

# 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.

*Week ended August 15, 1908.*

Date of last case .....	Sickened, January 30, 1908
Sick inspected .....	12
Dead inspected .....	105
Premises inspected .....	15,340
Houses disinfected .....	189
Houses destroyed .....	1
Buildings condemned .....	10
Nuisances abated .....	1,682
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Rats found dead .....	590
Rats trapped .....	4,151
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Total rats taken .....	4,741
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Rats identified:	
Mus norvegicus .....	3,675
Mus rattus .....	98
Mus musculus .....	658
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Total .....	4,431
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Rats examined bacteriologically .....	2,889
Poisons placed .....	118,143

*Outgoing quarantine transactions.*

Passed Assistant Surgeon Hobby reports:

*Week ended August 8.*

Vessels fumigated and certified .....	41
Vessels certified .....	57

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

Passed Assistant Surgeon Glover reports:

*Week ended August 15, 1908.*

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

Rats received .....	1,073
Rats necropsied .....	1,068
Plague rats found .....	0
Plague-infected rats to date .....	20
Vessels inspected .....	3
Vessels fumigated .....	9

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

CONNECTICUT.—*Bridgeport*.—Month of July, 1908. Estimated population, 100,000. Total number of deaths, 147, including enteric fever 2, and 16 from tuberculosis. Cases: Diphtheria 6, enteric fever 2, measles 3, scarlet fever 2, and phthisis pulmonalis 11.

FLORIDA.—Reports from the State board of health for the week ended August 15, 1908, show as follows: Enteric fever—*Jacksonville*, 6 cases; *Tampa*, 5 cases; *Port Tampa*, *Woodville*, *Plant City*, *Dade City*, *Mulberry*, and *McClenny*, each 1 case. Diphtheria—*Pensacola*, *Jacksonville*, and *Tampa*, each 1 case. Tuberculosis—*Jacksonville*, 5 cases; *Tampa*, 2 cases; *Bartow*, *Tallahassee*, *Mandarin*, and *Clearwater*, each 1 case.

INDIANA.—Month of June, 1908. Estimated population, 2,648,594. Total number of deaths, 2,409, including 9 from diphtheria, 27 from enteric fever, 8 from measles, 5 from scarlet fever, 25 from whooping cough, 3 from smallpox, and 344 from tuberculosis.

Morbidity: Diphtheria, 73 cases in 24 counties; enteric fever, 127 cases in 45 counties; smallpox, 97 cases in 21 counties.

MINNESOTA.—Month of May, 1908. Estimated population, 1,979,658. Reports to the State board of health show as follows: Total number of deaths, 1,479, including diphtheria 42, enteric fever 13, measles 8, scarlet fever 7, whooping cough 9, smallpox 2, and 161 from tuberculosis. Deaths reported from State institutions during the month numbered 35, including scarlet fever 1, and 5 from tuberculosis.

*Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, June 27 to August 28, 1908.*

[For reports received from December 27, 1917, 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 .....	96		And vicinity.
Mobile .....	June 7-July 4 .....	9		
<b>Total for State</b> .....		<b>94</b>		
<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.
Los Angeles .....	June 7-July 4 .....	6		
Oakland .....	Apr. 1-July 31 .....	16		
Sacramento .....	May 1-31 .....	3		July 13, 1 case on schr. Alumna. Report for June not received.
San Bernardino .....	Dec. 11-July 11 .....	54		Reported out of date.
San Diego County .....	June 1-Aug. 3 .....	98		
Escondido .....	June 1-Aug. 3 .....	15		June 1-13, mainly on Pala Indian Reservation.
San Diego .....	June 1-Aug. 3 .....	25		
San Francisco .....	June 6-Aug. 15 .....	39		
Stockton .....	July 1-31 .....	1		June 6-27, 5 cases from day steamer City of Long Beach.
<b>Total for State</b> .....		<b>257</b>		
<b>Delaware:</b>				
Reedy Island Quarantine Station.	Aug. 9 .....	1		From steamship Haverford.
<b>Total for State</b> .....		<b>1</b>		
<b>District of Columbia:</b>				
Washington .....	June 14-27 .....	8		
<b>Total for District</b> .....		<b>8</b>		
<b>Idaho:</b>				
Carey .....	May 21-Aug. 4 .....	21		
<b>Total for State</b> .....		<b>21</b>		
<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		
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		
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		
<b>Total for State</b> .....		<b>312</b>		

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Indiana:</b>				
Allen County	Apr. 1-June 30	4		
Port 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. 16	47	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		
<b>Total for State</b>		<b>649</b>	<b>4</b>	
<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		
<b>Total for State</b>		<b>2,106</b>		
<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		

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Kansas—Continued.</b>				
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. 15	15		
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		941		
<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		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Michigan—Continued.</b>				
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	3		
Houghton County	May 1-June 30	31		
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		
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		
Shiawassee County	May 1-31	1		
Wayne County, Detroit	July 4-Aug. 1	2		
Wexford County	May 1-June 30	21		
<b>Total for State</b>		<b>371</b>	<b>2</b>	
<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		
Kitson 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		

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Minnesota—Continued.</b>				
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 8....	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		
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		Present and in vicinity.
Durham.....	May 1-July 1.....			And vicinity.
Kansas City.....	June 14-Aug. 8....	6		Do.
La Belle.....	May 1-July 1.....	7		
Lewiston.....	May 1-July 1.....	18		
Monticello.....	May 1-July 1.....	1		
St. Joseph.....	June 7-Aug. 8....	24		
St. Louis.....	June 14-20.....	1		
Total for State.....		86		
<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		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
New York, general	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		
North Carolina:				
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			Present.
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		
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		237		
Ohio, general	Apr. 25-June 13	200		
Canton	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	23		
Total for State		264		
Oregon:				
Portland	Apr. 1-July 31	146		Report for June not received.
Total for State		146		
Rhode Island:				
Pawtucket	June 12-29	1		
Total for State		1		
South Carolina:				
General	Jan. 1-June 30	170	1	
Total for State		170	1	
Tennessee:				
Knoxville	June 21-July 25	2		
Livingston	June 13-Apr. 11	9	1	
Nashville	June 14-20	1		
Total for State		12	1	
Texas:				
Fort Worth	May 1-31	9		
San Antonio	June 14-July 25	9		
Total for State		18		
Utah:				
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		
Total for State		62		



