

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.—Plague rats found at San Francisco and Oakland.

Passed Assistant Surgeon Blue reports, October 28, 29, and 31 and November 4:

SAN FRANCISCO, CAL.

Week ended October 31.

A plague-infected rat (*Mus rattus*) was found October 23, 1908, in Second street, between Brannan and Townsend streets.

Date of last case of plague.....	Sickened, January 30, 1908
Sick inspected	9
Dead inspected.....	119
Necropsies held	5
Premises inspected	15, 014
Houses disinfected	103
Houses destroyed	1
Buildings condemned.....	11
Nuisances abated.....	1, 445
Rats found dead.....	144
Rats trapped.....	3, 041
Total rats taken	3, 185
Rats identified:	
<i>Mus norvegicus</i>	1, 927
<i>Mus rattus</i>	63
<i>Mus musculus</i>	1, 088
Total	3, 078
Rats examined bacteriologically	1, 792
Rat infected with bacillus pestis.....	1
Poisons placed	131, 526

OAKLAND, CAL.

Week ended October 24.

Dead inspected.....	22
Rats trapped.....	221
Rats examined bacteriologically.....	201

Week ended October 31.

A plague-infected rat was found October 30 in Webster street (Chinatown), Oakland.

Dead inspected.....	25
Rats trapped.....	183
Rats examined bacteriologically.....	149
Rat infected with bacillus pestis.....	1
Mice trapped.....	13
Mice examined bacteriologically.....	13

POINT RICHMOND, CAL.

Week ended October 24.

Dead inspected.....	3
Premises inspected.....	519
Nuisances abated.....	28
Rats found dead.....	15
Rats trapped.....	37
Poisons placed.....	22, 600

ALAMEDA COUNTY, CAL.

Week ended October 24.

Sick inspected.....	13
Dead inspected.....	55

Week ended October 31.

Sick inspected.....	10
Dead inspected.....	53
Necropsies held.....	1

CONTRA COSTA COUNTY, CAL.

Week ended October 24.

Squirrels caught.....	96
Squirrels examined bacteriologically.....	96
Rats trapped.....	9
Rats examined bacteriologically.....	9

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

Passed Assistant Surgeon Stimson, Plague Laboratory, reports, October 27:

Animals examined in the laboratory from October 19 to 25, inclusive:

Squirrels.....	191
Gray rats.....	235
Black rats.....	26
Gambel pocket mouse.....	27

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

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

Passed Assistant Surgeon Glover reports November 2:

SEATTLE, WASH.

Week ended October 31.

Date of finding of last plague rat, September 26, 1908.

Rats received	1,310
Rats necropsied	1,180
Plague-infected rats to date	21
Vessels inspected	12
Vessel fumigated	1

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

CONNECTICUT—*Stamford*.—Month of October, 1908. Estimated population, 22,000. Number of deaths not reported. Cases: Enteric fever 1, scarlet fever 2, tuberculosis 2.

FLORIDA.—Reports from the state board of health for the week ended October 31, 1908, show as follows: Enteric fever—*Tampa*, 1 case. Tuberculosis—*Jacksonville*, *Lake City*, and *Ocala*, each 1 case. Diphtheria—*Bradentown*, 3; *Jacksonville*, and *Tampa*, each 2 cases; *Ybor City*, *Pensacola*, *Palmetto*, and *Arcadia*, each 1 case.

Pensacola.—Month of October, 1908. Estimated population, 30,000. Total number of deaths, 28, including enteric fever 2 and 1 from tuberculosis.

INDIANA—*Muncie*.—Month ended November 4, 1908. Estimated population, 34,036. Total number of deaths, 18, including 4 from tuberculosis. Cases: Enteric fever 6, scarlet fever 13, diphtheria 3, tuberculosis 3.

IOWA—*Cedar Rapids*.—Month of October, 1908. Estimated population, 30,000. Total number of deaths, 34, including enteric fever 2 and 1 from tuberculosis. Cases: Scarlet fever, 4.

KENTUCKY—*Henderson*.—Four months ended October 31, 1908. Estimated population, 17,500. Total number of deaths, 75, including enteric fever 2 and 4 from tuberculosis. Cases: Enteric fever 17, scarlet fever 3, measles 1, whooping cough 6, and 5 from tuberculosis.

NEW HAMPSHIRE—*Concord*.—Month of October, 1908. Estimated population, 20,000. Total number of deaths, 33, including 3 from tuberculosis. Cases: Enteric fever 3, diphtheria 4, and tuberculosis 3.

Franklin.—Month of October, 1908. Estimated population, 7,200. Total number of deaths, 9, including 1 from tuberculosis. Cases: Tuberculosis 1 and enteric fever 1.

WEST VIRGINIA—*Charleston*.—Month of October, 1908. Estimated population, 26,000. Total number of deaths, 17, including enteric fever 1, diphtheria 11, and 1 from tuberculosis. Cases: Diphtheria 9, scarlet fever 3, enteric fever 7, and tuberculosis 1.

Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, June 27 to November 13, 1908.

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

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

Place.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Huntsville	Jan. 5-June 18	95		And vicinity.
Mobile	June 7-Aug. 29	10		
Total for State		95		
Arkansas:				
Texarkana	Dec. 1-June 15			Present.
California:				
Angel Island Quarantine Station.	Jan. 1-May 18			5 additional cases. Report received out of date.
Berkeley	Sept. 17-Oct. 17	4		
Los Angeles	June 7-July 4	6		
Oakland	Apr. 1-Sept. 30	18		July 13, 1 case on schr. Alumna. Report for June not received.
Sacramento	May 1-Aug. 31	6		Reported out of date. June 1-13, mainly on Pala Indian Reservation.
San Bernardino	Dec. 11-July 11	54		
San Diego County	June 1-Aug. 8	98		
Escondido	June 1-Aug. 8	15		
San Diego	June 1-Sept. 30	31		
San Francisco	June 6-Oct. 31	91	1	
Stockton	July 1-31	1		
Total for State		324	1	
Colorado:				
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		
Delaware:				
Reedy Island Quarantine Station.	Aug. 9	1		From steamship Haverford.
Total for State		1		
District of Columbia:				
Washington	June 14-Oct. 31	17		
Total for District		17		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Florida:				
Jacksonville	Oct. 4-10.....	1		
Tampa	Oct. 4-12.....	1		
Total for State.....		2		
Idaho:				
Carey.....	May 21-Aug. 4....	21		
Total for State.....		21		
Illinois:				
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		
Efingham County.....	May 1-31.....	1		
Iroquois County.....	May 1-31.....	3		
Jo Daviess County.....	May 1-31.....	1		
Kane County.....	May 1-31.....	37		
Macon County.....	May 1-31.....	5		
Macoupin County.....	May 1-31.....	5		
Marshall County.....	May 1-31.....	9		
McLean County.....	May 1-31.....	5		
Mercer County.....	May 1-31.....	1		
Montgomery County.....	May 1-31.....	7		
Morgan County.....	May 1-31.....	20		
Jacksonville.....	June 1-30.....	10		
Peoria County.....	May 1-31.....	12		
Saline County.....	May 1-31.....	5		
Sangamon County—				
Springfield.....	June 19-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		
Indiana:				
Allen County.....	Apr. 1-June 30....	4		
Fort Wayne.....	June 21-Oct. 24...	7		
Bartholomew County.....	Apr. 1-30.....	1		
Boone County.....	Apr. 1-June 30....	4		
Carroll County.....	May 1-June 30....	67	1	
Clark County.....	Apr. 1-July 31....	39		
Jeffersonville.....	June 1-July 31....	25	1	
Clay County.....	Aug. 1-31.....	8		
Decatur County.....	Aug. 1-31.....	2		
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. 25-31.....	3		
Floyd County.....	June 1-30.....	1		
Fountain County.....	June 1-30.....	4		
Fulton County.....	Apr. 1-30.....	19		
Grant County.....	Apr. 1-June 30....	55		
Hendricks County.....	Apr. 1-30.....	1		
Howard County.....	Apr. 1-30.....	15		
Huntington County.....	Apr. 1-30.....	38		
Jackson County.....	Apr. 1-June 30....	4		
Jefferson County.....	June 1-30.....	6		
Johnson County.....	Apr. 1-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.....	15		
Noble County.....	Apr. 1-June 30....	1		
Orange County.....	Apr. 1-30.....	1		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Indiana—Continued.				
Owen County	Apr. 1-30	4		
Park County	June 1-30	1		
Porter County	June 1-30	1		
St. Joseph County	June 1-July 31	11		
South Bend	June 29-Sept. 26	18		
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. 2	14		
Tipton County	Apr. 1-30	1		
Vanderburg County	June 1-30	1		
Wabash County	Apr. 1-30	14		
Warriek County	Apr. 1-30	1		
Wayne County	Apr. 1-30	15		
Wells County	Apr. 1-30	1		
Vigo County	May 1-June 30	12		
Terre Haute	Nov. 1-7	1		
Total for State		733	4	
Iowa, general				
Burlington	Jan. 1-June 30	2,092		
Cedar Rapids	July 15	1		
Davenport	June 1-July 1	4		
Keokuk	June 2-Oct. 31	4		
Sioux City	June 1-30	1		
Sioux City	June 1-Aug. 31	6		
Total for State		2,110		
Kansas:				
Allen County	Apr. 1-Aug. 30	28		
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-Aug. 30	11		
Cherokee County	Apr. 1-June 30	14		
Cheyenne County	Apr. 1-30	2		
Clay County	May 1-31	2		
Cloud County	May 1-June 30	2		
Crawford County	Apr. 1-June 30	6		
Pittsburg	Apr. 1-30	8		
Decatur County	June 1-30	4		
Dickinson County	July 1-31	2		
Doniphan County	Apr. 1-30	3		
Douglas County	Apr. 1-Aug. 30	37		
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-Aug. 30	42		
Jefferson County	Apr. 1-June 30	11		
Jewell County	May 1-31	8		
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-Aug. 30	7		
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		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Kansas—Continued.				
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. 1–30.....	11		
Sedgewick County.....	Apr. 1–June 30.....	28		
Wichita.....	July 12–Oct. 17.....	3		
Seward County.....	May 1–June 30.....	21		
Shawnee County.....	Apr. 1–July 31.....	34		
Topeka.....	June 7–Oct. 24.....	19		
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–Aug. 31.....	19		
Wyandotte County.....	May 1–31.....	7		
Kansas City.....	June 8–Oct. 24.....	7		
Total for State.....		1,024		
Kentucky:				
Covington.....	June 21–Nov. 7.....	8		
Lexington.....	July 12–Oct. 24.....	4		
Total for State.....		12		
Louisiana:				
New Orleans.....	June 14–July 25.....	20	1	
Total for State.....		20	1	
Maine:				
Aroostook County.....	Sept. 1–30.....	1		
Fort Kent.....	Oct. 15.....			Present.
Grant Isle.....	Oct. 15.....			Do.
Cyr Plantation.....	Oct. 15.....	8		Vicinity of Van Buren.
Van Buren.....	Sept. 1–30.....	6		
Total for State.....		15		
Maryland:				
Baltimore.....	July 5–11.....	1		
Total for State.....		1		
Massachusetts, general.....				
Lawrence.....	May 1–31.....	1		
	Sept. 13–Oct. 3.....	1	1	
Total for State.....		2	1	
Michigan:				
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		
Gratiot 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		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Michigan—Continued.				
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		
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	
Minnesota:				
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. 8.....	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-Sept. 30.....	34		
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 29-Sept. 6.....	4		
Martin County.....	Apr. 28-June 15.....	5		
Meeker County.....	Apr. 28-July 20.....	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		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Minnesota—Continued.				
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-July 31.....	167		
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 13.....	2		
Wright County.....	Apr. 29-Aug. 11.....	50		
Yellow Medicine County.....	May 4-Aug. 11.....	16		
Total for State.....		1,778		
Missouri:				
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.....		106		
Montana:				
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-Oct. 27.....	8		
Teton County.....	July 1-31.....	2		
Valley County.....	May 1-31.....	4		
Total for State.....		261		
Nebraska:				
Friend.....	Apr. 13-June 18.....	13		
Lincoln.....	Mar. 1-May 31.....	22		
South Omaha.....	June 7-13.....	1		
Total for State.....		36		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
New Jersey:				
Fort Hancock	July 30	1		
Total for State		1		
New York, general	May 1-Aug. 31	114		
New York	June 14-Oct. 17	3	1	
Niagara Falls	June 14-20	1		
Schenectady	June 1-30	2		
Total for State		120	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		
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-June 30	47		
McDowell County	Aug. 1-31	1		
Mecklenburg County—				
Charlotte	June 14-Aug. 15	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		266		
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. 6	20		
Conneaut	Sept. 1-30	5		And vicinity.
Dayton	June 14-Oct. 10	18		
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		286		
Oregon:				
Portland	Apr. 1-Aug. 31	181		
Total for State		181		
Pennsylvania:				
Philadelphia	Aug. 30-Sept. 4	1		
Total for State		1		
Rhode Island:				
Pawtucket	June 12-29	1		
Total for State		1		
South Carolina:				
General	Jan. 1-June 30	170	1	
Total for State		170	1	
Tennessee:				
Knoxville	June 21-July 25	2		
Livingston	June 13-Apr. 11	9	1	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Tennessee—Continued.				
Mechanicsburg.....	Sept. 16.....	1		Imported.
Nashville.....	June 14-Oct. 31...	8		
Sale Creek.....	Sept. 9-Nov. 4.....	30		
Total for State.....		45	1	
Texas:				
Euclinal.....	Oct. 22.....			Present.
Port Worth.....	May 1-31.....	9		
San Antonio.....	June 14-Oct. 10...	11		
Total for State.....		20		
Utah:				
Cache County.....	May 1-31.....	2		
Carbon County.....	June 1-30.....	1		
Davis County.....	May 1-Sept. 30....	4		
Salt Lake County—				
Salt Lake City.....	May 1-Sept. 30....	47		
Uinta County.....	July 1-31.....	1	1	
Utah County.....	May 1-Aug. 31.....	20		
Weber County.....	May 1-June 30....	21		
Total for State.....		96	1	
Vermont:				
Whiting.....	May 5.....	1		
Total for State.....		1		
Virginia:				
Alexandria.....	June 25-27.....	13		
Waynesboro.....	June 1-July 31....	20		
Total for State.....		33		
Washington:				
Seattle.....	May 1-Sept. 30....	40		
Spokane.....	June 7-Oct. 31....	74		
Tacoma.....	June 8-Oct. 25....	5		
Total for State.....		119		
West Virginia:				
Charleston.....	Aug. 1-31.....	2		
Moundsville.....	June 17-July 2....	1		
Total for State.....		3		
Wisconsin:				
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-Oct. 24....	29		
Manitowoc County.....	Apr. 1-June 30....	27		
Manitowoc.....	Aug. 2-Oct. 31....	3		
Marathon County.....	Apr. 1-June 30....	10		
Marquette County.....	Apr. 1-June 30....	23		
Milwaukee County.....	Apr. 1-June 30....	9		
Milwaukee.....	June 14-Oct. 3....	27	1	
Monroe County.....	Apr. 1-June 30....	4		
Oconto County.....	Apr. 1-June 30....	5		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Wisconsin—Continued.				
Ontagamie 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.....		627	2	
Grand total, United States.....		9,614	15	

