

# PUBLIC HEALTH REPORTS.

## UNITED STATES.

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

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

Passed Assistant Surgeon Blue reports, November 18 and 23:

### SAN FRANCISCO, CAL.

*Week ended November 21.*

Last case of human plague.....	Sickened, January 30, 1908
Sick inspected .....	5
Plague .....	0
Dead inspected.....	113
Plague .....	0
Necropsy held .....	1
Premises inspected .....	12, 150
Houses disinfected .....	18
Houses destroyed.....	2
Buildings condemned.....	6
Nuisances abated.....	1, 033
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Rats found dead.....	86
Rats trapped.....	2, 294
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Total rats taken .....	2, 380
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Rats identified:	
Mus norvegicus .....	1, 520
Mus rattus .....	44
Mus musculus.....	774
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Total .....	2, 338
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Rats examined bacteriologically.....	1, 355
Plague rats .....	0
Certificates of inspection of freight.....	6
Poisons placed .....	93, 698
Rats identified as to sex.....	1, 421
Male .....	579
Female .....	842

December 4, 1908

1756

OAKLAND, CAL.

*Week ended November 14.*

Dead inspected.....	33
Plague.....	0
Rats trapped.....	214
Rats examined bacteriologically.....	214
Plague rats.....	0
Mice trapped.....	4
Mice examined bacteriologically.....	4
Plague mice.....	0
Necropsy held.....	1

POINT RICHMOND, CAL.

*Week ended November 14.*

Premises inspected.....	546
Nuisances abated.....	36
Rats found dead.....	55
Rats trapped.....	25
Rats examined bacteriologically.....	22
Plague rats.....	0
Poisons placed.....	21,000

ALAMEDA COUNTY, CAL.

*Week ended November 14.*

Sick inspected.....	16
Plague.....	0
Dead inspected.....	57
Plague.....	0
Necropsys held.....	2

CONTRA COSTA COUNTY, CAL.

*Week ended November 14.*

Squirrels caught.....	20
Squirrels examined bacteriologically.....	20
Plague squirrels.....	0

*Report from Los Angeles—Examination of rodents for plague infection.*

Passed Assistant Surgeon Stimson reports, November 20:

Animals examined in the laboratory from November 8 to November 14, inclusive:

Ground squirrels.....	478
Gray rats.....	267
Black rats.....	22
White rats.....	2
Rabbits.....	3
Total.....	772

None of these animals was found to be infected with plague.

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

Passed Assistant Surgeon Glover reports, November 23:

*Week ended November 21.*

Date of finding of last plague rat.....	September 26, 1908
Rats received .....	1, 243
Rats necropsied .....	1, 098
Plague rats .....	0
Plague-infected rats to date .....	21
Vessels inspected.....	14
Vessels fumigated .....	2

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

CALIFORNIA—*Sacramento*.—Month of October, 1908. Estimated population, 50,000. Total number of deaths, 55, including 3 from tuberculosis. Cases: Diphtheria 12, scarlet fever 4, smallpox 5.

FLORIDA.—Reports from the state board of health for the two weeks ended November 21, 1908, show as follows: Enteric fever Jacksonville, Brooksville, Inverness, and Tampa, each 1 case. Diphtheria: Bradentown 7, West Tampa 6, Jacksonville 4, Ybor City 3, Palmetto, Pensacola, Tallahassee, and Ocala, each 2 cases; Tampa, Daytona, Fernandina, and Miami, each 1 case. Tuberculosis: Tampa 2, Sanford, Orlando, Live Oak, Delray, Clearwater, Bradentown, Tallahassee, and Ocala, each 1 case. Hook worm: Fort White 10, Macclenny 4, Putnam Hall, and Cedar Keys, each 2 cases, and De Funiak Springs, 1 case.

MICHIGAN.—Month of October, 1908. Estimated population, 2,611,792. Total number of deaths returned to the State Department for the month was 3,202, including enteric fever 102, diphtheria 33, scarlet fever 12, measles 12, whooping cough 25, and 191 from tuberculosis. The total number of deaths from all causes corresponds to an annual rate of 15 per 1,000 estimated population.

MONTANA.—Month of September, 1908. Estimated population, 280,000. Reports to the State board of health show as follows: Total number of deaths, 399, including diphtheria 9, enteric fever 27, scarlet fever 8, whooping cough 2, and 20 from tuberculosis. Cases: Diphtheria 58, enteric fever 87, measles 7, scarlet fever 32, and smallpox 23.

NEBRASKA—*Lincoln*.—Month of October, 1908. Estimated population, 60,000. Total number of deaths, 39, including diphtheria 2, whooping cough 1, and 5 from tuberculosis. Cases: Diphtheria 13, scarlet fever 2, and smallpox 1.

NEW YORK—*Schenectady*.—Month of October, 1908. Estimated population, 77,666. Total number of deaths, 90, including scarlet fever 10, diphtheria 4, whooping cough 1, and 4 from tuberculosis. Cases: Diphtheria 30, enteric fever 2, scarlet fever 26, whooping cough 1, and 5 from tuberculosis.

*Troy.*—Month of October, 1908. Estimated population, 77,650. Total number of deaths, 112, including diphtheria 1, and 10 from tuberculosis. Cases: Enteric fever 14, diphtheria 9, scarlet fever 3, whooping cough 2, and 10 from tuberculosis.

*Yonkers.*—Month of October, 1908. Estimated population, 72,000. Total number of deaths, 90, including diphtheria 2, and 14 from tuberculosis. Cases: Diphtheria 17, scarlet fever 30, enteric fever 1, and phthisis pulmonalis 16.

**OHIO**—*Columbus.*—Month of September, 1908. Estimated population, 185,000. Total number of deaths 203, including enteric fever 13, whooping cough 1, and 30 from tuberculosis. Cases: Diphtheria 5, enteric fever 98, measles 1, scarlet fever 24, whooping cough 5, smallpox 3, and tuberculosis 22.

*Toledo.*—Month of September, 1908. Estimated population, 187,453. Total number of deaths, 176, including diphtheria 2, enteric fever 10, scarlet fever 3, whooping cough 1, and 14 from tuberculosis. Cases of contagious diseases reported: Diphtheria 21, measles 1, scarlet fever 4.

**PENNSYLVANIA**—*Homestead.*—Six weeks ended November 21, 1908. Estimated population, 17,000. Total number of deaths 36, including 1 from tuberculosis. Cases: Enteric fever 5, scarlet fever 8, diphtheria 4, and tuberculosis 4.

*Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, June 27 to December 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.
<b>Alabama:</b>				
Huntsville .....	Jan. 5-June 18 .....	85	.....	And vicinity.
Mobile .....	June 7-Aug. 29 .....	10	.....	
Total for State .....		95	.....	
<b>Arkansas:</b>				
Sulphur Rock .....	Aug. 25-Nov. 9 .....	14	.....	Present.
Texarkana .....	Dec. 1-June 15 .....	.....	.....	
Total for State .....		14	.....	
<b>California:</b>				
Angel Island Quarantine Station .....	Jan. 1-May 18 .....	.....	.....	5 additional cases. Report received out of date.
Berkeley .....	Sept. 17-Oct. 17 .....	4	.....	In vicinity.
Cedarville .....	July 1-Aug. 31 .....	5	.....	
Los Angeles .....	June 7-Nov. 7 .....	7	.....	
Oakland .....	Apr. 1-Sept. 30 .....	18	.....	Report for June not received.
Sacramento .....	May 1-Oct. 31 .....	12	.....	
San Bernardino .....	Dec. 11-July 11 .....	54	.....	
San Diego County .....	June 1-Aug. 3 .....	98	.....	Reported out of date.
Escondido .....	June 1-Aug. 3 .....	15	.....	June 1-13, mainly on Pala Indian Reservation.
San Diego .....	June 1-Oct. 31 .....	39	.....	
San Francisco .....	June 6-Nov. 21 .....	104	1	
Stockton .....	July 1-31 .....	1	.....	
Total for State .....		357	1	

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Colorado:</b>				
Adams County .....	Jan. 1-Mar. 31 .....	3	.....	
Bent County .....	Apr. 1-June 30 .....	2	.....	
Boulder County .....	Apr. 1-June 30 .....	4	.....	
Chaffee County .....	Jan. 1-Mar. 31 .....	1	.....	
Cheyenne County .....	Jan. 1-Mar. 31 .....	1	.....	
Denver County .....	Jan. 1-June 30 .....	108	.....	
Douglas County .....	Apr. 1-June 30 .....	1	.....	
Eagle County .....	Jan. 1-Mar. 31 .....	9	.....	
Elbert County .....	Jan. 1-Mar. 31 .....	3	.....	
El Paso County—				
Colorado City .....	Jan. 1-June 30 .....	8	.....	
Colorado Springs .....	Apr. 1-June 30 .....	10	.....	
Garfield County .....	Jan. 1-Mar. 30 .....	17	.....	
Huerfano County .....	Jan. 1-June 30 .....	18	.....	
Jefferson County .....	Jan. 1-Mar. 30 .....	19	.....	
Larimer County .....	Jan. 1-June 30 .....	3	.....	
Las Animas County .....	Jan. 1-Mar. 31 .....	9	.....	
Lincoln County .....	Jan. 1-Mar. 31 .....	19	.....	
Montrose County .....	Apr. 1-June 30 .....	3	.....	
Montezuma .....	Jan. 1-Mar. 31 .....	3	.....	
Morgan County .....	Apr. 1-June 30 .....	3	.....	
Otero County .....	Jan. 1-June 30 .....	40	.....	
Prowers County .....	Jan. 1-Mar. 31 .....	1	.....	
Pueblo County .....	Jan. 1-June 30 .....	6	.....	
Routt County .....	Apr. 1-June 30 .....	2	.....	
San Juan County .....	Jan. 1-Mar. 31 .....	4	.....	
Sedgwick County .....	Jan. 1-Mar. 31 .....	8	.....	
San Miguel County .....	Apr. 1-June 30 .....	1	.....	
Teller County .....	Jan. 1-June 30 .....	2	.....	
Cripple Creek .....	Jan. 1-June 30 .....	15	.....	
Weld County .....	Jan. 1-Apr. 30 .....	9	.....	
Yuma County .....	Apr. 1-June 30 .....	8	.....	
Total for State .....		340	.....	
<b>Delaware:</b>				
Reedy Island Quarantine Station.	Aug. 9 .....	1	.....	From s. s. Haverford.
Total for State .....		1	.....	
<b>District of Columbia:</b>				
Washington .....	June 14-Nov. 21 .....	19	.....	
Total for District .....		19	.....	
<b>Florida:</b>				
Jacksonville .....	Oct. 4-10 .....	1	.....	
Tampa .....	Oct. 4-12 .....	1	.....	
Total for State .....		2	.....	
<b>Idaho:</b>				
Carey .....	May 21-Aug. 4 .....	21	.....	
Total for State .....		21	.....	
<b>Illinois:</b>				
Alexander County .....	May 1-31 .....	3	.....	
Carroll County .....	May 1-31 .....	5	.....	
Cairo .....	Oct. 1-31 .....	7	.....	
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-Oct. 24 .....	12	.....	
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	.....	

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Illinois—Continued.</b>				
Peoria County.....	May 1-31.....	12		
Saline County.....	May 1-31.....	5		
Sangamon County— Springfield.....	June 19-Oct. 29 ..	6		
Stevenson County.....	May 1-31.....	25		
Tazewell County.....	May 1-31.....	64		
Warren County.....	May 1-31.....	6		
Will County.....	May 1-31.....	1		
Joliet.....	May 1-31.....	19		
Total for State.....		323		
<b>Indiana:</b>				
Allen County.....	Apr. 1-June 30....	4		
Fort Wayne.....	June 21-Nov. 7....	8		
Bartholomew County ..	Apr. 1-30.....	1		
Boone County.....	Apr. 1-June 30....	4		
Carroll County.....	May 1-Sept. 30....	77	1	
Clark County.....	Apr. 1-July 31....	39		
Jeffersonville.....	June 1-July 31....	25	1	
Clay County.....	Aug. 1-31.....	8		
Decatur County.....	Aug. 1-Sept. 30....	6		
Dearborn County.....	Apr. 1-June 30....	5		
DeKalb County.....	Apr. 1-June 30....	15		
Delaware County.....	Apr. 1-June 30....	23		
Elkhart County— Elkhart.....	Oct. 25-Nov. 7....	6		
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-Sept. 30....	5		
Jefferson County.....	June 1-30.....	6		
Johnson County.....	Apr. 1-Aug. 31....	13		
Knox County.....	Apr. 1-May 31....	31		
Laporte County.....	Apr. 1-30.....	2		
Lawrence County.....	Apr. 1-30.....	12		
Madison County.....	Apr. 1-Aug. 31....	10		
Marion County.....	Apr. 1-June 30....	41		
Indianapolis.....	June 8-Oct. 11....	64	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		
Perry County.....	Sept. 1-30.....	1		
Porter County.....	June 1-30.....	1		
St. Joseph County.....	June 1-Sept. 30....	12		
South Bend.....	June 29-Sept. 26 ..	13		
Scott County.....	June 1-30.....	2		
Shelby County.....	Apr. 1-30.....	85	1	
Steuben County.....	May 1-31.....	30		
Sullivan County.....	Apr. 1-30.....	9		
Tippecanoe County.....	Apr. 1-May 31....	11		
Lafayette.....	June 21-Nov. 23....	19		
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-Sept. 30....	17		
Wells County.....	Apr. 1-30.....	1		
Vigo County.....	May 1-June 30....	12		
Terre Haute.....	Nov. 1-7.....	1		
Total for State.....		761	4	
<b>Iowa, general.....</b>				
Adair County.....	Jan. 1-June 30....	2,092		
Audubon County.....	Oct. 1-31.....	11		
Buchanan County.....	Oct. 1-31.....	1		
Cass County.....	Oct. 1-31.....	1		
Des Moines County— Burlington.....	June 15-Nov. 30 ..	3		
Johnson County.....	Oct. 1-30.....	1		

