10,000. 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.
July 31	Bertha .....	New Orleans .....	23	1	8
Aug. 1	Statia <sup>a</sup> .....	London via Newport News.	36	2	.....

<sup>a</sup> Fumigated; from Trinidad via Barbados.

### CEYLON.

#### *Report from Colombo—Cholera present.*

Vice-Consul Doyle reports, July 13:

Week ended July 4. Twenty-seven cases, 14 deaths from cholera. Of these cases, 20 occurred in one institution. The remaining 7 were widely scattered.]

### CHINA.

#### *Reports from Hongkong—Quarantine restrictions—Plague and small-pox—Inspection of vessels.*

Acting Assistant Surgeon Hough reports, week ended July 4:

Restrictions enforced by Hongkong remain as reported on June 13.

Restrictions enforced against Hongkong remain as reported on June 13.

Quarantinable diseases: Plague, 65 cases, 61 deaths; smallpox, 4 cases, 2 deaths.

Vessels inspected and granted bills of health, 8.

COSTA RICA.

*Report from Limon, fruit port.*

Acting Assistant Surgeon Goodman reports:

Week ended August 1. Estimated population, 6,000. 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.
July 26	Esparta.....	Boston.....	45	0	0
27	Sarnia.....	New York.....	44	62	5
29	H. T. Inge.....	New Orleans.....	35	2	27
31	Chiripo.....	New York.....	44	3	0
Aug. 1	Luchana.....	Gulfport.....	24	0	0
	Origen.....	New Orleans.....	25	2	0

One bill of health for Panaman port was viséed, and certificates were issued to 2 passengers bound for Colon.

CUBA.

*Reports from Cienfuegos—Inspection and fumigation of vessels—City well cleaned—Mosquitoes.*

Acting Assistant Surgeon Villoldo in temporary charge reports, August 3 and 10:

*Week ended August 1.*

Vessels inspected and bills of health issued.....	3
Members of crews of outgoing vessels inspected.....	109
Passengers of outgoing vessels inspected.....	1
Vessels fumigated.....	3

No quarantinable diseases have been reported by the sanitary department. The town is kept very clean. Mosquitoes are abundant.

*Week ended August 8.*

Bills of health issued.....	4
Vessels inspected and fumigated prior to sailing.....	3
Members of crews inspected.....	54
Members of crews not inspected.....	41
Vessels not inspected.....	1

No quarantinable disease was reported during the week. Rains are frequent, and the sanitary condition of the town is fair.

*Reports from Habana—Inspection and fumigation of vessels—Zone of immunity extended on account of improved sanitary conditions—House and water-deposit inspection—Yellow fever at Daiquiri—Detention of passengers from Mexico.*

Passed Assistant Surgeon Amesse reports, August 10:

*Week ended August 8.*

Vessels inspected.....	12
Bills of health issued.....	17
Members of crews of outgoing vessels inspected.....	1,055
Passengers of outgoing vessels inspected.....	722
Certificates of immunity to yellow fever issued.....	20
Certificates issued to passengers bound for New York.....	158
Certificates issued to passengers bound for southern ports.....	142
Vessels fumigated prior to sailing.....	4



In view of improved sanitary conditions and the continued freedom of western Cuba from yellow fever, the zone of immunity was extended by Bureau order of August 5 to include the provinces of Pinar del Rio, Habana and Matanzas, and the Isle of Pines. Passengers from these districts en route for southern ports of the United States must submit satisfactory evidence of their residence to this office before receiving permission to proceed.

From Daiquiri, where 2 cases were under treatment at last report, 2 further invasions were registered during the week, with 1 death, leaving no cases in hospital on August 8.

The sanitary department reports 11,900 house inspections in Habana and 26 deposits of mosquito larvæ, of which 17 were those of *Stegomyia*.

To guard against infection from Mexico, quarantine was imposed against the ports of the Republic, August 8. All nonimmune passengers bound for Habana are to be detained at Tricornia for a period sufficient to complete 5 days from the port of origin. Those in transit will be kept under guard aboard ship.

*Report from Matanzas—Inspection and fumigation of vessels—Case of leprosy previously reported bacteriologically confirmed.*

Acting Assistant Surgeon Nuñez reports, August 4:

Week ended August 1. Bills of health issued to 2 vessels leaving for United States ports. One of these, the British schooner *Hieronymus*, having 9 members of crew, no passengers, bound for Mobile, Ala., was fumigated on July 31.

The case of leprosy mentioned in my previous report has been confirmed bacteriologically. This case developed in a woman 26 years old, a Cuban by birth, and residing in the city district of Pueblo Nuevo. She was taken sick three years ago while living with a relative who suffered and died from the same disease some time ago. The patient will shortly be ordered to Habana, there to be segregated at the San Lazaro Hospital.

During the month of July 12 bills of health were granted to vessels clearing for United States ports, having an aggregate number of 339 in the crews, and 7 passengers in transit for various ports in Cuba. Three vessels leaving for gulf ports were fumigated and certified to.

With the exception of leprosy no quarantinable diseases were reported within this district during the month.

*Report from Santiago—Inspection and fumigation of vessels—Quarantine of steamship Capenor from Curaçao—Mosquito inspection work—Yellow fever at Daiquiri.*

Acting Assistant Surgeon Wilson reports, August 5:

Week ended August 1. Bills of health were issued to seven vessels bound for the United States. The Norwegian steamship *Fridtjof Nansen* going from Daiquiri to Baltimore, loaded with iron ore, came here to be fumigated before going north. The vessel was put in quarantine by the Cuban authorities, and turned over to me for fumigation.