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

Place.	Date.	Cases.	Deaths.	Remarks.
<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-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. 15..	54		
Manitowoc.....	Aug. 2-8.....	1		
Milwaukee.....	June 14-Aug. 8....	17	1	
Total for State.....		72	1	
Grand total, United States .....		7,456	10	

## Plague in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, July 15-August 28, 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.		
Altoona, Pa.....	Aug. 15	38,973	9		5	1			1				1	1	
Ann Arbor, Mich. ....	do	14,509	7									1			
Augusta, Ga.....	Aug. 18	39,441	15	3	1	1	1		2	1					
Baltimore, Md.....	Aug. 15	508,957	214	11	35	89	8	10	7			2		9	
Bayonne, N. J.....	do	32,722						1	1			1			
Beaver Falls, Pa.....	do	10,054	0		1							1			
Berkeley, Cal.....	Aug. 8	18,214	7		1	1	1		1				1		
Biddeford, Me.....	Aug. 15	16,145	3												
Binghamton, N. Y.....	do	38,647	16	2	1			3	1						
Boston, Mass.....	do	590,892	217	28	13	38	1	17	2	31		15	1	21	
Bradford, Pa.....	do	15,029	1												
Brookton, Mass.....	do	40,063	15	3	1	1		1				2			
Butte, Mont.....	Aug. 11	30,470	8	1	1	1		5	1						
Cambridge, Mass.....	Aug. 15	91,886	28	6	1	2		5		5					
Camden, N. J.....	do	75,985	25							2					



## 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.
North Adams, Mass.	Aug. 15	24,200	5												
Northampton, Mass.	do	18,643	2									2	1		
Oneonta, N. Y.	do	7,147	4												
Orange, N. J.	do	24,141	9	1	1										
Ottumwa, Iowa	do	18,197	11			4				1					
Philadelphia, Pa.	do	1,293,697	449	116	52	50	6	24	2	33	5	26	2	15	4
Pittsfield, Mass.	July 18	21,766	10	3	1					1					
Do	July 25	21,766	6	3		1						1			
Do	Aug. 1	21,766	11	1	1	2									
Do	Aug. 8	21,766	9		1	1		1							
Do	Aug. 15	21,766	5		2	1	2								
Plainfield, N. J.	do	16,869	11	2	2	1									
Portsmouth, N. H.	do	10,637								1					
Portsmouth, Va.	Aug. 18	17,427	9		1	3				1	1				
Providence, R. I.	Aug. 15	175,597	64		3	1	1	1		6					1
Quincy, Mass.	Aug. 1	23,899	5		1	4				1				5	
Do	Aug. 8	23,899	7	1				2							
Do	Aug. 15	23,899	12					1							
Racine, Wis.	do	29,102	5	5											
Reading, Pa.	Aug. 17	78,961	22	1	1	5		1		1				2	
Richmond, Va.	Aug. 15	85,050	40	7	1	19				1	1			1	1
St. Joseph, Mo.	Aug. 1	102,979	15	25	2	9									
St. Louis, Mo.	Aug. 15	575,238	176	40	17	34	7	7		12	1	2		14	2
San Francisco, Cal.	Aug. 8	342,782	115	19	14		3	3		2	1	8		2	2
Scranton, Pa.	Aug. 15	102,026	41			5		3	2	3					
Somerville, Mass.	do	61,643	14	1		4		1		3		4		3	
South Bend, Ind.	do	35,999	12	1	1					1				1	1
Spokane, Wash.	Aug. 8	38,848			1	1	2			6	1	1			
Springfield, Ill.	Aug. 13	34,159	13					1							
Springfield, Mass.	Aug. 15	62,059	23			2	1	2		3					
Springfield, Ohio	do	38,253	9	6	1	2									
Steelton, Pa.	do	12,068	6		1	3		2							
Tacoma, Wash.	Aug. 9	37,714	9		2	1	1	1		1					
Taunton, Mass.	Aug. 15	31,036	17	2	3	1	1								
Titusville, Pa.	do	8,244	2												
Toledo, Ohio	do	131,822	41		6	7	1	1	2	4	1	1			
Topeka, Kans.	Aug. 8	33,608	19	2	2	1	1			1				1	1
Trenton, N. J.	Aug. 15	73,807		1		3		1		1					
Waltham, Mass.	Aug. 9	23,481	4			1				2					
Warren, Ohio	Aug. 15	8,529	2												
Washington, D. C.	do	278,718	94		12	33		1		1		3		14	1
Wilkes-Barre, Pa.	Aug. 14	51,721	23	1		4		2		2		1			
Williamsport, Pa.	Aug. 15	28,757	10			2				3					
Winona, Minn.	July 25	19,714	3												
Do	Aug. 15	19,714	5		1										
Woburn, Mass.	do	14,254	4					1		1					
Worcester, Mass.	Aug. 8	118,421	37	4	9			1		4				1	
Do	Aug. 15	118,421	47	4	4	2	1	2		16		1		1	

a Intervening weeks previously reported.