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Iowa—Continued.</b>				
Lee County—				
Keokuk .....	June 1-30 .....	1		
Linn County—				
Cedar Rapids .....	June 1-July 1 .....	4		
Mill County .....	Oct. 1-30 .....	8		
Monroe County .....	Oct. 1-Nov. 30 .....	19		
Page County .....	Nov. 1-30 .....	7		
Scott County—				
Davenport .....	June 2-Oct. 31 .....	4		
Wayne County .....	Oct. 1-31 .....	1		
Warren County .....	Nov. 1-30 .....	2		
Wright County .....	Oct. 1-31 .....	2		
Woodbury County—				
Sioux City .....	June 1-Aug. 31 .....	8		
Total for State .....		2,166		
<b>Kansas:</b>				
Allen County .....	Apr. 1-Sept. 30 .....	29		
Anderson County .....	Apr. 1-30 .....	6		
Atchison County .....	Apr. 1-July 31 .....	70		
Atchison .....	Apr. 1-Aug. 30 .....	30		
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-Sept. 30 .....	15		
Cherokee County .....	Apr. 1-June 30 .....	14		
Cheyenne County .....	Apr. 1-30 .....	2		
Clay County .....	May 1-31 .....	2		
Cloud County .....	May 1-Sept. 30 .....	6		
Crawford County .....	Apr. 1-June 30 .....	6		
Pittsburg .....	Apr. 1-30 .....	8		
Decatur County .....	June 1-30 .....	4		
Dickinson County .....	July 1-31 .....	2		
Doniphan County .....	Apr. 1-30 .....	3		
Douglas County .....	Apr. 1-Sept. 30 .....	38		
Edwards County .....	Apr. 1-May 31 .....	3		
Ford County .....	May 1-June 30 .....	2		
Franklin County .....	Apr. 1-May 31 .....	3		
Geary County .....	July 1-31 .....	1		
Graham County .....	June 1-30 .....	2		
Greenwood County .....	Apr. 1-Aug. 30 .....	12		
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-Sept. 30 .....	49		
Jefferson County .....	Apr. 1-June 30 .....	11		
Jewell County .....	May 1-31 .....	3		
Kingman County .....	Apr. 1-July 31 .....	26		
Labette County .....	Apr. 1-June 30 .....	24		
Parsons .....	Apr. 1-Aug. 30 .....	49		
Leavenworth County .....	Apr. 1-June 30 .....	62		
Leavenworth .....	May 1-31 .....	3		
Lincoln County .....	Apr. 1-July 31 .....	7		
Linn County .....	Apr. 1-June 30 .....	21		
Lyon County .....	Apr. 1-July 31 .....	32		
Marion County .....	June 1-Sept. 30 .....	11		
McPherson County .....	May 1-July 31 .....	3		
Meade County .....	June 1-30 .....	6		
Miami County .....	Apr. 1-30 .....	5		
Montgomery County .....	Apr. 1-July 31 .....	25		
Coffeyville .....	May 1-July 31 .....	8		
Morris County .....	Apr. 1-30 .....	14		
Nemaha County .....	Apr. 1-July 31 .....	80		
Neosho County .....	Apr. 1-30 .....	2		
Osage County .....	Apr. 1-May 31 .....	2		
Pawnee County .....	May 1-June 30 .....	6		
Pottawatomie County .....	Apr. 1-July 31 .....	15		
Pratt County .....	May 1-July 31 .....	13		
Rawlins County .....	Aug. 1-31 .....	2		
Reno County .....	Apr. 1-May 31 .....	14		
Republic County .....	Apr. 1-July 31 .....	17		
Rooks County .....	July 1-31 .....	1		
Rush County .....	May 1-31 .....	6		
Saline County .....	Apr. 1-Sept. 30 .....	12		
Sedgwick County .....	Apr. 1-June 30 .....	28		
Wichita .....	July 12-Nov. 7 .....	4		
Seward County .....	May 1-June 30 .....	21		
Shawnee County .....	Apr. 1-July 31 .....	34		
Topeka .....	June 7-Nov. 21 .....	32		

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Kansas—Continued.</b>				
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-Sept. 30 .....	20	.....	
Wyandotte County .....	May 1-31 .....	7	.....	
Kansas City .....	June 8-Oct. 24 .....	7	.....	
Total for State .....		1,061	.....	
<b>Kentucky:</b>				
Covington .....	June 21-Nov. 28 .....	13	.....	
Lawrenceburg .....	Oct. 8-31 .....	8	1	
Lexington .....	July 12-Nov. 14 .....	5	.....	
Total for State .....		26	1	
<b>Louisiana:</b>				
New Orleans .....	June 14-July 25 .....	20	1	
Total for State .....		20	1	
<b>Maine:</b>				
General .....	Nov. 1-7 .....	12	.....	Along the Maine-Canadian border.
Aroostook County .....	Sept. 1-30 .....	1	.....	Present.
Fort Kent .....	Oct. 15 .....	.....	.....	Do.
Frenchville .....	Nov. 1-7 .....	.....	.....	Do.
Grant Isle .....	Oct. 15 .....	.....	.....	Do.
Cyr Plantation .....	Oct. 15 .....	8	.....	Do.
Madawaska .....	Nov. 1-7 .....	.....	.....	Do.
St. Agatha .....	Nov. 1-7 .....	.....	.....	Do.
Van Buren .....	Sept. 1-30 .....	6	.....	
Total for State .....		27	.....	
<b>Maryland:</b>				
Baltimore .....	July 5-11 .....	1	.....	
Total for State .....		1	.....	
<b>Massachusetts, general.</b>				
Lawrence .....	May 1-31 .....	1	.....	
.....	Sept. 13-Oct. 3 .....	1	1	
Total for State .....		2	1	
<b>Michigan:</b>				
Allegan County .....	May 1-31 .....	18	.....	
Alpena County .....	July 1-31 .....	4	.....	
Barry County .....	July 1-31 .....	1	.....	
Bay County .....	May 1-31 .....	10	.....	
Benzie County .....	May 1-Aug. 31 .....	19	.....	
Berrien County .....	May 1-31 .....	1	.....	
Branch County .....	May 1-31 .....	2	.....	
Calhoun County .....	May 1-Aug. 31 .....	36	.....	
Battle Creek .....	May 1-June 30 .....	25	.....	
Charlevoix County .....	July 1-31 .....	1	.....	
Cass County .....	May 1-31 .....	17	.....	
Chippewa County .....	June 1-Aug. 31 .....	3	.....	
Sault de Saint Marie .....	May 1-July 31 .....	6	.....	
Clare County .....	May 1-31 .....	3	.....	
Eaton County .....	June 1-July 31 .....	7	1	
Emmet County .....	May 1-31 .....	1	.....	
Grand Traverse County .....	May 1-June 30 .....	12	.....	
Grafton County .....	June 1-30 .....	2	.....	
Hillsdale County .....	May 1-June 30 .....	3	.....	
Houghton County .....	May 1-Aug. 31 .....	45	.....	
Huron County .....	May 1-July 31 .....	25	.....	
Ingham County, Lansing .....	July 1-31 .....	3	.....	
Ionia County .....	May 1-July 31 .....	11	.....	
Jackson County .....	May 1-June 30 .....	10	.....	
Kalamazoo County .....	May 1-31 .....	5	.....	
Kent County .....	June 1-July 31 .....	11	.....	
Keweenaw County .....	July 1-31 .....	1	.....	
Lake County .....	May 1-31 .....	8	.....	
Lapeer County .....	May 1-June 30 .....	2	.....	
Leelanau County .....	Aug. 1-31 .....	1	.....	
Lenawee County .....	July 1-Aug. 31 .....	7	.....	
Manistee County, Manistee .....	May 1-31 .....	1	.....	
Marquette County .....	July 1-31 .....	1	.....	



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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Michigan—Continued.</b>				
Mason County	May 1-June 30	4		
Midland County	May 1-31	1		
Missaukee County	May 1-July 31	8		
Montcalm County	May 1-31	3		
Muskegon County	May 1-Aug. 31	48		
Newaygo County	May 1-July 31	8		
Oakland County	June 1-30	3		
Oceola County	June 1-30	1		
Ottawa County	July 1-31	1		
Otsego County	June 1-30	8		
Saginaw County	May 1-30	30		
Saginaw	June 21-Sept. 5	7		
St. Clair County	May 1-Aug. 31	24		
Port Huron	May 1-July 31	10	1	
St. Joseph County	June 1-30	1		
Shiawassee County	May 1-31	1		
Tuscola County	July 1-31	2		
Van Buren County	Aug. 1-31	1		
Wayne County, Detroit	July 4-Aug. 1	2		
Wexford County	May 1-July 31	22		
Total for State		487	2	
<b>Minnesota:</b>				
Aitkin County	Apr. 1-July 20	10		
Anoka County	Apr. 28-Sept. 27	6		
Becker County	Apr. 28-July 13	128		
Beltrami County	July 21-Aug. 3	4		
Benton County	Apr. 28-July 20	12		
Bigstone County	Apr. 7-May 17	1		
Blue Earth County	Apr. 21-July 6	25		
Brown County	Mar. 31-Sept. 13	19		
Carlton County	June 16-29	2		
Carver County	Apr. 28-Aug. 10	30		
Cass County	June 1-8	1		
Chippewa County	Apr. 21-Sept. 27	15		
Chisago County	Apr. 14-July 6	3		
Clay County	Apr. 28-July 20	26		
Cottonwood County	July 20-27	2		
Crow Wing County	Apr. 28-Oct. 3	17		
Dakota County	Apr. 28-July 27	9		
Douglas County	June 9-15	2		
Faribault County	May 4-July 13	23		
Fillmore County	May 4-Aug. 24	17		
Freeborn County	May 4-10	1		
Goodhue County	May 4-June 29	21		
Grant County	Sept. 7-13	2		
Hennepin County	Apr. 28-Aug. 24	51		
Minneapolis	June 1-Oct. 31	56		
Houston County	Apr. 28-June 15	3		
Hubbard County	Apr. 28-Sept. 20	32		
Isanti County	Apr. 28-May 17	5		
Itasca County	Apr. 7-June 15	20		
Jackson County	Apr. 13-Sept. 13	40		
Kanabec County	May 4-10	5		
Kandiyohi County	May 4-15	16		
Kittson County	Apr. 14-Sept. 13	4		
Koochiching County	May 25-June 29	8		
Lac qui Parle County	May 4-July 6	16		
Lake County	May 27-July 27	14		
Lesueur County	Apr. 28-Aug. 31	17		
Lincoln County	June 4-Sept. 6	4		
Lyon County	May 4-Oct. 3	4		
McLeod County	May 24-June 8	3		
Marshall County	June 23-Sept. 6	4		
Martin County	Apr. 28-June 15	5		
Meeker County	Apr. 28-July 10	31		
Millelacs County	Apr. 28-June 15	4		
Morrison County	Apr. 28-Sept. 27	30		
Mower County	May 17-June 22	6		
Murray County	July 6-Aug. 24	8		
Nicollet County	Apr. 28-June 1	14		
Nobles County	Apr. 28-Aug. 3	5		
Norman County	May 10-June 22	3		
Olmsted County	Apr. 28-Sept. 27	16		
Ottertail County	Apr. 28-Sept. 6	45		
Pine County	May 17-June 22	9		
Pipestone County	June 1-27	3		
Polk County	Apr. 28-Oct. 3	17		
Pope County	Apr. 28-May 3	1		
Ramsey County	Apr. 28-Sept. 13	13		
St. Paul	May 1-Sept. 30	194		