The British steamship *Capenor* from Curaçao was quarantined on arrival. There was no one sick on board.

No quarantinable disease was reported in the city during this week  
The mosquito inspection work in this city is as follows:

	Week ended—	
	July 25.	August 1.
Houses inspected .....	5,808	4,456
Houses in which larvæ were found.....	116	68
Reinspections.....		510

Since my letter of July 28 four new cases of yellow fever have been reported at Daquiri, namely:

(1) D. M., taken sick July 27; confirmed August 1. He is still under treatment.

(2) J. H., taken sick July 27; confirmed August 2; died August 3. Post mortem was made.

(3) F. Z., taken sick July 26; admitted to hospital July 28; confirmed August 3; discharged August 5.

(4) A. G., taken sick July 30; admitted to hospital July 31; confirmed August 4. He is still under treatment.

ECUADOR.

*Reports from Guayaquil—Inspection and fumigation of vessels—Plague, smallpox, and yellow fever.*

Assistant Surgeon Wightman reports, July 22 and 27, through Passed Assistant Surgeon Lloyd:

During the week ended July 4 one steamship was fumigated and given a bill of health. During the week 39 deaths were reported for Guayaquil, among which were the following: Yellow fever 2, smallpox 3, and plague 1.

Week ended July 11. One steamship fumigated and given bill of health.

For the same week 46 deaths were reported for Guayaquil, including yellow fever 1, smallpox 3, and plague 1.

EGYPT.

*Plague on steamship Orenoque from Syria at Port Said.*

The following is taken from official reports forwarded by Assistant Surgeon Wollenberg from Naples, under date of July 27:

The French steamship *Orenoque*, proceeding from Syria, arrived at Port Said July 8, 1908. One man of the crew had been taken ill on July 5 with fever and other symptoms. Two days after a glandular swelling appeared in the left axilla. The patient was isolated in the Port Said lazaretto and on bacteriological examination was proved to be suffering from plague.

HAWAII.

*Report from Honolulu—Examination of rats for plague infection.*

Passed Assistant Surgeon Currie reports, July 25, through Chief Quarantine Officer Cofer:

	Week ended July 25.
Rats trapped in Honolulu.....	577
Rats found dead in Honolulu.....	3
Total rats taken in Honolulu.....	580

Rats from Honolulu examined in this laboratory.....	427
Total rats examined bacteriologically.....	427
Total rats destroyed.....	580

*Classification of rats from Honolulu.*

Mus rattus.....	139
Mus Norvegicus.....	129
Mus alexandrinus.....	83
Mus musculus.....	229
Total classified.....	580
Average number of traps set daily.....	720
Rats from Honolulu showing plague infection.....	0

HONDURAS.

*Report from Ceiba, fruit port—Sanitary measures resumed—Stegomyia.*

Acting Assistant Surgeon Jumel reports:

Week ended August 4. Present officially estimated population, 6,500. General sanitary condition of this port and the surrounding country during the week, good. All of the sanitary measures which were discontinued on account of the recent revolution have been resumed. *Stegomyia calopus* present.

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.
July 31	Rosina.....	34	6	0	0
Aug. 2	Harald.....	19	0	1	0
3	Viator.....	17	0	0	0
3	Orleanian.....	32	3	0	0

*Report from Puerto Cortez, fruit port—Stegomyia present.*

Acting Assistant Surgeon Ames reports:

Week ended August 1. Present officially estimated population, about 2,400. General sanitary condition of this port and the surrounding country, very 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.
July 29	Harald.....	Mobile.....	19	0	0
29	Habil.....	New Orleans.....	15	3	0
29	Carib II.....	New York.....	8	0	0
30	Bodo.....	Mobile.....	18	4	0
31	Katie.....	do.....	22	0	0
31	Goldsboro.....	do.....	19	0	0

Temperature taken of all persons on above-named vessels on day of sailing, except the *Goldsboro*.

*Report from Tela, fruit port.*

Acting Assistant Surgeon Roe reports:

Week ended August 1. Present officially estimated population, about 1,250. 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.
	Rosina .....	New Orleans.....	34	0	0
	Harald .....	do .....	19	1	0

**INDIA.**

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

Acting Assistant Surgeon Allan reports, July 15:

During the week ended July 11 a bill of health was issued to the steamship *Wildenfels*, bound for Boston and New York, with a total crew of 64. The usual precautions were taken, the holds fumigated, rat guards placed on the wharf lines, and the Asiatics' effects disinfected.

During the week ended July 4 there were 29 deaths from cholera, 19 from plague, and 4 from smallpox in Calcutta. In Bengal there were 27 cases with 23 deaths from plague. In India during the same period there were 512 cases with 435 deaths from plague.

**ITALY.**

*Report from Naples—Inspection of vessels—Emigrants recommended for rejection.*

Assistant Surgeon Wollenberg reports, July 27:

*Vessels inspected at Naples week ended July 25.*

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
July 21	Madonna .....	New York .....	136	25	220
23	Liguria .....	do .....	291	45	350
24	Konigin Luise .....	do .....	160	35	280
	Total .....		587	105	850

*Rejections recommended.*

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Suspected favus.	Other causes.	Total.
July 21	Madonna .....	6		1			7
23	Liguria .....	6		5			11
24	Konigin Luise.....	6		2			8
	Total .....	18		8			26

## JAMAICA.

*Report from Port Antonio—Measures adopted by central board of health for prevention of introduction of plague—Rat inoculation.*

Consul Snyder reports, July 28:

The central board of health of Jamaica, which is located at Kingston, dispatched one of its officers on the steamship *Solent* to make a circuit of the island, calling at the principal ports for the purpose of inoculating with Danyz's virus and distributing inoculated rats with a view to the destruction of the local rodents, on account of the existence of plague in Venezuela and Trinidad, and the possibility of its introduction into Jamaica.

