

PUBLIC HEALTH REPORTS.

UNITED STATES.

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

Statistics of plague in California.

Total cases of plague at San Francisco verified bacteriologically to May 2, 121; total cases verified clinically, 38; total deaths, 77. The last case at San Francisco was taken sick January 30 and confirmed by bacteriological examination as plague February 8, 1908. Date of finding of last infected rat, May 1.

The last case at Oakland, Cal., died December 22, 1907. The last plague-infected rats at Oakland were found during the week ended April 11, 1908. The only case at Berkeley, Cal., died September 1, 1907. The only case at Point Richmond, Cal., was taken sick November 27, 1907, and recovered.

Report from San Francisco, Cal.—Plague-prevention work.

Passed Assistant Surgeon Blue reports, May 4:

SAN FRANCISCO, CAL.

Week ended May 2.

Sick inspected	32
Dead inspected	149
Necropsies held	3
Premises inspected	20,907
Houses disinfected	236
Houses destroyed	18
Buildings condemned	12
Nuisances abated	3,983
	691
Rats found dead	4,063
Rats trapped	4,754
Total rats taken	4,754
Rats identified:	
Mus decumanus	3,610
Mus musculus	572
Mus rattus	55
Total	4,237
Bounty rats received	2,518
Poisons placed	190,104
Rats examined bacteriologically	2,952
Rats infected with bacillus pestis	16

Outgoing quarantine transactions.

Passed Assistant Surgeon Hobby reports, May 4:

Week ended April 18:	
Vessels fumigated and certified.....	51
Vessels certified.....	75
Week ended April 25:	
Vessels fumigated and certified.....	49
Vessels certified.....	78

Statistics of plague at Seattle, Wash.

The last case of plague at Seattle died October 30, 1907.

Reports from Seattle, Wash.—Plague-prevention work—Plague rats—Fumigation of vessels.

Passed Assistant Surgeon Glover reports:

SEATTLE, WASH.

Week ended May 2, 1908.

Rats received.....	1,359
Rats necropsied.....	1,236
Rats found plague infected.....	1
Plague-infected rats to date.....	10
Vessels fumigated.....	3

May 5. There have been 6 rats identified as having plague since March 25. Of these, 3 were from the old depot block between Columbia and Yesler way and Western and Railroad avenues; 1 was from block between Marion and Madison streets and Western and Railroad avenues; 1 was from the tide flats in the neighborhood of First avenue and Holgate street, and 1 was from the water front somewhere between Madison and Pike streets. These 2 latter were bounty rats, and presumably caught under piling or around refuse dumps. The other rats were caught by the city rat catchers and were trapped in business houses.

Report of the work done in the plague laboratory for the month of April.

During the month 4,724 rats were delivered at the laboratory, of which 4,091 were examined post-mortem, and 69 were submitted to cultural or inoculation tests, or both. Five rats have been proven plague infected. Three of these were delivered in the latter part of March, the other two during the current month. Three of the rats were found in the old depot block at the foot of Columbia street, in the center of the water front. One was found in an indeterminate locality a few blocks to the north. The last rat was brought from the dumps on the tide flats in the neighborhood of First avenue and Holgate street, a little over a mile south of the first-mentioned focus of infection. Most of the rats are delivered under the bounty system. In addition, the city employs 5 rat catchers, and these work on areas which have not been covered by the bounty men, or which for any reason are deemed by the sanitation department to merit special attention. An effort is made to systematically cover the water front, business

section, and tide flats. Less than 20 rats were obtained from the resident districts. The majority of the rats are taken in cage traps, and most of the others in spring traps. As baited traps attract for the most part healthy rats, the number of plague rats found furnishes a very inadequate basis for the estimation of the number actually present.

Flea counts during the month show an average of 3 or 4 to the rat, this being practically the same as that found during March.

May 8. A summary of the plague situation from the outbreak of the disease to date comprises 3 human and 10 rat cases. The human cases were discovered between October 16 and 25, 1907. One was bubonic, the other 2 were of the pneumonic type. All 3 died. Five plague-infected rats were delivered between November 7, 1907, and January 7, 1908, and 5 others have been delivered since March 25.

Eighteen ships were fumigated during the month of April for the destruction of rats. The repeated fumigation at intervals of the smaller craft plying about the sound has demonstrated the efficacy of sulphur dioxide as a destructive agent for rats. In a number of cases, particularly on boats using oil as fuel, no rats have been found after fumigation. So often has this been the case that it has seemed unnecessary to continue to fumigate these boats at regular intervals. Therefore it has been decided to inspect these boats frequently, and when evidences of rats being aboard are found to fumigate the vessels. This will facilitate the handling of the increased shipping to Alaska during the summer months.

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

CALIFORNIA—*Oakland*.—Month of February,^a 1908. Estimated population, 225,000. Total number of deaths 170, including diphtheria 1, enteric fever 1, and 15 from tuberculosis. Cases: Diphtheria 11, enteric fever 2, scarlet fever 8, smallpox 6, measles 18, and tuberculosis 2.