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Minnesota—Continued.</b>				
Red Lake County.....	May 4-Sept. 13....	13		
Redwood County.....	Apr. 28-Aug. 3....	14		
Renville County.....	May 10-Sept. 13....	7		
Rice County.....	Apr. 28-June 22....	6		
Rock County.....	Apr. 28-June 8....	3		
Roseau County.....	May 4-July 6....	3		
St. Louis County.....	Apr. 28-June 15....	9		
Duluth.....	Apr. 28-Aug. 31....	230		
Scott County.....	Apr. 28-July 27....	149		
Sibley County.....	Apr. 27-Oct. 6....	26		
Stearns County.....	Apr. 28-Sept. 20....	69		
Steele County.....	Apr. 28-Sept. 6....	18		
Stevens County.....	Apr. 28-June 29....	9		
Swift County.....	Apr. 28-June 22....	18		
Todd County.....	Apr. 28-Aug. 10....	66		
Wabasha County.....	Apr. 28-Sept. 6....	10		
Wadena County.....	July 20-Aug. 31....	7		
Wantowan County.....	Sept. 7-13....	1		
Washington County.....	May 24-July 13....	7		
Wilkin County.....	Apr. 28-July 6....	6		
Winona County.....	May 4-July 13....	6		
Winona.....	June 21-July 18....	2		
Wright County.....	Apr. 29-Aug. 11....	50		
Yellow Medicine County..	May 4-Aug. 11....	16		
Total for State.....		1,827		
<b>Missouri:</b>				
Cartersville.....	Nov. 2.....	6		July to September, present.
Conway.....	Apr. 20-June 19....	29		
Durham.....	May 1-July 1.....			Present and in vicinity.
Kansas City.....	June 14-Aug. 8....	6		
La Belle.....	May 1-July 1.....	7		And vicinity.
Lewiston.....	May 1-July 1.....	18		Do.
Monticello.....	May 1-July 1.....	1		
St. Joseph.....	June 7-Aug. 29....	32		
St. Louis.....	June 14-Oct. 24....	6		
Total for State.....		105		
<b>Montana:</b>				
Beaverhead County.....	July 1-31.....	1		
Carbon County.....	July 1-Aug. 31....	5		
Cascade County.....	May 1-Aug. 31....	6		
Chouteau County.....	May 1-31.....	22		
Custer County.....	Aug. 1-31.....	1		
Dawson County.....	June 1-30.....	2		
Deerlodge County.....	May 1-31.....	1		
Fergus County.....	May 1-July 31....	9		
Flathead County.....	May 1-Aug. 31....	69		
Gallatin County.....	May 1-July 31....	7		
Bozeman.....	June 1-Aug. 31....	84		
Lewis and Clark County	May 1-31.....	3		
Helena.....	May 1-June 30....	5		
Meagher County.....	May 1-July 31....	2		
Missoula County.....	May 1-July 31....	7		
Missoula.....	May 1-June 30....	3		
Park County.....	July 1-Aug. 31....	2		
Ravalli County.....	May 1-July 31....	11		
Rosebud County.....	June 1-30.....	2		
Sanders County.....	July 1-31.....	1		
Silverbow County.....	Aug. 1-31.....	4		
Butte.....	June 1-Nov. 10....	15		
Teton County.....	July 1-31.....	2		
Valley County.....	May 1-31.....	4		
Total for State.....		268		
<b>Nebraska:</b>				
Friend.....	Apr. 13-June 18....	13		
Lincoln.....	Mar. 1-Oct. 31....	23		
South Omaha.....	June 7-13.....	1		
Total for State.....		37		
<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-Sept. 30	118		
New York	June 14-Oct. 17	3	1	
Niagara Falls	June 14-20	1		
Schenectady	June 1-30	2		
Total for State		124	1	
North Carolina:				
Anson County	May 1-31	30		
Bladen County	July 1-31	1		
Cabarrus County	Apr. 1-May 31	38		
Camden County	Apr. 1-July 31	30		
Caswell County	June 1-30			
Chatham County	Apr. 1-Aug. 31	7		Present.
Chowan County	Apr. 1-May 31	13		
Cleveland County	Apr. 1-July 31	10		
Currituck County	Sept. 1-30			Do.
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		
Haywood County	Aug. 1-31	5		
Johnston County	Apr. 1-Sept. 30	53		
McDowell County	Aug. 1-31	1		
Mecklenburg County—				
Charlotte	June 14-Aug. 15	4		
Nash County	Sept. 1-30	4		
New Hanover County	Apr. 1-May 31	6		
Orange County	Apr. 1-May 31	3		
Pasquotank County	Aug. 1-31	9		Present in July.
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		276		
North Dakota:				
Bismarck	Mar. 1-Sept. 30	38		
Total for State		38		
Ohio, general	Apr. 25-June 13	200		
Canton	June 7-13	1		
Cincinnati	June 20-Nov. 27	31		
Columbus	Sept. 1-Oct. 31	5		
Conneaut	Sept. 1-30	5		
Dayton	June 14-Oct. 10	18		And vicinity.
Springfield	July 12-18	1		
Toledo	June 14-Aug. 16	12		
Troy	Apr. 15-July 3	28		
Zanesville	Aug. 1-31	1		
Total for State		302		
Oregon:				
Portland	Apr. 1-Sept. 30	185		
Total for State		185		
Pennsylvania:				
Philadelphia	Aug. 30-Sept. 4	1		
Reading	Nov. 17-23	10		
Total for State		11		
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:				
Dekalb County	Sept. 15-Nov. 3	29		Including Dowelltown.
Knoxville	June 21-July 25	2		
Livingston	June 13-Apr. 11	9	1	

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Tennessee—Continued.</b>				
Mechanicsburg.....	Sept. 16.....	1.....	.....	Imported.
Nashville.....	June 14–Nov. 21.....	4.....	.....	
Coulterville.....	Sept. 9–Nov. 4.....	30.....	.....	
Stanton.....	Sept. 10–Nov. 9.....	21.....	.....	
Total for State.....	.....	96.....	1.....	
<b>Texas:</b>				
Encinal.....	Oct. 22–Nov. 26.....	49.....	.....	Present.
Fort Worth.....	May 1–31.....	9.....	.....	
San Antonio.....	June 14–Oct. 10.....	11.....	.....	
Total for State.....	.....	69.....	.....	
<b>Utah:</b>				
Boxelder County.....	Oct. 1–31.....	2.....	.....	
Cache County.....	May 1–Oct. 31.....	3.....	.....	
Carbon County.....	June 1–Oct. 31.....	2.....	.....	
Davis County.....	May 1–Sept. 30.....	4.....	.....	
Garfield County.....	Oct. 1–31.....	7.....	.....	
Salt Lake County— Salt Lake City.....	May 1–Oct. 31.....	61.....	.....	
Uinta County.....	July 1–31.....	1.....	1.....	
Utah County.....	May 1–Aug. 31.....	20.....	.....	
Weber County.....	May 1–June 30.....	21.....	.....	
Total for State.....	.....	121.....	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–Sept. 30.....	40.....	.....	
Spokane.....	June 7–Nov. 14.....	76.....	.....	
Tacoma.....	June 8–Nov. 1.....	9.....	.....	
Total for State.....	.....	125.....	.....	
<b>West Virginia:</b>				
Charleston.....	Aug. 1–31.....	2.....	.....	
Moundsville.....	June 17–July 2.....	1.....	.....	
Total for State.....	.....	3.....	.....	
<b>Wisconsin:</b>				
Adams County.....	Apr. 1–June 30.....	1.....	.....	
Ashland County.....	Apr. 1–June 30.....	8.....	.....	
Barron County.....	Apr. 1–June 30.....	10.....	.....	
Bayfield County.....	Apr. 1–June 30.....	8.....	.....	
Brown County.....	Apr. 1–June 30.....	1.....	.....	
Buffalo County.....	Apr. 1–June 30.....	6.....	.....	
Calumet County.....	Apr. 1–June 30.....	5.....	.....	
Chippewa County.....	Apr. 1–June 30.....	50.....	.....	
Clark County.....	Apr. 1–June 30.....	7.....	.....	
Crawford County.....	Apr. 1–June 30.....	7.....	.....	
Dane County.....	Apr. 1–June 30.....	3.....	.....	
Dodge County.....	Apr. 1–June 30.....	37.....	.....	
Door County.....	Apr. 1–June 30.....	17.....	.....	
Douglas County.....	Apr. 1–June 30.....	82.....	.....	
Dunn County.....	Apr. 1–June 30.....	11.....	.....	
Fond du Lac County.....	Apr. 1–June 30.....	3.....	.....	
Green County.....	Apr. 1–June 30.....	8.....	.....	
Jackson County.....	Apr. 1–June 30.....	10.....	.....	
Jefferson County.....	Apr. 1–June 30.....	8.....	.....	
Juneau County.....	Apr. 1–June 30.....	6.....	.....	
Kewaunee County.....	Apr. 1–June 30.....	10.....	.....	
La Crosse County— La Crosse.....	June 16–Nov. 21.....	35.....	.....	
Manitowoc County.....	Apr. 1–June 30.....	27.....	.....	
Manitowoc.....	Aug. 2–Nov. 21.....	28.....	.....	
Marathon County.....	Apr. 1–June 30.....	10.....	.....	
Marinette County.....	Apr. 1–June 30.....	23.....	.....	

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

Place.	Date.	Cases.	Deaths.	Remarks.
Wisconsin—Continued.				
Milwaukee County.....	Apr. 1-June 30.....	9	.....	
Milwaukee.....	June 14-Nov. 21.....	30	1	
Monroe County.....	Apr. 1-June 30.....	4	.....	
Oconto County.....	Apr. 1-June 30.....	5	.....	
Outagamie County.....	Apr. 1-June 30.....	6	.....	
Ozaukee County.....	Apr. 1-June 30.....	28	.....	
Pepin County.....	Apr. 1-June 30.....	1	.....	
Pierce County.....	Apr. 1-June 30.....	18	.....	
Polk County.....	Apr. 1-June 30.....	5	.....	
Portage County.....	Apr. 1-June 30.....	1	.....	
Rock County.....	Apr. 1-June 30.....	6	1	
Rusk County.....	Apr. 1-June 30.....	3	.....	
St. Croix County.....	Apr. 1-June 30.....	8	.....	
Sauk County.....	Apr. 1-June 30.....	2	.....	
Sheboygan County.....	Apr. 1-June 30.....	28	.....	
Taylor County.....	Apr. 1-June 30.....	10	.....	
Trempealeau County.....	Apr. 1-June 30.....	1	.....	
Vernon County.....	Apr. 1-June 30.....	3	.....	
Vilas County.....	Apr. 1-June 30.....	1	.....	
Walworth County.....	Apr. 1-June 30.....	3	.....	
Washburn County.....	Apr. 1-June 30.....	4	.....	
Waukesha County.....	Apr. 1-June 30.....	11	.....	
Waupaca County.....	Apr. 1-June 30.....	3	.....	
Winnebago County.....	Apr. 1-June 30.....	6	.....	
Wood County.....	Apr. 1-June 30.....	44	.....	
Total for State.....		661	2	
Grand total, United States.....		10, 177	16	

*Plague in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, July 15-December 4, 1908.*

Place.	Date.	Cases.	Deaths.	Remarks.
California:				
Alameda County—				
Oakland.....	July 21.....	1	1	
Contra Costa County—				
Concord.....	July 15.....	1	1	
Prenois Valley.....	July 24.....	1	1	10 miles from Martinez.
Los Angeles County—				
Los Angeles.....	August 11.....	1	.....	

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

[For smallpox, yellow fever, 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.....	Nov. 21	38,973	8	1	.....	.....	.....	3	.....	2	.....	.....	.....	.....	.....
Augusta, Ga.....	Nov. 10	39,441	23	1	3	8	1	.....	3	.....	.....	1	.....	.....	.....
Do.....	Nov. 17	39,441	14	.....	2	1	2	1	3	.....	.....	.....	.....	.....	.....
Do.....	Nov. 24	39,441	20	.....	3	.....	.....	1	2	.....	.....	.....	.....	.....	.....
Baltimore, Md.....	Nov. 21	508,957	188	13	18	22	4	21	20	.....	.....	.....	.....	4	.....
Bayonne, N. J.....	do.....	32,722	.....	.....	.....	.....	.....	2	6	1	.....	5	.....	.....	.....
Berkeley, Cal.....	Nov. 14	13,214	6	.....	.....	.....	.....	1	2	.....	.....	.....	.....	.....	.....
Biddeford, Me.....	Nov. 21	16,145	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Binghamton, N. Y.....	do.....	38,647	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Boston, Mass.....	do.....	560,892	177	62	17	16	1	61	88	10	.....	22	1	18	.....
Braddock, Pa.....	do.....	15,654	4	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....
Bradford, Pa.....	do.....	15,029	4	.....	.....	.....	.....	8	.....	.....	.....	.....	.....	.....	.....
Brockton, Mass.....	Nov. 23	40,063	10	4	1	.....	.....	.....	2	.....	.....	.....	.....	.....	.....