## FOREIGN AND INSULAR.

### BARBADOS.

*Reports from Bridgetown—Inspection of vessels—Sanitary conditions—Quarantine again in force against Trinidad on account of plague—Treatment of vessels from Trinidad.*

Acting Assistant Surgeon Urquhart reports, August 1, 8, and 9:  
Week ended August 1.

Bills of health were issued to 8 vessels, having a total of 59 passengers and with 288 members of crews.

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

It is officially reported here that a case of bubonic plague occurred July 22, at Port of Spain, Trinidad. The case was taken ill July 22, isolated July 25, and died July 28. This island has again in force a rigid quarantine against Trinidad.

Week ended August 8.

Bills of health were issued to 8 vessels, with a total of 168 passengers and with 365 members of crews.

The 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 week for the port or island.

The following statement is received from the board of health here: No passengers are brought to this island from Trinidad by steamships. Passengers that are brought here by sailing ships from Trinidad are kept under observation for ten days on board such ships, which are anchored on the quarantine grounds. The baggage of passengers who are allowed to land after the expiration of the observation period mentioned above is disinfected by sulphur dioxide gas for a period of twelve hours, under the supervision of the health officer (port physician), prior to such baggage being landed. No cargo is brought here from Trinidad by steamships. The cargo brought by sailing ships consists of fruit, patent fuel, and alcoholic products, which are allowed to be landed after fumigation. Vessels arriving here from Trinidad are fumigated twice; that is, before and after discharge of cargo, and are not allowed to come alongside any of the wharves nor within the inner or inclosed harbor.

### BRITISH HONDURAS.

*Report from Belize, fruit port—Precautions taken against Guatemala.*

Acting Assistant Surgeon Mengis reports:

Week ended August 13. 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. 7	Belize .....	Mobile .....	18	1	1
7	Preston .....	New Orleans .....	37	7	15
7	Frances .....	New York .....	7	0	0
8	Frutera .....	New York via Central American ports.	25	0	0
12	Venus .....	Pensacola .....	26	0	0
12	Fred W. Homans .....	Tampa .....	7	0	0

Precautions taken by local authorities against Guatemala: Six days' detention of passengers and no communication with vessels.

## CHINA.

*Reports from Hongkong—Quarantine restrictions—Plague, smallpox, and cholera—Inspection of vessels—Examination of emigrants.*

Acting Assistant Surgeon Hough reports, July 17:

Week ended July 11:

Restrictions enforced by Hongkong remain as reported on June 13.

Restrictions enforced against Hongkong remain as reported on June 13.

Quarantinable diseases: Plague 36 cases, 28 deaths; smallpox 2 cases, 2 deaths; cholera 2 cases, 2 deaths.

Vessels inspected and granted bills of health, 8.

Examination of aliens bound from Hongkong to the Philippine Islands during the week ended July 4: Examined, 34; rejected (for trachoma), 16.

Week ended July 11: Examined 59; rejected for fever, 42.

## COSTA RICA.

*Report from Limon, fruit port.*

Acting Assistant Surgeon Goodman reports:

Week ended August 8: 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.
Aug. 2	Limon .....	Boston .....	44	6	0
3	Prinz Aug. Wilhelm .....	New York .....	133	108	6
5	Chickahominy .....	New Orleans .....	46	1	0
5	Ellis .....	do .....	36	2	23
7	Matina .....	New York .....	47	4	0
7	Antonio Lopez .....	Ponce, P. R. .....	125	35	145
8	Hispania .....	New Orleans .....	20	0	0

Four bills of health for Panaman ports were viséed, and certificates issued to 36 passengers bound for Colon.

CUBA.

*Report from Habana—Inspection and fumigation of vessels—Quarantine against Mexican ports—House inspection—Improvement at Daiquiri.*

Passed Assistant Surgeon Amesse reports, August 17:  
Week ended August 15:

Vessels inspected.....	7
Bills of health issued.....	12
Members of crews of outgoing vessels inspected.....	608
Passengers of outgoing vessels inspected.....	343
Certificates of immunity to yellow fever issued.....	15
Certificates issued to passengers bound for New York.....	170
Certificates issued to passengers bound for southern ports.....	112
Vessel fumigated prior to sailing.....	1

The sanitary department of Cuba will maintain a rigid quarantine against Mexican ports until yellow fever is officially declared extinct. All passengers arriving at Habana from these points are detained in the Tricornia camp to complete the incubation period, and persons in transit are forbidden shore liberty.

The city health officer announces for the week 11,191 house inspections and the detection of 37 deposits of larvæ, 24 of which were collections of the larvæ of *stegomyia*.

At Daiquiri, a decided improvement is shown, but one case of yellow fever having been reported during the above period.

*Reports from Matanzas—Inspection and fumigation of vessels.*

Acting Assistant Surgeon Nuñez reports, August 11 and 17:

Week ended August 8. During this period bills of health were granted to 4 vessels clearing for United States ports. One of these, the British steamship *Anselma de Larrinaga*, bound from Rosario to Boston via Buenos Aires, Montevideo, Para, the island of St. Lucia, Habana, and Matanzas, was fumigated August 8 at this port as a precautionary measure against plague. Although there was no sickness nor anything suspicious of plague aboard, the vessel was fumigated by this Service at St. Lucia and again by the Cuban service in Habana.

No quarantinable disease has been reported during the week.

Week ended August 15. Bills of health were issued to 5 vessels leaving for United States ports in good sanitary condition. Of these, the Norwegian steamship *Galveston*, with a crew of 20 and no passengers, destined for Pensacola, the American barge *City of San Antonio*, with 8 members of crew and no passengers, clearing for New Orleans; and the American steamship *Northman*, bound also for New Orleans, having 23 in the crew and no passengers, were fumigated on August 11 and 14, respectively. No sickness had developed aboard either of these vessels up to the time of their inspection.