Plague in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, July 15–November 13, 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	.....

[For smallpox and plague, see special tables.]

Cities.	Week ended—	Population, United States census, 1900.	Total deaths from all causes	Tuberculosis.		Enteric fever.		Scarlet fever.		Diphtheria.		Measles.		Whooping cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Altoona, Pa.	Oct. 31	38,973	17		3		2	2				1			
Ann Arbor, Mich.	Oct. 24	14,509	5	1				1							
Auburn, N. Y.	Oct. 3	30,345	7			2						1			
Do.	Oct. 10	30,345	9	1	1		1							1	
Do.	Oct. 17	30,345	13	1	1	1				2				1	
Do.	Oct. 24	30,345	9	1	1	3				1					
Augusta, Ga.	Oct. 27	39,441	18	2	4	5	1	1		1					
Baltimore, Md.	Oct. 31	508,957	158	9	20	26	9	15		21	2	4		3	
Bath, Me.	Oct. 24	10,477						2							
Berkeley, Cal.	Oct. 17	13,214	6	1				1							
Biddeford, Me.	Oct. 31	16,145	3					1							
Binghamton, N. Y.	Oct. 24	38,647	16		1		2								
Boston, Mass.	Oct. 31	560,892	232	63	20	27	3	61	1	115	6	32		6	2
Braddock, Pa.	Oct. 24	15,654	6		1			1		1					
Do.	Oct. 31	15,654	5					3							
Brockton, Mass.	Oct. 24	40,063	10	2	2		1								
Butte, Mont.	Oct. 20	30,470	9	1	3		1	7	1	1					
Camden, N. J.	Oct. 31	75,935	31	1				3		5	1				
Carbondale, Pa.	Oct. 24	13,536	6			3		1		8					
Charlotte, N. C.	Oct. 30	13,091	10		1	4				1					
Chicago, Ill.	Oct. 31	1,698,575	541	72	64	87	6	177	14	214	15	22		7	2
Chicopee, Mass.	do.	19,167	14					1		2					
Cleveland, Ohio.	Oct. 30	381,789	123	27	12	18	4	22	1	35	3	5		5	
Clinton, Mass.	Oct. 31	13,667	3	1	1										
Columbus, Ga.	Oct. 24	17,614	4												
Do.	Oct. 31	17,614	4												
Danville, Ill.	Oct. 25	16,534	6		1			5		8					
Dayton, Ohio	Oct. 24	85,333	27		5		2			1		1			
Detroit, Mich.	Oct. 31	285,704	120					9	1	18	1				
Dunkirk, N. Y.	Oct. 24	11,616	3					1						1	
Elmira, N. Y.	do.	35,672	11		2	3									
Erie, Pa.	do.	52,738	14	4	1	5		12		3	1				
Evansville, Ind.	Oct. 31	59,007	16		3		1			10					
Everett, Mass.	Oct. 24	24,336	6					2		1	1	2			
Fall River, Mass.	Oct. 31	104,863	35	2	2	1		2		3				3	
Findlay, Ohio	do.	17,613	4	1	1			1							
Fort Wayne, Ind.	Oct. 24	45,115	7	1	1	5									
Galesburg, Ill.	do.	18,607	5					3		5	1				
Galveston, Tex.	Oct. 23	37,789	20	1	3	4	1								
Glens Falls, N. Y.	Oct. 31	13,543	5	1	1	1									
Grand Rapids, Mich.	Oct. 24	87,565	30	1	3	6	3	5		1					
Greensboro, N. C.	Oct. 31	10,035	5		2	2		2							
Harrison, N. J.	do.	10,596	1												
Haverhill, Mass.	do.	37,175	11	5	1	3	1			2					
Hoboken, N. J.	Oct. 30	59,364						2		5					
Indianapolis, Ind.	Oct. 25	169,164	60	1	7	22	5	1		66	1	2	2		
Jersey City, N. J.	do.	206,433	77	6	1	1		24	2	17	1	1		1	
Johnstown, Pa.	Oct. 31	35,986	9			3	2			11	1				
Kalamazoo, Mich.	Oct. 24	24,404	9			4				2					
Kansas City, Kans.	do.	51,418	22		1			7		3		1		1	
Do.	Oct. 31	51,418	14					4		2				1	
Kearny, N. J.	Oct. 24	10,896	2							3					
Kingston, N. Y.	do.	24,535	9		1						2				
Knoxville, Tenn.	do.	32,637								3					
La Crosse, Wis.	do.	28,895	5			3				1					
Lafayette, Ind.	Oct. 26	18,116	8		1					3	1				
Lancaster, Pa.	Oct. 24	41,459	9												
Lawrence, Mass.	do.	62,559	15	5	2	4	1	1		8	3				
Lexington, Ky.	do.	26,369	11		2		1			8	1				
Los Angeles, Cal.	do.	102,479	70	6	17	3	3	4		5	1				
Lowell, Mass.	Oct. 31	94,969	30	4	6	4	3	4		5		1			
Lynn, Mass.	Oct. 24	68,513	20		1	6		3		11					
Malden, Mass.	do.	33,664	16	1	3	1		4		10	1				
Manchester, N. H.	do.	56,987	23	4	4	1				11	1				
Manitowoc, Wis.	do.	11,786	1							3					
Marlboro, Mass.	do.	13,609	1							2					
Medford, Mass.	Oct. 31	18,244			1			1		5					
Milwaukee, Wis.	Oct. 24	285,315	71	19	6	9	4	26		9		3		4	
Mobile, Ala.	do.	38,469	14	3	1					3					
Montgomery, Ala.	Oct. 30	30,346	18												
Moline, Ill.	Oct. 18	17,248	7												
Do.	Oct. 25	17,248	4		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.
Mt. Vernon, N. Y.	Oct. 31	21,228	4	1	....	1	....					3	....	
New Bedford, Mass.	do	68,442	20	2	3	1	1	1	....	2	....	1	....	
Newburyport, Mass.	do	14,478	5	1	....					3	....			
New Orleans, La.	Oct. 24	278,104	136	17	18	18	5	20	....	18	3				
Newton, Mass.	Oct. 31	38,587	12					2	....	6	....			
New York, N. Y.	do	3,437,202	1,166	431	134	85	19	162	6	321	21	145	3	26	4
Niagara Falls, N. Y.	Oct. 24	19,457	12							2	2				
Norristown, Pa.	Oct. 31	22,265	11	1	2	2									
North Adams, Mass.	do	24,200	6		1	1				3					
Northampton, Mass.	do	18,643	2	1	....			1	....	1					
Orange, N. J.	do	24,141	6	3	2										
Ottumwa, Iowa.	do	18,197	13				1	2		2					
Palmer, Mass.	do	7,801	3							1					
Pittsburg, Pa.	Oct. 3	321,616	133	12	10	15	4	27	2	17	2	8		3	1
Do	Oct. 10	321,616	162	19	14	22		27	3	22	1	8		7	1
Do	Oct. 17	321,616	151	45	7	21	2	50	3	18	4	6	1	1	
Do	Oct. 24	321,616	160	47	8	18	5	51	1	32	2	19		2	
Portland, Me.	Oct. 17	50,145	19		1	2		3		4					
Do	Oct. 24	50,145	18		2	4		6		4					
Portsmouth, N. H.	Oct. 31	10,637	4		1					2					
Portsmouth, Va.	Oct. 27	17,427	8					1		3					
Providence, R. I.	Oct. 31	175,597	56	27	6	3		3		29				1	
Racine, Wis.	do	29,102	5							1					
Reading, Pa.	Oct. 26	78,961	20	1		11		13	1	9	1			4	
Do	Nov. 2	78,961	20			10	1	14		5	1				
Richmond, Va.	Oct. 24	86,050	29	9	4	10	1			11					1
Rockford, Ill.	do	31,051								2					
San Antonio, Tex.	Oct. 17	53,321	1			6	1			8					
Do	Oct. 24	53,321	1							2					
Saginaw, Mich.	do	42,345	14	1	1	1				1					
St. Joseph, Mo.	do	102,979	12		2			1		1	1				
St. Louis, Mo.	do	576,238	206	48	16	15	3	12	1	72	5	3		4	
Scranton, Pa.	do	102,026	28		2	1		10	1	11					
Somerville, Mass.	Oct. 31	61,643	22	4	1	1		3		6				2	1
South Bend, Ind.	Oct. 24	35,999	10	1	1	2	2			1	1			1	1
South Omaha, Nebr.	Oct. 17	26,001	2							1					
Spokane, Wash.	Oct. 24	38,848	23			2	4	4		6	1	1			
Springfield, Ohio	do	38,253	7	1	1	1									
Springfield, Mass.	do	62,069	18			1	1	8		18	1				
Steelton, Pa.	Oct. 31	12,068	1					3							
Tacoma, Wash.	Oct. 18	37,714	18			7	1	3	1						2
Terre Haute, Ind.	Oct. 31	36,673	8		2	1		1		2					
Titusville, Pa.	do	8,244	1			1		1							
Toledo, Ohio	Oct. 17	131,822	55		1	8	1	2		8	1				
Do	Oct. 24	131,822	47		6	2				13	2				
Trenton, N. J.	Oct. 31	73,307		3		3				2					
Waltham, Mass.	do	23,481	4					5		6		1			
Warren, Ohio	Oct. 24	8,529	3			1		1		1	1				
Warren, Pa.	Oct. 8	8,043	4			2									
Do	Oct. 15	8,043	3			1									
Do	Oct. 22	8,043	3			3									
Do	Oct. 29	8,043	3			2		2		1					
Washington, D. C.	Oct. 24	278,718	106	37	12	39	2	7	1	19		3		8	1
Wheeling, W. Va.	do	38,878	6			1		1		10					
Wilkes-Barre, Pa.	Oct. 23	51,721	22			5	1			25		1		1	
Wilkinsburg, Pa.	Oct. 28	13,000	6	3	1	1		1							
Williamsport, Pa.	Oct. 24	28,757	7				1	3		4				2	
Wilmington, Del.	Oct. 31	76,508	34		2						2				
Woburn, Mass.	do	14,254	4	1						2					
Worcester, Mass.	Oct. 24	118,421	38	3	4	2		10		14	1			10	
York, Pa.	do	33,708	8		1	1		2							

