

# PUBLIC HEALTH REPORTS.

## UNITED STATES.

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

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

Passed Assistant Surgeon Blue reports:

SAN FRANCISCO, CAL.

*Week ended August 22.*

Date of last case .....	Sickened, January 30, 1908
Sick inspected .....	12
Dead inspected .....	72
Premises inspected .....	14,471
Houses disinfected .....	178
Houses destroyed .....	4
Nuisances abated .....	1,827
Buildings condemned .....	12
Rats found dead .....	517
Rats trapped .....	4,658
Total rats taken .....	5,175
Rats identified:	
<i>Mus norvegicus</i> .....	3,931
<i>Mus rattus</i> .....	76
<i>Mus musculus</i> .....	771
Total .....	4,778
Rats examined bacteriologically .....	3,234
Poisons placed .....	128,052

*Outgoing quarantine transactions.*

Passed Assistant Surgeon Hobby reports:

*Week ended August 15.*

Vessels fumigated and certified .....	18
Vessels certified .....	59

*Report from Seattle, Wash.—Plague-prevention work.*

Passed Assistant Surgeon Glover reports:

*Week ended August 22.*

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

Rats received .....	1,250
Rats necropsied .....	1,205
Plague rats found .....	0
Plague-infected rats to date .....	20
Vessels inspected .....	5
Vessels fumigated .....	6

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

CALIFORNIA—*Sacramento*.—Month of July, 1908. Estimated population, 50,000. Total number of deaths, 58, including 6 from tuberculosis. Cases: Diphtheria 7, measles 2, smallpox 1, and scarlet fever 8.

FLORIDA.—Reports from the State board of health for the week ended August 22, 1908, show as follows: Enteric fever—*Jacksonville*, 5 cases; *Tampa*, 3 cases; *De Funiak Springs*, 2 cases; *Ocala*, *Middleburg*, *Green Cove Springs*, *Plant City*, *Fort Meade*, and *Daytona Beach* each 1 case. Diphtheria—*Pensacola*, 1 case. Tuberculosis—*Jacksonville*, 2 cases; *Tampa* and *Orlando* each 1 case.

MICHIGAN.—Month of July, 1908. There were 2,655 deaths returned to the department of state as having occurred during the month of July, which corresponds to an annual death rate of 12.1 per 1,000 estimated population. There was an increase of 140 over June, and an increase of 64 over the number returned for the corresponding month of 1907.

Important causes of death were as follows: Pulmonary tuberculosis, 190; other forms of tuberculosis, 25; enteric fever, 38; diphtheria and croup, 17; scarlet fever, 7; measles, 8; whooping cough, 23.

MINNESOTA—*Minneapolis*.—Month of July, 1908. Estimated population, 300,000. Total number of deaths, 229, including diphtheria 5, enteric fever 2, and 30 from tuberculosis. Cases: Diphtheria 39, enteric fever 5, scarlet fever 14, smallpox 4, and tuberculosis 26.

NEBRASKA—*Lincoln*.—Month of June, 1908. Estimated population, 60,000. Total number of deaths, 38, including enteric fever 1 and 2 from tuberculosis.

Month of July, 1908. Total number of deaths, 46, including enteric fever 1 and 7 from tuberculosis. Cases: Scarlet fever 1.

NEW YORK—*Saratoga Springs*.—Month of June,<sup>a</sup> 1908. Estimated population, 11,822. Total number of deaths 22, including 2 from tuberculosis. Cases: Enteric fever 1, scarlet fever 1, and tuberculosis 5.

*Troy*.—Month of July, 1908. Estimated population, 77,650. Total number of deaths, 142, including enteric fever 5 and 15 from tuberculosis. Cases: Enteric fever 6 and tuberculosis 9.

OHIO—*East Liverpool*.—Month of July, 1908. Estimated population, 20,000. Total number of deaths, 21, including enteric fever 3 and 3 from tuberculosis. Cases: Enteric fever 6 and scarlet fever 1.

TEXAS—*Fort Worth*.—Month of July, 1908. Estimated population, 70,000. Total number of deaths, 49. Cases: Enteric fever 8 and scarlet fever 1.

UTAH.—Month of July, 1908. Reports to the State board of health from 27 counties, having an estimated population of 346,873, show as

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

follows: Total number of deaths, 241, including diphtheria 4, enteric fever 1, whooping cough 3, scarlet fever 3, smallpox 1, and 11 from tuberculosis. Cases: Diphtheria 61, enteric fever 39, measles 36, scarlet fever 50, smallpox 19, whooping cough 176, and tuberculosis 15 (incomplete).

WASHINGTON—*Seattle*.—Month of July, 1908. Estimated population, 276,562. Total number of deaths, 146, including diphtheria 3, enteric fever 2, and 14 from tuberculosis. Cases: Diphtheria 39, measles 7, enteric fever 25, scarlet fever 32, and smallpox 16.

*Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, June 27 to September 4, 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.
Alabama:				
Huntsville .....	Jan. 6-June 18 .....	95		And vicinity.
Mobile .....	June 7-July 4 .....	9		
Total for State .....		94		
Arkansas:				
Texarkana .....	Dec. 1-June 15 .....			Present.
California:				
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.
Los Angeles .....	June 7-July 4 .....	6		
Oakland .....	Apr. 1-July 31 .....	16		
Sacramento .....	May 1-July 31 .....	4		Reported out of date. June 1-13, mainly on Pala Indian Reservation.
San Bernardino .....	Dec. 11-July 11 .....	54		
San Diego County .....	June 1-Aug. 3 .....	98		June 6-27, 5 cases from day steamer City of Long Beach.
Escondido .....	June 1-Aug. 3 .....	15		
San Diego .....	June 1-Aug. 3 .....	25		
San Francisco .....	June 6-Aug. 22 .....	43		
Stockton .....	July 1-31 .....	1		
Total for State .....		262		
Delaware:				
Reedy Island Quarantine Station.	Aug. 9 .....	1		From steamship Haverford.
Total for State .....		1		
District of Columbia:				
Washington .....	June 14-27 .....	8		
Total for District .....		8		
Idaho:				
Carey .....	May 21-Aug. 4 .....	21		
Total for State .....		21		
Illinois:				
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		
Effingham County .....	May 1-31 .....	1		
Iroquois County .....	May 1-31 .....	3		
Jo Daviess County .....	May 1-31 .....	1		
Kane County .....	May 1-31 .....	37		

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Illinois—Continued.</b>				
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.....	1		
Will County.....	May 1-31.....	1		
Joliet.....	May 1-31.....	19		
Total for State.....		312		
<b>Indiana:</b>				
Allen County.....	Apr. 1-June 30.....	4		
Fort Wayne.....	June 21-Aug. 8.....	5		
Bartholomew County.....	Apr. 1-30.....	1		
Boone County.....	Apr. 1-June 30.....	4		
Carroll County.....	May 1-June 30.....	67	1	
Clark County.....	Apr. 1-June 30.....	34		
Jeffersonville.....	June 1-July 31.....	25	1	
Dearborn County.....	Apr. 1-June 30.....	5		
Dekalb County.....	Apr. 1-June 30.....	15		
Delaware County.....	Apr. 1-June 30.....	23		
Floyd County.....	June 1-30.....	1		
Fountain County.....	June 1-30.....	4		
Fulton County.....	Apr. 1-30.....	19		
Grant County.....	Apr. 1-June 30.....	55		
Hendricks County.....	Apr. 1-30.....	1		
Howard County.....	Apr. 1-30.....	15		
Huntington County.....	Apr. 1-30.....	38		
Jackson County.....	Apr. 1-June 30.....	4		
Jefferson County.....	June 1-30.....	6		
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-June 30.....	41		
Indianapolis.....	June 8-Aug. 23.....	48	1	
Marshall County.....	Apr. 1-30.....	1		
Miami County.....	Apr. 1-30.....	16		
Morgan County.....	Apr. 1-30.....	2		
Newton County.....	Apr. 1-30.....	2		
Noble County.....	Apr. 1-June 30.....	15		
Orange County.....	Apr. 1-30.....	1		
Owen County.....	Apr. 1-30.....	4		
Park County.....	June 1-30.....	1		
Porter County.....	June 1-30.....	1		
St. Joseph County.....	June 1-30.....	6		
South Bend.....	June 29-Aug. 15.....	10		
Scott County.....	June 1-30.....	2		
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		
Vanderburg County.....	June 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-June 30.....	12		
Total for State.....		670	4	
<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		