This officer visited Port Antonio July 22 and distributed about 60 inoculated rats, which were set at liberty at the wharves and stores of this port.

The local authorities are purchasing live rats. These are to be inoculated and a further distribution made. The drains of Port Antonio are being sprinkled with lime twice weekly and all vacant lots and back yards cleared of brush and garbage.

## JAPAN

*Reports from Yokohama—Inspection of vessels—Epidemic enteric fever in the Yokohama prefecture.*

Passed Assistant Surgeon Cumming reports, July 20 and 29:

During the week ended July 18, bills of health were issued to 6 steamships, having an aggregate personnel of 108 saloon and 562 steerage passengers, with 692 members of crews.

The tank steamship *Soyo Maru* was bound to Port Arthur, Tex., via Suez; 3 vessels were bound 1 each to Tacoma, Seattle and Portland, Oreg., and 2 to San Francisco via Honolulu.

Health conditions in this community continue good.

Typhoid fever is now epidemic at Yokosuka (naval station near here), at Kamamura and Odawara, two communities on the south shore near here, and in other communities in this prefecture, but only six cases were reported for this city during the week ended July 13.

No additional plague-infected rats have been reported.

During the week ended July 25 bills of health were issued to 6 steamships having an aggregate personnel of 64 saloon and 365 steerage passengers and with 574 persons in the crews. Of these vessels 3 were bound for Manila and 1 each for San Francisco (via Honolulu), Seattle, and New York.

*Examination of emigrants.*

Number of emigrants per steamship *Siberia* recommended July 17 for rejection: For Honolulu 2, advised to wait 7.

Per steamship *China*, July 22. For Honolulu 2, advised to wait 3. Rejections and detentions were for trachoma.

*Report from Kobe—Inspection of vessels—Smallpox and plague at Osaka.*

Acting Assistant Surgeon Slade reports, July 21:

During the week ended July 18, 4 supplemental bills of health were granted to 4 steamers.

There were inspected 60 members of crews and 499 steerage passengers; 146 steerage passengers were bathed and disinfected and had their effects disinfected by steam. The number of pieces of baggage steamed was 358 and bedding 292. Manifests were viséed for 49,746 pieces of freight, amounting to 3,899 tons.

Emigrants were examined as follows: Steamship *Siberia*, for Honolulu, passed, 43; recommended for rejection, 16; steamship *Siberia*, for San Francisco, passed, 1; recommended for rejection, none; steamship *Tosa Maru*, for Seattle, passed, 63; recommended for rejection, 17; steamship *China*, for Honolulu, passed, 30; recommended for rejection, 13; steamship *China*, for San Francisco, passed, 2; recommended for rejection, none.

The emigrants passed, together with 6 intending passengers to Victoria by the steamship *Tosa Maru*, were inspected, bathed, and disinfected, and their effects disinfected before embarkation. During the week 120 cases of human hair and 8 trunks of personal effects were disinfected with formalin.

The report from Osaka for the week ended July 11 shows smallpox 2 cases with 2 deaths. No cases or deaths from plague have appeared in Osaka since June 22.

In view of the fact that smallpox has almost disappeared from Osaka, the special restrictions imposed on account of the epidemic in that city of the disease were withdrawn July 16. From the day when the disease first broke out, January 3, 1908, until the restrictions were removed there were 2,697 cases with 1,228 deaths.

MARTINIQUE.

*Report from Fort de France—Yellow fever.*

The following information is received through the Department of State, under date of August 15:

Cablegram from the consulate, Fort de France, Martinique, "yellow fever."

[MEXICO.

*Report from Progreso—Inspection and fumigation of vessels.*

Acting Assistant Surgeon Harrison reports, August 5:

Period July 23 to August 5. Bills of health were issued to 6 steamships, with 372 members of crews and 92 passengers from this port. Of these vessels 1 for Texas City was fumigated.

*Report from Salina Cruz—Inspection and fumigation of vessels.*

Acting Assistant Surgeon McPherson reports, August 1:

Period July 16 to 31, inclusive, 2 steamships cleared from this port for the United States and dependencies, as follows: The steamship

*Columbian* sailed July 16 for Honolulu, via San Francisco, Cal., and was inspected and fumigated; and the steamship *Nebraskan* sailed July 29 for San Diego, Cal., after inspection.

*Report from Veracruz—Inspection and fumigation of vessels—Increase of mosquitoes—Sanitary work continued—Yellow fever.*

Acting Assistant Surgeon Jacobs reports, August 2:

Week ended August 1. Vessels inspected and fumigated, 3; vessels inspected only, 6. Total members of crews, 393; cabin passengers, 106; steerage passengers, 76.

Little rain has fallen in the past two weeks, giving mosquitoes a chance to breed, which is shown by increase of *Culex* and *Anopheles*. *Stegomyia calopus* are not plentiful.

The sanitary authorities are continuing their work of filling in low ground and ditching.

August 14. One more new case reported to-day.

#### NICARAGUA.

*Report from Bluefields, fruit port.*

Acting Assistant Surgeon Layton reports:

Week ended July 28. Present officially estimated population, 2,500. General sanitary condition of this port and the surrounding country during the week, good. Thirteen passengers embarked here on steamship *Bluefields*—6 for Cape Gracias a Dios, Nicaragua, and 7 for New Orleans. Cape Gracias passengers received no Service certificate; were to be landed at the Cape in their own boat; ship to have no communication with the shore.