There were no quarantinable diseases reported during the week.

*Reports from Santiago—Inspection of vessels—Fumigation of vessel to destroy mosquitoes—Mosquito-inspection work—Status of yellow fever at Daiquiri—History of new case of yellow fever at Santiago.*

Acting Assistant Surgeon Wilson reports, August 11 and 15:

Week ended August 8: Bills of health issued to 2 vessels bound for the United States. One of these, the British schooner *Glenafton*, bound, empty, for Mobile, was fumigated before leaving, to kill mosquitoes.

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

The following is a report of the mosquito-inspection work:

Houses inspected.....	5,612
Houses in which larvæ were found.....	60
Reinspections.....	787

In my last weekly report, dated August 5, I mentioned that there were 4 cases of yellow fever at Daiquiri, of which one had died and one was discharged cured. There were 2 remaining under treatment. These were discharged cured on August 7, and up to to-day no new case has been reported.

August 15. Another case of yellow fever has occurred at Daiquiri. His history is as follows: F. D., Spaniard; taken sick July 31; admitted to hospital August 1; discharged cured August 13. It was a mild case.

CURACAO.

*Fatal yellow fever case; imported.*

Consul Cheney reports, July 7:

The authorities have established quarantine at this port against all vessels proceeding from Puerto Cabello. A case of yellow fever developed here July 1, the patient dying July 2. The patient was a woman, belonging to a Spanish vaudeville troupe, which has been touring Venezuela. She had been here a week. A week has intervened and no other case has developed. The patient was immediately quarantined in hospital. The quarantine is mainly with reference to the plague, which, so far, Curacao has escaped. There is an excellent quarantine station at Caracas Bay, about 7 miles east of the port. About 75 refugees from La Guaira, all Curaçaoans, have passed quarantine there since the disease broke out in La Guaira. Up to the 2d instant, free ingress was given to passengers from Puerto Cabello who could show that they had not been in La Guaira or Caracas within ten days.

GUATEMALA.

*Report from Puerto Barrios, fruit port.*

Acting Assistant Surgeon Wailes reports:

Week ended August 13. Present officially estimated population, 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.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
Aug. 9	Frutera.....	25	11		
13	Bertha.....	28	27		

**HAWAII.**

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

Passed Assistant Surgeon Currie reports, August 1, through Chief Quarantine Officer Cofer:  
 Week ended August 1:

Rats trapped in Honolulu.....	636
Rats found dead in Honolulu.....	0
Total rats taken in Honolulu.....	636
Rats from Honolulu examined in this laboratory.....	552
Total rats examined bacteriologically.....	552
Total rats destroyed.....	636

**CLASSIFICATION OF RATS FROM HONOLULU.**

Mus rattus.....	160
Mus norvegicus.....	93
Mus alexandrinus.....	72
Mus musculus.....	311
Total classified.....	636
Average number of traps set daily.....	720
Rats from Honolulu showing plague infection.....	0

**HONDURAS.**

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

Acting Assistant Surgeon Jumel reports:  
 Week ended August 13. Present officially estimated population, 6,500. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
Aug. 7	Joseph Vaccaro.....	34	11	0	0
9	Colombia.....	19	0	0	0
9	John Wilson.....	17	1	0	0
10	Marietta Di Giorgio.....	20	0	0	0



*Report from Tela, fruit port.*

Acting Assistant Surgeon Roe reports:

Week ended August 9. 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. 6	Joseph Vaccaro.....	New Orleans.....	34	0	0
8	Colombia.....	Mobile.....	19	0	0

## INDIA.

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

Acting Assistant Surgeon Allan reports, July 23:

Week ended July 11, there were 28 deaths from cholera, 29 from plague, and 7 from smallpox in Calcutta. In Bengal during the same period there were 32 cases of plague with 31 deaths, and throughout India there were 569 cases of plague with 453 deaths.

## ITALY.

*Reports from Naples—Inspection and fumigation of vessels—Smallpox in Italy—Smallpox in Naples.*

Assistant Surgeon Wollenberg reports, August 3 and 10:

*Vessels inspected at Naples, Messina, and Palermo week ended August 1.*

## NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
July 29	Pannonia.....	New York.....			
29	Italia.....	do.....	97	25	220
30	Re d'Italia.....	do.....	259	80	420
Aug. 1	Ouessant.....	San Francisco.....			
	Total.....		356	105	640

## MESSINA.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
July 30	Italia.....	New York.....	19	16	31
30	San Giorgio.....	do.....	33	15	39
	Total.....		52	31	70

## PALERMO.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
July 31	Italia.....	New York.....	43	50	10
31	Re d'Italia.....	do.....	96	154	46
Aug. 1	San Giorgio.....	do.....	88	122	66
	Total.....		227	326	122

*Rejections recommended.*

NAPLES.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Suspected favus.	Other causes.	Total.
July 29	Pannonia.....						
29	Italia.....	5		2			7
30	Re d'Italia.....	15	1	8		2	26
Aug. 1	Ouessant.....						
	Total.....	20	1	10		2	33

MESSINA.

July 30	Italia.....	3					3
30	San Giorgio.....	3					3
	Total.....	6					6

PALERMO.

July 31	Italia.....	4		4		1	9
31	Re d'Italia.....	6		8		2	16
Aug. 1	San Giorgio.....	5		8			13
	Total.....	15		20		3	38

*Vessels inspected at Naples week ended August 8.*

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Aug. 6	Europa.....	New York.....	323	45	380
6	Germania.....	do.....	109	20	180
7	König Albert.....	do.....	159	30	220
	Total.....		591	95	780

*Rejections recommended.*

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Suspected favus.	Other causes.	Total.
Aug. 6	Europa.....	16		5			21
6	Germania.....	3		2			5
7	König Albert.....	2		3		1	6
	Total.....	21		10		1	32

*Smallpox in Naples.*—During the week ending August 9, 1908, 6 cases of smallpox, with 1 death, were reported at the health office of the city of Naples. From the date of introduction of the disease, June 13, 1908, to the present, the total number of cases have been 71, with 6 deaths.