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

Place.	Date.	Cases.	Deaths.	Remarks.
<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		
Jackson County.....	Apr. 1-June 30	39		
Jefferson County.....	Apr. 1-June 30	11		
Jewell County.....	May 1-31	3		
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		
Sedgwick 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-Aug. 22	16		
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-Aug. 22	6		
Total for State.....		943		
<b>Kentucky:</b>				
Covington.....	June 21-Aug. 29	5		
Lexington.....	July 12-18	3		
Total for State.....		8		
<b>Louisiana:</b>				
New Orleans.....	June 14-July 25	20	1	
Total for State.....		20	1	

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Maryland:</b>				
Baltimore .....	July 5-11 .....	1		
Total for State .....		1		
<b>Massachusetts, general .....</b>	<b>May 1-31 .....</b>	<b>1</b>		
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 .....	81		
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 .....	6		
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		
Sangamon 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		
Sbiawassee 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		
Fairbault 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-July 31 .....	25		
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		

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Minnesota—Continued.</b>				
Kandiyohi County	May 4-15	16		
Kittson County	Apr. 14-June 1	3		
Koochiching 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	3		
Martin County	Apr. 28-June 15	5		
Meeker County	Apr. 28-June 8	24		
Millelacs 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		
Redwood County	Apr. 28-June 15	13		
Benvenue 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		1,159		
<b>Missouri:</b>				
Conway	Apr. 20-June 19	29		Present and in vicinity.
Durham	May 1-July 1			
Kansas City	June 14-Aug. 8	6		And vicinity.
La Belle	May 1-July 1	7		
Lewiston	May 1-July 1	18		Do.
Monticello	May 1-July 1	1		
St. Joseph	June 7-Aug. 22	31		
St. Louis	June 14-20	1		
Total for State		93		
<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	3		
Rosebud County	June 1-30	2		
Silverbow County—				
Butte	June 1-Aug. 18	3		
Valley County	May 1-31	4		
Total for State		162		

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

Place.	Date.	Cases.	Deaths.	Remarks.
<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> .....	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 .....	38		
Camden County .....	Apr. 1-June 30 .....	25		
Caswell County .....	June 1-30 .....			
Chatham County .....	Apr. 1-30 .....	2		
Chowan County .....	Apr. 1-May 31 .....	13		
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		
Greensboro .....	Aug. 12-22 .....	1		
Johnston County .....	Apr. 1-June 30 .....	47		
Mecklenburg County— Charlotte .....	June 14-Aug. 15 .....	4		
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		
Total for State .....		238		
<b>Ohio, general</b> .....	Apr. 25-June 13 .....	200		
Canton .....	June 7-13 .....	1		
Cincinnati .....	June 20-Aug. 23 .....	8		
Dayton .....	June 14-Aug. 22 .....	16		
Springfield .....	July 12-13 .....	1		
Toledo .....	June 14-Aug. 16 .....	12		
Troy .....	Apr. 15-July 3 .....	28		
Total for State .....		266		
<b>Oregon:</b>				
Portland .....	Apr. 1-July 31 .....	146		
Total for State .....		146		
<b>Rhode Island:</b>				
Pawtucket .....	June 12-29 .....	1		
Total for State .....		1		
<b>South Carolina:</b>				
General .....	Jan. 1-June 30 .....	170	1	
Total for State .....		170	1	
<b>Tennessee:</b>				
Knoxville .....	June 21-July 25 .....	2		
Livingston .....	June 13-Apr. 11 .....	9	1	
Nashville .....	June 14-20 .....	1		
Total for State .....		12	1	
<b>Texas:</b>				
Fort Worth .....	May 1-31 .....	9		
San Antonio .....	June 14-July 25 .....	9		
Total for State .....		18		

Present.

Report for June not received.



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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Utah:</b>				
Cache County .....	May 1-31.....	2		
Carbon County .....	June 1-30.....	1		
Davis County.....	May 1-July 31....	3		
Salt Lake County— Salt Lake City.....	May 1-July 31....	29		
Unitah County.....	July 1-31.....	1	1	
Utah County.....	May 1-July 31....	14		
Weber County.....	May 1-June 30....	21		
Total for State.....		71	1	
<b>Vermont:</b>				
Whiting .....	May 5 .....	1		
Total for State.....		1		
<b>Virginia:</b>				
Alexandria.....	June 25-27.....	13		
Waynesboro.....	June 1-July 31....	20		
Total for State.....		33		
<b>Washington:</b>				
Seattle .....	May 1-July 31.....	36		
Spokane.....	June 7-Aug. 8.....	61		
Tacoma.....	June 8-Aug. 2.....	4		
Total for State.....		101		
<b>West Virginia:</b>				
Moundsville.....	June 17-July 2....	1		
Total for State.....		1		
<b>Wisconsin:</b>				
La Crosse.....	June 16-Aug. 22 ..	69		
Manitowoc.....	Aug. 2-8 .....	1		
Milwaukee.....	June 14-Aug. 22 ..	20	1	
Total for State.....		80	1	
Grand total, United States .....		7,513	11	

*Plague in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, July 15–September 4, 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—	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.	Aug. 22	38,973	14	1	1	11									
Ann Arbor, Mich.	Aug. 8	14,509	5												
Do.	Aug. 22	14,509	3												
Baltimore, Md.	do	508,957	169	19	25	89	6	19		6	1	1		6	1
Bayonne, N. J.	do	32,722								2					
Berkeley, Cal.	Aug. 15	13,214	6					2							
Biddeford, Me.	Aug. 22	16,145	12	1	1										
Binghamton, N. Y.	do	38,647	26		2					1					
Boston, Mass.	do	560,892	275	45	18	29	1	21	2	49	3	19	2	13	3
Braddock, Pa.	Aug. 15	15,564	7		1	2									
Do.	Aug. 22	15,564	10			5				2					
Bradford, Pa.	do	15,029	5												
Brockton, Mass.	do	40,063	13	2	1	2						2			
Cambridge, Mass.	do	91,886	27	9	3	6		3		5	1			1	
Camden, N. J.	do	75,985	21							2					
Carbondale, Pa.	Aug. 8	13,536	3												
Do.	Aug. 22	13,536	7			20				1					
Charlotte, N. C.	do	18,091	8	2		11									
Chelsea, Mass.	do	34,072		1	1			2		2		1			
Chicago, Ill.	do	1,698,575	575	41	53	20	5	38	5	60	3	16		8	4
Chicopee, Mass.	do	19,167	8		1			1							
Cincinnati, Ohio.	Aug. 21	325,902	139	7	17	5		6		2				1	
Cleveland, Ohio.	Aug. 7	381,768	156	36	6	5	1	1	1	1	1	23	2	16	
Do.	Aug. 21	381,768	146	17	14	10	1	4		5	1	6		35	
Clinton, Mass.	Aug. 22	13,667	2	3				1							
Columbus, Ga.	July 25	17,614	6												
Do.	Aug. 15	17,614	10												
Do.	Aug. 22	17,614	5												
Covington, Ky.	do	42,938	12	1	1		2								
Danville, Ill.	do	16,354	11		2										
Dayton, Ohio.	do	85,333	30	1	1	2		5		1		1		2	
Detroit, Mich.	do	285,704	123					4		4	2				
Dunkirk, N. Y.	do	11,616	8			2				1					
Elkhart, Ind.	do	15,184	11	1	1	1						1			
Elmira, N. Y.	do	35,672	11							2	1				
Erie, Pa.	Aug. 20	52,733	10	3	1	1	1	3		2	1				
Everett, Mass.	Aug. 22	24,336		2	1	3				1		3			
Fall River, Mass.	Aug. 8	104,863	39	1	1							1	1		
Do.	Aug. 22	104,863	39	3	1	2		2						2	1
Findlay, Ohio.	Aug. 22	17,613	5					3							
Galesburg, Ill.	Aug. 15	18,607	8							2					
Do.	Aug. 22	18,607	4												
Galveston, Tex.	Aug. 21	37,789	14	2	1	2				1					
Glen Falls, N. Y.	Aug. 22	12,613	2		1			2							
Gr. Rapids, Mich.	do	87,565	29	1		3				2		1		2	
Greensboro, N. C.	do	10,085	2			2	1	1							
Harrison, N. J.	do	10,596	6	2	2	2									
Haverhill, Mass.	do	37,175	16							3					
Hoboken, N. J.	do	59,364				1		2						4	
Hyde Park, Mass.	do	13,244	2	1											
Indianapolis, Ind.	Aug. 23	169,164	49	1	12	38	3	8		1		2		1	
Jacksonville, Fla.	Aug. 22	28,429	23		8	3	1								
Jersey City, N. J.	Aug. 23	206,433	91		11			9		3		1		5	1
Johnstown, Pa.	Aug. 22	35,936	22		2	10	1	3		4	1				
Kalamazoo, Mich.	Aug. 15	24,404	14	1		2				1				3	
Kansas City, Kans.	Aug. 22	51,418	20		3	12	4			1					
Kansas City, Mo.	do	163,752			1	4	2	2							
Kearny, N. J.	Aug. 8	10,896	4												
Do.	Aug. 15	10,896	1											1	
Do.	Aug. 22	10,896	7												
Kingston, N. Y.	do	24,535	12		2		1								
Knoxville, Tenn.	do	32,687		1	2	1				1					1
La Crosse, Wis.	do	28,896	7	13	1	2				1				1	
La Fayette, Ind.	Aug. 24	18,116	5				1								
Lancaster, Pa.	Aug. 22	41,459	8			1		3				1		1	
Lawrence, Mass.	do	62,560	29	4	3	1				2					
Lebanon, Pa.	do	17,628	10	7											
Lexington, Ky.	do	26,369	12		2					1				4	
Los Angeles, Cal.	July 18	102,479	55	13	4	2	2	7		7		16			
Do.	Aug. 15	102,479	58	9	7	4	1	21		6		2			