Sacramento.—Month of March, 1908. Estimated population, 50,000. Total number of deaths 57, including 10 from tuberculosis. Cases: Diphtheria 3, scarlet fever 2, and smallpox 2.

CONNECTICUT—*Stamford*.—Month of April, 1908. Estimated population, 20,000. Number of deaths not reported. Cases: Diphtheria 1, scarlet fever 5, and whooping cough 6.

FLORIDA.—Reports from the State board of health for the week ended May 2, 1908, show as follows: Enteric fever—*Tampa*, 6 cases; *Jacksonville* and *Plant City*, each 3 cases; *Daytona*, 1 case. Diphtheria—*Jacksonville*, *Plant City*, and *Pensacola*, each 1 case. Tuberculosis—*Tampa*, 3 cases; *Ocala* and *Ybor City*, each 1 case.

Pensacola.—Month of April, 1908. Estimated population, 22,256. Total number of deaths, 30, including enteric fever 1 and 2 from tuberculosis. Cases of contagious diseases not reported.

^a Received out of regular order.

ILLINOIS—Quincy.—Month of April, 1908. Estimated population, 43,000. Total number of deaths, 45, including diphtheria 1 and 6 from tuberculosis. Cases: Diphtheria 18 and enteric fever 3.

INDIANA—Anderson.—Month of April, 1908. Estimated population, 25,398. Total number of deaths, 23, including 4 from tuberculosis. Cases: Smallpox 1, scarlet fever 1, tuberculosis 4.

Muncie.—Month ended May 4, 1908. Estimated population, 34,036. Total number of deaths, 35, including 3 from tuberculosis. Cases: Diphtheria 5, enteric fever 1, scarlet fever 5, measles 7, smallpox 6, and whooping cough 30.

IOWA—Sioux City.—Month of April, 1908. Estimated population, 50,000. Total number of deaths not reported. Two deaths from smallpox and 1 from measles. Cases: Diphtheria 3, measles 32, scarlet fever 5, and smallpox 17.

KENTUCKY—Henderson.—Month of April, 1908. Estimated population, 17,500. Total number of deaths, 13. Cases: Enteric fever 2, measles 1, smallpox 3, and tuberculosis 2.

MINNESOTA—St. Paul.—Month of March, 1908. Estimated population, 220,000. Total number of deaths reported to the department of health, 211, including diphtheria 7, scarlet fever 1, enteric fever 1, measles 1, whooping cough 2, and 22 from tuberculosis. Cases: Diphtheria 39, measles 72, scarlet fever 86, and smallpox 84.

Stillwater.—Month of April, 1908. Census population, 12,318. Total number of deaths, 11, including 2 from diphtheria. Cases: Diphtheria 6 and smallpox 1.

NEW HAMPSHIRE—Concord.—Month of April, 1908. Estimated population, 20,000. Total number of deaths, 46, including 4 from tuberculosis. Cases: Measles 4, enteric fever 1, diphtheria 3, scarlet fever 2, and tuberculosis 4.

Franklin.—Month of April, 1908. Estimated population, 6,000. Total number of deaths, 6. Cases: Measles 7, diphtheria 2, enteric fever 1, and scarlet fever 5.

NEW JERSEY—Morristown.—Month of April, 1908. Estimated population, 12,500. Total number of deaths, 21. Cases: Tuberculosis 3, measles 4, and scarlet fever 10.

NEW YORK—Saratoga Springs.—Month of April, 1908. Estimated population, 11,822. Total number of deaths, 31, including 2 from tuberculosis. Cases: Measles 3 and tuberculosis 2.

OHIO—Ashtabula.—Month of April, 1908. Estimated population, 18,000. Total number of deaths, 38, including 4 from enteric fever. Cases: Enteric fever 10, measles 10, and scarlet fever 2.

Canton.—Month of March, 1908. Estimated population, 40,000. Total number of deaths not reported. Six deaths from tuberculosis and 1 from diphtheria. Cases: Diphtheria 6, scarlet fever 13, and tuberculosis 6.

Zanesville.—Month of April, 1908. Estimated population, 30,000. Total number of deaths, 29, including 5 from tuberculosis. Cases: Enteric fever 7, scarlet fever 11, diphtheria 4, and smallpox 3.

PENNSYLVANIA—*Dunmore.*—Month of April, 1908. Estimated population, 17,500. Total number of deaths, 19, including 1 from diphtheria. Cases: Scarlet fever 1, diphtheria 1, and measles 5.

South Bethlehem.—Month of April, 1908. Estimated population, 18,000. Total number of deaths, 19, including enteric fever 1 and 1 from tuberculosis. Cases: Measles 9, enteric fever 2, diphtheria 2, and scarlet fever 6.

Wilkesburg.—Nine days ended May 7, 1908. Estimated population, 20,000. Total number of deaths 7, including 1 from tuberculosis. Cases: Measles 6.

SOUTH CAROLINA—*Charleston.*—Month of April, 1908. Estimated population, 65,000. Total number of deaths, 90, including enteric fever 1, and tuberculosis 13. Cases: Diphtheria 2, enteric fever 6, and scarlet fever 3.