FOREIGN AND INSULAR.

Medical inspection at fruit ports in Central America discontinued.

With the closure of the season of close quarantine, October 31, the acting assistant surgeons on duty at the consulates at fruit ports of Central America were withdrawn on that date.

CURRENT QUARANTINE MEASURES.

[From the Veröffentlichungen des Kaiserlichen Gesundheitsamtes, Berlin, October 21, 1908.]

CHOLERA.

ALGERIA.—September 30. The extension of cholera in Russia demands that rigorous measures be taken at Algerian ports to prevent importation. Every vessel arriving from Russia, directly or indirectly, shall be subject to medical visit, and if a passenger lands he shall receive a sanitary card for surveillance during a period of five days. Pilots are instructed to avoid contact with a vessel on which a case of any disease whatever has been signaled by the captain. Such a vessel shall not be admitted to port until after medical visit, and if the patient has been attacked with intestinal symptoms the vessel shall not be admitted until after disinfection and the application of the measures prescribed by the regulations. The potable water shall be renewed before admission to free pratique, and no used material shall be emptied in the port, as it has been demonstrated that cholera germs may persist for a long time in sea water.

AUSTRIA.—All arrivals from Russia are subject to five days' observation, their freedom of movement not to be in any way restricted.

EGYPT.—October 5 and 9. Cholera regulations in force against arrivals from Rustchuk, Kherson, Cronstadt, and Sebastopol.

GERMAN EMPIRE.—September 28. The federated governments were notified by circular issued by the imperial department of the interior to enforce the law of June 30 against contagious diseases for all persons arriving from cholera-infected localities of Russia, especially those from St. Petersburg. The law requires telegraphic notification and five days' medical observation. Close observation was required September 24 of all communication with Russia by means of traveling workmen and harvesters.

NORWAY.—October 8. The government of Jenisseisk and European Russia declared cholera infected; of the ports on the White Sea, only Archangel.

RUSSIA.—October 10. City and district of Riga declared cholera-infected; also the governments of Kovno, Livland, and Jelissawetpol.

STRAITS SETTLEMENTS.—September 7. Patalung, on the east coast of the Malayan peninsula, declared cholera-infected.

SWEDEN.—October 12. The government of Livland declared cholera-infected. The islands of Kånsö, near Gothenburg, and Jejan, near Stockholm, are designated as quarantine and observation stations; also Hålsingborg, Västtra, and Håstholmen, in the district of Kostroma; Slite, in Gottland; Arkö, in the district of East Gottland; Juniskären, near Sundsvall, and to October 17 Haron, in the district of Stockholm.

TURKEY.—September 29. Arrivals from the littoral between Batoom and Odessa, both places included, subject to five days' detention with disinfection. Persons from the region named are subject to five days' medical oversight at their places of destination. Pilgrim and other vessels from Russian ports of the Black Sea carrying more than one passenger per every 100 tons net, registered, shall be subject to special measures at the lazaretto of Sinope. Such vessels may, after compliance with said measures, pass the Straits of the Bosphorus and the Dardenelles in quarantine, in order to repair to the lazaretto of Abou-Saad (Jiddah). They are free to take provisions, water, and coal; also to embark other pilgrims, either at the lazaretto of Monastir-Aghzy (Kavak), Klazomena (Smyrna), or Beirut, under strict medical supervision. Emigrant vessels from ports of the Black Sea shall be subject to the same requirements as pilgrim vessels.

PLAGUE.

EGYPT.—October 3 and 6. Plague regulations against arrivals from Beirut and from the Arabian coast of the Red Sea, and from the port of Akaba to the port of Yemen, declared not in force.

TURKEY.—October 6. The strict medical oversight of arrivals from Beirut, previously ordered, discontinued.

ALGERIA.

Deratization at Algiers.

The following is taken from the *Bulletin Bimensuelle*, Algiers, October 16:

October 1 to 15: Rodents taken by the maritime sanitary service, 419; examined by the laboratory of health, 40; result negative. Classification of rats: *Mus norvegicus*, 337; *rattus*, 36; *alexandrinus*, 4; *musculus*, 42.

BARBADOS.

Report from Bridgetown—Inspection and fumigation of vessels—Case of smallpox from steamship Castillian Prince from Rio de Janeiro.

Acting Assistant Surgeon Urquhart reports, October 24:

Week ended October 24. Vessels inspected, 10; number fumigated, 3; total number of passengers, 23; members of crews, 350.

During the week 1 case of smallpox was removed from the steamship *Castillian Prince*, bound from Rio de Janeiro via Victoria to New Orleans. The case was taken to the quarantine station. The fore-castle and the other living compartments, and saloon were disinfected, and those of the crew who could not show a good scar were vaccinated by the port health officer. No quarantinable diseases were reported for the week for the port or island other than the case of smallpox mentioned.

BRITISH HONDURAS.

Report from Belize, fruit port.

Acting Assistant Surgeon Mengis reports:

Week ended October 29. Present officially estimated population, 10,000. General sanitary condition of this port and the surrounding country during the week, very good.

Bills of health issued to the following-named vessel:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit
Oct. 23	Ellis	New Orleans	36	2	4

COSTA RICA.

Reports from Limon, fruit port—Anopheles and Stegomyia calopus present.

Acting Assistant Surgeon Goodman reports:

Week ended October 24. Estimated population, 6,000. General sanitary condition of this port and the surrounding country during the week, good. *Anopheles* and *Stegomyia calopus* are present, but in no great numbers.

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. 19	Sarnia	New York	54	77	18
19	Taunton	New Orleans, via Bocas	21	(a)	0
21	Parismina	New Orleans, via Puerto Barrios.	84	47	51
23	Chirripo	New York	52	0	0
24	Corinto	New Orleans, via Bocas	24	(b)	0

a 4 for Bocas.

b 9 for Bocas.

Three bills of health for Panamanian ports were viséed; certificates were issued to 33 passengers bound for Colon.

CUBA.

Report from Cienfuegos—Inspection and fumigation of vessels.

Acting Assistant Surgeon Suarez reports, October 26:

Week ended October 24.

Vessels inspected and fumigated	2
Bills of health issued	2
Members of crews inspected	82

No quarantinable disease was reported during the week.

Report from Habana—Inspection and fumigation of vessels—House and water-deposit inspection—Stegomyia calopus present.

Passed Assistant Surgeon Amesse reports, November 2:

Week ended October 31.

Vessels inspected.....	8
Bills of health issued	14
Members of crews of outgoing vessels inspected.....	749
Passengers of outgoing vessels inspected.....	406
Vessels fumigated prior to sailing.....	1

The case of yellow fever from the steamship *Monterey*, under treatment at Las Animas Hospital for the past 2 weeks, was discharged recovered October 31.

The city health department reports 12,352 house-inspections, with 65 deposits of water containing mosquito larvæ. Of these collections, 44 contained larvæ of the *Stegomyia calopus*.¹

Report from Matanzas—Inspection of vessels—Summary, October, 1908.

Acting Assistant Surgeon Nuñez reports, November 2:

Week ended October 31. Bills of health granted to 3 vessels clearing for United States ports in good sanitary condition. No quarantinable diseases reported in this district.

Summary, October, 1908.—During the month of October, 1908, bills of health were issued to 12 vessels leaving for United States ports, having an aggregate number of 375 members of crews, and 20 passengers in transit for several Cuban ports; 2 vessels clearing for Southern ports in the United States direct were fumigated; and 14 certificates of non-exposure to yellow fever infection granted to passengers destined for the United States via Habana. No quarantinable diseases reported within this province during the month.