a Intervening week 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.
Lowell, Mass.	Aug. 22	94,969	60	2	2	2	1			3		1			
Manchester, N. H.	do	56,987	23	1	1	4	1								
Manitowoc, Wis.	do	11,786	4			1	1								
Massillon, Ohio.	do	11,944	4			1									
Medford, Mass.	do	18,244	7							1					
Melrose, Mass.	do	12,962	3												
Milwaukee, Wis.	Aug. 15	285,315	98	22	6	10	3	5		2		3		14	5
Do	Aug. 22	285,315	68	15	9	5		7		11	3			5	2
Mobile, Ala.	Aug. 15	38,469	17	2	4	1				4					1
Moline, Ill.	Aug. 23	17,248	2												
Montclair, N. J.	Aug. 22	13,962	3							1					
Montgomery, Ala.	Aug. 21	30,346	27	1	2										
Mt. Vernon, N. Y.	Aug. 1	21,228	7	1		1		1				1			
Do	Aug. 22	21,228	15			4						5			
Nanticoke, Pa.	Aug. 24	12,616	2												
Nashville, Tenn.	Aug. 22	80,865	31	1	3	15	4	7							
Newark, N. J.	do	246,070	110	8	9	1		10	2	3	1				1
New Bedford, Mass.	do	63,442	33	1		1									
New Brunswick, N. J.	do	20,006				1	1			1					
Newburyport, Mass.	do	14,478	7			4		1		1					
New Orleans, La.	do	278,104	113	29	12	30	6	10		10	1				1
Newton, Mass.	do	33,587	5	2	2			1		2					
New York, N. Y.	do	3,437,202	1,385	437	153	132	14	72	5	157	12	66	5	17	7
Niagara Falls, N. Y.	do	19,457	6			1		1				1			
North Adams, Mass.	do	24,200	7												
Northampton, Mass.	do	18,643	5												
Orange, N. J.	do	24,141	5	3	1			1		1					
Ottumwa, Iowa.	do	18,197	10			5									
Perth Amboy.	Apr. 11	17,699	7					6			1				1
Do	Apr. 18	17,699	6							1					
Do	Apr. 25	17,699	12		1		1	3		1		1			
Do	May 2	17,699	7	3	1					1	1	3			
Philadelphia, Pa.	Aug. 22	1,293,697	490	97	51	65	6	13		42	2	15	3	11	5
Pittsburg, Pa.	Aug. 8	321,616	156	25	5	19	4	15		8	1	25	6	9	2
Do	Aug. 15	321,616	150	21	9	30	1	18		4	9	17	1	10	1
Do	Aug. 22	321,616	145	17	10	31	3	13	1	7	2	9	1	3	1
Plainfield, N. J.	do	15,369	9	1		2									
Portland, Me.	Aug. 8	50,145	17	2	2	16	2							1	
Do	Aug. 15	50,145	20	1	1	8	2	1							
Do	Aug. 22	50,145	18	1		9		4		1		1			1
Portsmouth, N. H.	do	10,637	1												
Portsmouth, Va.	Aug. 25	17,427	5		1	3				3					
Providence, R. I.	Aug. 22	175,597	51		6	4				9	1				
Racine, Wis.	do	29,102	5	7				3							
Reading, Pa.	Aug. 24	78,961	33	7	2	24	1	1		1				1	
Richmond, Va.	Aug. 22	85,060	49	3	1	30	8			1				1	1
Rock Island, Ill.	Aug. 15	19,493	2			3									
Do	Aug. 22	19,493	3			1	1								
Saginaw, Mich.	Aug. 15	42,345	10	2	2					1	1				
Do	Aug. 22	42,345	10	1	1										
St. Louis, Mo.	do	575,238	158	56	19	38	3	8		14	2	4		5	3
San Antonio, Tex.	do	53,321				2									
Sandusky, Ohio.	Aug. 1	19,664	12		1	5	1			1					
Do	Aug. 8	19,664	9			5	2								
Do	Aug. 15	19,664	10			1	1								
San Francisco, Cal.	do	342,782	103	8	11	6	3	5		11		1		6	1
Scranton, Pa.	Aug. 22	102,026	35	1		5	1	4	1						
Somerville, Mass.	do	61,643	17	1						2					1
South Bend, Ind.	do	35,999	14	2	2										
Springfield, Ill.	Aug. 20	34,159	16			1				1	1				
Springfield, Mass.	Aug. 22	62,069	24		1	4		1		1	1	2			
Springfield, Ohio	do	38,253	10	8		2	1			1					
Steelton, Pa.	do	12,068	2	1		1									
Tacoma, Wash.	Aug. 16	37,714	12		2			1	2						

<sup>a</sup> Intervening weeks previously reported.

<sup>b</sup> Total number of deaths reported for week ended August 1 should be 181 instead of 281 as reported in Public Health Reports August 14, 1908, page 1169.

*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.
Taunton, Mass. ....	Aug. 22	31,036	13	1	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....
Terre Haute, Ind. .	Aug. 15	36,673	12	.....	.....	5	.....	.....	.....	1	.....	.....	.....	.....	1
Do. ....	Aug. 22	36,673	18	.....	.....	1	.....	.....	.....	1	.....	1	.....	.....	.....
Titusville, Pa. ....	do. ....	8,244	4	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Toledo, Ohio. ....	do. ....	131,822	45	.....	6	5	2	.....	.....	1	1	.....	.....	.....	.....
Topeka, Kans. ....	Aug. 15	33,608	26	.....	2	1	1	.....	.....	2	.....	.....	.....	.....	.....
Trenton, N. J. ....	Aug. 22	73,307	.....	.....	.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....
Waltham, Mass. ....	do. ....	23,481	9	.....	1	1	.....	.....	.....	3	.....	.....	.....	.....	.....
Warren, Ohio. ....	do. ....	8,529	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Warren, Pa. ....	Aug. 4	8,043	3	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
Do. ....	Aug. 11	8,043	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do. ....	Aug. 18	8,043	1	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
Wheeling, W. Va. .	Aug. 15	38,878	15	1	3	.....	.....	1	.....	.....	1	.....	.....	.....	.....
Wilkes-Barre, Pa. .	Aug. 21	51,721	14	3	.....	5	.....	4	.....	.....	.....	1	.....	1	.....
Williamsport, Pa. .	Aug. 22	28,757	7	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....
Wilmington, Del. .	do. ....	76,508	23	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Woburn, Mass. ....	do. ....	14,254	3	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....