VIRGINIA—*Newport News.*—Month of April, 1908. Estimated population, 28,749. Total number of deaths reported, 42, including enteric fever 2 and 4 from tuberculosis. Cases: Diphtheria 2 and smallpox 1.

WASHINGTON—*Seattle.*—Month of March, 1908. Estimated population, 240,000. Total number of deaths, 185, including diphtheria 2, enteric fever 1, and 26 from tuberculosis. Cases: Diphtheria 56, enteric fever 4, measles 12, scarlet fever 12, smallpox 35, and tuberculosis 5.

WISCONSIN—*Beloit.*—Two weeks ended May 7, 1908. Estimated population, 16,000. Total number of deaths, 10, including 3 from tuberculosis. Cases: Diphtheria 1, measles 1, scarlet fever 1, smallpox 1, and tuberculosis 1.

Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, December 28, 1907, to May 15, 1908.

For reports received from June 28, 1907, to December 27, 1907, see PUBLIC HEALTH REPORTS for December 27, 1907.

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

Place.	Date.	Cases.	Deaths.	Remarks.
Alabama:				And vicinity. Report for November received out of date. No cases in December.
Madison County.....	Jan. 1-Apr. 8.....	50	.....
Mobile County.....	Jan. 1-Apr. 30.....	26	.....
Mobile.....	Nov. 2-Mar. 8.....	49	.....
Total for State.....		125	.....
Arizona:				
Benson.....	Jan. 26-Feb. 10...	5	.....
Bisbee.....	Nov. 14-Jan. 19...	18	.....
Total for State.....		23	.....

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
California:				
General	Feb. 1-29		2	
Berkeley	Dec. 15-Apr. 4	3		
Los Angeles	Dec. 15-Apr. 18	142	1	Case Feb. 18 from ss. Santa Barbara.
Oakland	Nov. 1-Mar. 31	92		Report for February not yet received.
Sacramento	Dec. 1-Mar. 31	6		
San Bernardino	Dec. 11-Mar. 20	11		
San Diego	Dec. 1-31	1		
San Francisco	Dec. 15-Apr. 25	178		Jan. 18, 1 case in San Francisco Quarantine Station from ss. Mongolia.
San Jose	Nov. 1-Mar. 31	126		
Stockton	Mar. 1-31	1		
Total for State		555	3	
Colorado:				
Adams County	Nov. 1-Dec. 31	12		
Bent County	Nov. 1-30	4		
Boulder County	Nov. 1-30	1		
El Paso County—				
Colorado Springs	Nov. 1-Jan. 31	15		
Denver County—				
Denver	Nov. 1-Dec. 31	20		
Garfield County	Dec. 1-31	52		
Grand County	Dec. 1-31	1		
Larimer County	Nov. 1-Dec. 31	8		
Lincoln County	Dec. 1-31	1		
Mesa County	Nov. 1-Dec. 31	6		
Otero County	Nov. 1-Dec. 31	47		
Prowers County	Nov. 1-Dec. 31	60		
Pueblo County	Nov. 1-Dec. 31	3		
Sedgwick County	Nov. 1-30	1		
Total for State		231		
Connecticut:				
New Britain	Dec. 1-Jan. 31	3		
Total for State		3		
District of Columbia:				
Washington	Dec. 15-May 2	154		
Total for District		154		
Florida:				
Jacksonville	Mar. 8-28	2		
Marianna	Mar. 31-Apr. 6	2		
Tampa	Mar. 8-21	2		
De Funiak Springs	Mar. 8-14	4		
Tarpon Springs	Dec. 15-Jan. 4	5		
Total for State		15		
Georgia:				
Augusta	Jan. 22-Mar. 31	3		Imported.
Total for State		3		
Illinois:				
Bond County	Feb. 1-29	1		
Bureau County	Feb. 1-29	1		
Champaign County	Jan. 1-Feb. 29	13		
Champaign	Jan. 1-Feb. 29	10		
Clay County	Feb. 1-29	30		
Cook County	Jan. 1-Feb. 29	18		
Chicago	Jan. 4-May 2	55		
Crawford County	Jan. 4-Feb. 29	31		
Oblong	Dec. 1-31	56		
Dekalb County	Feb. 1-29	5		
Douglas County	Jan. 1-31	2		
Edwards County	Jan. 1-31	2		
Ford County	Jan. 1-Feb. 29	65		
Franklin County	Jan. 1-Feb. 29	16		
Fulton County	Jan. 1-Feb. 29	11		
Henry County	Feb. 1-29	3		
Jackson County	Feb. 1-29	4		
Johnson County	Jan. 1-Feb. 29	8		
Kendall County	Feb. 1-29	1		

Present in December.