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

Cities.	Week ended—	Popula- tion, United States census, 1900.	Total deaths from all causes.	Tuber- culosis.		Enteric fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Cambridge, Mass.	Nov. 21	91,886	23	4	...	...	...	13	...	6	1	31	1	1	...
Camden, N. J.	..do.	75,995	34	...	...	...	...	4	...	11	1	8	...	...	...
Camden, S. C.	..do.	2,441	...	1	...	...	...	...	...	2	...	1	...	...	...
Carbondale, Pa.	..do.	18,536	3	...	...	...	...	2	...	1	...	...	...	...	...
Charlotte, N. C.	Nov. 20	18,091	10	...	...	...	...	...	...	...	...	...	...	...	...
Chelsea, Mass.	Nov. 21	54,072	7	1	...	1	...	...	...	1	...	...	...	...	1
Chicago, Ill.	..do.	1,698,576	596	127	90	42	5	212	13	215	23	58	6	17	...
Chicopee, Mass.	..do.	19,167	10	...	2	1	...	1	...	2	1	6	...	...	...
Cincinnati, Ohio	Nov. 20	325,902	133	10	19	5	2	16	...	11	1	...	...	4	...
Cleveland, Ohio.	..do.	381,768	148	18	11	11	2	25	2	42	5	3	...	10	...
Clinton, Mass.	Nov. 21	18,667	3	...	...	...	...	...	...	...	...	...	...	...	...
Columbus, Ga.	..do.	17,614	5	...	...	...	...	...	...	...	...	...	...	...	...
Covington, Ky.	..do.	42,938	18	...	2	...	1	2	...	...	...	...	...	...	...
Danville, Ill.	Nov. 22	56,584	9	...	1	...	...	3	...	4	...	1	...	...	...
Dayton, Ohio	Nov. 21	85,333	32	...	1	1	...	...	...	...	...	...	...	...	...
Detroit, Mich.	..do.	285,704	187	...	...	...	...	12	...	17	1	...	...	...	...
Dunkirk, N. Y.	..do.	11,616	1	...	...	...	...	1	...	...	...	1	...	...	...
Elkhart, Ind.	..do.	15,184	4	...	...	...	...	...	...	...	...	...	...	...	...
Elmira, N. Y.	..do.	36,672	12	3	2	...	...	1	...	3	...	1	...	...	...
Eric, Pa.	..do.	32,733	13	5	1	3	...	29	...	3	...	1	...	3	1
Evansville, Ind.	..do.	59,007	15	1	1	3	1	...	...	8	...	...	...	...	...
Everett, Mass.	..do.	24,336	2	...	...	...	...	...	...	5	...	...	...	...	...
Fall River, Mass.	..do.	104,863	33	2	2	2	...	4	1	2	...	3	...	2	1
Findlay, Ohio	..do.	17,613	4	...	1	...	...	...	...	...	...	...	...	...	...
Fort Wayne, Ind.	..do.	45,115	16	2	1	1	...	2	...	2	...	...	...	...	...
Galesburg, Ill.	..do.	18,607	7	...	...	...	...	4	...	...	...	...	...	...	...
Galveston, Tex.	Nov. 20	37,789	15	2	3	...	...	4	...	5	...	...	...	...	...
Greensboro, N. C.	Nov. 21	10,085	7	2	1	...	...	2	...	2	...	...	...	...	...
Harrison, N. J.	..do.	10,596	5	...	...	...	...	1	...	3	...	...	...	...	...
Hartford, Conn.	Nov. 8	79,850	17	3	2	3	1	2	...	4	...	...	...	...	...
Do.	Nov. 15	79,850	20	2	2	2	...	3	...	10	1	1	...	...	...
Haverhill, Mass.	Nov. 21	37,175	6	3	2	2	1	1	...	5	...	2	...	...	...
Hoboken, N. J.	..do.	59,364	...	...	...	...	...	2	...	5	...	7	...	...	...
Indianapolis, Ind.	Nov. 22	169,164	44	...	3	13	...	1	...	28	2	...	...	...	...
Jacksonville, Fla.	Nov. 21	28,429	32	...	...	...	...	...	...	3	...	...	...	...	...
Johnstown, Pa.	..do.	35,936	18	...	...	2	1	9	...	11	1	1	...	...	...
Kalamazoo, Mich.	Nov. 14	24,404	15	1	2	3	1	...	...	2	...	...	...	...	...
Do.	Nov. 21	24,404	17	...	...	3	...	2	...	...	...	...	...	...	...
Kansas City, Kans.	..do.	51,418	10	...	1	4	...	6	...	2	...	...	...	...	...
Kearny, N. J.	..do.	10,896	4	...	...	...	...	...	...	...	...	...	...	...	...
Kingston, N. Y.	..do.	24,535	9	...	...	...	1	...	...	...	...	...	...	...	...
Knoxville, Tenn.	..do.	32,637	...	...	...	...	...	1	...	1	...	5	...	2	...
Lawrence, Mass.	..do.	62,559	23	...	3	2	...	1	...	12	1	11	...	3	...
Lexington, Ky.	..do.	26,369	7	...	2	...	...	...	...	3	...	...	...	...	...
Los Angeles, Cal.	Nov. 14	102,479	64	5	16	4	2	10	...	7	1	1	...	...	...
Lowell, Mass.	Nov. 21	94,969	42	2	6	4	...	1	...	9	...	1	...	...	...
Malden, Mass.	..do.	33,664	9	1	2	...	...	3	...	16	1	1	...	...	...
Manchester, N. H.	..do.	56,987	27	...	...	2	...	...	...	11	2	...	...	...	...
Marinette, Wis.	..do.	16,195	3	2	2	...	...	...	...	...	...	...	...	...	...
Marlboro, Mass.	..do.	13,609	4	...	...	...	...	...	...	...	...	...	...	...	...
Medford, Mass.	..do.	18,244	8	...	1	...	...	6	...	9	...	...	...	...	...
Melrose, Mass.	..do.	12,962	4	...	...	...	...	1	...	...	...	...	...	...	...
Milwaukee, Wis.	Nov. 14	285,315	70	19	9	12	...	14	2	13	1	15	...	3	...
Mobile, Ala.	..do.	38,469	16	3	3	2	...	5	...	2	...	...	...	...	...
Montgomery, Ala.	Nov. 20	30,346	13	...	2	...	1	...	...	...	...	...	...	...	...
Moline, Ill.	Nov. 22	17,248	4	...	1	...	...	3	...	...	...	1	...	...	...
Mt. Vernon, N. Y.	Nov. 21	21,228	5	1	...	...	...	...	...	1	...	4	...	...	...
Nanticoke, Pa.	..do.	12,616	3	1	...	...	...	...	...	12	1	...	...	...	...
Nashville, Tenn.	..do.	80,865	47	1	2	3	1	7	...	7	2	...	...	...	...
New Bedford, Mass.	..do.	63,442	33	4	1	2	...	1	...	5	...	3	...	2	...
Newburyport, Mass.	..do.	14,478	10	...	...	1	...	...	...	...	...	...	...	...	...
New Orleans, La.	..do.	278,104	146	25	16	8	1	16	1	7	...	...	...	...	1
Newton, Mass.	..do.	33,587	6	2	1	2	...	1	...	3	...	1	...	...	...
New York, N. Y.	..do.	3,437,202	1,286	499	148	66	6	157	5	361	28	172	4	38	2
Niagara Falls, N. Y.	..do.	19,457	3	...	...	1	...	...	...	...	...	1	...	...	...
North Adams, Mass.	..do.	24,200	3	...	...	1	...	...	...	1	...	...	...	...	...
Northampton, Mass.	..do.	18,643	7	...	1	...	...	3	...	1	...	1	...	...	...
Oneonta, N. Y.	..do.	7,147	...	...	...	...	...	2	...	1	...	...	...	...	...
Orange, N. J.	..do.	24,141	8	1	...	...	...	...	...	3	...	...	...	...	...
Ottumwa, Iowa.	..do.	18,197	9	...	...	2	...	1	...	...	...	1	...	...	...

## 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.
Palmer, Mass. ....	Nov. 14	7,801	4	...	...	...	...	...	...	2	...	...	...	...	...
Do. ....	Nov. 21	7,801	1	...	...	...	...	...	...	...	...	...	...	...	...
Philadelphia, Pa. ....	Nov. 7	1,293,697	421	125	59	31	3	49	4	72	16	35	...	13	2
Do. ....	Nov. 14	1,293,697	483	165	72	30	10	72	8	113	14	36	2	6	...
Pittsfield, Mass. ....	do.	21,766	6	5	...	...	1	3	...	1	...	...	...	...	...
Do. ....	Nov. 21	21,766	7	2	2	1	1	2	...	...	...	...	...	...	...
Plainfield, N. J. ....	do.	15,369	3	1	2	3	...	...	...	...	...	1	...	...	...
Portland, Me. ....	Oct. 31	50,145	17	1	2	3	3	3	...	2	...	...	...	2	...
Do. ....	Nov. 7	50,145	15	1	1	...	...	8	...	3	1	...	...	2	...
Do. ....	Nov. 14	50,145	12	...	1	6	...	4	...	1	...	...	...	8	...
Portsmouth, N. H. ....	Nov. 21	10,637	...	...	...	...	...	...	...	3	...	...	...	...	...
Portsmouth, Va. ....	Nov. 17	17,427	2	...	...	3	...	...	...	...	...	...	...	...	...
Do. ....	Nov. 24	17,427	6	...	...	...	...	...	...	2	1	...	...	...	...
Providence, R. I. ....	Nov. 21	175,597	76	10	8	4	1	6	1	15	...	...	...	...	...
Racine, Wis. ....	do.	29,102	7	...	1	...	...	1	...	2	...	...	...	...	...
Rockford, Ill. ....	do.	31,051	...	...	...	...	...	...	...	6	...	...	...	...	...
Rock Island, Ill. ....	do.	19,493	3	...	...	...	...	1	...	1	...	...	...	...	...
St. Louis, Mo. ....	do.	575,238	197	24	26	9	2	20	...	52	7	10	...	4	...
San Francisco, Cal. ....	Nov. 14	342,782	122	19	8	4	2	19	2	17	...	58	...	2	...
Scranton, Pa. ....	do.	102,026	37	2	1	2	...	18	2	7	...	15	...	...	...
Do. ....	Nov. 21	102,026	40	...	2	4	...	16	5	10	2	8	...	...	...
Somerville, Mass. ....	do.	61,643	16	5	1	8	1	12	1	9	...	1	...	...	...
South Bend, Ind. ....	do.	35,999	17	2	2	6	1	2	...	5	...	...	...	...	...
Spokane, Wash. ....	Nov. 14	38,848	19	...	1	1	...	6	...	9	1	1	...	...	...
Springfield, Ill. ....	Nov. 19	34,159	11	...	...	...	...	7	...	3	...	...	...	...	...
Springfield, Mass. ....	Nov. 21	62,059	14	2	...	1	...	1	...	9	...	...	...	...	...
Springfield, Ohio. ....	do.	38,253	7	4	...	2	...	1	...	1	...	1	...	...	...
Steelton, Pa. ....	do.	12,068	2	1	...	...	...	1	...	...	...	1	...	...	...
Tacoma, Wash. ....	Nov. 1	37,714	17	...	2	...	...	4	...	3	1	...	...	...	...
Do. ....	Nov. 8	37,714	13	...	1	13	1	...	...	2	1	1	...	...	...
Do. ....	Nov. 15	37,714	17	...	2	2	2	...	...	5	1	...	...	...	...
Taunton, Mass. ....	Nov. 21	31,036	17	...	2	...	...	...	...	2	1	...	...	3	...
Titusville, Pa. ....	do.	8,244	2	...	...	1	...	2	...	...	...	...	...	...	...
Topeka, Kans. ....	Nov. 14	33,608	13	1	1	1	...	3	...	7	1	...	...	...	...
Trenton, N. J. ....	Nov. 21	73,307	...	...	...	2	...	3	...	5	...	...	...	...	...
Waltham, Mass. ....	do.	23,481	6	1	...	...	...	14	...	14	...	1	...	...	...
Warren, Ohio. ....	do.	8,529	2	...	...	...	...	1	...	1	...	...	...	...	...
Warren, Pa. ....	Nov. 12	8,043	1	...	...	1	...	...	...	...	...	...	...	...	...
Do. ....	Nov. 19	8,043	3	...	...	...	...	...	...	...	...	...	...	...	...
Wheeling, W. Va. ....	Nov. 14	38,878	12	2	3	...	1	...	...	11	...	...	...	...	...
Do. ....	Nov. 21	38,878	11	1	2	1	...	5	...	6	...	...	...	...	...
Wilkes-Barre, Pa. ....	Nov. 20	51,721	16	2	...	1	...	1	...	14	3	1	...	...	...
Wilksburg, Pa. ....	Nov. 21	13,000	3	1	...	...	...	...	...	1	...	...	...	...	...
Williamsport, Pa. ....	do.	23,757	6	...	1	...	...	4	...	1	...	...	...	1	...
Wilmington Del. ....	do.	76,508	22	...	2	...	...	...	3	...	...	...	...	...	...
Woburn, Mass. ....	do.	14,254	6	...	...	2	1	...	...	1	...	...	...	...	...

## FOREIGN AND INSULAR.

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### BRAZIL.

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

Acting Assistant Surgeon Stewart reports, October 28:

Week ended October 25. Vessels inspected and received bills of health: October 20, the German bark *Baden* for New Orleans, in stone and sand ballast, with no passengers, and with 4 new members of crew signed on in this port; October 21 the German steamship *Gunther* for New York, with cargo of coffee, 12 cabin and 4 steerage passengers, and 1 new member of the crew; on the same date the British steamship *Houth Head*, for Galveston, in water ballast, with no passengers and no change in the personnel of the crew; October 22 the British steamship *Titian*, for New York, in cargo of coffee, with 4 cabin and 1 steerage passengers, and no change in the personnel of the crew; on the same date the British steamship *Ripley*, for New Orleans, in cargo of coffee, with no passengers and no change in the personnel; October 24 the British steamship *Folgate*, for some southern port, in water ballast, with no passengers and no change in the crew, and on the same date the British steamship *Calderon* for New York, in cargo of coffee, with no passengers from this port, and one new member of crew.

No other vessels requiring bills of health left this port during the week.

*Mortality in city of Rio de Janeiro—Plague and smallpox—*Total estimated population of the city, 811,443. Week ended October 25. Total deaths, 441. Plague caused 6 deaths with 8 new reported cases, and smallpox caused 190 deaths with 411 new reported cases, of which number 126 occurred in the suburbs. At the close of the week there were in the hospital São Sebastião 299 cases of smallpox and 6 of plague under treatment; in the hospital Engenho de Dentro 157 cases of smallpox under treatment; in the hospital Paulo Candido 179 convalescents from smallpox.

### CHINA.

*Reports from Hongkong—Quarantine restrictions—Inspection of vessels—Examination of emigrants.*

Acting Assistant Surgeon Hough reports, October 23:

Week ended October 17. Restrictions enforced by Hongkong remain as reported on October 10. Restrictions enforced against Hongkong remain as reported on October 10. No quarantinable diseases.



Vessels inspected and granted bills of health, 9.

*Aliens examined for Honolulu and Pacific coast ports.*—Examined, 209; rejected, 73.

*Aliens examined for Philippine Islands.*—Examined, 35; rejected, 22.

*Report from Shanghai—Inspection of vessels—Cholera in Hankau and vicinity; summary for summer of 1908.*

Acting Assistant Surgeon Ransom reports, October 27:

During the week ended October 24 supplemental bills of health were granted to 2 steamships, with an aggregate personnel of 357. There were inspected during the week 1 steamship, with 58 in the crew, and manifests were viséed for 2,992 pieces of freight.

This port continues free from quarantinable disease, leprosy excepted.

It is stated that cholera is endemic at Hankau.

The total number of cases of cholera among the European population of Hankau last summer was 23, with 12 deaths. The estimate of cases among natives runs from 3,000 to 30,000.

Cholera was also epidemic during the summer, from about the middle of August, in Wuchang, Hanyang, Ichang, and cities and villages on the Han River, all more or less adjacent to Hankau.

Among foreigners cases of this disease were traced direct to ice-boxes and refrigerators and to the product of one ice factory which used river water that had been merely settled in tanks and run through an ordinary filter, with no attempt at sterilization.

#### CUBA.

*Report from Cienfuegos—Inspection of vessels.*

Acting Assistant Surgeon Suarez reports, November 16:

*Week ended November 14.*

Bills of health issued .....	2
Vessels inspected prior to sailing .....	2
Members of crews inspected .....	71
Passenger inspected .....	1

No quarantinable diseases have been reported.

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

Passed Assistant Surgeon Amesse reports, November 23:

*Week ended November 21.*

Vessels inspected .....	14
Bills of health issued .....	19
Members of crews of outgoing vessels inspected .....	929
Passengers of outgoing vessels inspected .....	468
Vessels fumigated prior to sailing .....	4

General sanitary conditions in this city and throughout Cuba continue good.

*Report from Matanzas—Inspection of vessels.*

Acting Assistant Surgeon Nuñez reports, November 23:

Week ended November 21. Two bills of health were granted to vessels clearing for United States ports in good sanitary condition. No quarantinable diseases were reported during the week.