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.
July 25	Bluefields .....	New Orleans, via Cape Gracias, Nicaragua.	23	13	0

Temperatures of all on board taken prior to sailing.

#### PERU.

*Report from Callao—Inspection and fumigation of vessels—Status of plague in Peru—Smallpox and leprosy at Lima—Inspection of steerage passengers at Salaverry—Plague in Chilean ports.*

Acting Assistant Surgeon Gutierrez reports, July 20:

Week ended July 18. Three steamships received bills of health: Aggregate personnel, 210 members of crews, 76 cabin and 48 steerage passengers. The 3 vessels were fumigated.

The following is the latest report on plague in Peru received from the Director de Salubridad Pública:

Locality.	Cases July 7.	New.	Recovered.	Died.	Remaining July 13.
Lima (city).....	9	{ 11 2 }	3	6	13
Lima (country).....					
Callao.....	3		2		1
Trujillo (city).....	33	12	2	7	36
Trujillo (country).....					
Mollendo.....	2				2
Chiclayo.....	1				1
Chepen.....		7			7

On July 13 there were 5 cases of smallpox isolated in the lazaretto at Lima.

This is the worst season for Lima and Callao with respect to plague. Every year this disease increases from June to August. This year the increase is less than in preceding years.

In Salaverry, since May 2, plague has been present. The sanitary conditions there are unchanged. I have notified the agents of the navigation companies not to accept steerage passengers without previous inspection on shore by the sanitary physician of the port. The Director de Salubridad Pública has ordered the port physician of Salaverry to perform this duty. The captains have strict orders to refuse every piece of steerage baggage not inspected or disinfected and not having the official label.

For a long time there was no report of leprosy in Lima or Callao, but the press has lately reported a patient suffering with leprosy who received treatment in the hospital. This patient came in a steamship from the northern part of Peru, and is at present isolated in the hospital of the incurables in Lima.

The bills of health from Chile report plague as follows: Antofagasta (July 12), 3 cases, no deaths; Iquique (July 14), 3 cases, 1 death; Arica (July 15), 1 case, no death.

#### PORTO RICO.

*Report from Ponce—Transactions of Service, month of July, 1908.*

Acting Assistant Surgeon Ferrer-Torres reports, August 1, through Chief Quarantine Officer Foster:

#### *Month of July, 1908.*

Vessels inspected.....	10
Vessels in quarantine.....	5
Passengers inspected:	
Incoming.....	78
In transit.....	379
Crew inspected.....	538
Passengers in quarantine.....	30
Immigrants inspected.....	10
Rejections.....	0
Bills of health issued.....	25
Pieces of baggage disinfected.....	15



## RUSSIA.

*Cholera in the government of Astrachan.*

The following is received from Consul-General Thackara, at Berlin, under date of August 7:

In the government of Astrachan, according to official statistics, there have been registered, up to August 6, 51 cases of cholera with 24 deaths, in the city of Zarizyn 96 cases with 55 deaths, in the city of Saratov 14 cases with 2 deaths. The Volga from Samara to Nishni-Novgorod and Rostov on the Don have been declared to be threatened with cholera.

## ST. LUCIA ISLAND.

*Report from Castries—Sanitary conditions—Smallpox on steamship Peruviana from Rio de Janeiro.*

Acting Assistant Surgeon Maylie reports, July 27:

Week ended July 25. Sanitary condition of this port and vicinity good. No quarantinable diseases exist.

The steamship *Peruviana* arrived here July 18 with the following history: Arrived at Rio de Janeiro June 23, sailed from there July 3; captain taken sick at sea with smallpox July 8; captain died and buried at sea July 16; the vessel sailed from here July 19 after 24 hours' fumigation with 5 per cent sulphur dioxide, destination Baltimore; captain's quarters disinfected with 5 per cent carbolized solution; 3 officers and steward (the latter being the sole attendant to captain during his illness) were vaccinated; the captain's body was handled by three members of the crew who have had smallpox; one man, a fireman, was taken off the ship with T. 38.8, C. and P. 112. He was taken by waterway to Rat Island (the quarantine station) for 12 days' detention before being sent to the general hospital; the temperature and pulse of the remainder of the crew of 25 were normal. The ship was anchored well out in the bay and had no communication with the shore. The officers state that all of the bedding, clothing, and utensils used by the captain were thrown overboard. A synopsis of the above was noted on the bill of health.

## VENEZUELA.

*Report from La Guaira—Removal of quarantine restrictions—Railway traffic resumed with Caracas—Status of plague at Caracas.*

Consular Agent Brewer reports, July 24:

Restrictions placed upon ships plying between the ports of Venezuela have been removed, and the ships of all nations are now allowed to enter the port and be dispatched for any Venezuelan or foreign port. French, Norwegian, and German ships have made entry since the opening of the port. Regular communication with Caracas has been reestablished by the La Guaira and Caracas Railway, and mail is received for all points, foreign and local.

Sanitary conditions are more satisfactory now than for some time past, no cases of plague having appeared, as far as we have been able to determine, since the last report was made to the Department. At Caracas, however, from 15 to 18 cases of plague occurred between July 4 and July 18.