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Illinois—Continued.				
Knox County.....	Feb. 1-29.....	3		
Galesburg.....	Apr. 12-May 2.....	7		
Lake County.....	Jan. 1-Feb. 29.....	6		
LaSalle County.....	Feb. 1-29.....	1		Present in December.
Lawrence County.....	Jan. 1-Feb. 29.....	4		
Lee County.....	Feb. 1-29.....	1		
Livingston County.....	Dec. 1-Jan. 31.....	20		
Logan County.....	Dec. 1-Feb. 29.....	4		
Macon County.....	Jan. 1-Feb. 29.....	2		
Macoupin County.....	Jan. 1-Feb. 29.....	8		
Madison County—				
Alton.....	Dec. 1-31.....	1		
Marion County.....	Jan. 1-Feb. 29.....	40		
Marshall County.....	Feb. 1-29.....	2		
Mason County.....	Dec. 1-Feb. 29.....	180		
McLean County.....	Jan. 1-Feb. 29.....	18		Do.
Menard County.....	Jan. 1-Feb. 29.....	15		
Montgomery County.....	Jan. 1-Feb. 29.....	7		
Morgan County.....	Jan. 1-Feb. 29.....	17		
Jacksonville.....	Jan. 5-May 2.....	5		
Ogle County.....	Feb. 1-29.....	1		
Peoria County.....	Jan. 1-Feb. 29.....	12		
Peoria.....	Jan. 1-Feb. 29.....	16		
Perry County.....	Jan. 1-Feb. 29.....	21		
Platt County.....	Dec. 1-Feb. 29.....	31		
Pike County.....	Jan. 1-Feb. 29.....	2		Do.
Rock Island County—				
Rock Island.....	Mar. 15-Apr. 25.....	6		
Saline County.....	Feb. 1-29.....	3		Do.
Sangamon County.....	Dec. 1-Feb. 29.....	101		
Springfield.....	Dec. 15-Apr. 30.....	172		
Scott County.....	Jan. 1-31.....	13		
Schuyler County.....	Feb. 1-29.....	1		
Shelby County.....	Feb. 1-29.....	1		
Stark County.....	Jan. 1-31.....	3		
Stephenson County.....	Dec. 1-Feb. 29.....	20		
Ridott.....	Dec. 1-31.....	39		
Tazewell County.....	Jan. 1-31.....	6		
Vermillion County.....	Jan. 1-Feb. 29.....	3		
Danville.....	Jan. 1-May 3.....	5		
Warren County.....	Feb. 1-29.....	1		
Whiteside County.....	Jan. 1-Feb. 29.....	3		Do.
Winnebago County—				
Rockford.....	Jan. 1-May 2.....	33		
Total for State.....		1,163		
Indiana:				
Adams County.....	Feb. 1-29.....	6		
Allen County.....	Dec. 1-Jan. 31.....	5		
Fort Wayne.....	Mar. 1-Apr. 25.....	6		
Bartholomew County.....	Nov. 1-Dec. 31.....	3		
Cass County.....	Dec. 1-Jan. 31.....	2		
Clark County.....	Jan. 1-Feb. 29.....	9		
Clay County.....	Nov. 1-30.....	2		
Clinton County.....	Dec. 1-31.....	15		
Daviess County.....	Nov. 1-30.....	3		
Dearborn County.....	Feb. 1-29.....	1		
DeKalb County.....	Feb. 1-29.....	2		
Delaware County—				
Muncie.....	Dec. 29-May 4.....	41	1	
Dubois County.....	Feb. 1-29.....	5		
Elkhart County.....	Dec. 1-Feb. 29.....	41		
Elkhart.....	Dec. 22-Apr. 4.....	23		
Floyd County.....	Jan. 1-Feb. 29.....	10		
Fountain County.....	Jan. 1-31.....	2		
Franklin County.....	Feb. 1-29.....	31		
Fulton County.....	Jan. 1-Feb. 29.....	31		
Grant County.....	Dec. 1-Feb. 29.....	30		
Marion.....	Jan. 1-Mar. 31.....	19		
Greene County.....	Feb. 1-29.....	3		
Hamilton County.....	Jan. 1-31.....	10		
Hancock County.....	Feb. 1-29.....	1		
Harrison County.....	Jan. 1-31.....	2		
Hendricks County.....	Jan. 1-Feb. 29.....	10		
Henry County.....	Feb. 1-29.....	2		
Howard County.....	Jan. 1-Feb. 29.....	12		
Huntington County.....	Jan. 1-31.....	8		
Jefferson County.....	Feb. 1-29.....	3		
Johnson County.....	Dec. 1-Feb. 29.....	6		
Kosciusko County.....	Jan. 1-Feb. 29.....	4		
Lagrange County.....	Nov. 1-Jan. 31.....	104		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Indiana—Continued.				