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

Acting Assistant Surgeon Wilson reports, November 18:

Week ended November 14. Bills of health issued to 6 vessels bound for the United States. No vessel was fumigated. No quarantinable disease was reported.

During the week there were 3,978 houses inspected. Mosquito larvæ were found in 21.

## GERMANY.

*Report from Berlin—Status of plague in Russia from date of outbreak.*

The following is received from Consul-General Thackara, under date of November 16:

According to official reports dated October 24 there have been registered in the Russian Empire, since the outbreak of the present epidemic, 25,509 cases of cholera with 11,962 deaths.

In Finland up to October 29 there were registered 15 cases of cholera, including 5 cases on an English steamship in Tornea, the infection in each case being traced to St. Petersburg.

## GREAT BRITAIN.

*Report from Liverpool—No further cases of plague—Port declared free from plague.*

Vice-Consul Sulis reports November 14:

There have been no further cases of plague at Liverpool since the cases reported November 10 [see Public Health Reports November 13, 1908, page 1657] and which were isolated November 6, more than 7 days ago. The British local government board in London has issued the following statement:

Altogether 3 cases of plague have occurred in Liverpool between October 20 and November 6. These cases were confined to a barge in the docks, the last patient having been taken to hospital and isolated November 6. Every precaution, including isolation of the patients, watching of all known contacts, and disinfection, has been taken. A large number of rats have been killed in the docks and examined in the municipal laboratory. No instance of plague in any of these rats has been found. No further cases of plague have developed since November 6, and under Article 9 of the Paris Convention of 1903 any port which has become infected by plague ceases to be infected 5 days after the isolation, or the death or the recovery of the last case of plague, and after all measures of disinfection have been carried out, and measures against rats have been taken.

*Further relative to outbreak of plague on barge at Liverpool.*

Consul Sulis further reports, November 10:

The authorities have not definitely traced the origin of the plague cases at Liverpool beyond the fact that the persons attacked comprised the crew of a barge which is engaged in coaling steamships and receiving incoming cargoes. It is thought that the disease may have been conveyed in rags which were carried in the barge the day before the first man became sick. The barge was known to be infested with fleas. The origin of the rags referred to is not known, but they were brought to Liverpool in a coasting steamship from Glasgow. The authorities seized the rags as soon as plague appeared.

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

Passed Assistant Surgeon Currie, Plague Laboratory, reports, November 7, through Passed Assistant Surgeon Moore in temporary charge:

*Week ended November 7.*

Rats taken in Honolulu.....	749
Trapped.....	640
Found dead.....	0
Shot from trees.....	109
Examined bacteriologically.....	557
Showing plague infection.....	0

**CLASSIFICATION OF RATS SHOT FROM TREES.**

<i>Mus alexandrinus</i> .....	72
<i>Mus rattus</i> .....	12
Total classified.....	84

**CLASSIFICATION OF RATS TRAPPED.**

<i>Mus rattus</i> .....	208
<i>Mus norvegicus</i> .....	26
<i>Mus alexandrinus</i> .....	39
<i>Mus musculus</i> .....	367
Total classified.....	640
Average number of traps set daily.....	1,319

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

Acting Assistant Surgeon Roe reports:

Week ended October 31. Present officially estimated population, about 1,250. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health were issued to the following-named vessels:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
Oct. 25	Bodo .....	Mobila.....	17	0	0
25	Viator .....	New Orleans.....	17	0	0

## INDIA.

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

Acting Assistant Surgeon Eakins reports, November 5:

During the week ended October 31 a bill of health was issued to the steamship *Scharzfels* bound for Philadelphia and New York with a total crew of 63; and to the steamship *Bloemfontein*, bound for Boston and New York with a total crew of 64. The usual precautions were taken, the holds fumigated, rat guards placed on wharf lines, and the Asiatics' effects disinfected.

During the week ended October 17 there were 17 deaths from cholera, 8 deaths from plague, and 2 from smallpox in Calcutta. In Bengal there were 80 cases of plague with 72 deaths. In India there were 3,717 cases of plague with 2,649 deaths.

## ITALY.

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

Assistant Surgeon Wollenberg reports, November 9:

*Vessels inspected at Naples and Palermo, week ended November 7.*

## NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Nov. 3	Canopic .....	Boston .....	349	100	560
4	Batavia .....	New York .....	147	40	290
6	Re d'Italia .....	do .....	354	120	510
	Total .....		850	260	1,360

## PALERMO.

Nov. 7	Re d'Italia .....	New York .....	162	200	80
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*Rejections recommended.*

## NAPLES.

Date.	Name of ship.	Tra-choma.	Favus.	Suspected tra-choma.	Suspected favus.	Other causes.	Total.
Nov. 3	Canopic .....	18		6		1	25
4	Batavia .....	10		4		1	15
6	Re d'Italia .....	7	1	7		2	17
	Total .....	35	1	17		4	57

## PALERMO.

Nov. 7	Re d'Italia .....	9		8			17
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*Smallpox in Naples.*—During the week ended November 8, twelve cases of smallpox were reported at the health office of the city of Naples.

*Smallpox in Italy.*—Week ended November 8. Cases: Feltre (Belluno), 4; Naples, 12.

#### JAPAN.

##### *Report from Yokohama—Examination of emigrants.*

Passed Assistant Surgeon Cumming reports:

Number of emigrants per steamship *Shinano Maru* October 28: For Seattle, rejected, 1; advised to wait, 6.

Per steamship *Mongolia* November 5: For Honolulu, rejected, 2; for San Francisco, advised to wait, 3.

Detentions and rejections were for trachoma.

##### *Report from Kobe—Inspection of vessels—Examination of emigrants.*

Temporary Acting Assistant Surgeon Smith reports, October 27:

During the week ended October 24 supplemental bills of health were granted to 7 steamships. There were inspected 138 members of crew and 244 steerage passengers. Seventy-six steerage passengers were bathed and disinfected. Their effects were disinfected by steam. The number of pieces of baggage steamed was 149 and bedding 124. Manifests were viséed for 29,497 pieces of freight, amounting to 2,591 tons.

Emigrants were examined as follows:

Steamship *Shinano Maru* for Seattle, passed, 31; recommended for rejection, 8. Steamship *Asia* for Honolulu, passed, 26; recommended for rejection, 9. The emigrants passed, together with 5 intending passengers to Victoria by the steamship *Shinano Maru*, were inspected, bathed, and disinfected. Their effects were disinfected before embarkation.

##### *Report from Nagasaki—Cholera outbreaks in consular district.*

Sanitary Inspector Bowie reports, October 28:

Cholera has made its appearance simultaneously in widely separated localities included in this consular district. There have been at Moji 2 cases; at Obama, a small hot-springs resort two hours distant from Nagasaki, 1; at Sasebo, a well-known naval port, 2 cases; and on the island of Tsushima, distant about ten hours by water, 7 cases.

#### MEXICO.

##### *Report from Mexico City—Yellow fever at Veracruz, Merida, and Campeche.*

The following information is received from the president of the superior board of health:

During the week ended November 14, 2 cases of yellow fever with 1 death occurred in Veracruz; in the city of Merida, 5 cases and 3 deaths; and in Campeche 1 case. Prophylactic measures are observed.

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

Acting Assistant Surgeon McPherson reports, November 16:

During the period November 1 to 15, inclusive, 2 steamships were inspected and fumigated, according to regulations, on clearing from this port for the United States.

## PERU.

*Reports from Callao—Inspection and fumigation of vessels—Status of plague in Peru—Plague at Iquique, Chile.*

Acting Assistant Surgeon Gutierrez reports, November 1 and 9:

Week ended October 31. Two steamships, with an aggregate personnel of 159 crew and 69 cabin and 47 steerage passengers, were fumigated.

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

Locality.	Cases Oct. 15.	New.	Re- covered.	Died.	Remain- ing Oct. 21.
Lima .....	4	2	2	1	3
Callao .....	3				3
Barranco .....	1				1
Chorrillos .....	1				1
Trujillo (city) .....	27	{ 2 14 }	3	3	37
Trujillo (country) .....					
Chepen .....	14	7	1	7	13
Ferreñafe .....	2		1		1
Paita .....	3	2		1	4
Mollendo .....	1				1
Reque .....	1		1		
Ancon .....		1		1	
Lambayeque .....		2			2

No new case of plague has appeared at Callao since October 13. No new cases of smallpox have occurred in Callao or Lima; 7 cases are isolated in the lazaretto of Lima.

Bills of health from Chile report plague as follows: Iquique, October 23, 3 cases in lazaretto.

During the week ended November 7, 2 vessels, with an aggregate personnel of 130 crew and 60 cabin and 42 steerage passengers, were fumigated.

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

Locality.	Cases Oct. 22.	New.	Re- covered.	Died.	Remain- ing Oct. 28.
Lima .....	3	5	3		5
Callao .....	3		1		2
Barranco .....	1				1
Chorrillos .....	1				1
Trujillo (city) .....	37	{ 5 23 }	8	8	49
Trujillo (country) .....					
Chepen .....	13	3	4	2	10
Ferreñafe .....	1	1		1	1
Paita .....	4	1		1	4
Mollendo .....	1		1		
Lambayeque .....	2		1		1

The situation in Callao continues good; no new case of plague has been reported since October 13.

No new case of smallpox has been reported at Callao. One case of smallpox remains in the lazaretto at Lima. Bills of health from Chile report 3 cases of plague in the lazaretto at Iquique, October 26.

#### PHILIPPINE ISLANDS.

##### *Report from Manila—Cholera and smallpox—Status of cholera in Manila and the provinces—Inspection of vessels.*

Chief Quarantine Officer McClintic reports, October 13:

Week ended October 10. Fifty-five cases of cholera with 14 deaths, and 4 cases of smallpox with no deaths, occurred in the city of Manila.

*Status of cholera in Manila.*—The daily number of cases of cholera has gradually decreased, and the situation has become very much improved. Most of the cases reported come from Tondo, Meisic, and Sampaloc districts, only a few sporadic cases being found in the other districts of the city. A close watch is kept on the markets, and the sale of all fruits and vegetables that may be eaten raw and are likely to carry infection is strictly prohibited. In the infected districts a daily house-to-house inspection is made, in consequence of which most of the cases are found in the early stages of the disease and removed to the hospital. As is usually observed in the decline of cholera epidemics, the virulence of the cholera vibrio in this epidemic is becoming attenuated, as is evidenced by the marked decrease in the mortality rate.

A detachment of soldiers from Fort McKinley continues to guard the Mariquina water supply, from which Manila receives water, and no cases have been attributed to infection of the general water supply.

*Provincial cholera.*—The following is a list of the cases and deaths from cholera in the provinces of the Philippine Islands for the week:

Province.	Cases.	Deaths.
Rizal.....	70	61
Bulacan.....	35	21
Ilocos Sur.....	39	15
Nueva Ecija.....	1	
Pampanga.....	9	9
Capiz.....	53	31
Palawan.....	39	41
Pangasinan.....	1	1
Bataan.....	1	1
Leyte.....	13	
Benguet.....	7	7
Cavite.....	58	40
Iloilo.....	366	208
Negros Occidental.....	368	217
Antique.....	202	77
Laguna.....	14	9
Total.....	1,276	738

During the week consular bills of health were issued at the port of Manila as follows: October 5, the German steamship *Vandalia*, with 40 in the crew, en route from Yokohama to New York, was granted a supplemental bill of health after the usual inspection of cargo and personnel; October 8, the British steamship *Benvenue*, with 41 in the crew, en route from Yokohama to Cebu, was granted a supplementa

bill of health; October 8, the British steamship *Gulf of Venice*, coal laden, with 41 in the crew, en route from Townsville to Olongapo, was granted a supplemental bill of health; and October 9, the British steamship *Imani*, with 67 in the crew, en route from New Castle to Cebu and Iloilo, was granted a supplemental bill of health.

#### TURKEY.

*Report from Bagdad—Measures against spread of plague removed—Summary of plague from date of outbreak, May 9.*

Consul Magelssen reports, September 28:

This office is in receipt of a circular from the local bureau of health advising that inasmuch as no cases of plague have been reported in Bagdad during the past two weeks, the sanitary council at Constantinople has removed all measures that were taken to prevent the spread of the disease from this city.

Since the appearance of plague, May 9, 112 cases and 68 deaths have been officially reported.

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

ALGERIA—*Algiers*.—Month of October, 1908. Estimated population, 155,000. Total number of deaths, 287, including diphtheria 1, enteric fever 5, smallpox 22, and 39 from tuberculosis.

ARGENTINA—*Rosario de Santa Fe*.—Month of September, 1908. Estimated population, 154,663. Total number of deaths not reported. Deaths reported, whooping cough 1, and 30 from tuberculosis.

AUSTRALIA—*Queensland—Brisbane*.—Month of September, 1908. Estimated population, 135,655. Total number of deaths, 101, including measles 6, tuberculosis 13, and 1 from diphtheria.

AUSTRALIA—*New South Wales—Newcastle*.—Month of September, 1908. Estimated population, 51,450. Total number of deaths, 49, including enteric fever 1, and 2 from tuberculosis.

BRAZIL—*Bahia*.—Month of September, 1908. Estimated population, 265,000. Total number of deaths, 338, including smallpox 6, enteric fever 5, yellow fever 1, plague 8, and 59 from tuberculosis.

CHINA—*Amoy (Kulangsu)*.—Two weeks ended October 4, 1908. Estimated population, 3,400. Total number of deaths, 11, including 2 from enteric fever.

CUBA—*Matanzas*.—Seven weeks ended October 31, 1908. Estimated population, 35,515. Total number of deaths, 114, including diphtheria 3 and 22 from tuberculosis.

FRANCE—*Roubaix*.—Month of October, 1908. Estimated population, 121,115. Total number of deaths, 146, including enteric fever 1, measles 1, scarlet fever 1, whooping cough 1, diphtheria 4, and 19 from tuberculosis.