## FOREIGN AND INSULAR.

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### BARBADOS.

*Report from Bridgetown—Inspection of vessels—Trinidad authorities declare island free from plague—Quarantine still in force against Trinidad.*

Acting Assistant Surgeon Urquhart reports, August 15:

Week ended August 15. Bills of health were issued to 7 vessels, with a total number of 20 passengers and with 261 members of crews.

Sanitary condition of above vessels, cargoes, crews, and passengers was good. The sanitary condition of this port remains good, no quarantinable diseases being reported for the port or island this week.

It is reported the health authorities of Trinidad have declared that place free from bubonic plague, no case having been reported there since July 28; but quarantine against Trinidad is still in force here.

### BRAZIL.

*Report from Rio de Janeiro—Inspection of vessels—End of outbreak of plague at Montevideo—Yellow fever on vessel at Bahia—Plague at Bahia—Mortality—Plague and smallpox.*

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Acting Assistant Surgeon Stewart reports, July 28:

Two weeks ended July 26. Six vessels were inspected and bills of health issued to them.

*Bubonic plague in Uruguay.*—A report from Montevideo dated July 23, states that the outbreak of plague in that city is at an end.

*Yellow fever on a vessel in the Bay of Bahia, Brazil.*—A report from Bahia, states that there have been three cases of yellow fever on board the Italian bark *Sacro Cuore de Jeso*, which cases were removed to the isolation hospital. The date of the report is July 22.

*Plague reported in Bahia, Brazil.*—A dispatch dated 28th instant states that a case of plague has occurred in that city.

*Mortality—Plague and smallpox.*—Week ended July 19. Estimated population, 811,265. Total deaths, 529. Smallpox caused 564 new cases and 250 deaths. Plague caused 2 new cases, with no deaths. At the close of the week there were in the Hospital São Sebastião no cases of yellow fever, 554 cases of smallpox, and 1 case of plague. Week ended July 26. Total deaths, 514. Smallpox, 579 new cases and 240 deaths. At the close of the week there were in the Hospital São Sebastião 461 cases of smallpox under treatment and 100 cases held under observation.

## BRITISH HONDURAS.

*Report from Belize, fruit port.*

Acting Assistant Surgeon Mengis reports:

Week ended August 20. 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.
Aug. 14	Bertha .....	New Orleans.....	28	7	13
18	Savan .....	London via Newport News	33	2	0
19	Logician .....	New Orleans.....	41	0	0

## CHINA.

*Report from Hongkong—Quarantine restrictions—Plague, cholera, and smallpox—Inspection of vessels.*

Acting Assistant Surgeon Hough reports, July 22:

Week ended July 18: Restrictions enforced by Hongkong remain as reported on June 13.

To the restrictions enforced against Hongkong the following has been added:

Place or port.	Nature of measure.
Indo-China.....	Hongkong declared an infected port.

Quarantinable diseases: Plague 20 cases, 20 deaths; cholera 10 cases, 6 deaths; smallpox 1 case, 1 death.

Vessels inspected and granted bills of health, 8.

## COSTA RICA.

*Report from Limon, fruit port—Stegomyia and Anopheles present.*

Acting Assistant Surgeon Goodman reports:

Week ended August 15: Estimated population, 6,000. General sanitary condition of this port and the surrounding country during the week, good. Both *Stegomyia calopus* and *Anopheles* are present, though in no great numbers.

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.
Aug. 9	San Jose .....	Boston .....	46	7	0
10	Siberia .....	New York .....	64	30	0
13	Cartago .....	New Orleans .....	85	4	60
14	Haakon VII.....	do .....	22	0	0
14	Manistee .....	New York .....	47	7	0
15	Corinto.....	New Orleans .....	24	0	0

## CUBA.

*Report from Cienfuegos—Inspection and fumigation of vessels—Leprosy case—Sanitary improvements in city begun—Mosquito campaign continues.*

Acting Assistant Surgeon Villoldo in temporary charge reports, August 17 and 24:

Week ended August 15:

Bills of health issued .....	2
Vessel inspected and fumigated prior to departure .....	1
Vessel not inspected .....	1
Members of crew inspected .....	37
Members of crew not inspected .....	26

During the week the local health authorities have reported 1 case of leprosy and measures are being taken to remove it to the leper hospital at Santa Clara.

All preliminary steps leading to the construction of the aqueduct sewer system and paving of the town have been completed and work is expected to begin inside of a few days, to be completed in two years.

The sanitary condition of the town is fair, and the campaign against mosquitoes is carried on energetically.

Week ended August 22:

Bills of health issued .....	2
Vessels inspected and fumigated prior to sailing .....	2
Members of crews inspected .....	81
Certificate of immunity to yellow fever issued .....	1
Certificate for passengers bound for New York .....	1

No quarantinable diseases were reported during the week, and health conditions are good.

*Reports from Habana—Inspection and fumigation of vessels—House and water-deposit inspection—Mosquitoes abundant—Quarantine against Daiquiri raised.*

Passed Assistant Surgeon Amesse reports:

Week ended August 22:

Vessels inspected .....	10
Bills of health issued .....	16
Members of crews of outgoing vessels inspected .....	886
Passengers of outgoing vessels inspected .....	520
Certificates issued to passengers bound for New York .....	149
Certificates issued to passengers bound for Southern ports .....	275
Certificates of immunity to yellow fever issued ..	30
Vessel fumigated prior to sailing .....	1

In maintaining the high standard of sanitation established in Habana, the local health officer reports 10,903 house inspections for the week. Mosquito larvæ were found on 23 premises, 16 of these deposits being larvæ of *Stegomyia calopus*.

No further cases of yellow fever have been reported in the island. Heavy rainfalls have been noted in all the provinces, and mosquitoes are abundant throughout the interior.

August 28: Quarantine against Daiquiri raised yesterday.

*Report from Matanzas—Transactions.*

Acting Assistant Surgeon Nuñez reports, August 24:

Week ended August 22: Two health and acclimation certificates were granted to passengers leaving for New York via Habana.

No quarantinable diseases were reported.

*Report from Santiago—Inspection of vessels—Fumigation of vessels to destroy mosquitoes—Mosquito-inspection work.*

Acting Assistant Surgeon Wilson reports, August 20:

Week ended August 15: Bills of health were issued to 9 vessels bound for the United States and its dependencies. Two vessels were fumigated to kill mosquitoes before departure.

The inspection work in this city for the week ended August 15 is as follows:

Houses inspected .....	5,590
Houses in which larvæ were found .....	41
Reinspections .....	540

No quarantinable disease has been reported in the city during the week.

## ECUADOR.

*Reports from Guayaquil—Inspection and fumigation of vessels—Yellow fever, plague, and smallpox.*

Assistant Surgeon Wightman reports, August 4 and 6:

During the week ended July 18 bills of health were issued to three vessels, of which two were fumigated. These vessels had an aggregate personnel of 170 in the crew, and 33 cabin and 44 steerage passengers.

For the week a total of 40 deaths was reported for Guayaquil, among the causes of which were the following: Plague, 2, and smallpox, 1.

During the week ended July 25 three steamers were fumigated and given bills of health. They had a total personnel of 190 members of crew, 88 cabin and 53 steerage passengers.

For the week 54 deaths were reported for Guayaquil, among the causes of which were the following: Yellow fever, 1, and smallpox, 6. No death from plague occurred during the week.