Two weeks ended August 2. *Smallpox*—Cases: Castel San Pietro (Bologna) 4, Carsoli 1, Bussi 1, Cocullo 1, Trasacco 1, Collelungo (Aquila) 1; Crecchio (Chieti) 1; Segni 4, San Michele in Teverina 2, Viterbo 2, Monte Rotondo (Rome) 8; Naples 29, S. Giorgio a Cremano 1, Cereola 3, Villaricca 4, Melito 1, San Giovanni a Teduccio 1, Ischia

(Naples) 2; Montemilone 2, Marsico Nuovo 1, Venosa 1, Montemurro 1, Genzano (Potenza) 1; Cinquefrondi 13, Giffone 19, Polistena 2, Maropati 2, San Giorgio Morgeto (Reggio Calabria) 6; Syracuse 2; Marsala (Trapani) 1.

#### JAPAN.

*Report from Kobe—Inspection and fumigation of vessels—Examination of emigrants—Plague—Smallpox at Osaka.*

Acting Assistant Surgeon Slade reports, July 29:

Week ended July 25. Three supplemental bills of health were granted to 3 steamers.

There were inspected 119 members of crews and 28 steerage passengers. Four steerage passengers were bathed and disinfected and had their effects disinfected by steam. The number of pieces of baggage steamed was 11 and of bedding 8. Manifests were viséed for 13,228 pieces of freight, amounting to 1,392 tons.

Emigrants examined: Per steamship *Minnesota* for Seattle, passed 4, recommended for rejection 2.

The official returns of infectious diseases for the week show that there were reported in Kobe 2 cases of plague with 3 deaths. The 2 cases of plague reported occurred at same place and in the immediate vicinity of case reported July 18.

The report from Osaka for the week ended July 18 gives no cases nor deaths from smallpox. For the week ended July 25, 1 case of smallpox was reported.

#### MEXICO.

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

Acting Assistant Surgeon Thompson reports, August 13:

Week ended August 12. Two steamships were inspected. One of these was fumigated.

No cases of any quarantinable disease have been reported and the health of the port is satisfactory. The rainy season continues and the mosquitoes are more numerous.

*Report from Progreso—Yellow fever case at Merida.*

Acting Assistant Surgeon Harrison reports:

August 25. One case of yellow fever August 23 at the lazaretto, Merida.

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

Acting Assistant Surgeon McPherson reports, August 16:

During the period, August 1 to 15, inclusive, two steamships cleared from this port for the United States. Both were inspected and fumigated according to regulations on leaving. There is at present an outbreak of dengue fever in this port and neighborhood, and a considerable number of cases have been noted.

*Report from Veracruz—Inspection and fumigation of vessels—Sanitary conditions—Status of yellow fever—New case of yellow fever.*

Acting Assistant Surgeon Jacobs reports, August 9:

Week ended August 8. Total bills of health issued, 10; vessels inspected and fumigated, 8; vessels inspected only, 2. Total members of crews inspected, 355; cabin passengers, 66; steerage passengers, 21.

The sanitary and health conditions of Veracruz and vicinity are fair. One new case of yellow fever was reported August 4 and the patient died August 6. This makes a total of 6 cases and 3 deaths.

Rains have not been as frequent as during the two weeks ended July 26. Mosquitoes are increasing. *Stegomyia calopus* are not plentiful.

August 21. One new case of yellow fever was reported to-day.

NICARAGUA.

*Report from Bluefields, fruit port—Mosquitoes present.*

Acting Assistant Surgeon Layton reports:

Week ended August 4. Present officially estimated population, 2,500. General sanitary condition of this port and the surrounding country during the week, good. *Stegomyia calopus* present. Mosquitoes constantly present, but not in very large numbers.

Bill of health issued to the following-named vessel:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
Aug. 1	Imperator .....	New Orleans, La...	21	9	0

Temperatures of all on board taken and found normal.

PANAMA.

*Report from Bocas del Toro, fruit port.*

Acting Assistant Surgeon Osterhout reports:

Week ended August 12. General sanitary condition of this port and the surrounding country during the week, good. Present officially estimated population, 4,954.

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.	Pieces of baggage disinfected.
Aug. 6	Fort Gaines.....	Mobile .....	23	2	0	0
7	Chickahominy .....	New Orleans.....	46	8	0	0
9	Taunton.....	Mobile .....	24	0	0	0

## PERSIA.

*Report from Teheran—Death from cholera.*

The following is received through the Department of State from Vice-Consul-General Tyler, under date of July 20:

July 7 I received from the president of the sanitary council of Teheran a copy of a circular note sent to the various legations, intimating that a French woman had died of cholera July 3.

## PERU.

*Reports from Callao—Inspection and fumigation of vessels—Status of plague in Peru—Smallpox in Lima—Summaries of transactions, May and June, 1908—Improvement at Salaverry—Plague at Callao and in Chilean ports.*

Acting Assistant Surgeon Gutierrez reports, July 26 and August 3: Week ended July 25. A British ship and 2 steamships were dispatched with an aggregate personnel of 192 in the crew, and 110 cabin and 72 steerage passengers. The 2 steamships were fumigated.

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

Locality.	Cases July 14.	New.	Recovered.	Died.	Remaining July 20.
Lima .....	13	2	2	5	8
Callao .....	1	3	.....	2	2
Trujillo (city) .....	36	7	6	4	33
Trujillo (country) .....					
Chiclayo .....	1	1	.....	.....	2
Mollendo .....	2	.....	.....	.....	2
Chepen (Pacasmayo) .....	7	4	.....	4	7

The cases reported from Pacasmayo occurred in the country; the port has had no new cases for a year and a half.