The total number of deaths from all causes during the month was 62, which corresponds to an annual rate of mortality of 20.94 per mille.

Report from Santiago—Inspection of vessels.

Acting Assistant Surgeon Infante reports, October 26:

Week ended October 24. Bills of health issued to 3 vessels bound for the United States. No vessel was fumigated.

No quarantinable disease reported during this week.

GERMANY.

Report from Berlin—Status of cholera in Russia.

The following is received from Consul-General Thackara, under date of October 27:

The total number of cases of cholera registered in the Russian Empire during the week ended October 10 was 2,210, with 1,082 deaths, according to the latest bulletin published by the imperial health office in this city. Since the outbreak of the present epidemic in Russia, the total number of cases of cholera recorded in the Empire up to October 10 was 22,295, with 10,252 deaths.

GREAT BRITAIN.

Plague at Liverpool; imported.

The following is received from the Department of State under date of November 10:

American consul at Liverpool, England, reports the occurrence of 3 cases of plague, 2 fatal; all from same vessel. All precautions taken.

HAWAII.

Reports from Honolulu—Case of leprosy on steamship China from oriental ports.

Chief Quarantine Officer Cofer reports, October 10:

A steerage passenger, nativity Germany, suffering from leprosy, was removed from the steamship *China*, arriving here from oriental ports on October 16.

Examination of rats at Honolulu for plague infection.

Passed Assistant Surgeon Currie, Plague Laboratory, reports, October 10, through Chief Quarantine Officer Cofer:

Week ended October 10.

Rats taken in Honolulu.....	1, 116
Trapped.....	650
Found dead.....	1
Shot from trees.....	465
Examined bacteriologically.....	936
Showing plague infection.....	0

CLASSIFICATION OF RATS SHOT FROM TREES.

<i>Mus alexandrinus</i>	237
<i>Mus rattus</i>	159
Total classified.....	396

CLASSIFICATION OF RATS TRAPPED.

<i>Mus rattus</i>	138
<i>Mus norvegicus</i>	54
<i>Mus alexandrinus</i>	93
<i>Mus musculus</i>	363
Total classified.....	648
Average number of traps set daily.....	1, 438

HONDURAS.

Report from Ceiba, fruit port—Stegomyia calopus and Anopheles abundant.

Acting Assistant Surgeon Jumel reports:

Week ended October 27. Present officially estimated population, 6,500. General sanitary condition of this port and the surrounding country during the week, bad.

Stegomyia calopus and *Anopheles* abundant.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
Oct. 24	Rosina.....	34	0	0	0
26	Bodo.....	16	0	0	0
26	Viator.....	17	0	0	0
26	Marietta di Giorgio.....	21	0	0	0

NOTE.—All of the above-named vessels were fumigated with sulphur.

Reports from Puerto Cortez, fruit port—Stegomyia calopus and Anopheles present.

Acting Assistant Surgeon Ames reports:

Week ended October 24. Present officially estimated population, about 2,400. General sanitary condition of this port and the surrounding country, excellent. *Stegomyia calopus* and *Anopheles* present.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
Oct. 21	Ellis.....	New Orleans.....	38	1	0
21	Utstein.....	Mobile.....	15	5	0
23	Bodo.....	Mobile.....	16	0	0

Temperature taken of all persons on above-named vessels on day of sailing; normal.

Five days ended October 29. General sanitary condition of this port and the surrounding country, excellent. *Stegomyia calopus* and *Anopheles* present.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
Oct. 26	Helen.....	Mobile.....	22	9	0
29	Preston.....	New Orleans.....	35	2	0
29	Mercator.....	do.....	17	4	0

Temperature taken of all persons on above-named vessels on day of sailing.

Report from Tela, fruit port.

Acting Assistant Surgeon Roe reports:

Week ended October 24. Present officially estimated population, about 1,250. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
Oct. 18	John Wilson.....	New Orleans.....	18	0	0
18	Colombia.....	Mobile	20	0	0

ITALY.

Report from Naples—Inspection of vessels—Examination of emigrants—Smallpox in Naples—Smallpox in Italy.

Assistant Surgeon Wollenberg reports, October 19.
Week ended October 17.

Vessels inspected at Naples and Palermo.

NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfectd.
Oct. 13	Nord America.....	New York	507	60	450
16	Königin Luise.....	do	265	70	380
16	San Giorgio	do	170	30	220
16	Mongibello.....	Boston .....	.....	.....	.....
17	Cretic	New York	403	110	620
	Total	1,345	270	1,670

PALERMO.

Oct. 17	San Giorgio	New York	157	216	85
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Rejections recommended.

NAPLES.

Date.	Name of ship.	Tra-choma.	Favus.	Sus-pected tra-choma.	Sus-pected favus.	Measles.	Small-pox.	Other causes.	Total.
Oct. 13	Nord America.....	39	2	13	1	.....	.....	1	56
16	Königin Luise.....	10	3	4	.....	.....	.....	3	20
16	San Giorgio	3	1	2	.....	.....	1	2	9
16	Mongibello.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Cretic	16	1	7	1	4	29
	Total	68	7	26	1	1	1	10	114

PALERMO.

Oct. 17	San Giorgio	5	4	1	10
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Smallpox in Naples.—During the week ended October 18, 3 cases of smallpox were reported in the city of Naples. One of these was discovered at the examination of steerage passengers previous to embar-

kation, October 16. The patient was sent to the Cotugno hospital for contagious diseases. The lodging house at which the patient had been located was ordered by the provincial physician to be disinfected, and the other occupants and those of the adjoining houses to be vaccinated. These measures were promptly carried out.

Smallpox in Italy.

Week ended October 11. Cases: Castelfranco (Bologna), 2; Palombara (Rome), 9; Naples, 3; Foggia, 13; Montemilone, 1; Genzano (Potenza), 1; Carida, 1; Maropati, 2; Radueno, 3; Giffone (Reggio Calabria), 1; Palermo, 2.

Week ended October 18. Cases: Naples, 3; San Giovanni a Teduccio, 1; Ponticelli, 1; Melito (Naples), 1; Marsico Nuovo (Potenza), 1; Albidona (Cosenza), 5; Carida, 1; Cinquefrondi, 1; Giffone, 2; Tatri-noli, 1; Maropati (Reggio Calabria), 3.

JAPAN.

Report from Kob.—Inspection of vessels—Examination of emigrants.

Acting Assistant Surgeon Slade reports, October 14.

During the week ended October 10, supplemental bills of health were granted to 4 steamships.

One hundred and eleven members of crews and 210 steerage passengers were inspected. Thirty-one steerage passengers were bathed and disinfected. Their effects were disinfected by steam. The number of pieces of baggage steamed was 74 and of bedding 60. Manifests were viséed for 93,583 pieces of freight, amounting to 8,074 tons.

Emigrants were examined as follows: Steamship *Tosa Maru* for Seattle, passed 14, recommended for rejection, 8; steamship *Manchuria* for Honolulu, passed 12, recommended for rejection, 5. The emigrants passed, together with 5 intending passengers to Victoria by the steamship *Tosa Maru*, were inspected, bathed, and disinfected. Their effects were disinfected before embarkation.

Report from Nagasaki—Status of cholera at Moji and Wakamatsu.

Consul Scidmore reports, September 28:

At Moji, from September 2 to 26, there were 51 cases of cholera with 31 deaths reported.

At Wakamatsu conditions are improved and no new cases of cholera have appeared since September 15, when there were reported 6 cases and 3 deaths. The disease made its first appearance at Wakamatsu August 25.

MEXICO.

Report from Mexico City—Further relative to outbreak of typhus fever.

The following information is received from the American embassy, through the Department of State, under date of November 6:

October 25. During the past week 25 cases of typhus fever were registered in the Federal District. In addition to these, 50 cases were registered in Belem prison. During the preceding week a total of 171

cases was registered, with 75 new cases. The entire force of sanitary inspectors is at work in all portions of the Federal District to prevent the spread of the disease.

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

Acting Assistant Surgeon Harrison reports, October 24:

Period from October 16 to 24: Four steamships received bills of health; one was fumigated. The members of crews numbered 202; passengers from this port, 40.

Several new cases of yellow fever have occurred in Merida, of which cases 2 were in the lazaretto of the hospital and one in a private residence. All the cases originated in or near Merida. The number of foci in the city is 11 or 12. There is a large swamp on the south side of Progreso and extending the whole length of the town. Owing to the frequent and heavy rains of the past several months the swamp is flooded with water that is fresh in many places and only slightly brackish in others.

Report from Tampico—Inspection of vessels.

Acting Assistant Surgeon Stowe reports, October 28:

Week ended October 27.

Vessels inspected and passed.....	3
Bills of health issued.....	3
Members of crews of outgoing vessels inspected.....	92
Passengers of outgoing vessels inspected.....	19

No cases of quarantinable disease were reported during the week.

NICARAGUA.

Report from Bluefields, fruit port—Few Stegomyia calopus present.

Acting Assistant Surgeon Layton reports:

Ten days ended October 31. Present officially estimated population, 2,500. General sanitary condition of this port and the surrounding country during the week, good. Mosquitoes are more numerous; *Stegomyia calopus* are still very scarce.

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. 23	Dictator	New Orleans, La.	19	7	0
30	Imperator	New Orleans, La., via Cape Gra- cias, Nicaragua.	20	13	0

Temperatures of crews and passengers of above-named vessels taken prior to departure; all normal.

PANAMA.

Reports from Bocas del Toro, fruit port.

Acting Assistant Surgeon Osterhout reports:

Week ended October 20. Present officially estimated population, 4,954. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
Oct. 15	Oracabessa	New Orleans	45	3	0	0
16	Origen	Mobile via Colon	25	3	0	0
17	Fort Gaines	Mobile	22	3	0	0
19	Origen	do	25	0	0	0

Week ended October 27. Present officially estimated population, 4,954. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
Oct. 21	Taunton	New Orleans	21	1	0
23	Appomattox	do	45	0	0
24	Fort Morgan	Mobile	26	3	0
25	Harry T. Inge	New Orleans	27	0	0
26	José	New York, via Port Antonio, Jamaica.	29	4	0

PHILIPPINE ISLANDS.

Reports from Manila—Cholera in Manila and the provinces—Cholera on transport Sheridan—Cholera carriers—Inspection of vessels—Quarantine transactions, month of August, 1908.

Chief Quarantine Officer McClintic reports, September 22: Week ended September 19. One hundred and forty-four cases of cholera, with 96 deaths, and 2 cases of smallpox, with 4 deaths, occurred at Manila.