Lake County	Jan. 1-31	1		
Laporte County	Feb. 1-29	2		
Lawrence County	Dec. 1-Feb. 29	10		
Madison County	Nov. 1-Feb. 29	99		
Anderson	Feb. 1-Apr. 30	3		
Marion County	Dec. 1-Feb. 29	6		
Indianapolis	Dec. 16-May 3	77	2	
Marshall County	Nov. 1-Feb. 29	18		
Miami County	Nov. 1-Dec. 31	6		
Monroe County	Dec. 1-Feb. 29	49		
Noble County	Nov. 1-Feb. 29	20		
Parke County	Nov. 1-Dec. 31	2		
Pulaski County	Jan. 1-31	1		
Randolph County	Jan. 1-31	1		
Rush County	Dec. 1-31	1		
Shelby County	Jan. 1-Feb. 29	28		
Steuben County	Jan. 1-Feb. 29	15		
St. Joseph County	Dec. 1-Jan. 31	16		
South Bend	Dec. 22-Apr. 11	7		
Sullivan County	Nov. 1-30	1		
Tippecanoe County	Feb. 1-29	1		
La Fayette	Dec. 17-May 4	11		
Tipton County	Jan. 1-Feb. 29	9		
Vanderburg County— Evansville	Mar. 22-Apr. 4	2		
Vigo County	Dec. 1-31	1		
Terre Haute	Dec. 22-Jan. 25	11		
Wabash County	Jan. 1-Feb. 29	29		
Wayne County	Nov. 1-Feb. 29	22		
Wells County	Jan. 1-Feb. 29	11		
Total for State		910	3	
Iowa, general				
Burlington	Nov. 1-Jan. 31		2	Received out of date.
Cedar Rapids	Mar. 1-Nov. 30	2		
Council Bluffs	Jan. 2-Mar. 31	18		
Davenport	July 1-Apr. 3	50		
New London	Jan. 1-Apr. 30	20		
Ottumwa	Mar. 28	1		Imported.
Sioux City	Jan. 26-May 2	25		
	Feb. 2-Apr. 30	59	2	
Total for State		175	4	
Kansas:				
Allen County	Nov. 1-Feb. 29	66		
Anderson County	Jan. 1-31	14		
Atchison County	Dec. 1-Feb. 29	85		
Atchison	Nov. 1-Feb. 29	156		
Barber County	Jan. 1-Feb. 29	14		
Barton County	Dec. 1-Feb. 29	34		
Bourbon County	Dec. 1-Feb. 29	4		
Brown County	Nov. 1-Jan. 31	6		
Butler County	Nov. 1-Feb. 29	9		
Cherokee County	Dec. 1-Feb. 29	100		
Galena	Dec. 22-28	17		
Clay County	Feb. 1-29	1		
Coffey County	Jan. 1-Feb. 29	34		
Cowley County	Feb. 1-29	6		
Crawford County	Jan. 1-Feb. 29	3		
Decatur County	Dec. 1-31	2		
Doniphan County	Jan. 1-31	2		
Douglas County	Jan. 1-Feb. 29	3		
Edwards County	Feb. 1-29	1		
Elliis County	Dec. 1-Feb. 29	3		
Finney County	Jan. 1-31	2		
Ford County	Jan. 1-Feb. 29	16		
Franklin County	Jan. 1-31	2		
Graham County	Feb. 1-29	25		
Greenwood County	Jan. 1-Feb. 29	10		
Harper County	Jan. 1-31	3		
Harvey County	Jan. 1-Feb. 29	5		
Jefferson County	Jan. 1-Feb. 29	7		
Kingman County	Jan. 1-31	4		
Labette County	Dec. 1-Feb. 29	10		
Parsons	Nov. 1-Feb. 29	29		
Leavenworth County	Jan. 1-Feb. 29	10		
Leavenworth	Nov. 1-30	3		
Lyon County	Feb. 1-29	3		
Marshall County	Feb. 1-29	35		
Meade County	Feb. 1-29	1		
Mitchell County	Dec. 1-Jan. 31	11		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Kansas—Continued.				
Montgomery County	Jan. 1-Feb. 29	22		
Coffeyville	Jan. 1-Feb. 29	9		
Nemaha County	Dec. 1-Feb. 29	29	1	
Neosho County	Feb. 1-29	16		
Osage County	Feb. 1-28	10		
Pawnee County	Jan. 1-31	1		
Phillips County	Nov. 1-Feb. 29	3		
Pratt County	Dec. 1-31	11		
Reno County	Dec. 1-Feb. 29	76		
Republic County	Dec. 1-Feb. 29	64		
Riley County	Jan. 1-31	4		
Rush County	Jan. 1-31	3		
Saline County	Nov. 1-Feb. 29	37		
Scott County	Jan. 1-Feb. 29	53		
Sedgwick County	Jan. 1-Feb. 29	5		
Wichita	Dec. 15-May 2	147		
Seward County	Feb. 1-29	2		
Shawnee County	Nov. 1-Feb. 29	32		
Topeka	Dec. 29-May 2	83		
Sheridan County	Nov. 1-Feb. 29	14		
Stafford County	Dec. 1-31	6		
Sumner County	Jan. 1-Feb. 29	28		
Thomas County	Feb. 1-29	1		
Wabaunsee County	Jan. 1-Feb. 29	52		
Washington County	Feb. 1-29	21		
Woodson County	Feb. 1-28	1		
Wyandotte County	Dec. 1-Jan. 31	5		