GREAT BRITAIN—*England and Wales*.—The deaths registered in 76 great towns in England and Wales during the week ended November 7, 1908, correspond to an annual rate of 15.0 per 1,000 population, which is estimated at 16,234,952.

*London*.—One thousand three hundred and eighty-eight deaths were registered during the week, including measles 28, scarlet fever 10, diphtheria 18, enteric fever 12, whooping cough 7, tuberculosis 122, and 44 from diarrhea. The deaths from all causes correspond to an annual rate of 15.1 per 1,000. In Greater London 1,915 deaths were registered. In the "outer ring" the deaths included 10 from measles, 3 from scarlet fever, 8 from diphtheria, and 1 from whooping cough.

*Ireland*.—The average annual death rate represented by the deaths registered during the week ended November 7, 1908, in the 21 principal town districts of Ireland was 20.6 per 1,000 of the population, which is estimated at 1,131,959. The lowest rate was recorded in Clonmel, viz, 5.1, and the highest in Sligo, viz, 43.2 per 1,000.

*Scotland*.—The deaths registered in 8 principal towns during the week ended November 7, 1908, correspond to an annual rate of 15.4 per 1,000 of the population, which is estimated at 1,839,038. The highest rate of mortality was recorded in Dundee, viz, 22.3, and the lowest in Leith, viz, 9.9 per 1,000. The aggregate number of deaths registered from all causes was 543, including enteric fever 4, diphtheria 10, scarlet fever 4, and 6 from whooping cough.

MALTA.—Two weeks ended October 31, 1908. Estimated population, 209,974. Total number of deaths, 194, including enteric fever 2, diphtheria 1, and 7 from tuberculosis.

TASMANIA—*Hobart*.—Month of September, 1908. Estimated population, 184,008. Total number of deaths, 170, including enteric fever 4, whooping cough 1, and 10 from tuberculosis.

WEST INDIES—*Curaçao*.—Two weeks ended October 30, 1908. Estimated population, 30,400. Total number of deaths, 28.

WEST INDIES—*St. Thomas*.—Third quarter, 1908. Estimated population, 11,012. Total number of deaths, 243, including 6 from tuberculosis.

*Cholera, yellow fever, plague, and smallpox, from June 27 to December 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.
<b>Austria:</b>				
Ostrowo .....	Sept. 8 .....	76	39	
Tarnopol .....	Sept. 14 .....	1		
<b>Ceylon, general</b> .....	May 17-23 .....		1	
Colombo .....	June 7-Sept. 26 .....	35	22	20 cases in the asylum for the insane.
<b>China:</b>				
Amoy (Kulansu) .....	July 26-Sept. 19 .....		40	
Canton .....	June 21-27 .....			Present.
Hankau .....	July 19-Sept. 21 .....	23	15	Among foreigners.
Do .....	July 19-Aug. 18 .....	10,790	1,397	Oct. 10. Still present among natives.
Hanyang .....	July 27-Aug. 18 .....		200	
Hongkong .....	June 14-Sept. 26 .....	49	53	
Ichang .....	Aug. 5-18 .....			Present.
Shanghai .....	Aug. 17-Sept. 27 .....			Present, and in vicinity.
Wuchang .....	Aug. 5-18 .....		2,140	100 cases in military encampment.
<b>India:</b>				
Bombay .....	May 20-Oct. 27 .....		29	
Calcutta .....	May 10-Oct. 17 .....		340	On s. s. Annie, en route May 23—June 1, 2 deaths.
Kurrachee .....	Aug. 8-Sept. 4 .....		26	
Madras .....	May 16-Oct. 23 .....		1,052	
Negapatam .....	Sept. 5-Oct. 9 .....		28	
Rangoon .....	May 17-Oct. 10 .....		67	
<b>Indo-China:</b>				
Bien Hoa .....	June 21-27 .....	60	59	
Cholon .....	May 10-Oct. 3 .....	189	105	
Saigon .....	May 10-Sept. 19 .....	101	72	
<b>Japan:</b>				
Awaji Island—				
Yura .....	Sept. 1-5 .....	7	6	Sept. 12. Epidemic.
Chiba ken .....	Jan. 1-Sept. 5 .....	3		
Ehime ken .....	Jan. 1-Sept. 5 .....	1		
Iki shima .....	Oct. 11-17 .....	1		
Kanagawa ken .....	Jan. 1-Sept. 5 .....	3		
Kawasaki .....	Aug. 23 .....	1		Present also at Obama.
Kokoora .....	Oct. 1 .....			Present.
Kuchinotsu .....	Oct. 11-17 .....	7		Present on steamer from Calcutta.
Kure .....	Aug. 15 .....			
Moji .....	Aug. 8-Oct. 28 .....	159	71	
Nagasaki .....	Oct. 3 .....	1		From s. s. Manchuria.
Oita ken .....	Jan. 1-Sept. 5 .....	1		
Sasebo .....	Oct. 28 .....	2		
Tokyo .....	Aug. 22 .....	7		Present in vicinity.
Tokushima .....	Aug. 2-Oct. 28 .....	7		
Wakamatsu .....	Aug. 25-Sept. 15 .....	6	3	
Yamaguchi ken .....	Jan. 1-Sept. 5 .....	1		
Yokohama .....	Aug. 17-23 .....	5	1	On British steamer in quarantine.
<b>Persia:</b>				
Teheran .....	July 3 .....	1	1	
<b>Philippine Islands:</b>				
Manila .....	June 7-Oct. 10 .....	697	429	3 cases to June 23 on railroad from Pangasinan Province. Sept. 14-16, 2 cases and 1 death from transport Sheridan. First quarter calendar year 1908, 203 cases, 167 deaths; second quarter, 2 cases and 4 deaths.
Provinces, general .....	July 12-18 .....	3	2	First quarter calendar year 1908, 806 cases, 628 deaths; second quarter, 3,488 cases and 2,315 deaths. Provinces north of Manila, June 28-July 4, 614 cases, 331 deaths.
Antique .....	Sept. 6-Oct. 10 .....	522	236	
Aseurrago .....	July 26-Aug. 1 .....	20	20	
Bataan .....	Jan. 1-Oct. 10 .....	21	19	
Benguet .....	July 26-Oct. 10 .....	13	10	
Bulacan .....	Jan. 1-Oct. 10 .....	460	325	
Capiz .....	Jan. 1-Oct. 10 .....	496	358	
Cavite .....	Jan. 1-Oct. 10 .....	119	82	
Ilocos Sur .....	July 12-Oct. 10 .....	1,969	1,400	
Iloilo .....	Aug. 9-Oct. 10 .....	4,657	2,931	

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

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Philippine Islands—Contd.</b>				
Provinces—Continued.				
Jaro .....	July 26-Aug. 1. ....	17	10	Including Balingasag and Cagayan.
La Laguna .....	Jan. 1-Oct. 10. ....	24	14	
Leyte .....	Oct. 4-10. ....	13	20	
Mindoro .....	Jan. 1-Mar. 31. ....	32	413	
Misamis .....	July 12-Sept. 5. ....	993		
Negros Occidental .....	Sept. 6-Oct. 10. ....	1,526	1,008	
Nueva Ecija .....	July 4-Oct. 10. ....	397	206	
Nueva Vizcaya .....	July 12-Aug. 29. ....	34	27	
Palawan .....	Sept. 21-Oct. 10. ....	23	21	
Pampanga .....	Jan. 1-Oct. 3. ....	250	198	
Pangasinan .....	Jan. 1-Oct. 10. ....	2,154	1,266	Present in vicinity.
Rizal .....	Jan. 1-Oct. 10. ....	560	449	
Santa Barbara .....	July 26-Aug. 1. ....	15	9	
Tarlac .....	Jan. 1-Sept. 19. ....	279	108	
Union .....	July 12-Oct. 3. ....	1,025	687	
Zambales .....	Feb. 2-Mar. 31. ....	62	48	
Russia, general .....	July 21-Oct. 25. ....	25,509	11,962	
Astrakhan govt. district .....	July 19-Oct. 25. ....	1,718	839	
Bakoo .....	Aug. 7-Oct. 25. ....	218	117	
Batoom .....	Aug. 10. ....			
Charkov district .....	Sept. 12-17. ....	3	3	
Charnigov .....	Sept. 4-16. ....	2	1	
Cronstadt .....	Sept. 15-Oct. 25. ....	196	86	
Don, territory of .....	July 19-Oct. 3. ....	11,569	569	
Ekaterinislav .....	Aug. 8-Oct. 25. ....	994	495	
Helsingfors .....	Sept. 17-Oct. 25. ....	15		
Iritusk .....	Sept. 3. ....	1	1	Present.
Jaroslav .....	Aug. 19-Oct. 25. ....	333	162	
Jenneisk .....	Aug. 28-Sept. 17. ....	7	4	
Kazan .....	Aug. 7-Sept. 17. ....	125	40	
Kerch-Ynikalé prefecture .....	Sept. 4-Aug. 26. ....	104	55	
Kerson .....	Sept. 4-12. ....	4	2	
Kief district .....	Aug. 21-Oct. 25. ....	735	236	
Kirghis Steppe .....	Sept. 12. ....			
Kostroma .....	Aug. 8-Oct. 10. ....	174	84	
Kooban .....	Aug. 7-Oct. 25. ....	1,372	772	
Moscow district .....	Aug. 29-Oct. 10. ....	15	10	July 19, present, also, on vessels Along Yenisei River. July 31, present.
Nakhchivan .....	Aug. 7-14. ....	19	6	
New Peterhof .....	Sept. 4-12. ....	1	1	
Nijni Novgorod .....	Aug. 7-Oct. 25. ....	750	328	
Odessa .....	Sept. 1-Oct. 10. ....	12	12	
Oofa .....	Aug. 7-Sept. 28. ....	9	4	
Orel govt. ....	Sept. 4-12. ....	5	3	
Orenburg .....	Sept. 4-17. ....	4	4	
Penza .....	Aug. 8-17. ....	1		
Perm .....	Aug. 8-Sept. 17. ....	19	7	
Poltava govt. ....	Sept. 4-28. ....	73	40	Nov. 9, 258 cases in hospitals.
Pskov .....	Sept. 11-17. ....	2	1	
Riga .....	Sept. 20-Nov. 7. ....	27		
Rostov .....	July 26-Oct. 25. ....	1,174	531	
Samara govt. district .....	July 19-Oct. 25. ....	1,369	637	
Saratov .....	July 19-Oct. 25. ....	1,527	862	
Siberia .....	Sept. 12. ....			
Simbirsk govt. district .....	Aug. 7-Oct. 10. ....	139	23	
St. Petersburg govt. ....	Sept. 9-Oct. 25. ....	340	133	
St. Petersburg .....	Sept. 9-Oct. 28. ....	7,830	3,198	
Syr-Daria .....	Sept. 4-12. ....	30	15	Present.
Tachkent .....	Aug. 29-Sept. 10. ....	23	8	
Taganrog .....	Aug. 29-Sept. 10. ....	52	31	
Tambov govt. district .....	July 31-Sept. 28. ....	22	13	
Tavride .....	Sept. 4-12. ....	6	3	
Terek territory .....	Sept. 4-28. ....	26	8	
Tiflis .....	Aug. 8-Oct. 25. ....	142	72	
Tomsk .....	Sept. 18-Oct. 25. ....	196	116	
Trans-Caspian territory .....	Sept. 12-25. ....	13	6	
Tula .....	Aug. 7-14. ....	2	1	
Tver district .....	Sept. 12-25. ....	18	7	Imported. July 19, present, also, on vessels; Aug. 29, 250 cases daily.
Ufa district .....	Sept. 12-17. ....	254	148	
Ural territory .....	Sept. 4-Oct. 25. ....	646	356	
Vistula district .....	Sept. 10. ....			
Vladimir govt. ....	Sept. 4-12. ....	10	2	
Voronej .....	Sept. 4-12. ....	5	2	
Warsaw .....	Aug. 2-8. ....	2	2	
Zaritzyn .....	July 24-Sept. 3. ....	237	132	
<b>Siam:</b>				
Bassein .....	May 10-16. ....			Present.
<b>Straits Settlements:</b>				
Patalung .....	Sept. 7. ....			Do.
Singapore .....	May 10-Oct. 17. ....		27	

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

## YELLOW FEVER.

Place.	Date.	Cases.	Deaths.	Remarks.
Barbados:				
Bridgetown .....	Oct. 6-12 .....	1	1	
Brazil:				
Bahia .....	July 22-Sept. 30 .....	5	3	July 22, 3 cases from Italian bark <i>Sacro Cuore de Jeso</i> . Report Aug. 22 not received.
Manaos .....	May 26-Oct. 31 .....	34	34	
Para .....	May 31-Nov. 7 .....	50	47	
Pernambuco .....	June 15-Sept. 15 .....	4	4	
Rio de Janeiro .....	June 1-Aug. 15 .....	3	3	
Cuba:				
Habana Province—				
Habana .....	Sept. 13-Oct. 20 .....	4	3	Case Oct. 2 from s. s. <i>Merida</i> ; case Oct. 19 from s. s. <i>Monterey</i> ; case Oct. 14-20 from s. s. <i>Salvador</i> .
Santiago (Oriente) Province—				
Antilla .....	Sept. 8 .....			Case removed to Santiago Aug. 29.
Daiquiri .....	June 27-Aug. 15 .....	20	4	
Firmeza .....	Aug. 22 .....	1	1	
Santiago .....	Aug. 29-Sept. 6 .....	1	1	From Antilla and Mayari. Imported.
Curacao .....	June 28-Aug. 1 .....	1	1	
Ecuador:				
Guayaquil .....	May 31-Oct. 31 .....		18	
France:				
St. Nazaire .....	Sept. 25-Oct. 20 .....	11	6	From s. s. <i>La France</i> from West Indian ports.
Honduras:				
Ceiba .....	Sept. 24 .....	1		
Martinique:				
Port de France .....	June 27-Nov. 7 .....	57	14	And vicinity.
Mexico:				
Acapulco .....	Sept. 12 .....	1	1	On Mexican s. s. <i>Manuel Herrierias</i> .
Campeche .....	Oct. 25-Nov. 14 .....	2	1	
Frontera .....	July 12 .....	1		
Laguna del Carmen .....	Aug. 29 .....	2		
Laguna de Terminos .....	June 9-July 12 .....	8	2	From May 18, 4 cases additional from s. s. <i>Lembit</i> .
Merida .....	Aug. 23-Nov. 14 .....	35	19	
Tierra Blanca .....	July 27 .....	1		
Veracruz .....	July 7-Nov. 14 .....	29	15	
Porto Rico:				
San Juan .....	July 5 .....			1 case on s. s. <i>Julia</i> .
St. Vincent Island .....	Sept. 6-Oct. 3 .....	3	2	
Venezuela .....	June 26 .....	80	40	Estimated. In Upata, Guasi-pati, and Callao.