## GUATEMALA.

*Report from Puerto Barrios, fruit port.*

Acting Assistant Surgeon Wailes reports:

Week ended August 20. Present officially estimated population, 250. General sanitary condition of this port and the surrounding country during the week, not reported.

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.
Aug. 13	Harold .....	18	17	0	0
19	Belize .....	18	3	0	0
20	Preston .....		20	0	0



## HAWAII.

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

Passed Assistant Surgeon Currie reports, August 8, through Chief Quarantine Officer Cofer:

Week ended August 8:

Rats trapped in Honolulu.....	784
Rats from Honolulu examined in this laboratory .....	631
Total rats destroyed .....	784

## CLASSIFICATION OF RATS FROM HONOLULU.

Mus rattus.....	158
Mus norvegicus .....	124
Mus alexandrinus.....	112
Mus musculus.....	366
Total classified.....	760
Average number of traps set daily .....	1,438
Rats from Honolulu showing plague infection.....	0

## HONDURAS.

*Report from Ceiba, fruit port—Sanitary measures continued—Stegomyia calopus decreasing—Sanitary conditions of Trujillo and Crystales.*

Acting Assistant Surgeon Jumel reports:

Week ended August 18. Present officially estimated population, 6,500. General sanitary condition of this port and the surrounding country during the week, good. *Stegomyia calopus* appear to be decreasing in number.

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.
Aug.13	Bodo.....	17	0	0	0
14	Rosina.....	34	6	0	0
16	Harald.....	18	1	8	0
16	Viator.....	17	0	0	0
17	Orleanian.....	31	2	0	0

*Sanitary conditions of Trujillo and Crystales.*

Trujillo, built over the ruins of an old Spanish settlement situated upon a plateau immediately along the beach of an open bay and practically in the shadow of a precipitous coastal range of hills which rise almost to an altitude of 1,500 feet, is about 60 miles to the north-eastward from Ceiba, and has a population of about 2,000 natives and foreigners. With few exceptions all houses are of stone and concrete construction and appear to have been built with an ultimate view of protection rather than sanitary comfort. The few openings which exist are not screened. The streets are rather wide and substantially paved with cobble stones. In the center of the streets deep ditches exist and appear to serve the double purpose of drains and sewers. These ditches lead into a small creek which empties into the sea at a

point about 300 yards from the town limits. In general the ditches are useless adjuncts to the local sanitary scheme and would be a menace to the public health were it not for the heavy rainfall.

The water supply is excellent and is piped into the town and houses from the Crystales River, the intake being at a point in the hills above human habitation. Water tanks do not exist and are not allowed by the municipal authorities. There are several surface wells, all of which are properly covered and are therefore not favorable breeding places for mosquitoes. A careful scrutiny of all water receptacles revealed the presence of many *Anopheles* and not a few *Culex* larvæ, but in no instance was *Stegomyia* found. It is possible that *Stegomyia* exists, but not in sufficient numbers to be commonly observed. There are no hospitals, but there is a board of health, which is under the immediate supervision of a regularly qualified graduate in medicine. Garbage is carted outside of town limits daily and is sometimes burned. It is, however, oftener dumped into the Crystales River at a point near its mouth. Old-fashioned underground water-closets are scattered throughout the community. The port is an important distributing point for rubber and cocoanuts, but as this class of cargo is locally handled almost exclusively by large sailing vessels which clear direct for ports in the United States, very few fruit steamers make it a port of call. Communication with Ceiba is effected by means of a mule train, which requires from three to four days in transit; by small sailing vessels, and infrequently by fruit steamers. Communication with the interior is frequent and uninterrupted.

The health conditions are very good. Malarial fevers are common but mostly of mild type, and gastro-intestinal disorders are not infrequently observed among children. No quarantinable diseases exist.

Crystales, the principal suburb of Trujillo, separated from it by the Crystales River, is the largest Carib settlement on the Honduran coast. The inhabitants are exclusively of Carib origin and number about 1,500. The houses are irregularly scattered over an extensive area and kept in good sanitary condition. The streets, however, present an entirely different appearance and have been allowed to become almost impassable by a dense growth of weeds and bushes. This condition has been made materially worse by the accumulation of all kinds of garbage. The topography of the settlement is naturally favorable to efficient drainage, and no surface pools exist. This condition, combined with the absence of water tanks, is responsible for the presence of very few mosquitoes. A careful inspection showed the presence of *Anopheles* and *Culex* larvæ but no *Stegomyia*. There are very few underground cesspools and no surface wells, the necessity for the latter being obviated by the proximity of the Crystales River. There is a large public washhouse, but it is rarely used. The Caribs seem to prefer the river for all washing purposes. The health conditions appear to be excellent. Malarial fevers are not uncommon and are mostly of mild type.

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

Acting Assistant Surgeon Roe reports:

Week ended August 15. 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.
Aug. 13	Rosina .....	New Orleans.....	34	0	0
15	Harald.....	do .....	18	0	8

## INDIA.

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

Acting Assistant Surgeon Allen reports, July 30:

During the week ended July 25, a bill of health was issued to the steamship *Cuyahoga* bound for San Francisco with a total crew of 37. 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 18 there were 19 deaths from cholera, 21 from plague, and 8 from smallpox in Calcutta. In Bengal there were 22 cases of plague with 23 deaths. In India there were 445 cases of plague with 381 deaths.

## JAPAN.

*Report from Yokohama—Inspection of vessels—Examination of emigrants, month of July, 1908.*

Passed Assistant Surgeon Cumming reports, August 5:

Week ended August 1. Bills of health were issued to five vessels having an aggregate personnel of 216 saloon and 500 steerage passengers and with 943 in the crews.

No quarantinable disease has been reported during the week in this community.

During the month of July 216 intending steerage passengers for the United States or their possessions were examined, of whom 13 were recommended for rejection, 30 detained for diagnosis, 173 passed, and 154 certified.

Two hundred and forty-four persons were bathed and their effects, consisting of 444 pieces, were disinfected.

## MEXICO.

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

Acting Assistant Surgeon Harrison reports, August 19:

Period from August 5 to August 19. Sanitary conditions continued unchanged.

During the period ten vessels were granted bills of health. They carried 455 men in the crews and 64 passengers from this port. Of these vessels 4 were fumigated. Some of the vessels fumigated never approach the shore closer than three to four miles, others lie at the end of pier of a thousand or more feet in length. Owing to these conditions and to the direction of the prevailing wind from the sea I never find mosquitoes on any of these ships.

*Reports from Veracruz—Inspection and fumigation of vessels—Yellow fever—Mosquitoes increasing—New case of yellow fever.*

Acting Assistant Surgeon Jacobs reports:

Week ended August 15. Four vessels for ports of the United States were inspected. Two of these were fumigated.

General health conditions are good except for the presence of yellow fever. There have been 8 cases of yellow fever with 6 deaths to date. The first case was reported July 7, and the last died August 15.

*Anopheles* mosquitoes are increasing, but *Stegomyia* are not plentiful.

August 28. One new case of yellow fever reported this morning.

NICARAGUA.

*Report from Bluefields, fruit port—Mosquitoes abundant—Stegomyia calopus less numerous.*

Acting Assistant Surgeon Layton reports:

Twelve days ended August 16. Present officially estimated population, 2,500. General sanitary condition of this port and the surrounding country during the week, good. Rainfall heavy. Mosquitoes still present in large quantities. *Stegomyia calopus* appear to be less numerous.

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.
Aug. 8	Dictator .....	New Orleans.....	19	12	0
11	Messenger .....	Boco del Toro .....	5	0	0
12	Bluefields .....	New Orleans.....	24	0	0
16	Imperator .....	do .....	19	6	0

PHILIPPINE ISLANDS.

*Reports from Manila—Smallpox—Inspection of vessels—Quarantine transactions, month of June, 1908.*

Chief Quarantine Officer Heiser reports, July 15 and 16:

Week ended July 11. In Manila there were 21 cases of smallpox with 3 deaths.

During the week consular bills of health were issued as follows at the port of Manila:

July 11 the French steamship *Meinam*, with 54 in the crew and with 2 passengers, en route from Shanghai to Cebu, was granted a supplemental bill of health.