Kansas City	Dec. 29-May 2	141		
Total for State		1,627	1	
Kentucky:				
Covington	Dec. 15-Mar. 21	20		
Georgetown	Jan. 1-Feb. 21	26		
Henderson	Apr. 1-30	3		
Lewis County	Mar. 8-Apr. 4	35		
Lexington	Dec. 22-Apr. 11	26		
Lovellsville	Jan. 1-Feb. 29	8		
Total for State		118		
Louisiana:				
Hornbeck	Dec. 29-Apr. 13	34		
Lake Charles	Apr. 14	2		
Napoleonville	Feb. 1-Apr. 30	12		
New Orleans	Dec. 22-May 2	149	7	Mainly imported.
Total for State		197	7	
Maine:				
Limestone	Feb. 28-Apr. 3	1		
Somerset County	Dec. 12-Jan. 8	10		Outbreak in lumber camp.
Total for State		11		
Maryland:				
Baltimore	Dec. 22-Apr. '18	4		
Montgomery County— Conduit road	Mar. 1-21	5		
Total for State		9		
Massachusetts:				
Boston	Dec. 15-21	1		
Fall River	Dec. 22-Feb. 8	8	5	
Melrose	Feb. 9-15	3		
Total for State		12	5	
Michigan:				
Alcona County	Jan. 1-31	1		
Alpena County	Jan. 1-31	1		
Barry County	Jan. 1-31	5		
Bay County	Dec. 1-Jan. 31	13		
Benzie County	Jan. 1-31	1		
Berrien County	Dec. 1-Jan. 31	5		
Branch County	Nov. 1-Jan. 31	8		
Calhoun County	Nov. 1-Jan. 31	47		
Battle Creek	Nov. 1-Jan. 31	17		
Caas County	Nov. 1-Jan. 31	4		
Chippewa County	Dec. 1-31	16		
Sault Sainte Marie	Nov. 1-Jan. 31	11		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Michigan—Continued.				
Clinton County.....	Nov. 1-Jan. 31....	13		
Crawford County.....	Nov. 1-30.....	1		
Eaton County.....	Nov. 1-Jan. 31....	18		
Emmet County.....	Nov. 1-Jan. 31....	24		
Genesee County.....	Dec. 1-Jan. 31....	6		
Grand Traverse County.....	Nov. 1-Jan. 31....	13		
Gratiot County.....	Nov. 1-Jan. 31....	5		
Hillsdale County.....	Dec. 1-Jan. 31....	6		
Huron County.....	Nov. 1-Jan. 31....	36		
Ingham County.....	Nov. 1-Jan. 31....	4		
Lansing.....	Dec. 1-Jan. 31....	4		
Ionia County.....	Nov. 1-30.....	1		
Isabella County.....	Jan. 1-31.....	1		
Jackson County.....	Nov. 1-Jan. 31....	16		
Kalamazoo County—				
Kalamazoo.....	Mar. 22-Apr. 25....	10		
Kent County.....	Nov. 1-Jan. 31....	4		
Grand Rapids.....	Dec. 29-Apr. 25....	30		
Lake County.....	Jan. 1-31.....	1		
Lapeer County.....	Nov. 1-30.....	1		
Leelanaw County.....	Dec. 1-31.....	3		
Lenawee County.....	Jan. 1-31.....	1		
Luce County.....	Dec. 1-31.....	1		
Manistee County.....	Nov. 1-Jan. 31....	68		
Manistee.....	Nov. 1-Jan. 31....	142		
Mason County.....	Nov. 1-Jan. 31....	6		
Ludington.....	Nov. 1-Jan. 31....	17		
Menominee County.....	Dec. 1-31.....	1		
Montcalm County.....	Nov. 1-Dec. 31....	12		
Muskegon County.....	Jan. 1-31.....	1		
Newaygo County.....	Jan. 1-31.....	4		
Oakland County.....	Jan. 1-31.....	12		
Oceana County.....	Dec. 1-Jan. 31....	64		
Ogemaw County.....	Jan. 1-31.....	2		
Osceola County.....	Dec. 1-Jan. 21....	28	2	
Otsego County.....	Dec. 1-31.....	2		
Ottawa County.....	Nov. 1-Jan. 31....	13		
Saginaw County.....	Dec. 1-Jan. 31....	6		
Saginaw.....	Dec. 15-May 2....	135		
St. Clair County—				
Port Huron.....	Mar. 15-May 2....	11		
St. Joseph County.....	Nov. 1-Jan. 31....	19		
Sanilac County.....	Dec. 1-31.....	7		
Shiawassee County.....	Jan. 1-31.....	1		
Tuscola County.....	Nov. 1-Jan. 31....	7		
Van Buren County.....	Nov. 1-Jan. 31....	26		
Wayne County—				
Detroit.....	Jan. 12-Apr. 25....	14		
Wexford County.....	Dec. 1-Jan. 31....	21		
Total for State.....		947	2	
Minnesota:				
Aitkin County.....	Dec. 31-Jan. 20....	3		
Anoka County.....	Feb. 24-Mar. 2....	2		