## PLAGUE.

Algeria:				
Algiers .....	Sept .....		1	From s. s. <i>Blythswood</i> in voyage.
Australia:				
Brisbane .....	June 6-Aug. 8 .....	3	1	Case, June 6-11, at Clifton.
Sydney .....	Feb. 25-June 24 .....	4		
Austria:				
Trieste .....	Sept. 21 .....	2	1	From s. s. <i>Erzherzog Franz Ferdinand</i> from Bombay.
Azores:				
Fayal .....	Aug. 10-Sept. 21 .....	9	4	
Terceira .....	July 1-Oct. 27 .....	112	53	
Brazil:				
Bahia .....	July 29-Sept. 30 .....	10	10	
Maranhao, state .....	Oct. 20 .....			Present.
Para .....	Oct. 11-17 .....	1	1	
Pernambuco .....	June 1-Sept. 30 .....		3	
Rio de Janeiro .....	May 11-Oct. 25 .....	38	13	
Sao Paulo .....	May 18-Aug. 30 .....		3	
British East Africa:				
Port Florence .....	June 11-July 11 .....	27	22	
British Gold Coast:				
Akkra .....	May 20-Aug. 7 .....	8	5	
Chile:				
Antofagasta .....	May 18-Aug. 12 .....	64	6	
Arica .....	July 15-22 .....	2		From Jan. 1-Apr. 30, 179 cases and 47 deaths.
Iquique .....	May 20-Oct. 12 .....	37	13	Oct. 25, 3 cases in the lazaretto

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

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>China:</b>				
Amoy .....	Aug. 8 .....	.....	1	Apr. 26–Oct. 1, present in native city and up-country districts. July 21–Aug. 1, epidemic. Mainly imported. June 27 still present.
Canton .....	May 1–June 9 .....	10	.....	Present.
Changshan .....	Sept. 26 .....	.....	.....	Do.
Chinwangtao .....	Oct. 17 .....	.....	.....	Do.
Foochoo .....	Apr. 6–July 18 .....	.....	.....	Do.
Hongkong .....	May 10–Sept. 5 .....	875	738	Do.
Hsing-Sua .....	June 2–8 .....	.....	.....	Do.
Swatow .....	July 4–Aug. 14 .....	.....	.....	Do.
Taku .....	Oct. 17 .....	.....	.....	Do.
Tangku .....	Oct. 17 .....	.....	.....	Do.
Tientsin .....	Oct. 17 .....	.....	.....	Do.
Tongshan .....	Oct. 17 .....	.....	.....	Epidemic.
<b>Ecuador:</b>				
Babohoyo .....	Sept. 19–Oct. 5 .....	4	1	
Guayaquil .....	May 31–Sept. 5 .....	.....	23	
<b>Egypt:</b>				
Alexandria .....	May 27–Nov. 3 .....	78	44	Case, July 9, from s. s. Perseo.
Port Said .....	July 3–Oct. 5 .....	12	8	July 5, 1 case on s. s. Orenoque.
<b>Provinces—</b>				
Assiout .....	May 27–July 5 .....	6	3	
Minieh .....	May 15–July 31 .....	6	2	
Dakahlieh .....	June 2–Sept. 15 .....	3	.....	
Garbieh .....	May 16–Nov. 1 .....	27	6	
Girgeh .....	Apr. 23–Oct. 13 .....	6	6	
Fayoum .....	May 28–Aug. 4 .....	81	45	
Beni Souef .....	May 29–Aug. 8 .....	42	13	
Kena .....	May 28–July 25 .....	44	44	
Galyoobeeyeh .....	May 21–Aug. 3 .....	39	17	
Menouf .....	May 26–Nov. 5 .....	97	26	
<b>Great Britain:</b>				
Liverpool .....	Oct. 23–Nov. 8 .....	3	2	From barge Wesley. Last death occurred Nov. 8.
<b>India:</b>				
Bombay Presidency and Sind .....	Apr. 26–Oct. 10 .....	17,376	12,291	
Madras Presidency .....	Apr. 26–Oct. 10 .....	2,116	1,385	
Bengal .....	Apr. 26–Oct. 10 .....	1,146	1,041	
United Provinces .....	Apr. 26–Oct. 10 .....	1,656	1,491	
Punjab .....	Apr. 26–Oct. 10 .....	14,070	11,514	
Burma .....	Apr. 26–Oct. 10 .....	2,396	2,327	
Central provinces, including Berar .....	Apr. 26–Oct. 10 .....	1,930	1,684	
Coorg .....	May 24–June 27 .....	8	5	
Mysore State .....	Apr. 26–Oct. 10 .....	3,570	2,563	
Usmanabad and Raichur districts .....	Aug. 9–15 .....	69	51	
Hyderabad State .....	July 19–Oct. 10 .....	657	590	
Central India .....	Apr. 26–Oct. 10 .....	356	216	
Rajputana .....	Apr. 26–Oct. 10 .....	790	623	
Kashmir .....	Apr. 26–Aug. 29 .....	27	15	
Northwest frontier province .....	Apr. 26–July 18 .....	456	404	
Grand total .....	.....	46,623	36,200	
<b>Indo-China:</b>				
Cholon .....	May 10–Oct. 17 .....	144	136	
Saigon .....	May 10–Oct. 17 .....	175	112	
<b>Japan:</b>				
<b>Awaji Island—</b>				
Yura .....	Sept. 26 .....	48	5	
Formosa .....	May 10–Aug. 15 .....	620	506	From May 15 epidemic at Taiwan: 25 cases reported daily. And vicinity.
Hiogo .....	Aug. 15–Sept. 14 .....	36	22	
Kobe .....	May 24–Sept. 19 .....	9	7	
Nara .....	June 14–20 .....	14	.....	
Nishinomiya .....	To Sept. 24 .....	5	.....	
Osaka .....	May 10–June 27 .....	19	18	
Yokohama .....	Aug. 26 .....	2	.....	
Mauritius .....	May 31–Sept. 24 .....	17	9	On s. s. Itsukushima in voyage.
<b>Peru:</b>				
Ancon .....	Oct. 22–28 .....	1	1	
Barranco .....	Oct. 1–7 .....	1	.....	
Callao .....	May 20–Oct. 14 .....	36	15	
Chepen (Pacasmayo) .....	July 8–Oct. 28 .....	66	32	
Chiclayo .....	May 20–Sept. 28 .....	20	15	And vicinity.

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

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Peru—Continued.</b>				
Chorrillos .....	Aug. 18–Aug. 24 .....	2	.....	And vicinity.
Ferrenafe .....	July 21–Oct. 28 .....	11	5	
Guadalupe .....	Aug. 5–18 .....	1	1	
Lima .....	May 20–Oct. 28 .....	98	53	
Mollendo .....	June 2–Oct. 14 .....	8	3	
Monsefu .....	June 2–8 .....	1	.....	
Niepos (Hualgayoc) .....	June 2–8 .....	2	.....	
Paita (La Huaca) .....	July 21–Oct. 28 .....	20	12	
Reque .....	Oct. 8–14 .....	1	.....	
Salaverry .....	May 2–July 19 .....	17	.....	
Santa Eulalia (Huarochiri) .....	July 21–Aug. 3 .....	1	.....	Do.
San Jose (Lambayeque) .....	July 21–Oct. 21 .....	6	4	
Trujillo .....	May 20–Oct. 28 .....	293	127	
<b>Siam:</b>				
Bangkok .....	May 3–June 20 .....	18	12	Present Do.
Puket .....	May 9 .....	.....	.....	
Tongkah .....	May 4 .....	.....	.....	
<b>Straits Settlements:</b>				
Singapore .....	May 17–30 .....	.....	2	
<b>Trinidad:</b>				
Port of Spain .....	June 4–Sept. 30 .....	17	13	
<b>Turkey in Asia:</b>				
Adalia .....	July 27–Sept. 23 .....	5	3	
Bagdad .....	June 7–Sept. 7 .....	76	51	
Beyroot .....	Sept. 28 .....	1	.....	
<b>Uruguay:</b>				
Montevideo .....	Apr. 1–May 31 .....	.....	5	
<b>Venezuela:</b>				
Caracas .....	June 10–Oct. 18 .....	64	15	Oct. 4–18, 2 imported. Aug. 5, present. Suburb of La Guaira.
La Guaira .....	June 16–30 .....	5	2	
Maquetia .....	June 28 .....	1	.....	

## SMALLPOX.

<b>Algeria:</b>				
Algiers .....	June 29–Oct. 31 .....	.....	51	
<b>Arabia:</b>				
Aden .....	May 28–Nov. 2 .....	.....	162	
<b>Argentina:</b>				
Buenos Aires .....	Mar. 1–May 31 .....	.....	4	
<b>Austria:</b>				
Bukowina .....	July 12–Sept. 26 .....	10	.....	
Galicia .....	May 24–Oct. 31 .....	11	.....	
Silesia .....	July 19–25 .....	4	.....	
<b>Barbados:</b>				
Bridgetown .....	Oct. 18–24 .....	1	.....	From s. s. Castillian Prince.
<b>Borneo:</b>				
Sandakan .....	Apr. 16–June 30 .....	43	16	
<b>Brazil:</b>				
Bahia .....	May 1–Sept. 30 .....	757	44	
Campinas .....	June 29–July 5 .....	.....	2	
Para .....	June 28–July 4 .....	2	2	
Pernambuco .....	May 1–Sept. 30 .....	.....	326	Case Sept. 26 from s. s. Amazonas.
Rio de Janeiro .....	May 11–Oct. 25 .....	10,930	4,875	July 8–16, 1 case and 1 death on s. s. Peruviana, and Aug- ust 23 1 case on s. s. Hill- fern on voyage.
Santos .....	May 18–Oct. 18 .....	.....	66	1 case July 10 from s. s. Spar- tan Prince.
São Paulo .....	Aug. 10–Oct. 18 .....	.....	67	
<b>British South Africa:</b>				
East London .....	July 12–Aug. 15 .....	10	.....	
<b>Canada:</b>				
<b>British Columbia—</b>				
Vancouver .....	Oct. 31 .....	2	.....	
Victoria .....	Nov. 8–14 .....	1	.....	
<b>Manitoba—</b>				
Winnipeg .....	Oct. 4–10 .....	1	.....	
<b>Nova Scotia—</b>				
Halifax .....	June 14–Nov. 21 .....	47	.....	
<b>Ontario—</b>				
Hamilton .....	June 1–30 .....	3	.....	
Kingston .....	Nov. 21 .....	40	.....	
Toronto .....	Oct. 4–Nov. 7 .....	7	.....	
<b>Ceylon, general</b>				
Colombo .....	Apr. 1–30 .....	.....	2	
.....	June 29–Oct. 17 .....	177	37	

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

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>China:</b>				
Amoy (Kulangsu).....	Apr. 5-Aug. 1.....		1	August 15, still present.
Foochoo.....	Apr. 26-June 27.....			Present.
Hongkong.....	May 10-July 18.....	30	18	
Nankin.....	June 11.....			Epidemic.
Shanghai.....	May 18-July 19.....	a 2	12	
Cuba, general.....	Sept. 1-10.....	1		
Habana.....	Oct. 1-7.....			1 case on s. s. Westerwald, not landed.
<b>Denmark:</b>				
Copenhagen.....	Sept. 20-26.....	2		
<b>Ecuador:</b>				
Guayaquil.....	May 31-Sept. 26.....		51	Oct. 24, 1 case.
Egypt, general.....	May 14-Oct. 7.....	794	246	
Cairo.....	May 31-Oct. 28.....	72	26	
Suez.....	June 18-July 1.....	5		
<b>France:</b>				
Marseille.....	July 1-31.....		1	
Paris.....	May 31-Nov. 9.....	20		
Toulon.....	May 1-Sept. 30.....	4		
Germany, general.....	May 24-Sept. 5.....	50		
Bremen.....	May 24-Oct. 24.....	5		
Chemnitz.....	Aug. 2-19.....	2		
Konigsberg.....	Aug. 2-8.....	1		
Ulm.....	Aug. 23-29.....	1		
<b>Great Britain:</b>				
Liverpool.....	Apr. 30-Aug. 29.....	5		
Grenada Island.....	Sept. 12-26.....	6		
<b>India:</b>				
Bombay.....	May 20-Oct. 20.....		228	
Calcutta.....	May 10-Oct. 17.....		152	
Madras.....	May 23-Aug. 14.....		2	
Rangoon.....	Aug. 16-Oct. 10.....		5	
<b>Indo-China:</b>				
Cholon.....	May 24-Oct. 17.....	13	8	
Saigon.....	July 19-Sept. 26.....	13	8	
<b>Italy:</b>				
General.....	June 8-Nov. 8.....	653		
Catania.....	May 22-July 31.....		4	
Genoa.....	May 1-Aug. 31.....	9		
Messina.....	July 19-Oct. 31.....			Present.
Naples.....	June 7-Nov. 8.....	136	12	
Palermo.....	May 24-Sept. 26.....	33	4	
Piscinola.....	Sept. 12-30.....	18	1	
Turin.....	June 8-14.....	3	1	
<b>Japan:</b>				
Formosa.....	June 7-13.....	1		
Kobe.....	May 31-Sept. 12.....	13		May 30, 1 case on s. s. Mongolia; June 13, 1 case on s. s. Mun- caster Castle.
Nagasaki.....	May 26-31.....	1		
Osaka.....	May 10-Aug. 1.....	115	59	
Yokohama.....	June 2-29.....	3		
<b>Java:</b>				
Batavia.....	May 10-Oct. 17.....	71	3	
<b>Mexico:</b>				
Acapulco.....	Sept. 20-26.....	3		
Aguascalientes.....	June 8-Sept. 20.....		9	
Alvarado.....	Oct. 1-17.....	15	1	
Durango.....	Oct. 17-31.....			Present.
Mexico City.....	May 10-Oct. 17.....		251	
Monterey.....	June 8-14.....		1	
Tlacoalpan.....	Oct. 1-17.....			Present.
Veracruz.....	Oct. 8-10.....	2		
<b>Netherlands, The:</b>				
Amsterdam.....	July 27-Aug. 1.....	1		
<b>Norway:</b>				
General.....	Oct. 1-31.....	10		
Christiania.....	Aug. 9-Oct. 31.....	158	16	
<b>Peru:</b>				
Callao.....	Oct. 10.....	1		Aug. 29-Sept. 5, present among troops.
Lima.....	June 1-Oct. 10.....	5		Nov. 7, 1 case in the lazaretto.
Paíta.....	Aug. 25.....			Present, and in vicinity.
<b>Philippine Islands:</b>				
Manila.....	May 3-Oct. 10.....	166	63	First quarter calendar year 1908, 42 cases, 12 deaths; sec- ond quarter, 151 cases, 64 deaths. Sept. 5, 1 case on s. s. Changsha.
<b>Porto Rico:</b>				
Mayaguez.....	June 7-27.....	6		

a Cases among foreigners; deaths among natives.