The consular agent at Caracas, in a letter to this office dated July 18, has the following to say in regard to the sanitary conditions at Caracas:

"During the past two weeks there has been a marked increase in the number of cases of bubonic plague in this city. Although no official statistics are obtainable, I conclude that there have been at least 15 to 18 new cases since July 4, the majority of which have resulted fatally. One of the most serious aspects of the epidemic is that it is not confined to any one locality, the cases occurring in many different parts of the city."

*Report from Maracaibo—Sanitary work—Fumigation of incoming vessels.*

Consul Plumacher reports, July 20:

The several boards of health of the district of the city of Maracaibo are working well together to keep the city clean. It has been agreed to build a large crematory for all the offal from the streets and the houses in the city. All the public places, especially the market places, have been well cleaned and are now kept in good sanitary condition. Incoming vessels are closely inspected and fumigated as well as all incoming mail. The port of La Guaira is open again and American steamers leave from here for La Guaira and Puerto Cabello. The city council at its last meeting decided to build a pesthouse on the small island near Maracaibo.

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

*AFRICA—Kimerley.*—Month ended July 11, 1908. Estimated population, 54,141. Total number of deaths, 78.

*Lourenço Marquez.*—Month of June, 1908. Estimated population, 10,000. Total number of deaths, 48, including beriberi 1, enteric fever 1, and 6 from tuberculosis.

*Orange River Colony, Bloemfontein.*—Month of June, 1908. Estimated population, 12,000. Total number of deaths, 15, including enteric fever 1 and 1 from tuberculosis.

*Zanzibar.*—Month of June, 1908. Estimated population, 75,000. Total number of deaths, 132, including smallpox 1, and 17 from tuberculosis.

*AZORES—St. Michaels and St. Marie.*—Month of May, 1908. Estimated population, 127,566. Total number of deaths, 215, including diphtheria 1, and 5 from tuberculosis.

*BORNEO—Sandakan.*—Month of May, 1908. Estimated population, 10,495. Total number of deaths, 36, including 13 from smallpox.

*BRAZIL—Ceará.*—Month of June, 1908. Estimated population, 50,000. Total number of deaths, 98, including enteric fever 4, whooping cough 3, and 25 from tuberculosis.

*Pernambuco.*—Month of May, 1908. Estimated population, 210,000. Total number of deaths, 636, including smallpox 55, enteric fever 2, malarial fever 27, leprosy 2, whooping cough 1, and 124 from tuberculosis.

*Sao Paulo, Santos, and Campinas.*—Week ended July 5, 1908. Estimated population, 300,000. Total number of deaths, 188, including smallpox 2, and 10 from tuberculosis.

CANADA—*Ontario, Niagara Falls.*—Month of July, 1908. Estimated population, 9,500. Total number of deaths, 16.

FRANCE—*Calais.*—Month of July 1908. Estimated population 70,000. Total number of deaths, 67, including enteric fever 1, scarlet fever 1, and 17 from tuberculosis.

GREAT BRITAIN—*England and Wales.*—The deaths registered in 76 great towns in England and Wales during the week ended July 25, 1908, correspond to an annual rate of 11.9 per 1,000 population, which is estimated at 16,234,952.

*London.*—One thousand and thirty-four deaths were registered during the week, including measles 29, scarlet fever 10, diphtheria 7, whooping cough 14, enteric fever 4, tuberculosis 134, and 42 from diarrhea. The deaths from all causes correspond to an annual rate of 11.2 per 1,000. In Greater London 1,488 deaths were registered. In the "outer ring" the deaths included 6 from measles, 1 from scarlet fever, 3 from diphtheria, and 3 from whooping cough.

*Portsmouth.*—Four weeks ended June 13, 1908. Estimated population, 208,291. Total number of deaths, 184, including diphtheria 4, measles 1, and whooping cough 5.

*Ireland.*—The average annual death rate represented by the deaths registered during the week ended July 25, 1908, in the 21 principal town districts of Ireland was 15.1 per 1,000 of the population, which is estimated at 1,131,959. The lowest rate was recorded in Newry, viz, 4.2, and the highest in Newtownards, viz, 22.9 per 1,000.

*Scotland.*—The deaths registered in 8 principal towns during the week ended July 25, 1908, correspond to an annual rate of 14.3 per 1,000 of the population, which is estimated at 1,839,038. The highest rate of mortality was recorded in Dundee, viz, 17.9, and the lowest in Edinburgh, viz, 10.4 per 1,000. The aggregate number of deaths registered from all causes was 505, including measles 6, scarlet fever 3, enteric fever 1, and 25 from whooping cough.

MALTA.—Two weeks ended July 18, 1908. Estimated population, 206,690. Total number of deaths, 239, including diphtheria 1, enteric fever 4, and 12 from tuberculosis.

MEXICO—*Tampico.*—Month of July, 1908. Estimated population, 20,000. Total number of deaths, 112, including 20 from tuberculosis.

SWITZERLAND.—Week ended July 18, 1908. Reports from 18 cities, having an aggregate population of 876,946, show as follows: Total number of deaths, 221, including diphtheria 2, enteric fever 1, measles 2, whooping cough 1, and 51 from tuberculosis.

WEST INDIES—*St. Thomas.*—Three months ended June 30, 1908. Estimated population, 11,002. Total number of deaths, 69, including enteric fever 1, diphtheria 1, and 8 from phthisis pulmonalis.

*Cholera, yellow fever, plague, and smallpox, from June 26 to August 21, 1908.*

[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, 27, 1907, to June 26, 1908, see PUBLIC HEALTH REPORTS for June 26, 1908.]