During the past few weeks cholera in Manila has shown a continued increase. The past 5 weeks show cases as follows: 3, 20, 22, 34, 144, a total of 223 cases and 164 deaths for the 5 weeks. The bureau of health is making a determined effort to check the progress of the epidemic. Chemical fire engines are being used as disinfecting machines, and street-sprinkling wagons are supplying disinfectants to the disinfecting parties. A house-to-house inspection is maintained, a much larger number of suspects are being treated, and a larger number of those sick with cholera at home are now being reported. Cases continue to occur in Bilibid prison, the insular penitentiary.

Interest in the cholera situation has been augmented by the finding of human "vibrio carriers." Six or 7 prisoners in the Bilibid prison and about 20 other persons have been found to harbor in their alimentary canal a large number of cholera-like organisms without any apparent ill effects to the host, although a number of cases have been traced and found to have been associated with these carriers before they were taken with the disease. These carriers have been found through the policy instituted by the bureau of health in having, whenever practicable, the stools of contacts, or those who are living in dwellings in which cases of cholera have developed, examined bacteriologically for the cholera vibrio.

In the ponds and pools of water around Manila many varieties of organisms can be found which morphologically resemble the cholera vibrio, but their relation to the organism that actually produces cholera has not been demonstrated. This, in a measure, is true of the cholera-like organisms found in the so-called cholera-vibrio carriers, but the evidence is rather conclusive that they play a significant rôle in the etiology and spread of the disease. It is a well-known fact that even when kept under the most favorable artificial conditions in the laboratory the cholera vibrio is a frail organism, easily killed by strong sunlight, and that it soon loses its pathogenicity for the lower animals. These well-known characteristics of the organism have been barriers in the way of explaining why cholera has been, for the past few years, at least, endemic in the Philippine Islands, and how, after a period of quiescence, it springs up simultaneously in a virulent and epidemic form in localities remotely situated. Therefore the finding of these vibrio carriers sheds much light upon this complex question, and, furthermore, enlarges the scope of work devolving upon sanitarians in the suppression of a cholera epidemic.

The shipping has been remarkably free from the disease, no cases having occurred on any interisland vessels.

The transport *Sheridan*, while being disinfected at the Mariveles quarantine station, September 14, 1908, prior to sailing for San Francisco, had a case of cholera on board in the person of a second-cabin passenger. The vessel was disinfected, and the crew and passengers were bathed and their effects were disinfected. September 16 a second case developed in an American member of the crew. The contacts were reinfected. The second case died in the Mariveles hospital at midnight of September 16. All were held in quarantine under observation until September 21, when the vessel was granted a bill of health for San Francisco, Nagasaki, and Honolulu, no further cases having occurred. The first case is recovering.

Owing to the increase of cholera in the city of Manila, and in order to protect as much as possible the noninfected provinces, vessels leaving Manila, with certain exceptions, were required, from September 18, 1908, to call at Mariveles for inspection or detention.

The progress of the cholera epidemic in the provinces has been greatly lessened during the past few weeks, except in Iloilo and adjacent provinces. The number of cases to date in the provinces is 18,698, with 11,965 deaths.

The following is an unofficial list of the cases and deaths from cholera in the provinces of the Philippine Islands for the week:

Provinces.	Cases.	Deaths.
Rizal	97	71
Bulacan	33	32
Ilocos Sur	40	15
Pampanga	8	6
Tarlac	3	2
Pangasinan	7	2
Union	25	17
Iloilo	779	480
Total	992	624

During the week consular bills of health were issued at the port of Manila to 2 steamships.

Quarantine transactions of the service in the Philippine Islands during the month of August, 1908.

PORT OF MANILA.

Bills of health issued	54
Vessels inspected	86
Passengers on arriving vessels inspected	2, 487
Persons vaccinated	93
Members of crews on arriving steamships inspected	4, 792
Members of crews on sailing vessels inspected	38
Persons bathed and effects disinfected	127
Steamships partially disinfected	2
Steamships fumigated to exterminate vermin	11
Sailing vessels fumigated to exterminate vermin	3
Pieces of baggage disinfected	162
Pieces of baggage inspected and passed	27
Steamships sailing without quarantine inspected and passed	12
Steamship disinfected	1
Members of crews on vessels inspected	864
Passengers on vessels inspected	572
Members of crews bathed and effects disinfected	189
Passengers bathed and effects disinfected	281
Pieces of baggage disinfected	983
Pieces of baggage inspected and passed	1, 314
Pieces of miscellaneous cargo certified	38, 484

PORT OF ILOILO.

Bills of health issued	12
Vessels inspected	31
Passengers on arriving boats inspected	482
Members of crews on arriving steamships inspected	1, 155
Members of crews on arriving sailing vessels inspected	27
Persons bathed and effects disinfected	37
Persons detained in quarantine during month	37
Cases of quarantinable diseases detected on vessels, cholera	3
Steamship disinfected	1
Sailing vessel disinfected	1
Vessels entering quarantine during the month	2
Pieces of baggage disinfected	49
Pieces of baggage inspected and passed	7

PORT OF CEBU.

Bills of health issued	13
Vessels inspected	74
Passengers on arriving vessels inspected	852

Members of crews on arriving steamships inspected.....	3, 135
Members of crews on arriving sailing vessels inspected	62
Persons detained in quarantine.....	836
Steamships fumigated to exterminate vermin.....	2
Vessel remaining in quarantine from July.....	1
Vessels entering quarantine	23

PORT OF CAVITE.

Bills of health issued.....	10
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PORT OF OLONGAPO.

No transactions.

PORT OF ZAMBOANGA.

Vessels inspected.....	8
Passengers on arriving vessels inspected.....	245
Members of crews on arriving steamships inspected	446

PORT OF JOLO.

Vessels inspected.....	3
Passengers on arriving vessels inspected.....	63
Members of crews on arriving steamships inspected.....	89

RUSSIA.

Report from Libau—Measures to prevent cholera infection among emigrants—Status of cholera in Russia.

September 26 Acting Assistant Surgeon De Forrest was directed by the bureau to proceed to Libau with instructions to report on the progress of cholera in Russia and furnish information relative to the restrictive measures enforced by the Russian Government and the representatives of the United States at the ports of departure of emigrants from Russia. He reports, October 15, 24, and 26:

The cholera-infected districts of Russia, with the exception of St. Petersburg, are distant from Libau 4 or 6 days' journey by rail. Upon arrival at Libau intending emigrants are quartered in barracks furnished by the Russian East Asiatic Steamship Company. I have personally examined these barracks and have found them clean and well kept. Here the emigrants are detained in close quarantine for a period of 5 days. At the expiration of this period of detention, if the conditions are satisfactory, they are allowed to go into the city and are lodged in various places. If any case of sickness (vomiting, diarrhea, etc.) occurs, it is promptly reported to the police officials and city physician and is carefully examined and kept under close observation. Cultures are made if the case is suspicious. No cultures have been necessary from emigrants I have examined, all having been in good condition. The 5 days' detention in quarantine is not required to be the 5 days preceding the sailing of the vessel on which the emigrants embark. The police system in force in Libau requires all cases of sickness to be reported by landlords. Before embarking the emigrants are examined by physicians employed by the steamship company previous to being taken on board. Daily inspection of the emigrants at their scattered lodging houses being impracticable I will in future personally examine each emigrant 5 days before the vessel sails and again before embarkation, giving each a certificate of examination. I will also see that the baggage is disinfected previous to being taken on board. The voyage from Libau to

the United States takes from 17 to 18 days. A steam disinfection station for the disinfection of baggage is to be established by the steamship company. It is expected to be in operation in the spring of 1909.

The last appearance of cholera in Libau was in 1892. It occurred in a family all the members of which were attacked by the disease. There were no further cases. In case of a cholera outbreak emigration would be suspended by the police until the city was declared free of infection. The water supply of Libau is from artesian wells 200 or more feet deep.

Examination of emigrants.—From October 19 to 23 I examined at their various lodging places 777 emigrants. October 23 I inspected the steamship *Korea*, the next vessel sailing after that date for New York, and examined the crew and officers, 85 in all. October 24, reexamined crew of *Korea* and supervised disinfection of baggage. The vessel sails October 27. October 24, 44 emigrants from Saratov applied for permission to sail on the steamship *Korea* but were refused, Saratov being considered still cholera-infected. In addition to this number 60 others who arrived at Libau from Saratov on the evening of October 24 were refused permission. They will be detained 3 weeks at Libau, until the sailing of the next vessel. Some of the emigrants per steamship *Korea* have been in Libau from 3 weeks to 3 months and many live at Libau. Of the emigrants examined 130 were rejected for trachoma, 5 for favus, and 1 each for measles and whooping cough. The crew and all passengers will be examined by me before they board the vessel, each receiving certificate of 3 days' stay in Libau previous to sailing.

Status of cholera.—Cholera is decreasing in Russia. At St. Petersburg from October 17 to 24, 328 cases with 108 deaths, and at Riga 36 cases with 17 deaths were reported. The total of new cases at St. Petersburg during the week was 326 with 106 deaths, and at Riga 33 new cases with 16 deaths. The Moscow press of October 26 gives the following:

October 23. Faustova, 5 cases, Archangel, 6 cases, 4 deaths; Archangel district, 2 deaths; Ekaterinslav, total of 26 cases; Kief, total of 26 cases; Jaroslav, 2 cases present, 328 cases since outbreak, with 160 deaths; Novo-Nikolajewsk, 7 cases, 3 deaths; Tiflis, 1 new case, 1 death.

October 21. Moscow government, 12 new cases, 6 deaths.

October 24. St. Petersburg, 21 new cases, 12 deaths.

Conditions at St. Petersburg.—The situation of St. Petersburg is favorable to the development of cholera, the city being built on made ground and surrounded by a network of stagnant canals. The water in the canals is frequently drunk by the poorer classes. All the schools in St. Petersburg are closed and the school buildings used as hospitals.

Conditions at Saratov.—The city of Saratov, which is situated on the Volga River, is the center of the cholera district. Many of the people live on the dead and putrid fish which they are unable to sell, sleep out of doors on the damp ground, and drink river water.

ST. LUCIA ISLAND.

Report from Castries—Sanitary conditions.

Acting Assistant Surgeon Maylie reports, October 12 and 19:

Two weeks ended October 17. Sanitary condition of this port and vicinity good. No quarantinable diseases exist.

VENEZUELA.

Report from Caracas—Plague in the city and vicinity.

The following information is received, October 18, through the Department of State, from Mr. John Brewer, in charge of the archives of the legation:

Bubonic plague has made its appearance in one of the suburbs of Caracas, 3 patients having been removed to the city quarantine hospital in the past 2 weeks. One new case of the disease was reported in Caracas during the same period.

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

BORNEO—*Sandakan*.—Month of August, 1908. Estimated population, 10,495. Total number of deaths, 18, including beriberi 2, tuberculosis 1, and 6 from enteric fever.

CANADA—*Ontario—Hamilton*.—Month of October, 1908. Estimated population, 63,256. Total number of deaths, 62, including enteric fever 3, scarlet fever 1, and 6 from tuberculosis.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 76 great towns in England and Wales during the week ended October 17, 1908, correspond to an annual rate of 12.9 per 1,000 population, which is estimated at 16,234,952.