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

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Portugal:</b>				
Cascaes.....	Sept. 12-18.....	1		
Lisbon.....	May 31-Oct. 31.....	48		
<b>Russia:</b>				
Batoom.....	May 1-31.....	1		
Reval.....	Aug. 1-Sept. 30.....	1		
Libau.....	Aug. 30-Sept. 5.....	1	1	
Moscow.....	May 24-Oct. 31.....	401	191	
Odessa.....	May 24-Oct. 3.....	42	4	
Riga.....	June 7-Nov. 7.....	28		
St. Petersburg.....	May 17-Oct. 27.....	473	109	
Warsaw.....	May 10-Oct. 17.....		117	
<b>Siberia:</b>				
Vladivostok.....	May 6-June 21.....	11		
<b>Spain:</b>				
Barcelona.....	June 1-Nov. 7.....		25	
Cadiz.....	July 27.....			Present.
Madrid.....	Sept. 1-30.....		2	
Malaga.....	Mar. 1-Apr. 30.....		4	July 27, present.
Seville.....	Oct. 1-31.....		1	
Valencia.....	June 1-Nov. 7.....	94	10	
Vigo.....	Sept. 27-Oct. 17.....		2	
<b>Straits Settlements:</b>				
Penang.....	Aug. 2-22.....	2	1	
Singapore.....	May 24-Sept. 5.....		6	
<b>Switzerland:</b>				
Zurich.....	Aug. 23-29.....	3		
<b>Turkey in Asia:</b>				
Bagdad.....	May 10-Sept. 5.....	133	67	
Smyrna.....	May 13-Oct. 6.....		21	Present.
Trebizond.....	Sept. 27-Oct. 3.....			
<b>Turkey in Europe:</b>				
Constantinople.....	June 1-Nov. 8.....		140	
<b>Zanzibar:</b>				
Zanzibar.....	June 8-Oct. 30.....		4	

*Weekly mortality table, foreign and insular cities.*

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—									
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Aberdeen.....	Nov. 7	178,210	36									1	
Adelaide.....	Sept. 5	380,574	59	7						1			
Do.....	Sept. 12	380,574	65	5									2
Do.....	Sept. 19	386,574	59	5						1			
Do.....	Sept. 26	380,574	59	14									
Do.....	Oct. 3	380,574	73	9									
Aden.....	Oct. 26	43,794	64	9				10				1	
Do.....	Nov. 2	43,794	69	3				9				1	2
Aguascalientes.....	Nov. 15	40,000	31	4						1			1
Aix la Chapelle.....	Oct. 24	158,578	76	5									5
Amsterdam.....	Nov. 7	510,850	135	16						1		1	1
Athens.....	Oct. 31	241,058	72	13						6		1	
Baracoa.....	Nov. 14	27,000	5									1	
Barcelona.....	Nov. 7	600,000	222	20				2	3	13		2	2
Barmen.....	Oct. 31	160,400	45	6									3
Barranquilla.....	do	40,000	21	5									
Basel.....	do	131,000	41	9									
Belfast.....	Nov. 7	380,344	132	23									
Belize.....	Nov. 12	9,113	7										
Bergen.....	Nov. 7	87,749	18	2								4	
Berlin.....	Oct. 24	2,101,877	509	70						1	11	13	2
Birmingham.....	Nov. 7	558,336	156							2	3	2	
Bombay.....	Oct. 27	977,822	653	46	12	1		2		3		2	1
Bordeaux.....	Oct. 31	253,000	116	26						1			
Do.....	Nov. 1	253,000	86	7						2		1	1



Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Bremen	Oct. 24	230,670	43	6								1	2	
Do	Oct. 31	230,670	70	9							1	1	3	1
Bristol	Nov. 7	372,785	102											
Brussels	Oct. 31	630,078	161	9						1	1			
Budapest	Oct. 24	804,200								1	5	2	2	
Do	Oct. 31	804,200									5	5	3	
Cairo.	Oct. 28	692,657	385	29				1	4	4		10		
Calcutta	Oct. 3	847,796	334	19	7	7		1					1	
Do	Oct. 10	847,796	407	35	6	13		2					1	
Cardiff	Nov. 7	191,446	46	5						1				
Ceiba	Nov. 14	6,500	2											
Chemnitz	Oct. 31	271,660	75	6									1	2
Christiania	do	231,687	55							1		2		
Cienfuegos	do	37,000	12	1										
Do	Nov. 7	37,000	20	2										
Do	Nov. 14	37,000	26	2										
Coatzacoalcas	do	3,300	4											
Coburg	Oct. 31	23,239	11									1		
Cognac	Nov. 7	19,483	7											
Colombo	Oct. 10	155,869	157	16				4		16				
Do	Oct. 17	155,869	110	12				7		7			1	
Colon.	Nov. 1	16,000	9	1						1				
Constantinople.	Nov. 8	1,000,000	206	48			7			3				
Copenhagen	Oct. 24	440,000	104	13						1				
Damascus	do	250,000	47											
Do	Oct. 31	250,000	45											
Dublin	Nov. 7	394,525	185	35						8		1	3	2
Dundee	do	168,616	71											
Durban	Oct. 17	60,972	13	3										
Dresden	Oct. 31	540,300	150	18								6		3
East London	Oct. 10	49,253	8											
Do	Oct. 17	49,253	5											
Edinburgh	Nov. 7	350,524	96	12							1	1		
Flushing	do	10,157	4											
Fort de France.	Oct. 3	27,069	13											
Frankfort-on-the-Main	Oct. 31	359,000	76							1	2			1
Geneva	Oct. 24	118,500	33								2			
Ghent	Oct. 31	165,033	78	15									1	
Glasgow	Nov. 13	859,715	268							4	1	7		5
Gothenburg	Oct. 31	160,500	36	9										
Greenock	Nov. 7	71,783	20									1		
Guayaquil	Oct. 24	75,000	54	13										2
Halifax	Nov. 14	40,759	20									2		
Hamburg	Nov. 7	854,472	251	29							3	4		3
Hamilton, Bermuda	Nov. 9	20,206	7											
Do	Nov. 16	20,206	8											
Havre	Oct. 31	132,430	70	10						4				
Hongkong	Sept. 26	315,616			1	1								
Honolulu	Oct. 31	39,306	20	2										
Do	Nov. 7	39,306	14	1						1		1		1
Hull	Oct. 31	271,137	89							1		2	1	1
Königsberg	do	235,000	68	3										
Leeds	Nov. 7	477,107	115										1	1
Leipzig	Oct. 31	528,184	130	16						1	1	6	1	
Leth	Nov. 7	84,689	16	1										
Libau	Oct. 31	90,000								2	1	1		
Liverpool	Nov. 7	753,203	256	17						4	5	2		1
London	do	4,795,757	1,915	122						12	13	26	38	8
Lübeck	Oct. 31	96,000	29	1										
Lyons.	do	472,114	159	21		7				1		3		1
Madras	Oct. 23	509,346	403										1	
Magdeburg	Oct. 24	247,893	58	3							1	3		
Manchester	Nov. 7	649,251	207	20						4	1	8		
Mannheim	do	180,305	46	5							1			1
Manzanillo	Nov. 14	1,700	1											
Messina.	Oct. 10	107,000	27	1						1	1			
Do	Oct. 17	107,000	21							1	1			
Milan	Nov. 1	900,000	171	28						3	2	2	1	
Moncton	Nov. 9	13,500	4											
Do	Nov. 16	13,500	3	1										

## Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—									
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Montevideo	Oct. 24	7,000	4	...	...	...	...	...	...	...	...	...	...
Monterey	Nov. 15	100,000	46	2	...	...	...	...	...	...	...	...	...
Munich	Oct. 24	556,000	201	30	...	...	...	...	...	1	2	...	...
Newcastle-on-Tyne	Oct. 31	272,969	83	...	...	...	...	...	...	...	1	...	3
Do	Nov. 7	272,969	98	...	...	...	...	...	...	...	1	...	4
Niuchwang	Oct. 17	60,000	14	...	...	...	...	...	...	...	...	...	...
Nottingham	Oct. 31	255,000	73	...	...	...	...	...	...	...	1	...	...
Nuevo Laredo	Nov. 14	8,000	3	1	...	...	...	...	...	...	...	...	...
Nuremberg	Oct. 24	311,650	102	18	...	...	...	...	...	2	...	...	2
Odessa	Oct. 3	467,000	217	12	...	3	...	...	8	4	3	2	2
Do	Oct. 10	467,000	198	17	...	...	...	...	12	12	4	...	1
Para	Oct. 17	185,000	47	3	1	...	...	...	...	...	...	...	...
Do	Oct. 24	185,000	63	4	...	...	3	...	...	...	...	...	...
Paris	Oct. 31	2,776,394	905	189	...	...	...	...	7	1	4	1	3
Do	Nov. 7	2,776,394	186	...	...	...	...	...	3	1	4	1	4
Patras	Oct. 31	40,000	10	4	...	...	...	...	1	...	...	...	...
Penang	Oct. 17	101,469	84	14	...	...	...	...	1	...	...	...	...
Plymouth	Nov. 7	122,113	33	...	...	...	...	...	...	...	1	...	...
Port Elizabeth	Oct. 24	32,959	14	1	...	...	...	...	...	...	...	...	2
Queenstown	Nov. 7	7,684	3	...	...	...	...	...	...	...	...	...	...
Rangoon	Oct. 17	252,155	188	5	6	...	...	...	...	...	1	...	...
Rotterdam	Nov. 7	409,562	120	...	...	...	...	...	1	6	1	...	...
St. John, N. B.	Nov. 14	40,711	9	1	...	...	...	...	...	...	1	...	...
San Feliu de Guixols	Nov. 7	11,094	3	1	...	...	...	...	...	...	1	...	...
Santa Cruz de Tenerife	Oct. 31	46,000	12	2	...	...	...	...	...	...	...	...	...
Do	Nov. 7	46,000	15	3	...	...	...	...	...	...	...	...	...
Santiago de Cuba	Nov. 14	45,509	19	5	...	...	...	...	...	...	...	...	...
Sheffield	Oct. 31	440,000	176	19	...	...	...	...	1	1	4	7	1
Do	Nov. 7	440,000	170	12	...	...	...	...	2	3	1	4	1
Singapore	Oct. 10	260,000	262	33	...	...	...	...	1	...	...	...	...
Do	Oct. 17	260,000	232	28	...	1	...	...	1	...	...	...	...
Southampton	Nov. 7	122,196	27	5	...	...	...	...	...	...	1	...	...
Stettin	Oct. 31	230,000	82	3	...	...	...	...	1	...	...	...	...
Stockholm	Oct. 24	337,460	81	15	...	...	...	...	1	2	2	1	...
Sunderland	Oct. 31	157,495	58	7	...	...	...	...	...	...	...	...	...
Do	Nov. 7	157,495	45	9	...	...	...	...	...	...	...	...	...
Tegucigalpa	Nov. 4	24,000	10	...	...	...	...	...	...	...	...	...	...
Trieste	Oct. 31	216,077	103	...	...	...	...	...	...	2	...	...	...
Turin	Nov. 1	373,701	143	13	...	...	...	...	1	...	3	...	...
Victoria, B. C.	Nov. 14	27,500	3	...	...	...	...	...	...	...	...	...	...
Vienna	Oct. 31	2,042,426	626	88	...	...	...	...	1	6	9	5	...
Vigo	Oct. 17	40,000	21	6	...	...	...	...	1	11	6	17	...
Warsaw	Oct. 17	751,595	285	57	...	...	5	...	...	...	...	...	...
West Hartlepool	Oct. 31	66,750	18	...	...	...	...	...	...	...	...	...	...
Do	Nov. 7	66,750	10	...	...	...	...	...	...	...	...	...	...
Winnipeg	Nov. 14	118,000	31	...	...	...	...	...	...	...	...	...	...
Yokohama	Oct. 26	378,884	...	...	...	...	...	...	4	...	...	...	...
Zurich	Nov. 7	180,000	53	12	...	...	...	...	...	...	1	...	3

By authority of the Secretary of the Treasury:

WALTER WYMAN,

Surgeon-General,

United States Public Health and Marine-Hospital Service.