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

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Ceylon, general .....	May 17-23 .....		1	
Colombo .....	June 7-July 4 .....	27	17	20 cases in the asylum for the insane.
China:				Present.
Amoy .....	Aug. 11 .....			Do.
Canton .....	June 21-27 .....			
Hankau .....	July 19-25 .....		2	Prevalent among Europeans and natives.
Hongkong .....	June 14-27 .....	5	4	
India:				
Bombay .....	May 20-July 14 .....		5	
Calcutta .....	May 10-July 4 .....		481	On S. S. Annie en route May 23-June 1, 2 deaths.
Madras .....	May 16-June 10 .....		30	
Rangoon .....	May 17-July 4 .....		48	
Indo-China:				
Bien Hoa .....	June 21-27 .....	60	59	
Cholen .....	May 10-July 4 .....	135	131	
Saigon .....	May 10-June 27 .....	88	61	Reports May 23 and June 6 include Cholen.
Philippine Islands:				
Manila .....	June 7-13 .....	1	1	3 cases to June 23 on railroad from Pangasinan Province. First quarter calendar year 1908, 203 cases, 167 deaths. First quarter calendar year 1903, 806 cases, 628 deaths.
Provinces .....				
Bataan .....	Jan. 1-Mar. 31 .....	20	18	
Bulacan .....	Jan. 1-Mar. 31 .....	91	72	
Capiz .....	Jan. 1-May 23 .....	236	191	June 13, 100 cases daily.
Cavite .....	Jan. 1-Mar. 31 .....	22	20	
La Laguna .....	Jan. 1-Mar. 31 .....	3	2	
Mindoro .....	Jan. 1-Mar. 31 .....	32	20	
Pampanga .....	Jan. 1-Mar. 31 .....	145	128	
Pangasinan .....	Jan. 1-May 23 .....	388	268	Do.
Rizal .....	Jan. 1-Mar. 31 .....	143	116	
Tarlac .....	Jan. 1-Mar. 31 .....	10	8	
Zambales .....	Feb. 2-Mar. 31 .....	62	48	
Russia:				
Astrachan .....	July 21-Aug. 6 .....	51	24	
Batoom .....	Aug. 10 .....			Present in vicinity.
Moscow district .....	Aug. 10 .....			Present.
Rostov .....	Aug. 10 .....			Do.
Saratov .....	Aug. 6 .....	14	2	
Zarizyn .....	July 24-Aug. 6 .....	96	55	
Siam:				
Bassein .....	May 10-16 .....			Do.
Straits Settlements:				
Singapore .....	May 10-16 .....		1	

YELLOW FEVER.

Brazil:				
Manaos .....	May 26-July 11 .....	27	22	
Para .....	May 31-July 25 .....	19	19	
Pernambuco .....	June 15-30 .....	1		
Rio de Janeiro .....	June 1-28 .....	3	3	
Cuba:				
Santiago Province—				
Daiquiri .....	June 27-Aug. 5 .....	19	4	
Curacao .....	June 28-July 3 .....	1	1	Imported.
Ecuador:				
Guayaquil .....	May 31-July 11 .....		10	
Martinique:				
Fort de France .....	June 27 .....	1	1	Aug. 17, still present.
Mexico:				
Frontera .....	July 12 .....	1		
Laguna de Terminos .....	June 9-July 12 .....	8	2	From May 18, 4 cases additional from S. S. Lembit.
Tierra Blanca .....	July 27 .....	1		
Veracruz .....	July 7-Aug. 14 .....	7	5	
Porto Rico:				
San Juan .....	July 5 .....			1 case on S. S. Julia.
Venezuela .....	June 26 .....	80	40	Estimated. In Upata, Guasi-pati, and Callao.

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

## PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
Australia:				
Brisbane .....	June 6-20 .....	2	1	Case, June 6-11, at Clifton.
Azores:				
Fayal .....	Aug. 10 .....	7	2	
Terceira .....	July 1-Aug. 10 .....	17	10	
Brazil:				
Pernambuco .....	June 1-15 .....		1	
Rio de Janeiro .....	May 11-July 12 .....	7		
Sao Paulo .....	May 18-31 .....		2	
British East Africa:				
Port Florence .....	June 11-22 .....	6	4	
British Gold Coast:				
Akkra .....	May 20-26 .....	3	3	
Chile:				
Antofagasta .....	May 18-July 12 .....	55	6	Present from May 21.
Arica .....	July 15 .....	1		
Iquique .....	May 20-July 14 .....	15	2	
China:				
Amoy .....	Apr. 26-July 11 .....			Present in native city and up-country districts. Mainly imported. June 27 still present.
Canton .....	May 1-June 9 .....	10		
Foochoo .....	Apr. 6-June 27 .....			Present.
Hongkong .....	May 10-June 20 .....	721	581	
Hsing-Sua .....	June 2-8 .....			Do.
Swatow .....	July 4 .....			Do.
Ecuador:				
Guayaquil .....	May 31-July 18 .....		19	
Egypt:				
Alexandria .....	May 27-July 28 .....	42	18	Case, July 9, from ss. Perseo. July 5, 1 case on S. S. Orenoque.
Port Said .....	July 3-27 .....	6	3	
Provinces—				
Assiout .....	May 27-July 5 .....	6	3	
Minieh .....	May 15-June 14 .....	4	1	
Dakahlieh .....	June 27 .....	1		
Garbieh .....	May 16-July 21 .....	21	2	
Fayoum .....	May 28-June 30 .....	170	44	
Beni Souef .....	May 29-July 25 .....	37	11	
Kena .....	May 28-July 25 .....	44	44	
Galyoobeeyeh .....	May 21-July 20 .....	38	13	
Menouf .....	May 26-July 30 .....	33	7	
India:				
Bombay Presidency and Sind .....	Apr. 26-June 27 .....	4,166	3,493	
Madras Presidency .....	Apr. 26-June 27 .....	373	248	
Bengal .....	Apr. 26-June 27 .....	811	758	
United Provinces .....	Apr. 26-June 27 .....	1,494	1,352	
Punjab .....	Apr. 26-June 27 .....	13,419	11,063	
Burma .....	Apr. 26-June 27 .....	1,073	1,083	
Central provinces, including Berar .....	Apr. 26-May 16 .....	23	19	
Coorg .....	May 24-June 27 .....	8	5	
Mysore State .....	Apr. 26-June 27 .....	481	382	
Central India .....	Apr. 26-May 16 .....	4	4	
Rajputana .....	Apr. 26-June 27 .....	624	469	
Kashmir .....	Apr. 26-June 27 .....	21	13	
Northwest frontier province .....	Apr. 26-June 27 .....	452	400	
Grand total .....		22,949	19,279	
Indo-China:				
Saigon .....	May 10-July 4 .....	76	67	Cholera included.
Japan:				
Formosa .....	May 10-July 18 .....	610	503	From May 15 epidemic at Taiwan; 26 cases reported daily.
Kobe .....	May 24-July 18 .....	3	1	
Nara .....	June 14-20 .....	14		
Osaka .....	May 10-June 27 .....	19	13	
Mauritius .....	June 5-11 .....	4	1	
Peru:				
Callao .....	May 20-July 6 .....	20	6	And vicinity.
Chepen .....	July 6-13 .....	7		
Chiclayo .....	May 20-July 6 .....	9	8	
Lima .....	May 20-July 13 .....	37	20	
Mollendo .....	June 2-22 .....	2	1	
Monsefu .....	June 2-8 .....	1		
Nlepos (Hualgayoc) .....	June 2-8 .....	2		
Salaverry .....	May 2-July 19 .....	17		
Trujillo .....	May 20-July 13 .....	120	60	