London.—One thousand and ninety-two deaths were registered during the week, including measles 13, scarlet fever 4, diphtheria 11, enteric fever 11, whooping cough 2, tuberculosis 120, and 71 from diarrhea. The deaths from all causes correspond to an annual rate of 11.9 per 1,000. In Greater London 1,591 deaths were registered. In the "outer ring" the deaths included 3 from measles, 13 from diphtheria, 3 from whooping cough, and 25 from diarrhea.

Salford.—Week ended October 17, 1908. Estimated population, 239,294. Total number of deaths, 67, including scarlet fever 1, diphtheria 1, whooping cough 1, enteric fever 1, and 8 from diarrhea.

Ireland.—The average annual death rate represented by the deaths registered during the week ended October 17, 1908, in the 21 principal town districts of Ireland was 15.7 per 1,000 of the population, which is estimated at 1,131,959. The lowest rate was recorded in Ballymena, viz, 4.8, and the highest in Portadown, viz, 25.8 per 1,000.

Scotland.—The deaths registered in 8 principal towns during the week ended October 10, 1908, correspond to an annual rate of 12.4 per 1,000 of the population, which is estimated at 1,839,038. The highest rate of mortality was recorded in Paisley, viz, 14.4, and the lowest in Perth, viz, 7.4 per 1,000. The aggregate number of deaths registered from all causes was 436, including diphtheria 3, measles 2, scarlet fever 2, whooping cough 17, and 33 from diarrhea.

Pernambuco.—Two weeks ended September 15, 1908. Estimated population, 210,000. Total number of deaths, 315, including yellow fever 1, smallpox 45, enteric fever 1, measles 1, and 46 from tuberculosis.

SPAIN—Almeria.—Month of September, 1908. Estimated population, 50,000. Total number of deaths, 108, including enteric fever 2, whooping cough 1, and 12 from tuberculosis.

Huelva.—Month of September, 1908. Estimated population, 24,000. Total number of deaths, 65, including typhus fever 2, measles 1, and 5 from tuberculosis.

TASMANIA—Hobart.—Month of August, 1908. Estimated population, 184,008. Total number of deaths, 208, including enteric fever 5, diphtheria 2, and 2 from whooping cough.

TURKEY—Smyrna.—Three months ended October 6, 1908. Estimated population, 400,000. Total number of deaths, 943, including yellow fever 1, enteric fever 38, smallpox 15, measles 2, scarlet fever 2, and 176 from tuberculosis.

Cholera, yellow fever, plague, and smallpox, from June 27 to November 13, 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.
Austria:				
Ostrowo	Sept. 8	76	39	
Tarnopol	Sept. 14	1		
Ceylon, general	May 17-23		1	
Colombo	June 7-Aug. 15	33	22	20 cases in the asylum for the insane.
China:				
Amoy (Kulangsu)	July 26-Sept. 19		40	
Canton	June 21-27			Present.
Hankau	July 19-Sept. 12	20	14	Among foreigners.
Do	July 19-Aug. 18	10,790	1,397	Among natives.
Hanyang	July 27-Aug. 18		200	
Hongkong	June 14-Sept. 19	48	52	
Shanghai	Aug. 17-Sept. 27			Present, and in vicinity.
Wuchang	Aug. 5-18		2,140	100 cases in military encampment.
India:				
Bombay	May 20-Oct. 15		28	
Calcutta	May 10-Sept. 19		295	On s. s. Annie, en route May 28—June 1, 2 deaths.
Kurrachee	Aug. 8-Sept. 4		26	
Madras	May 16-Oct. 2		996	
Negapatam	Sept. 5	11	8	
Rangoon	May 17-Oct. 3		66	
Indo-China:				
Bien Hoa	June 21-27	60	59	
Cholen	May 10-Sept. 26	167	168	
Saigon	May 10-Sept. 19	100	71	
Japan:				
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		
Kanagawa ken	Jan. 1-Sept. 5	3		
Kawasaki	Aug. 23	1		
Kokooru	Oct. 1			Present.
Kure	Aug. 15			Present on steamer from Calcutta.
Moji	Aug. 8-Sept. 29	85	28	Oct. 3. Still present.
Nagasaki	Oct. 3	1		From s. s. Manchuria.

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

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Japan—Continued.				
Oita ken	Jan. 1-Sept. 5	1	.....	Present in vicinity.
Tokyo	Aug. 22	1	.....
Tokushima	Aug. 2-Sept. 5	2	.....
Wakamatsu	Aug. 25-Sept. 15	6	8	
Yamaguchi ken	Jan. 1-Sept. 5	1	.....	On British steamer in quarantine.
Yokohama	Aug. 17-23	5	1	
Persia:				
Teheran	July 3	1	1	
Philippine Islands:				
Manila	June 7-Sept. 19	261	198	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. 6-12	126	151	
Ascurrago	July 26-Aug. 1	20	20	
Bataan	Jan. 1-Mar. 31	20	18	
Benguet	July 26-Aug. 8	6	3	
Bulacan	Jan. 1-Sept. 19	330	245	
Capiz	Jan. 1-Sept. 12	313	265	
Cavite	Jan. 1-Mar. 31	22	20	
Ilocos Sur	July 12-Sept. 19	1,909	1,369	
Iloilo	Aug. 9-Sept. 19	3,170	2,071	
Jaro	July 26-Aug. 1	17	10	
La Laguna	Jan. 1-Sept. 12	5	4	
Mindoro	Jan. 1-Mar. 31	32	20	
Misamis	July 12-Sept. 5	993	413	Including Balingasang and Cagayan.
Negros Occidental	Sept. 6-12	167	163	
Nueva Ecija	July 4-Sept. 5	396	206	
Nueva Vizcaya	July 12-Aug. 29	34	27	
Pampanga	Jan. 1-Sept. 19	228	185	
Pangasinan	Jan. 1-Sept. 19	2,153	1,263	
Rizal	Jan. 1-Sept. 19	329	261	
Santa Barbara	July 26-Aug. 1	15	9	
Tarlac	Jan. 1-Sept. 19	279	108	
Union	July 12-Sept. 19	1,000	669	
Zambales	Feb. 2-Mar. 31	62	48	
Russia, general	July 21-Oct. 10	22,295	10,252	
Astrakhan govt. district	July 19-Oct. 10	1,499	715	
Bakoo	Aug. 7-Oct. 10	163	71	
Batoom	Aug. 10 .....	.....	.....	Present in vicinity.
Charkov district	Sept. 12-17	3	3	
Charnigov	Sept. 4-16	2	1	
Cronstadt	Sept. 15-Oct. 10	137	56	
Don, territory of	July 19-Oct. 3	11,669	569	
Ekaterinislav	Aug. 8-17	66	1	
Helsingfors	Sept. 17	10	.....	On s. s. Saxon Briton.
Iritusk	Sept. 3	1	1	
Jaroslav	Oct. 23	328	160	
Jenneisk	Aug. 28-Sept. 17	7	4	
Kazan	Aug. 7-Sept. 17	125	40	
Kerch-Ynikalé prefecture	Sept. 4-25	49	25	
Kerson	Sept. 4-12	4	2	
Kief district	Aug. 21-Oct. 10	406	138	
Kirghia Steppe	Sept. 12 .....	.....	.....	Present.
Kostroma	Aug. 8-Oct. 10	174	81	
Kooban	Aug. 7-Oct. 10	1,055	406	
Moscow district	Aug. 29-Oct. 10	15	10	
Nakhchivan	Aug. 7-14	19	6	
New Peterhof	Sept. 4-12	1	1	
Nijni Novgorod	Aug. 7-Oct. 10	742	309	
Odessa	Sept. 1-Oct. 3	12	11	
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	
Pskov	Sept. 11-17	2	1	
Riga	Sept. 20-Oct. 24	25	.....
Rostov	July 28-Sept. 17	779	395	

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

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Russia—Continued.				
Samara govt. district	July 19-Oct. 10.	906	431	July 19, present, also, on vessels. Along Yenisei River. July 31, present.
Saratov	July 19-Oct. 10.	857	475	
Siberia	Sept. 12. ....	.....	.....
Simbirsk govt. district	Aug. 7-Oct. 10.	139	23	July 31, present.
St. Petersburg	Sept. 9-Oct. 10.	6,915	2,817	
Syr-Daria	Sept. 4-12.	30	15	
Tachkent	Aug. 29-Sept. 10.	23	8	July 31, present.
Taganrog	Aug. 29-Sept. 10.	52	31	
Tambov govt. district	July 31-Sept. 28.	22	13	
Tavride	Sept. 4-12.	6	3	July 31, present.
Terek territory	Sept. 4-28.	26	8	
Tiflis	Aug. 8-Oct. 10.	104	55	
Transcaspian territory	Sept. 12-25.	13	6	July 31, present.
Tula	Aug. 7-14.	2	1	
Tver district	Sept. 12-25.	18	7	
Ufa district	Sept. 12-17.	254	148	July 31, present.
Ural territory	Sept. 4-12.	266	140	
Vistula district	Sept. 10. ....	.....	.....
Vladimir govt.	Sept. 4-12.	10	2	Imported.
Voronej	Sept. 4-12.	5	2	
Warsaw	Aug. 2-8.	2	2	
Zaritzyn	July 24-Sept. 3.	237	132	July 19, present, also, on vessels; Aug. 29, 250 cases daily.
Siam:				
Bassein	May 10-16.	Present.
Straits Settlements:				
Patalung	Sept. 7.	Do.
Singapore	May 10-Sept. 19. ....	.....	24

YELLOW FEVER.

Barbados:				
Bridgetown	Oct. 6-12	1	1	
Brazil:				
Bahia	July 22-Aug. 31	5	2	July 22, 3 cases from Italian bark Sacro Cuore de Jeso. Report Aug. 22 not received.
Manaos	May 26-Sept. 26	33	33	
Para	May 31-Oct. 24	45	42	
Pernambuco	June 15-Sept. 15	4	4	
Rio de Janeiro	June 1-Aug. 15	3	3	
Cuba:				
Habana Province—				
Habana	Sept. 18-Oct. 20	4	3	Case Oct. 2 from s. s. Merida; case Oct. 19 from s. s. Monterey; case Oct. 14-20 from s. s. Salvador.
Santiago (Oriente) Province—				
Antilla	Sept. 8			Case removed to Santiago Aug. 29.
Daiquiri	June 27-Aug. 15	20	4	
Firmeza	Aug. 22	1		
Santiago	Aug. 29-Sept. 6	1	1	From Antilla and Mayari.
Curacao	June 28-Aug. 1	1	1	Imported.
Ecuador:				
Guayaquil	May 31-Oct. 10		17	
France:				
St. Nazaire	Sept. 25-Oct. 20	11	6	From s. s. La France from West Indian ports.
Honduras:				
Ceiba	Sept. 24	1		
Martinique:				
Port de France	June 27-Oct. 10	53	12	And vicinity.
Mexico:				
Acapulco	Sept. 12	1	1	On Mexican s. s. Manuel Herreras.
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. Lembit.
Merida	Aug. 23-Oct. 24	22	11	
Tierra Blanca	July 27	1		
Veracruz	July 7-Oct. 26	26	13	
Porto Rico:				
San Juan	July 5			1 case on s. s. Julia.
St. Vincent Island.	Sept. 6-Oct. 3	3	2	
Venezuela.	June 26	80	40	Estimated. In Upata, Guaspati, and Callao.