July 11 the British steamship *Kaifong*, with 62 in the crew and 14 passengers, en route from Amoy to Cebu and Iloilo, was granted a supplemental bill of health. The members of the crew were bathed and their effects were disinfected at Mariveles.

July 11 the British steamship *Inveresk*, with 47 in the crew, en route from Kobe to New York, was granted a supplemental bill of health, after the usual inspection of personnel and cargo.

*Quarantine transactions of the Service in the Philippine Islands during the month of June, 1908.*

PORT OF MANILA.

Bills of health issued .....	51
Number of vessels inspected .....	185
Passengers on arriving vessels inspected .....	5, 487
Persons vaccinated .....	120
Members of crews on arriving steamers inspected .....	7, 928
Members of crews on arriving sailing vessels inspected .....	316
Number of persons quarantined for observation, suspects and contacts .....	121
Persons bathed and effects disinfected .....	259
Persons in quarantine .....	121
Vessel in quarantine .....	1
Steamship disinfected .....	1
Steamships partially disinfected .....	4
Steamships fumigated to exterminate vermin .....	8
Sailing vessels fumigated to exterminate vermin .....	2
Pieces of baggage disinfected .....	345
Pieces of baggage inspected and passed .....	55

OUTGOING.

Steamers sailing without quarantine inspected and passed .....	9
Steamers disinfected .....	1
Members of crews on vessels inspected .....	825
Passengers on vessels inspected .....	650
Members of crews bathed and effects disinfected .....	190
Passengers bathed and effects disinfected .....	319
Pieces of baggage disinfected .....	1, 853
Pieces of baggage inspected and passed .....	2, 052
Pieces of miscellaneous cargo certified .....	28, 774

PORT OF ILOILO.

Bills of health issued .....	9
Vessels inspected .....	57
Passengers on arriving boats inspected .....	976
Members of crews on arriving steamers inspected .....	1, 696
Members of crews on arriving sailing vessels inspected .....	169
Persons detained in quarantine during month .....	159

PORT OF CEBU.

Bills of health issued .....	8
Vessels inspected .....	107
Passengers on arriving boats inspected .....	1, 451
Members of crews on arriving steamers inspected .....	3, 162
Members of crews on arriving sailing vessels inspected .....	120

PORT OF CAVITE.

Vessels inspected .....	2
Passengers on arriving steamers inspected .....	1
Members of crews on arriving steamers inspected .....	487

PORT OF OLONGAPO.

No transactions.

PORT OF ZAMBOANGA.

Vessels inspected .....	6
Passengers on arriving boats inspected .....	133
Members of crews on arriving steamers inspected .....	382

PORT OF JOLO.

Vessels inspected .....	3
Passengers on arriving boats inspected .....	28
Members of crews on arriving steamers inspected .....	91

## RUSSIA.

*Cholera situation in Russia.*

The following is received from Ambassador Riddle, at St. Petersburg, under date of August 3:

According to notices received from the Foreign Office the status of cholera in Russia up to July 31 is as follows: Astrakhan, 7 deaths; Tsaritsine, 16 deaths.

The city of Tsaritsine is declared infected with cholera, and the governments of Astrakhan, Saratov, Samara, Simbirsk, Tambov, the Volga, and the cities of Baku and Hrasnovodsk are threatened with that disease.

The following is received from Consul-General Thackara, at Berlin, under date of August 14:

According to an official bulletin published by the Imperial Health Office, there have been registered in the Government District of Astrakhan since the beginning of this year's epidemic, 42 cases of Asiatic cholera with 19 deaths; in the Government District of Saratov 88 cases with 44 deaths, of which 71 cases and 40 deaths occurred in Zarizyn and 10 cases and 1 death in the city of Saratov. In the city of Astrakhan on August 1 and 2 there were 11 cases and 4 deaths, making a total of 36 cases and 16 deaths. Cases of cholera have also been reported on board ships in Zarizyn and Saratov.

## VENEZUELA.

*Plague situation at Caracas.*

The following is received from Consular-Agent Brewer, at Caracas, under date of August 10:

The following is a report of plague in this city:

At the quarantine hospital during the period July 25 to August 9, 1908, there were 7 new patients, 4 recoveries, and 4 deaths.

Thirteen patients are at present in the hospital.

In addition there have been several deaths reported throughout the city.

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

**BRAZIL**—*Sao Paulo, Santos, and Campinas.*—Week ended July 12, 1908. Estimated population, 300,000. Total number of deaths, 180, including enteric fever 2, measles 1, whooping cough 1, smallpox 2, and 10 from tuberculosis.

Week ended July 19, 1908. Total number of deaths, 177, including scarlet fever 1, smallpox 6, measles 1, diphtheria 1, whooping cough 1, enteric fever 1, and 11 from tuberculosis.

**COSTA RICA**—*San Jose.*—Month of July, 1908. Estimated population, 26,682. Total number of deaths, 60, including enteric fever 1, and 4 from tuberculosis.

**CUBA.**—Month of July, 1908. Reports from the 6 provinces, having an aggregate population of 1,572,797, show as follows: Deaths from contagious diseases: Diphtheria 5, enteric fever 21, yellow fever 5, measles 4, scarlet fever 3, and 154 from tuberculosis.

*Matanzas*.—Month of July, 1908. Estimated population, 35,515. Total number of deaths, 84, including enteric fever 2 and 10 from tuberculosis.

DUTCH GUIANA—*Parimaribo*.—Month of July, 1908. Estimated population, 34,038. Total number of deaths, 131. No contagious diseases reported.

FRANCE—*Roubaix*.—Month of July, 1908. Estimated population, 121,115. Total number of deaths, 160, including scarlet fever 1, enteric fever 1, measles 3, and 24 from tuberculosis.

GIBRALTAR.—Two weeks ended August 9, 1908. Estimated population, 36,830. Total number of deaths, 8.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 76 great towns in England and Wales during the week ended August 8, 1908, correspond to an annual rate of 13.2 per 1,000 population, which is estimated at 16,234,952.

*London*.—One thousand one hundred and twenty-six deaths were registered during the week, including measles 30, scarlet fever 9, diphtheria 5, whooping cough 21, enteric fever 5, tuberculosis 153, and 104 from diarrhea. The deaths from all causes correspond to an annual rate of 12.2 per 1,000. In Greater London 1,537 deaths were registered. In the "outer ring" the deaths included 4 from measles, 1 from scarlet fever, 2 from diphtheria, and 4 from whooping cough.

*Scotland*.—The deaths registered in 8 principal towns during the week ended August 8, 1908, correspond to an annual rate of 12.8 per 1,000 of the population, which is estimated at 1,839,038. The highest rate of mortality was recorded in Dundee, viz, 17.0, and the lowest in Perth, viz, 8.9 per 1,000. The aggregate number of deaths registered from all causes was 450, including measles 4, scarlet fever 3, enteric fever 1, diphtheria 2, and 15 from whooping cough.

MAURITIUS.—Month of May, 1908. Estimated population, 376,625. Total number of deaths, 1,616, including enteric fever 2, measles 2, plague 1, and 91 from tuberculosis.

SPAIN—*Cadiz*.—Month of July, 1908. Estimated population, 69,382. Total number of deaths 140, including diphtheria 1, measles 1, and 22 from tuberculosis.

*Madrid*.—Month of July, 1908. Estimated population, 556,663. Total number of deaths, 1,269, including diphtheria 2, enteric fever 17, measles 11, scarlet fever 4, whooping cough 7, and 121 from tuberculosis.

*Malaga*.—Month of May, 1908. Estimated population, 135,000. Total number of deaths, 324, including 26 from tuberculosis.

Month of June, 1908. Total number of deaths, 265, including diphtheria 1, and 25 from tuberculosis.

URUGUAY—*Montevideo*.—Month of June, 1908. Estimated population, 309,511. Total number of deaths, 396, including enteric fever 6, diphtheria 4, scarlet fever 1, and 43 from tuberculosis.