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

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Siam:				
Puket .....	May 9 .....			Present. Do.
Tongkah .....	May 4 .....			
Straits Settlements:				
Singapore .....	May 17-30 .....		2	
Trinidad:				
Port of Spain .....	June 4-July 4 .....	14	10	
Turkey in Asia:				
Adalia .....	July 27 .....	2		
Bagdad .....	June 7-July 25 .....	65	41	
Uruguay:				
Montevideo .....	Apr. 1-May 31 .....		5	
Venezuela:				
Caracas .....	June 10-27 .....	15	4	July 18-25, 5 cases, 3 deaths; July 4-21, 25 cases, estimated.
La Guaira .....	June 16-30 .....	5	2	Present to July 8.
Maiquetia .....	June 28 .....	1		Suburb of La Guaira.

SMALLPOX.

Algeria:				
Algiers .....	June 29-July 4 .....		2	
Arabia:				
Aden .....	May 28-July 20 .....		19	
Argentina:				
Buenos Aires .....	Mar. 1-May 31 .....		4	
Austria:				
Bukowina .....	July 12-18 .....	1		
Galicia .....	May 24-June 28 .....	4		
Silesia .....	July 19-25 .....	4		
Borneo:				
Sandakan .....	Apr. 16-June 15 .....	43	15	
Brazil:				
Bahia .....	May 1-June 30 .....	229	6	Report for April not received.
Campinas .....	June 29-July 6 .....		2	
Para .....	June 28-July 4 .....	2	2	
Pernambuco .....	May 1-June 30 .....		110	
Rio de Janeiro .....	May 11-July 12 .....	2,966	1,801	July 8-16 one case and 1 death on S. S. Peruviana in voyage to Castries and Baltimore.
Santos .....	May 18-July 12 .....		9	1 case July 10 from S. S. Spar- tan Prince.
Canada:				
Nova Scotia—				
Halifax .....	June 14-Aug. 8 .....	33		
Ontario—				
Hamilton .....	June 1-30 .....	3		
Ceylon, general .....	Apr. 1-30 .....		2	
Colombo .....	June 29-July 4 .....	7	2	
China:				
Amoy (Kulangsu) .....	Apr. 5-May 16 .....		1	Present.
Foochoo .....	Apr. 26-June 27 .....		1	
Hongkong .....	May 10-June 27 .....	23	18	Epidemic.
Nanking .....	June 11 .....			
Shanghai .....	May 18-June 28 .....	2	11	
Ecuador:				
Guayaquil .....	May 31-July 18 .....		19	
Egypt, general .....	May 14-July 8 .....	467	116	
Cairo .....	May 31-July 22 .....	38	16	
Suez .....	June 18-24 .....	4		
France:				
Paris .....	May 31-July 25 .....	8		
Toulon .....	May 1-31 .....	1		
Germany, general .....	May 24-July 18 .....	39		
Bremen .....	May 24-June 6 .....	3		
Great Britain:				
Liverpool .....	Apr. 30-June 6 .....	1		
India:				
Bombay .....	May 20-July 14 .....		168	
Calcutta .....	May 10-July 4 .....		48	
Madras .....	May 23-29 .....		1	
Indo-China:				
Cholen .....	May 24-July 4 .....	8	4	

<sup>a</sup> Cases among foreigners; deaths among natives.