At present there are 6 cases of smallpox in the lazaretto in Lima, the last having occurred July 18.

The sanitary conditions in Salaverry are unchanged with respect to plague. From July 14 to 24 two cases have occurred there, both on July 19.

## SUMMARY OF TRANSACTIONS.

*Month of May.*

Vessels fumigated and received bills of health .....	9
Members of crews inspected .....	535
Cabin passengers inspected .....	318
Steerage passengers inspected .....	214
Total certificates of health issued to steerage passengers .....	191
Persons vaccinated .....	67
Pieces of baggage inspected and passed .....	19
Pieces of baggage disinfected .....	265
Permissions to embark cargo on deck .....	5

## Month of June.

Vessels fumigated and dispatched.....	15
Vessels dispatched and not fumigated.....	2
Cabin passengers inspected.....	276
Steerage passengers inspected.....	275
Health certificates issued to steerage passengers.....	270
Members of crews inspected.....	730
Persons vaccinated.....	60
Pieces of baggage inspected and passed.....	66
Pieces of baggage disinfected.....	371
Permissions to embark cargo on deck.....	4
Permission to embark dry hides.....	1

Week ended August 1. During the week only the British steamer *Peru* received bill of health. Aggregate personnel, 95 members of crew, 38 cabin and 52 steerage passengers. The vessel was fumigated.

The situation in Salaverry is better with respect to plague; from July 20 to 30 no more cases of plague occurred. At Callao 3 new cases of plague have been isolated during the same period.

Bills of health from Chile report plague as follows: Antofagasta (July 20), 3 cases, no deaths; Iquique (July 21), 3 cases and 2 deaths; 4 cases in the lazaretto; Arica (July 22), 1 case, no deaths.

## PHILIPPINE ISLANDS.

*Reports from Manila—Smallpox—Cholera increasing in the provinces—Inspection of vessels.*

Chief Quarantine Officer Heiser reports, June 30 and July 6:

Week ended June 27. Six cases of smallpox, with 4 deaths, were reported in Manila.

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

June 25, the British steamship *Muncaster Castle*, with 48 in the crew, en route from Kobe to Boston and New York via Cebu, was granted a supplemental bill of health after the usual inspection of cargo and personnel.

June 27, the British steamship *Teucer*, with 86 in the crew, en route from Seattle to Cebu, was granted a supplemental bill of health.

Week ended July 4. Eleven cases of smallpox, with 6 deaths, were reported in Manila among persons who had not been properly vaccinated. In quite a number of instances the cases have occurred among persons who recently arrived from the provinces, and therefore were not included in the systematic vaccination which has been carried on for some time past by the bureau of health.

The number of cases of cholera still continues to increase in the province of Pangasinan. During the past week it spread into the provinces of La Union, Nueva Ecija, and Tarlac. These provinces are badly prepared to combat cholera, which has taken on many of the characteristics of an epidemic.

During the past week there has been a total of 614 cases and 331 deaths in the provinces north of Manila.

The cholera situation in the province of Capiz has undergone a decided improvement. There were only 10 cases and 8 deaths reported for the week.

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

July 1, the British steamship *Changsha*, with 72 in the crew and 73 passengers, en route from Hongkong to Zamboanga, was granted a supplemental bill of health.

July 2, the British steamship *Saint Oswald*, with 38 in the crew, en route from Moji to Cebu, was granted a supplemental bill of health.

July 3, the British steamship *Oanfa*, with 91 in the crew, en route from Liverpool to Seattle and Tacoma, was granted a supplemental bill of health after the usual inspection of crew and cargo.

#### ST. LUCIA ISLAND.

##### *Reports from Castries—Sanitary conditions.*

Acting Assistant Surgeon Maylie reports, August 3 and 10:

Week ended August 1. Sanitary condition of this port and vicinity is good. No quarantinable diseases exist.

Week ended August 8. The sanitary condition of the port and vicinity is good. No quarantinable diseases exist.

#### ST. THOMAS.

##### *Official measures to be carried out for destruction of rodents.*

Acting Assistant Surgeon Wild reports, August 11:

A bounty on rats and mice has been officially declared for this island. The authorities are to institute and supervise the poisoning of rats and mice.

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

AUSTRALIA—*New South Wales—Newcastle.*—Month of June, 1908. Estimated population, 51,450. Total number of deaths, 52, including diphtheria 1, enteric fever 2, and 4 from tuberculosis.

AZORES—*St. Michaels and St. Marie.*—Month of June, 1908. Estimated population, 127,566. Total number of deaths, 258, including enteric fever 1, measles 3, scarlet fever 1, and 8 from tuberculosis.

BRAZIL—*Pernambuco.*—Month of June, 1908. Estimated population, 210,000. Total number of deaths, 637, including smallpox 55, enteric fever 2, malarial fever 30, leprosy 1, beriberi 1, plague 1, and 127 from tuberculosis.

CANADA—*British Columbia—Vancouver.*—Month of July, 1908. Estimated population, 60,100. Total number of deaths, 48, including beriberi 1, and 8 from tuberculosis.

FRANCE—*Cherbourg.*—Month of July, 1908. Estimated population, 43,948. Total number of deaths, 59, including enteric fever 1, and 5 from tuberculosis.

*Marseille.*—Month of July, 1908. Estimated population, 517,498. Total number of deaths, 972, including diphtheria 5, enteric fever 65, measles 37, scarlet fever 2, whooping cough 3, smallpox 1, and 95 from tuberculosis.