*Cholera, yellow fever, plague, and smallpox, from June 27 to September 4, 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 18	32	22	20 cases in the asylum for the insane.
China:				Present.
Amoy	Aug. 11	.....	.....	Do.
Canton	June 21-27	.....	.....	Prevalent among Europeans and natives.
Hankau	July 19-25	.....	2	
Hongkong	June 14-July 18	17	12	
India:				
Bombay	May 20-July 30	.....	19	
Calcutta	May 10-July 18	.....	528	On S. S. Annie en route May 23-June 1, 2 deaths.
Madras	May 16-July 24	.....	54	
Rangoon	May 17-July 18	.....	56	
Indo-China:				
Bien Hoa	June 21-27	60	59	
Cholen	May 10-July 11	142	138	
Saigon	May 10-July 11	91	62	Reports May 28 and June 6 include Cholen.
Persia:				
Teheran	July 3	1	1	
Philippine Islands:				
Manila	June 7-13	1	1	8 cases to June 23 on railroad from Pangasinan Province. First quarter calendar year 1908, 208 cases, 167 deaths.
Provinces				First quarter calendar year 1908, 806 cases, 628 deaths. Provinces north of Manila, June 28-July 4, 614 cases, 331 deaths.
Bataan	Jan. 1-Mar. 31	20	18	
Bulacan	Jan. 1-Mar. 31	91	72	
Capiz	Jan. 1-May 28	236	191	June 13, 100 cases daily. June 28-July 4, 10 cases, 8 deaths.
Cavite	Jan. 1-Mar. 31	22	20	
La Laguna	Jan. 1-Mar. 31	3	2	
La Union	July 4	.....	.....	Present.
Mindoro	Jan. 1-Mar. 31	32	20	
Nueva Ecija	July 4	.....	.....	Do.
Pampanga	Jan. 1-Mar. 31	145	128	July 4, still present.
Pangasinan	Jan. 1-May 28	388	268	June 13, 100 cases daily.
Rizal	Jan. 1-Mar. 31	143	116	
Tarlac	Jan. 1-Mar. 31	10	8	Do.
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.
Samara govt. district	July 31	.....	.....	Do.
Saratov	Aug. 6	14	2	Present, also, on vessels.
Simbirsk govt. district	July 31	.....	.....	Present.
Tambov govt. district	July 31	.....	.....	Do.
Zarizyn	July 24-Aug. 6	96	55	Present, also, on vessels.
Siam:				
Bassein	May 10-16	.....	.....	Do.
Straits Settlements:				
Singapore	May 10-16	.....	1	

## YELLOW FEVER.

Brazil:				
Bahia	July 22	3	.....	From Italian bark Sacro Cuore Jeso.
Manaos	May 26-Aug. 1	27	27	
Para	May 31-Aug. 8	29	27	
Pernambuco	June 15-30	.....	1	
Rio de Janeiro	June 1-28	3	3	
Cuba:				
Santiago Province—				
Dalquiri	June 27-Aug. 15	20	4	



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

## YELLOW FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Curaçao .....	June 28-July 3....	1	1	Imported.
Ecuador:				
Guayaquil.....	May 31-July 26 .....		11	
Martinique:				
Fort de France .....	June 27-Aug. 8....	3	2	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.
Merida .....	Aug. 23 .....	1		
Tierra Blanca .....	July 27 .....	1		
Veracruz .....	July 7-Aug. 28....	10	7	
Porto Rico:				
San Juan .....	July 5 .....			1 case on S. S. Julia.
Venezuela.....	June 26 .....	80	40	Estimated. In Upata, Guasi-pati, and Callao.

## PLAGUE.

Australia:				
Brisbane .....	June 6-20 .....	2	1	Case, June 6-11, at Clifton.
Sydney .....	Feb. 25-June 24....	4		
Azores:				
Fayal .....	Aug. 10 .....	7	2	
Terceira .....	July 1-Aug. 10 .....	17	10	
Brazil:				
Bahia .....	July 29 .....	1		
Pernambuco .....	June 1-15 .....		1	
Rio de Janeiro .....	May 11-July 19 .....	9		
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 20 .....	58	6	
Arica .....	July 15-22 .....	2		From Jan. 1-Apr. 30, 179 cases and 47 deaths.
Iquique .....	May 20-July 21 .....	18	4	
China:				
Amoy .....	Apr. 26-July 11 .....			Present in native city and up-country districts.
Canton .....	May 1-June 9....	10		Mainly imported. June 27 still present.
Foochoo.....	Apr. 6-July 18 .....			Present.
Hongkong .....	May 10-July 18 .....	842	690	
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.
Port Said .....	July 3-27 .....	6	3	July 5, 1 case on S. S. Orenoque.
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	11,053	
Burma .....	Apr. 26-June 27....	1,073	1,088	
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	

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

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Indo-China:				
Cholen .....	May 10-July 11 .....	46	44	
Saigon .....	May 10-July 11 .....	68	58	Cholen included, July 6 and 13.
Japan:				
Formosa .....	May 10-July 18 .....	610	503	From May 15 epidemic at Taiwan; 25 cases reported daily.
Kobe .....	May 24-July 25 .....	5	4	
Nara .....	June 14-20 .....	14	8	
Osaka .....	May 10-June 27 .....	19	18	
Mauritius .....	May 31-June 11 .....	6	2	
Peru:				
Callao .....	May 20-July 20 .....	23	8	Aug. 1, present.
Chepen (Pacasmayo) .....	July 8-20 .....	11	4	And vicinity.
Chiclayo .....	May 20-July 20 .....	10	8	
Lima .....	May 20-July 20 .....	39	25	Do.
Mollendo .....	June 2-22 .....	2	1	
Monsefu .....	June 2-8 .....	1	1	
Niepos (Hualgayoc) .....	June 2-8 .....	2	2	
Salaverry .....	May 2-July 19 .....	17	17	
Trujillo .....	May 20-July 20 .....	136	64	Do.
Siam:				
Puket .....	May 9 .....			Present.
Tongkah .....	May 4 .....			Do.
Straits Settlements:				
Singapore .....	May 17-30 .....		2	
Trinidad:				
Port of Spain .....	June 4-July 28 .....	15	11	
Turkey in Asia:				
Adalia .....	July 27 .....	2	2	
Bagdad .....	June 7-Aug. 8 .....	69	45	
Uruguay:				
Montevideo .....	Apr. 1-May 31 .....		5	
Venezuela:				
Caracas .....	June 10-Aug. 9 .....	47	11	
La Guaira .....	June 16-30 .....	5	2	Present to July 8.
Maiquetia .....	June 28 .....	1	1	Suburb of La Guaira.

## SMALLPOX.

Algeria:				
Algiers .....	June 29-July 4 .....		2	
Arabia:				
Aden .....	May 28-Aug. 3 .....		30	
Argentina:				
Buenos Aires .....	Mar. 1-May 31 .....		4	
Austria:				
Bukowina .....	July 12-18 .....	1	1	
Galicla .....	May 24-June 28 .....	4	4	
Silesia .....	July 19-25 .....	4	4	
Borneo:				
Sandakan .....	Apr. 16-June 15 .....	43	15	
Brazil:				
Bahia .....	May 1-June 30 .....	229	13	
Campinas .....	June 29-July 5 .....	2	2	
Para .....	June 28-July 4 .....	2	2	
Pernambuco .....	May 1-July 15 .....		136	
Rio de Janeiro .....	May 11-July 26 .....	4,084	1,791	July 8-16 one case and 1 death on S. S. Peruviana in voyage to Castries and Baltimore.
Santos .....	May 18-July 19 .....		15	1 case July 10 from S. S. Spartan Prince.
British South Africa:				
East London .....	July 12-18 .....	5		
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 18 .....	18	4	
China:				
Amoy (Kulangsu) .....	Apr. 5-May 16 .....		1	
Foochoo .....	Apr. 26-June 27 .....			Present.
Hongkong .....	May 10-July 18 .....	30	18	
Nanking .....	June 11 .....			Epidemic.
Shanghai .....	May 18-July 19 .....	a 2	12	

a Cases among foreigners; deaths among natives.