Becker County.....	Nov. 27-Mar. 16....	23		
Beltrami County.....	Dec. 31-Mar. 6....	22		
Benton County.....	Dec. 31-Mar. 16....	9		
Bigstone County.....	Dec. 3-Mar. 9....	12		
Blue Earth County.....	Nov. 27-Mar. 16....	111		
Brown County.....	Dec. 9-Mar. 16....	48		
Carlton County.....	Jan. 13-Mar. 16....	3		
Carver County.....	Jan. 13-Mar. 16....	50		
Cass County.....	Nov. 27-Mar. 16....	24		
Chippewa County.....	Dec. 3-Feb. 24....	20		
Chisago County.....	Dec. 3-Mar. 9....	66		
Clay County.....	Dec. 17-Mar. 16....	58		
Cottonwood County.....	Dec. 17-Mar. 9....	46		
Crow Wing County.....	Dec. 31-Feb. 10....	4		
Dakota County.....	Nov. 27-Mar. 9....	197	2	
Dodge County.....	Jan. 14-Mar. 9....	4		
Douglas County.....	Feb. 24-Mar. 2....	1		
Faribault County.....	Dec. 31-Mar. 16....	39		
Fillmore County.....	Dec. 10-Mar. 16....	12		
Freeborn County.....	Dec. 24-Mar. 16....	9		
Goodhue County.....	Dec. 24-Mar. 9....	15		
Hennepin County.....	Nov. 27-Mar. 9....	108		
Minneapolis.....	Nov. 27-Mar. 9....	348	1	
Houston County.....	Dec. 10-Mar. 16....	4		
Hubbard County.....	Dec. 24-Mar. 16....	28		
Isanti County.....	Feb. 3-Mar. 16....	6		
Itaska County.....	Dec. 10-Mar. 16....	12		
Jackson County.....	Jan. 7-13.....	1		
Kanabec County.....	Dec. 17-Jan. 20....	25		
Kandiyohi County.....	Dec. 24-Mar. 16....	33		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Minnesota—Continued.				
Kittson County.....	Dec. 10—Mar. 16...	8		
Koochiking County.....	Jan. 14—Feb. 24...	4		
Lac qui Parle County.....	Dec. 31—Mar. 16...	8		
Lake County.....	Feb. 8—10.....	2		
Lesueur County.....	Dec. 3—Mar. 16....	28		
Lincoln County.....	Feb. 3—Mar. 16....	38		
Lyon County.....	Jan. 27—Mar. 16....	3		
McLeod County.....	Jan. 14—Mar. 24....	4		
Marshall County.....	Jan. 7—13.....	1		
Martin County.....	Jan. 14—Mar. 16....	210	1	
Meeker County.....	Jan. 7—Mar. 16....	34		
Millelacs County.....	Dec. 17—23.....	1		
Morrison County.....	Nov. 27—Mar. 16....	120		
Murray County.....	Nov. 27—Mar. 9....	9		
Nicollet County.....	Nov. 27—Mar. 16....	151		
Nobles County.....	Jan. 7—Mar. 16....	23		
Norman County.....	Jan. 21—Mar. 16....	8		
Olmstead County.....	Jan. 28—Mar. 16....	15		
Ottertail County.....	Dec. 24—Mar. 16....	139		
Pine County.....	Nov. 27—Mar. 16....	36		
Pipestone County.....	Dec. 24—Mar. 16....	7		
Polk County.....	Nov. 27—Mar. 16....	65		
Pope County.....	Mar. 9—16.....	1		
Ramsey County.....	Dec. 31—Mar. 16....	31		
St. Paul.....	Oct. 1—Mar. 16....	334	1	
Red Lake County.....	Jan. 14—Mar. 16....	5		
Redwood County.....	Feb. 24—Mar. 16....	2		
Renville County.....	Dec. 3—Mar. 16....	8		
Rice County.....	Jan. 7—Mar. 16....	28		
Rock County.....	Mar. 3—9.....	1		
St. Louis County.....	Dec. 3—Mar. 9....	66		
Duluth.....	Dec. 3—Mar. 16....	224		
Scott County.....	Dec. 17—Feb. 17....	38		
Sherburne County.....	Dec. 10—Mar. 16....	24		
Sibley County.....	Dec. 10—Mar. 16....	24		
Stearns County.....	Dec. 10—Mar. 16....	215		
Steele County.....	Nov. 27—Mar. 16....	39		
Swift County.....	Dec. 3—Feb. 17....	17		
Todd County.....	Dec. 10—Mar. 16....	187		
Traverse County.....	Jan. 21—Feb. 10....	4		
Wabasha County.....	Dec. 3—Mar. 16....	40		
Wadena County.....	Feb. 3—Mar. 16....	9		
Waseka County.....	Jan. 8—Feb. 24....	12		
Washington County.....	Nov. 27—Mar. 9....	17		
Stillwater.....	Apr. 1—30.....	1		