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

PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
Algeria:				
Algiers	Sept. ....	.....	1	From s. s. Blythswood 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. Erzherzog Franz Ferdinand from Bombay.
Azores:				
Fayal.....	Aug. 10-Sept. 21...	9	4	
Terceira.....	July 1-Sept. 21 ...	51	20	
Brazil:				
Bahia	July 29-Aug. 31 ...	3	2	
Para	Oct. 11-17.....	1	1	
Pernambuco	June 1-15.....	.....	1	
Rio de Janeiro	May 11-Sept. 27 ...	19	2	
Sao Paulo.....	May 18-Aug. 30 ...	.....	3	
British East Africa:				
Port Florence	June 11-July 11...	27	22	
British Gold Coast:				
Akra	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-Sept. 29...	34	3	
China:				
Amoy	Aug. 8 .....	.....	1	Apr. 26-Oct. 1, present in native city and up country districts. July 21-Aug. 1, epidemic.
Canton	May 1-June 9....	10	.....	Mainly imported. June 27, still present.
Changshan	Sept. 26 .....	.....	.....	Present.
Poochoo	Apr. 6-July 18 .....	.....	.....	Do.
Hongkong	May 10-Sept. 5....	875	738	
Hsing-Sua	June 2-8 .....	.....	.....	Do.
Swatow	July 4-Aug. 14....	.....	.....	Do.
Tongshan	Oct. 16 .....	.....	.....	Epidemic.
Ecuador:				
Babahoyo	Sept. 19-Oct. 5....	4	1	
Guayaquil	May 31-Sept. 5....	.....	23	
Egypt:				
Alexandria.....	May 27-Oct. 5....	72	40	Case, July 9, from s. s. Perseo.
Port Said	July 3-Oct. 5....	12	8	July 5, 1 case on s. s. Orenoque.
Provinces—				
Assiout	May 27-July 5....	6	3	
Minieh	May 15-July 31	6	2	
Dakahlieh	June 2-Sept. 15 ...	3	.....
Garbieh	May 16-Oct. 4....	47	19	
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-Sept. 28...	94	24	
Great Britain:				
Liverpool	Nov. 10	3	2	Imported from vessel.
India:				
Bombay Presidency and Sind.....	Apr. 26-Aug. 29...	7,673	5,889	
Madras Presidency	Apr. 26-Aug. 29...	1,427	862	
Bengal	Apr. 26-Aug. 29...	997	934	
United Provinces.....	Apr. 26-Aug. 29...	1,519	1,372	
Punjab	Apr. 26-Aug. 29...	13,510	11,116	
Burma	Apr. 26-Aug. 29...	2,175	2,122	
Central provinces, including Berar.....	Apr. 26-Aug. 29...	263	207	
Coorg	May 24-June 27...	8	5	
Mysore State	Apr. 26-Aug. 29...	2,173	1,536	
Usmanabad and Raichur districts.....	Aug. 9-15	69	51	
Hyderabad State.....	July 19-Aug. 29...	307	256	
Central India	Apr. 26-Aug. 29...	59	39	
Rajputana	Apr. 26-June 27...	624	469	
Kashmir	Apr. 26-Aug. 29...	27	15	
Northwest frontier province.....	Apr. 26-July 18...	456	404	
Grand total.....		31,287	25,277	

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

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Indo-China:				
Cholen	May 10-Sept. 26 ...	130	122	
Saigon	May 10-Sept. 26 ...	161	101	
Japan:				
Awaji Island—				
Yura	Sept. 26	48	5	
Formosa	May 10-Aug. 15 ...	620	506	From May 15 epidemic at Taiwan: 25 cases reported daily. And vicinity.
Hio-go	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	.....	On s. s. Itsukushima in voyage.
Mauritius	May 31-Sept. 19 ...	14	9	
Peru:				
Callao	May 20-Sept. 28 ...	33	12	Oct. 10, still present.
Chopen (Pacasmayo)	July 8-Sept. 28 ...	39	21	And vicinity.
Chiclayo	May 20-Sept. 28 ...	20	15	
Chorrillos	Aug. 16-Aug. 24 ...	2	.....
Ferrenafe	July 21-Sept. 21 ...	8	3	
Guadalupe	Aug. 5-18	1	1	
Lima	May 20-Sept. 21 ...	89	51	Do.
Mollendo	June 2-Sept. 21 ...	7	2	
Monsefu	June 2-8	1	.....
Niepos (Hualgayoc)	June 2-8	2	.....
Paíta (La Huaca)	July 21-Sept. 21 ...	8	3	
Salaverry	May 2-July 19 ...	17	.....
Santa Eulalia (Huarochiri)	July 21-Aug. 3	1	.....
San Jose (Lambayeque)	July 21-Aug. 3	4	4	
Trujillo	May 20-Sept. 28 ...	238	110	Do.
Siam:				
Bangkok	May 3-June 20 ...	18	12	
Puket	May 9 .....	.....	.....	Present.
Tongkah	May 4 .....	.....	.....	Do.
Straits Settlements:				
Singapore	May 17-30 .....	.....	2	
Trinidad:				
Port of Spain	June 4-Sept. 30 ...	17	13	
Turkey in Asia:				
Adalia	July 27-Sept. 23 ...	5	3	
Bagdad	June 7-Sept. 7 ...	76	50	
Beyroot	Sept. 28	1	.....
Uruguay:				
Montevideo	Apr. 1-May 31 .....	.....	5	
Venezuela:				
Caracas	June 10-Oct. 18 ...	64	15	Oct. 4-18, 2 imported.
La Guaira	June 16-30	5	2	Aug. 5, present.
Maiquetia	June 28	1	.....	Suburb of La Guaira.

SMALLPOX.

Algeria:				
Algiers	June 29-Sept. 30 .....	.....	29	
Arabia:				
Aden	May 28-Oct. 19 .....	.....	143	
Argentina:				
Buenos Aires	Mar. 1-May 31 .....	.....	4	
Austria:				
Bukowina	July 12-Sept. 26 ...	10	.....
Galicia	May 24-July 4	5	.....
Silesia	July 19-25	4	.....
Barbados:				
Bridgetown	Oct. 18-24	1	.....	From s. s. Castillian Prince.
Borneo:				
Sandakan	Apr. 16-June 30 ...	43	16	
Brazil:				
Bahia	May 1-July 31	409	31	
Campinas	June 29-July 5 .....	.....	2	
Para	June 28-July 4	2	.....
Pernambuco	May 1-Sept. 15 .....	.....	288	
Rio de Janeiro	May 11-Sept. 27 ...	9,684	4,296	Case Sept. 26 from s. s. Amazonas. July 6-16, 1 case and 1 death on s. s. Peruviana, and August 28 1 case on s. s. Hillfern on voyage.
Santos	May 18-Sept. 20 ...	.....	56	1 case July 10 from s. s. Spartan Prince.
São Paulo	Aug. 10-Sept. 20 ...	.....	88	
British South Africa:				
East London	July 12-Aug. 15 ...	10	.....

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

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Canada:				
Manitoba—				
Winnipeg	Oct. 4-10.....	1		
Nova Scotia—				
Halifax	June 14-Oct. 24...	41		
Ontario—				
Hamilton	June 1-30.....	3		
Ceylon, general	Apr. 1-30.....		2	
Colombo	June 29-Oct. 3....	121	26	
China:				
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....	2	12	
Cuba, general	Sept. 1-10.....	1		
Habana	Oct. 1-7.....			1 case on s. s. Westerwald, not landed.
Denmark:				
Copenhagen	Sept. 20-26.....	2		
Ecuador:				
Guayaquil	May 31-Sept. 26....		51	
Egypt, general	May 14-Sept. 16....	655	229	
Cairo	May 31-Oct. 7.....	61	23	
Suez	June 18-July 1....	5		
France:				
Marseille	July 1-31.....		1	
Paris	May 31-Oct. 3.....	16		
Toulon	May 1-Sept. 30....	4		
Germany, general	May 24-Sept. 5....	50		
Bremen	May 24-June 6....	3		
Chemnitz	Aug. 2-19.....	2		
Konigsberg	Aug. 2-8.....	1		
Ulm	Aug. 23-29.....	1		
Great Britain:				
Liverpool	Apr. 30-Aug. 29....	5		
Grenada Island	Sept. 12-26.....	6		
India:				
Bombay	May 20-Oct. 6.....		222	
Calcutta	May 10-Sept. 19....		146	
Madras	May 23-Aug. 14....		2	
Rangoon	Aug. 16-Sept. 26....		4	
Indo-China:				
Cholon	May 24-Sept. 5....	11	6	
Saigon	July 19-Sept. 26....	13	8	
Italy:				
General	June 8-Oct. 18....	637		
Catania	May 22-July 31....		4	
Genoa	May 1-Aug. 31....	9		
Messina	July 19-25.....			Present.
Naples	June 7-Oct. 24....	128	11	
Palermo	May 24-Sept. 26....	33	4	
Piscinola	Sept. 12-30.....	18	1	
Turin	June 8-14.....	3	1	
Japan:				
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		
Java:				
Batavia	May 10-Sept. 19....	66	3	
Mexico:				
Acapulco	Sept. 20-26.....	3		
Aguascalientes	June 8-Sept. 20....		9	
Alvarado	Oct. 1-17.....	15	1	
Mexico City	May 10-Sept. 19....		236	
Monterey	June 8-14.....		1	
Tlaxotalpan	Oct. 1-17.....			Present.
Veracruz	Oct. 8-10.....	2		
Netherlands, The:				
Amsterdam	July 27-Aug. 1....	1		
Norway:				
Christiania	Aug. 9-Oct. 26....	157	16	
Peru:				
Callao	Oct. 10.....	1		Aug. 29-Sept. 5, present.
				Among troops.
Lima	June 1-Oct. 10....	5		Oct. 10, 10 cases in the lazaretto.
Paite	Aug. 25.....			Present, and in vicinity.

a Cases among foreigners; deaths among natives.