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

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Italy, general .....	June 8-July 19...	169		
Catania .....	May 22-June 11...		1	
Genoa .....	May 1-31 .....	2		
Naples .....	June 7-July 18...	59	3	
Palermo .....	May 24-July 4...	19	3	
Turin .....	June 8-14.....	1		
Japan:				
Formosa .....	June 7-13.....	1		
Kobe .....	May 31-July 4...	12		May 30, 1 case on S. S. Mongolia; June 13, 1 case on S. S. Muncaster Castle
Nagasaki .....	May 26-31 .....	1		
Osaka .....	May 10-July 4...	114	58	
Yokohama .....	June 2-29.....	8		
Java:				
Batavia .....	May 10-July 4...	31	1	
Mexico:				
Agascalientes .....	June 8-July 12...		8	
Mexico City .....	May 10-June 20...		113	
Monterey .....	June 8-14.....		1	
Peru:				
Lima .....	June 1-July 4...	3		July 13, 5 cases in the lazaretto.
Philippine Islands:				
Manila .....	May 3-June 20...	70	39	First quarter calendar year 1908, 42 cases, 12 deaths.
Porto Rico:				
Mayaguez .....	June 7-27.....	6		
Portugal:				
Lisbon .....	May 31-July 25...	19		
Russia:				
Batum .....	May 1-31 .....	1		
Moscow .....	May 24-July 18...	189	78	
Odessa .....	May 24-July 11...	34	2	
Riga .....	June 7-July 18...	17		
St. Petersburg .....	May 17-July 18...	402	100	
Warsaw .....	May 10-June 6.....		22	
Siberia:				
Vladivostok .....	May 6-June 14....	8		
Spain:				
Barcelona .....	June 1-July 31....		7	
Cadiz .....	July 27 .....			Present.
Malaga .....	July 27 .....			Do.
Valencia .....	June 1-Aug. 1....	78	7	
Straits Settlements:				
Singapore .....	May 24-July 13...		5	
Turkey in Asia:				
Bagdad .....	May 10-July 4....	133	31	
Smyrna .....	May 13-June 16...		6	
Turkey in Europe:				
Constantinople .....	June 1-July 26....		52	
Zanzibar .....	June 8-14.....		1	





Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Lyon.....	July 18	472, 114	143	27						1		1	1	
Do.....	July 25	472, 114	149	40						1		3	1	
Madras.....	July 3	509, 346	335											
Magdeburg.....	July 18	247, 804	91	7						1		1	2	
Manchester.....	July 25	631, 533	193	19							2	2	5	2
Manzanillo.....	July 25	1, 700	2											
Do.....	Aug. 1	1, 700	2											
Matamoras.....	July 25	8, 000	5	2										
Do.....	Aug. 1	8, 000	4											
Mayaguez.....	July 25	35, 700	29	2						1				1
Mexico.....	June 20	400, 000	503	38				18	14		5	5	1	2
Milan.....	July 19	900, 000	204	32						1	1		3	
Monterey.....	Aug. 3	100, 000	60	3									1	
Montreal.....	Aug. 1	378, 856	160	15						1		2		3
Moscow.....	July 18	1, 335, 104	812	69				7	2	3	5	2	25	3
Munich.....	do.....	556, 000	181	38						1	1	1	2	2
Nantes.....	Aug. 2	133, 247	56	5						1				
Nottingham.....	July 18	255, 000	46							1			1	
Do.....	July 25	255, 000	52							1				
Odessa.....	July 4	467, 000	154	11							3		2	1
Do.....	July 11	467, 000	186	13						2	1	4	1	3
Paris.....	July 25	2, 776, 394	752	182						2	1	4	4	7
Penang.....	June 27	101, 469	99	20										
Do.....	July 4	101, 469	97	14										
Plymouth.....	July 25	116, 000	29											
Port Elizabeth.....	July 11	32, 959	14	2										
Port-of-Spain.....	July 18	60, 000	23	4							1			
Prague.....	do.....	231, 780	101	29										
Rangoon.....	June 27	252, 155	211	3	35	4								
Rio de Janeiro.....	July 12	811, 265	511	65				215		1		1	1	
Rotterdam.....	July 25	407, 502	99							1	2	1		
Do.....	Aug. 1	407, 502	116							1	5	1		
St. John, N. B.....	Aug. 8	40, 789	9	2						1		1		
St. Petersburg.....	July 18	1, 678, 000	782	84				5	30		3	11	55	7
St. Stephen.....	Aug. 8	2, 840	2											
Salina Cruz.....	July 26	4, 000	6											
San Felix de Guixols.....	Aug. 1	11, 094	3											
Santiago de Cuba.....	do.....	45, 497	13	2										
Schiedam.....	July 11	30, 935	9											
Do.....	July 18	30, 935	9											
Singapore.....	June 20	260, 000	253	33				1		1				
Do.....	June 27	260, 000	292	24						3				
Southampton.....	July 25	122, 126	14	1										
South Shields.....	do.....	115, 535	32	4										
Stockholm.....	July 11	337, 460	100	20										
Sunderland.....	July 25	157, 495	44	2								1		
Trieste.....	do.....	213, 719	90							1	1			
Turin.....	July 12	373, 701	135	10										
Do.....	July 19	373, 701	139	15						1	1	3		
Vevey.....	July 18	14, 000	4											
Victoria, B. C.....	Aug. 1	27, 500	4	1										
Vienna.....	July 25	2, 021, 052	579	104						4	3	1	12	4
Vigo.....	do.....	36, 000	9	4										
West Hartlepool.....	do.....	66, 750	19											
Winnipeg.....	Aug. 8	117, 000	82							1			1	

By authority of the Secretary of the Treasury:

WALTER WYMAN,

Surgeon-General,

United States Public Health and Marine-Hospital Service.