*St. Etienne.*—Month of July, 1908. Estimated population, 150,000. Total number of deaths, 203, including measles 1, enteric fever 2, diphtheria 1, and 30 from tuberculosis.

**GREAT BRITAIN—*England and Wales.***—The deaths registered in 76 great towns in England and Wales during the week ended August 1, 1908, correspond to an annual rate of 12.1 per 1,000 population, which is estimated at 16,234,952.

*London.*—One thousand and fifty-seven deaths were registered during the week, including measles 19, scarlet fever 10, diphtheria 13, whooping cough 10, enteric fever 1, tuberculosis 165, and 50 from diarrhea. The deaths from all causes correspond to an annual rate of 11.5 per 1,000. In Greater London 1,469 deaths were registered. In the "outer ring" the deaths included 2 from measles, 3 from scarlet fever, 6 from diphtheria, and 3 from whooping cough.

*Portsmouth.*—Four weeks ended July 11, 1908. Estimated population, 208,291. Total number of deaths, 159, including diphtheria 3, and whooping cough 8.

*Salford.*—Two weeks ended August 1, 1908. Estimated population, 239,294. Total number of deaths, 131, including measles 1, whooping cough 5, diphtheria 5, and 13 from phthisis pulmonalis.

*Ireland.*—The average annual death rate represented by the deaths registered during the week ended August 1, 1908, in the 21 principal town districts of Ireland was 14.6 per 1,000 of the population, which is estimated at 1,131,959. The lowest rate was recorded in Ballymena, viz, 4.8, and the highest in Newry, viz, 25.2 per 1,000.

*Scotland.*—The deaths registered in 8 principal towns during the week ended August 1, 1908, correspond to an annual rate of 13.5 per 1,000 of the population, which is estimated at 1,839,038. The highest rate of mortality was recorded in Dundee, viz, 17.3, and the lowest in Perth, viz, 7.4 per 1,000. The aggregate number of deaths registered from all causes was 476, including measles 2, scarlet fever 1, enteric fever 1, diphtheria 6, and 18 from whooping cough.

**GREECE—*Patras.***—Month of July, 1908. Estimated population, 42,500. Total number of deaths, 24, including enteric fever 2, diphtheria 2, whooping cough 1, and 8 from tuberculosis.

**ITALY—*Genoa.***—Month of June, 1908. Estimated population, 273,011. Total number of deaths, 436, including enteric fever 4, measles 3, and 54 from tuberculosis.

**JAMAICA—*Kingston.***—Month of July, 1908. Estimated population, 52,065. Total number of deaths, 160, including enteric fever 14, and 15 from phthisis pulmonalis.



**JAPAN—Formosa.**—Two weeks ended July 18, 1908. Estimated population, 3,050,004. Total number of deaths not reported. Twelve deaths from enteric fever and 7 from plague reported.

**MALTA.**—Two weeks ended August 1, 1908. Estimated population, 206,690. Total number of deaths, 211, including diphtheria 1, enteric fever 1, and 10 from tuberculosis.

**SPAIN—Barcelona.**—Month of July, 1908. Estimated population, 600,000. Total number of deaths, 764, including diphtheria 8, enteric fever 22, smallpox 4, measles 29, scarlet fever 3, whooping cough 12, and 90 from tuberculosis.

**Malaga.**—Month of March, 1908. Estimated population, 135,000. Total number of deaths, 330, including diphtheria 1, smallpox 3, and 31 from tuberculosis.

Month of April, 1908. Total number of deaths, 341, including diphtheria 3, enteric fever 5, smallpox 1, and 30 from tuberculosis.

**SWITZERLAND.**—Week ended July 25, 1908. Reports from 18 cities, having an aggregate population of 876,946, show as follows: Total number of deaths, 240, including diphtheria 4, measles 2, scarlet fever 1, whooping cough 3, enteric fever 2, and 39 from tuberculosis.

**WEST INDIES—Curaçao.**—Two weeks ended August 7, 1908. Estimated population, 30,400. Total number of deaths, 20.

*Cholera, yellow fever, plague, and smallpox, from June 26 to August 28, 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 11 .....	30	20	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-July 11 .....	7	6	
India:				
Bombay .....	May 20-July 21 .....		7	
Calcutta .....	May 10-July 11 .....		509	On S. S. Annie en route May 23-June 1, 2 deaths.
Madras .....	May 16-July 17 .....		39	
Rangoon .....	May 17-July 11 .....		55	
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 23 and June 6 include Cholen.
Persia:				
Teheran .....	July 3 .....	1	1	
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.

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

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Philippine Islands—Cont'd. 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 23	236	191	June 18, 100 cases daily. June 28-July 4, 10 cases, 8 deaths.
Cavite	Jan. 1-Mar. 31	22	20	
La Laguna	Jan. 1-Mar. 31	5	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 23	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:				
Astrachán	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-Aug. 1	27	27	
Para	May 31-Aug. 8	21	20	
Pernambuco	June 15-30		1	
Rio de Janeiro	June 1-28	3	3	
Cuba:				
Santiago Province— Daiquiri	June 27-Aug. 15	20	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.
Merida	Aug. 23	1		
Tierra Blanca	July 27	1		
Veraacruz	July 7-Aug. 21	9	6	
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.
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 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	