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

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Philippine Islands:				
Manila	May 3-Sept. 19....	157	62	First quarter calendar year 1908, 42 cases, 12 deaths; second quarter, 151 cases, 64 deaths. Sept. 5, 1 case on s.s. Changaha.
Porto Rico:				
Mayaguez	June 7-27.....	6		
Portugal:				
Cascaes	Sept. 12-18	1		
Lisbon.....	May 31-Oct. 17....	45		
Russia:				
Batoom.....	May 1-31.....	1		
Reval	Aug. 1-Sept. 30	1		
Libau	Aug. 30-Sept. 5....	1	1	
Moscow	May 24-Oct. 17....	368	180	
Odessa.....	May 24-Oct. 3....	42	4	
Riga.....	June 7-Oct. 24....	26		
St. Petersburg	May 17-Sept. 12....	461	108	
Warsaw	May 10-Sept. 26....		103	
Siberia:				
Vladivostok.....	May 6-June 21....	11		
Spain:				
Barcelona.....	June 1-Oct. 10....		19	
Cadiz	July 27			Present.
Madrid.....	Sept. 1-30		2	
Malaga	Mar. 1-Apr. 30		4	July 27, present.
Valencia	June 1-Oct. 24....	91	10	
Vigo.....	Sept. 27-Oct. 17....		2	
Straits Settlements:				
Penang.....	Aug. 2-22	2	1	
Singapore	May 24-Sept. 5....		6	
Switzerland:				
Zurich.....	Aug. 23-29	3		
Turkey in Asia:				
Bagdad.....	May 10-Sept. 5....	183	67	
Smyrna.....	May 13-Oct. 6....		21	
Trebizond.....	Sept. 27-Oct. 3....			Present.
Turkey in Europe:				
Constantinople.....	June 1-Oct. 18....		126	
Zanzibar:				
Zauzibar	June 8-Oct. 30....		4	

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Aberdeen	Oct. 17	178,210	40	.	.	.	.	.	.	.	.	.	.	.
Aden	Oct. 5	43,794	49	6	.	.	.	16	.	.	.	.	.	.
Do	Oct. 12	43,794	62	3	.	.	.	6	.	.	.	.	.	.
Aguaascalientes	Oct. 25	40,000	50	3	.	.	.	.	1	2	1	.	.	1
Amsterdam	Oct. 17	564,893	118	17	.	.	.	.	.	.	.	.	1	3
Antwerp	Oct. 10	312,571	86	5	.	.	.	.	.	1	.	.	.	.
Asuncion	Sept. 5	75,000	26	1	.	.	.	.	1	.	.	.	.	.
Do	Sept. 12	75,000	20	3	.	.	.	.	.	.	.	.	.	.
Do	Sept. 19	75,000	26	3	.	.	.	.	.	1	.	.	.	.
Athens	Oct. 10	241,058	61	16	.	.	.	.	.	3	.	.	1	.
Baracoa	Oct. 17	27,000	2	.	.	.	.	.	.	.	.	.	.	.
Basel	Oct. 10	131,000	43	7	.	.	.	.	.	.	.	.	.	.
Batavia	Sept. 19	194,000	.	.	.	.	.	.	1	.	.	.	.	.
Belfast	Oct. 17	380,344	100	14	.	.	.	.	.	.	.	.	.	1
Belize	Oct. 22	9,113	7	1	.	.	.	.	.	.	.	.	.	.
Bergen	Oct. 10	87,749	26	1	.	.	.	.	.	.	1	1	1	.
Do	Oct. 17	87,749	26	2	.	.	.	.	.	.	8	1	1	.
Birmingham	do	558,386	138	.	.	.	.	.	2	2	1	1	1	.
Bluefields	do	2,500	4	.	.	.	.	.	.	.	.	.	.	.
Bombay	Sept. 15 ^a	977,822	581	43	25	.	.	2	2	.	1	.	.	.
Do	Sept. 29	977,822	599	44	27	1	.	1	3	.	.	.	2	1
Do	Oct. 6	977,822	648	45	21	.	.	1	3	.	.	.	1	.
Bordeaux	Oct. 17	233,000	86	16	.	.	.	1	1	1	1	1	.	.
Bradford	do	292,136	80	7	.	.	.	1	1	1	1	1	.	.
Bristol	do	372,785	76	.	.	.	.	1	1	1	1	1	.	.
Brussels	Oct. 10	630,078	152	22	.	.	.	.	2	2	2	2	.	.
Budapest	Oct. 3	804,200	.	.	.	.	.	1	3	.	.	.	2	.
Do	Oct. 10	804,200	.	.	.	.	.	4	1	3	1	.	.	.
Cairo	Oct. 7	692,657	407	23	.	.	.	7	3	.	.	.	.	.
Cartagena	Oct. 13	30,000	11	.	.	.	.	.	.	.	.	.	.	.
Ceiba	Oct. 17	6,500	3	.	.	.	.	.	.	.	.	.	.	.
Christiania	Oct. 10	233,000	45	5	.	.	.	.	.	.	2	.	.	.
Cognac	Oct. 17	19,483	8	.	.	.	.	.	.	.	.	.	.	.
Constantinople	Oct. 18	1,000,000	222	28	.	.	.	10	9	1	.	.	.	.
Copenhagen	Oct. 3	440,000	127	6	.	.	.	.	6	.	1	.	.	5
Dalny	Oct. 3	35,938	15	.	.	.	.	.	.	.	.	.	.	.
Damascus	do	250,000	50	.	.	.	.	.	.	.	.	.	.	.
Do	Oct. 10	250,000	45	.	.	.	.	.	.	.	.	.	.	.
Denia	do	12,421	2	.	.	.	.	.	.	.	.	.	.	.
Do	Oct. 17	12,421	2	.	.	.	.	.	.	1	.	.	.	.
Durban	Sept. 26	60,972	19											

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.
Mazatlan	Oct. 10	22,000	13	...	...	...	...	...	...	...	...	...	...	...
Mexico	Sept. 5	400,000	460	41	...	...	...	8	24	1	3	6	1	2
Moncton, N. B.	Oct. 26	13,500	2	...	...	...	...	...	...	...	...	...	...	...
Monrovia	Sept. 19	7,000	6	...	...	...	...	...	...	...	...	...	...	...
Do	Sept. 26	7,000	3	...	...	...	...	...	...	...	...	...	...	...
Monterey	Oct. 25	100,000	72	6	...	...	...	...	...	...	...	...	...	...
Moscow	Oct. 3	1,835,000	645	70	...	1	...	7	1	6	3	4	3	4
Do	Oct. 10	1,835,100	589	69	...	1	...	5	8	7	7	9	2	7
Munich	do	556,000	170	20	...	...	...	...	...	...	...	...	...	...
Nagasaki	Oct. 4	173,118	34	...	...	...	...	...	...	...	...	...	...	...
Nantes	Oct. 17	133,247	45	11	...	...	...	...	...	...	...	...	...	...
Naples	Oct. 3	593,729	211	...	...	...	...	1	...	...	...	4	...	...
Do	Oct. 10	593,729	214	6	...	...	...	...	...	...	...	...	...	...
Do	Oct. 17	593,729	197	8	...	...	...	...	...	...	2	...	...	...
Niuchwang	Sept. 26	60,000	15	...	...	...	...	...	...	...	...	...	...	...
Do	Oct. 3	60,000	12	...	...	...	...	...	...	...	...	...	...	...
Nottingham	Oct. 10	260,000	75	...	...	...	...	...	...	1	2	...	...	...
Nuevo Laredo	Oct. 24	8,000	3	1	...	...	...	...	...	...	...	...	...	...
Ottawa	do	80,200	26	...	...	...	...	...	...	...	...	...	...	...
Penang	Sept. 19	101,469	85	13	...	...	...	...	...	...	...	...	...	...
Plymouth	Oct. 19	116,000	38	...	...	...	...	...	...	1	...	...	...	...
Port Elizabeth	Oct. 3	32,959	13	2	...	...	...	...	...	...	...	...	...	...
Rangoon	Sept. 26	252,155	159	5	3	1	...	1	...	...	...	...	...	...
Rio de Janeiro	Sept. 20	811,443	619	70	...	...	296	...	...	...	...	1	7	1
Do	Sept. 27	811,443	602	80	...	...	291	...	...	1	...	1	1	2
Rome	July 25	559,715	169	12	1	...	...	...	...	5	1	3	5	...
Rotterdam	Oct. 17	409,562	99	...	...	...	...	...	...	...	4	2	...	...
Saigon	Sept. 19	37,465	38	...	...	6	...	3	...	...	...	...	...	...
St. John, N. B.	Oct. 24	40,711	9	1	29	...	...	...	...	...	...	...	...	...
San Feliu de Guixols ..	Oct. 17	11,094	7	...	...	...	...	...	2	...	...	...	...	...
Santa Cruz de Tenerife ..	Oct. 10	46,000	14	2	...	...	...	...	...	...	...	...	...	...
Santiago de Cuba	Oct. 17	45,500	17	6	...	...	...	...	...	1	...	1	...	...
Do	Oct. 24	45,500	15	1	...	...	...	...	...	...	...	...	...	...
Santos	Sept. 13	75,000	35	4	...	...	...	...	...	...	...	...	...	...
Shanghai	do	464,213	204	18	...	...	...	11	...	1	...	...	...	...
Do	Sept. 20	464,213	192	20	...	...	...	...	...	...	...	...	...	...
Do	Sept. 27	464,213	163	14	...	...	...	...	...	...	...	1	...	...
Singapore	Sept. 19	260,000	252	...	...	2	...	...	...	...	...	...	...	...
Southampton	Oct. 17	122,196	25	1	...	...	...	...	...	...	...	...	...	2
Stettin	Oct. 10	230,000	84	7	...	...	...	...	...	...	...	...	...	...
Stockholm	Oct. 3	337,460	76	17	...	...	...	...	...	...	1	3	...	1
Sunderland	Oct. 10	157,495	39	1	...	...	...	...	...	1	...	...	...	...
Tarragona	Oct. 17	20,400	9	3	...	...	...	...	...	...	...	...	...	...
Tegucigalpa	Oct. 14	24,000	1	...	...	...	...	...	...	...	...	...	...	...
Turin	Oct. 4	373,701	105	15	...	...	...	...	...	...	1	...	...	...
Do	Oct. 11	373,701	120	1	...	...	...	...	...	2	...	...	...	...
Valencia	Oct. 10	250,000	71	8	...	...	...	...	...	2	...	...	...	...
Do	Oct. 17	250,000	85	13	...	...	...	...	...	4	...	...	...	...
Veracruz	Oct. 10	32,000	50	6	...	1	...	...	...	...	...	...	...	...
Vevey	Oct. 13	14,000	3	...	...	...	...	...	...	...	...	...	...	...
Vienna	do	2,042,426	541	87	...	...	...	...	...	1	3	3	1	1
Victoria, B. C.	Oct. 24	27,500	4	...	...	...	...	...	...	...	...	...	...	...
Vigo	Oct. 10	40,000	13	4	...	...	...	1	...	...	...	...	...	...
Do	Oct. 17	40,000	22	4	...	...	...	...	...	...	...	...	...	...
Warsaw	Sept. 26	751,595	217	29	...	...	3	...	3	6	4	9	...	1
Winnipeg	Oct. 24	118,000	14	...	...	...	...	...	2	...	...	...	...	...
Zurich	Oct. 17	180,000	42	1	...	...	...	...	...	...	1	...	...	...

* For report week ended September 22, 1908, see Public Health Report, p. 1597.

By authority of the Secretary of the Treasury:

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