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

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Ecuador:				
Guayaquil .....	May 31-July 25 .....		25	
Egypt, general .....	May 14-July 22 .....	495	125	
Cairo .....	May 31-Aug. 5 .....	43	19	
Suez .....	June 18-July 1 .....	5		
France:				
Marseille .....	July 1-31 .....		1	
Paris .....	May 31-Aug. 8 .....	12		
Toulon .....	May 1-31 .....	1		
Germany, general .....	May 24-July 25 .....	44		
Bremen .....	May 24-June 6 .....	3		
Chemnitz .....	Aug. 2-8 .....	1		
Königsberg .....	Aug. 2-8 .....	1		
Great Britain:				
Liverpool .....	Apr. 30-Aug. 15 .....	4		
India:				
Bombay .....	May 20-July 21 .....		186	
Calcutta .....	May 10-July 18 .....		114	
Madras .....	May 23-29 .....		1	
Indo-China:				
Cholén .....	May 24-July 4 .....	8	4	
Italy, general .....	June 8-Aug. 9 .....	299		
Catania .....	May 22-June 11 .....		1	
Genoa .....	May 1-31 .....	2		
Naples .....	June 7-Aug. 1 .....	79	3	
Palermo .....	May 24-Aug. 1 .....	26	4	
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 25 .....	115	58	
Yokohama .....	June 2-29 .....	3		
Java:				
Batavia .....	May 10-July 18 .....	39	1	
Mexico:				
Aguascalientes .....	June 8-July 12 .....		8	
Mexico City .....	May 10-July 11 .....		174	
Monterey .....	June 8-14 .....		1	
Netherlands, The:				
Amsterdam .....	July 27-Aug. 1 .....	1		
Peru:				
Lima .....	June 1-July 18 .....	4		July 26, 6 cases in the lazaretto.
Philippine Islands:				
Manila .....	May 3-July 11 .....	108	37	First quarter calendar year 1908, 42 cases, 12 deaths.
Porto Rico:				
Mayaguez .....	June 7-27 .....	6		
Portugal:				
Lisbon .....	May 31-Aug. 8 .....	25		
Russia:				
Batum .....	May 1-31 .....	1		
Moscow .....	May 24-Aug. 1 .....	212	84	
Odessa .....	May 24-Aug. 8 .....	38	4	
Riga .....	June 7-Aug. 8 .....	19		
St. Petersburg .....	May 17-July 25 .....	434	103	
Warsaw .....	May 10-June 27 .....		36	
Siberia:				
Vladivostok .....	May 6-June 21 .....	11		
Spain:				
Barcelona .....	June 1-July 31 .....		7	
Cádiz .....	July 27 .....			Present.
Malaga .....	Mar. 1-Apr. 30 .....		4	July 27, present.
Valencia .....	June 1-Aug. 15 .....	81	9	
Straits Settlements:				
Singapore .....	May 24-July 13 .....		5	
Turkey in Asia:				
Bagdad .....	May 10-July 18 .....	185	40	
Smyrna .....	May 13-June 16 .....		6	
Turkey in Europe:				
Constantinople .....	June 1-Aug. 16 .....		68	
Zanzibar .....	June 8-July 21 .....		2	



*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.
Manaos .....	July 18	52,000	38	5			3							
Do .....	July 25	52,000	46	2										
Do .....	Aug. 1	52,000	60	5										
Manchester .....	Aug. 8	681,533	221	20			2							
Manzanillo .....	do .....	1,700	1											
Do .....	Aug. 15	1,700	1											
Matamoros .....	do .....	8,000	3											
Mayaguez .....	Aug. 8	35,700	28	2										
Do .....	Aug. 15	35,700	21	2										
Mazatlan .....	July 25	21,000	15											
Do .....	Aug. 1	21,000	18											
Do .....	Aug. 8	21,000	16											
Mexico .....	June 27	400,000	465	32				12	16	2	6	2	2	1
Do .....	July 4	400,000	484	31				25	15	1	6	7	5	
Do .....	July 11	400,000	436	34				24	11	3	1	2	3	
Milan .....	Aug. 9	584,390	179	37						2	2	1		
Monterey .....	Aug. 10	100,000	44	3						1	1	3		
Do .....	Aug. 17	100,000	50	8						1	2	1		
Montreal .....	Aug. 15	378,856	184	7						1			1	
Moscow .....	July 25	1,335,104	951	76			1	2	3	1	1	3	21	3
Do .....	Aug. 1	1,335,104	1,024	21			6		1	2		2	7	5
Nagasaki .....	July 19	173,118	41											
Do .....	July 26	173,118	44											
Naples .....	July 25	593,729	182	6										
Do .....	Aug. 1	593,729	194	10										
Newcastle-on-Tyne .....	Aug. 8	272,969	70											
Nottingham .....	do .....	255,000	67							1		1		1
Nuevo Laredo .....	Aug. 15	8,000	4	1										
Odessa .....	July 18	467,000	244	24				1		1	3	2	3	
Do .....	July 25	467,000	221	25				1	1		4	2	4	3
Do .....	Aug. 1	467,000	175	18					2	2	9	1	1	
Do .....	Aug. 8	467,000	233	18					1	6		3	3	2
Para .....	do .....	185,000	70	6			1							
Paris .....	do .....	2,776,394	749	157						1	1	2	6	10
Plymouth .....	Aug. 15	116,000	41											
Port Elizabeth .....	July 25	32,959	19	5										1
Rangoon .....	July 18	252,155	223	10	32	1								
Rotterdam .....	Aug. 15	407,502	97								4	2		
St. John, N. B. ....	Aug. 22	40,789	18	3										
Salaverry .....	July 29	1,750	1											
Salina Cruz .....	Aug. 8	4,000	5											
San Feliu de Guixols .....	Aug. 15	11,094	2											
San Pedro .....	Aug. 1	7,400	5											
Do .....	Aug. 8	7,400	5											
Do .....	Aug. 15	7,400	6											
Santa Cruz de Ten-														
eriffe .....	Aug. 8	46,000	15	1										2
Santiago de Cuba .....	Aug. 15	45,497	18	3						1				
Schiedam .....	July 25	30,935	8											
Do .....	Aug. 1	30,935	7											
Do .....	Aug. 8	30,935	6											
Shanghai .....	July 12	544,500	166	32										
Do .....	July 19	544,500	137	26				1			1			
South Shields .....	Aug. 8	115,535	31	2										
Stettin .....	do .....	230,000	165	4										
Stockholm .....	July 25	337,460	76	10						1				
Sunderland .....	Aug. 8	157,495	46	6						2				
Tamatave .....	July 4	7,086	2											
Do .....	July 11	7,086	2											
Tegucigalpa .....	Aug. 12	24,000	15											
Toronto .....	July 25	272,600	73									3		
Do .....	Aug. 1	272,600	115							2	1	1		
Trieste .....	Aug. 8	213,719	88							2	2	4		
Turin .....	Aug. 2	373,701	122	13						2		2		
Valencia .....	Aug. 8	250,000	73	5				1			1			
Veracruz .....	do .....	32,000	43	12										
Do .....	Aug. 15	32,000	36	11			1	3						
Vevey .....	Aug. 1	14,000	1											
Victoria, B. C. ....	Aug. 15	27,500	11	2										

*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.
Vienna .....	Aug. 1	2, 021, 062	601	91	.....	.....	.....	.....	.....	1	6	3	14	10
Do .....	Aug. 8	2, 021, 062	557	96	.....	.....	.....	.....	.....	1	6	7	8	3
Vigo .....	.....do.....	36, 000	11	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Warsaw .....	June 13	751, 595	281	58	.....	.....	.....	10	1	.....	5	.....	4	.....
Do .....	June 27	751, 595	305	47	.....	.....	.....	4	1	.....	4	2	6	4
West Hartlepool .....	Aug. 8	66, 750	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Winnipeg .....	Aug. 15	117, 000	29	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....
Zurich .....	Aug. 8	180, 300	41	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

By authority of the Secretary of the Treasury:

WALTER WYMAN,

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