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

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>China:</b>				
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-July 18 .....			Present.
Hongkong .....	May 10-July 11 .....	822	670	
Hsing-Sua .....	June 2-8 .....			Do.
Swatow .....	July 4 .....			Do.
<b>Ecuador:</b>				
Guayaquil .....	May 31-July 18 .....		19	
<b>Egypt:</b>				
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	
<b>Provinces—</b>				
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 .....	33	13	
Menouf .....	May 26-July 30 .....	33	7	
<b>India:</b>				
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	1,083	
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	
<b>Indo-China:</b>				
Cholen .....	May 10-July 11 .....	46	44	Cholen included, July 6 and 13.
Saigon .....	May 10-July 11 .....	68	58	
<b>Japan:</b>				
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		
Osaka .....	May 10-June 27 .....	19	18	
Mauritius .....	June 5-11 .....	4	1	
<b>Peru:</b>				
Callao .....	May 20-July 20 .....	23	8	Aug. 1. present. And vicinity.
Chepen (Pacasmayo) .....	July 8-20 .....	11	4	
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		
Niepos (Hualgayoc) .....	June 2-8 .....	2		
Salaverry .....	May 2-July 19 .....	17		
Trujillo .....	May 20-July 20 .....	136	64	Do.
<b>Siam:</b>				
Puket .....	May 9 .....			Present. Do.
Tongkah .....	May 4 .....			
<b>Straits Settlements:</b>				
Singapore .....	May 17-30 .....		2	
<b>Trinidad:</b>				
Port of Spain .....	June 4-July 28 .....	15	11	
<b>Turkey in Asia:</b>				
Adalia .....	July 27 .....	2		
Bagdad .....	June 7-Aug. 2 .....	68	43	
<b>Uruguay:</b>				
Montevideo .....	Apr. 1-May 31 .....		5	
<b>Venezuela:</b>				
Caracas .....	June 10-27 .....	15	4	July 18-25, 5 cases, 3 deaths; July 4-21, 25 cases, estimated. Present to July 8. Suburb of La Guaira.
La Guaira .....	June 16-30 .....	5	2	
Maiquetia .....	June 28 .....	1		

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

SMALLPOX.

Place.	Date.	Cases.	Deaths.	Remarks.
Algeria:				
Algiers .....	June 29-July 4.....		2	
Arabia:				
Aden .....	May 28-July 27.....		26	
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 5.....		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. 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 11.....	14	4	
China:				
Amoy (Kulangsu) .....	Apr. 5-May 16.....		1	
Foochoo .....	Apr. 26-June 27.....			Present.
Hongkong .....	May 10-July 11.....	29	17	
Nanking .....	June 11.....			Epidemic.
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 29.....	41	17	
Suez .....	June 18-July 1.....	5		
France:				
Marseille .....	July 1-31.....		1	
Paris .....	May 31-Aug. 1.....	9		
Toulon .....	May 1-31.....	1		
Germany, general .....	May 24-July 18.....	39		
Bremen .....	May 24-June 6.....	3		
Great Britain:				
Liverpool .....	Apr. 30-Aug. 8.....	3		
India:				
Bombay .....	May 20-July 21.....		186	
Calcutta .....	May 10-July 11.....		106	
Madras .....	May 23-29.....		1	
Indo-China:				
Cholen .....	May 24-July 4.....	8	4	
Italy, general .....	June 8-Aug. 2.....	287		
Catania .....	May 22-June 11.....		1	
Genoa .....	May 1-31.....	2		
Naples .....	June 7-Aug. 1.....	79	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. F. Muncaster Castle.
Nagasaki .....	May 26-31.....	1		
Osaka .....	May 10-July 25.....	115	58	
Yokohama .....	June 2-29.....	3		
Java:				
Batavia .....	May 10-July 11.....	34	1	
Mexico:				
Aguscalientes .....	June 8-July 12.....		8	
Mexico City .....	May 10-June 27.....		125	
Monterey .....	June 8-14.....		1	
Netherlands, The:				
Amsterdam .....	July 27-Aug. 1.....	1		

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





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 g cough.		
Port Elizabeth	July 18	32,959	18	2						1						
Prague	July 25	231,780	110	24						1	1					
Do	Aug. 1	231,780	110	24						2	2			1		2
Queenstown	July 25	7,684	2													
Do	Aug. 1	7,684	3													
Rangoon	July 4	252,155	262	3	53	3										
Do	July 11	252,155	268	9	52	7										
Rotterdam	Aug. 8	407,502	116								5					
St. John, N. B	Aug. 15	40,789	12	4												
St. Petersburg	July 25	1,673,000	868	87				3	3	39	9	9	39			8
Salina Cruz	Aug. 1	4,000	8	1												
San Feliu de Guixols	Aug. 8	11,094	7	1								1				
Santa Cruz de Tenerife	July 25	46,000	11	2												
Do	Aug. 1	46,000	17	3												2
Santiago de Cuba	Aug. 8	45,497	21							1						
Sheffield	July 25	440,000	101	9								2				3
Do	Aug. 1	440,000	103	14							1	1				
Singapore	July 4	260,000	254	36						5						
Do	July 11	260,000	261	32			1			3						
Southampton	Aug. 1	122,196	19	3						1		1				
Do	Aug. 8	122,196	19	1						1		1				
Stettin	Aug. 1	230,000	151	9						1		1				2
Stockholm	July 18	337,460	61	11												
Suez	July 1	19,786	11													
Do	July 8	19,786	4													
Do	July 15	19,786	12									1				
Do	July 22	19,786	17													
Do	July 29	19,786	13													
Sunderland	Aug. 1	157,495	48	3							1					
Tarragona	do	20,400	12	1												
Tegucigalpa	July 29	24,000	5													
Do	Aug. 5	24,000	16	1												
Trieste	Aug. 1	213,719	84									2				
Turin	July 26	373,701	123	15						4						1
Valencia	July 25	250,000	105	8				1				1				
Do	Aug. 1	250,000	96	7						1	1					
Veracruz	do	32,000	36	13			1									
Vevey	July 25	14,000	3													
Victoria, B. C.	Aug. 8	27,500	5													
Vigo	Aug. 1	36,000	13	2						1						

By authority of the Secretary of the Treasury:

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