Wantonwan County.....	Feb. 3—Mar. 2.....	2		
Wilkin County.....	Dec. 3—Mar. 16....	36		
Winona County.....	Dec. 15—Feb. 17....	29		
Winona.....	Dec. 15—Apr. 11....	22		
Wright County.....	Dec. 1—Mar. 16....	76		
Yellow Medicine County.....	Feb. 14—Mar. 16....	5		
Total for State.....		3,699	5	
Mississippi:				
Harrison County—				
Gulfport.....	Feb. 18—Apr. 24....	2		
Long Beach.....	Mar. 19.....	1		
Perry County—				
Epps.....	Jan. 15.....	1		
Hattiesburg.....	June 1—Jan. 15....	29		And vicinity.
Washington County.....	Dec. 30—Jan. 18....	3		
Greenville.....	Feb. 1—Mar. 31....	8		
Total for State.....		44		
Missouri:				
Buchanan County—				
St. Joseph.....	Dec. 15—May 2.....	373	2	
Christian County—				
Osark.....	Feb. 13—Apr. 13....	17		
Cole County—				
Jefferson City.....	Jan. 1—9.....	8		
Jackson County—				
Kansas City.....	Dec. 29—May 2.....	167	2	
Marion County—				
Hannibal.....	Feb. 4—10.....	2		
Putnam County.....	Jan. 1—31.....	32		
St. Louis City County—				
St. Louis.....	Dec. 15—Apr. 25....	42		
Worth County.....	Jan. 1—31.....	6		
Total for State.....		647	4	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Montana:				
Broadwater County	Dec. 1-31	1		
Cascade County	Dec. 1-31	1		
Great Falls	Feb. 1-28	1		
Deerlodge County	Feb. 1-29	1		
Fergus County	Nov. 1-30	1		
Flathead County	Dec. 1-Feb. 29	4		
Jefferson County	Jan. 1-Feb. 29	6		
Lewis and Clarke County—				
Helena	Dec. 1-Feb. 29	4		
Missoula County	Nov. 1-Feb. 29	8		
Missoula	Dec. 1-Feb. 29	31		
Park County	Dec. 1-Jan. 31	5		
Powell County	Dec. 1-31	2		
Ravalli County	Nov. 1-30	1		
Sanders County	Jan. 1-Feb. 29	3		
Silverbow County	Nov. 1-Feb. 29	13		
Butte	Jan. 15-Apr. 21	20		
Yellowstone County	Nov. 1-30	3		
Billings	Feb. 1-28	3		
Total for State		108		
Nebraska:				
Benson	Jan. 9-Mar. 15	9		
Lincoln	Nov. 1-Feb. 29	32		
Nebraska City	Dec. 8-Apr. 26	51		
Omaha	Oct. 1-15	89		Epidemic in vicinity.
Richardson County—				
Falls City	Mar. 1-31	13		And vicinity.
Rulo	Feb. 1-Apr. 30	35		Epidemic in vicinity.
Total for State		229		
New Jersey:				
Newark	Mar. 8-21	2		
Total for State		2		
New Mexico:				
Albuquerque	To Jan. 26	15		
Total for State		15		
New York:				
Allegany County	Dec. 1-31	3		
Caneadea	Jan. 1-Feb. 29	9		
Cayuga County	Nov. 8-30	4		
Clinton County	Nov. 8-30	1		
Delaware County	Jan. 1-Feb. 29	9		
Dutchess County	Jan. 1-Apr. 2	61		
Poughkeepsie	Jan. 1-31	8		
Erie County—				
Buffalo	Jan. 1-Apr. 30	7		
Fulton County	Mar. 1-Apr. 30	16		
Greene County	Jan. 1-30	1		
Herkimer County	Jan. 1-Apr. 30	9		
Jefferson County	Nov. 8-Apr. 30	10		
Lewis County	Nov. 8-Feb. 29	47		
Montgomery County	Feb. 1-Mar. 31	2		
New York County—				
New York	Dec. 15-May 2	20		
Niagara County	Jan. 1-Apr. 30	14		
Niagara Falls	Dec. 15-May 2	10		
Oneida County	Nov. 8-Jan. 31	19		
Utica	Jan. 1-31	4		
Onondaga County—				
Syracuse	Dec. 15-24	1		
Orange County	Nov. 8-Mar. 31	81		
Oswego County	Nov. 8-Dec. 31	17		
Otsego County	Jan. 1-31	3		
St. Lawrence County	Jan. 1-Apr. 30	41		
Saratoga County	Feb. 1-29	1		
Schenectady County—				
Schenectady	Nov. 8-Jan. 31	4		
Seneca County	Feb. 1-Apr. 30	11		
Tompkins County	Nov. 8-Dec. 31	3		
Ulster County	Jan. 1-Mar. 31	48		
Kingston	Nov. 8-Apr. 11	156		
Washington County	Mar. 1-31	2		
Wayne County	Jan. 1-31	1		
Westchester County	Nov. 8-Jan. 31	4		
Yates County	Apr. 1-30	1		
Total for State		628		State of, 265 cases, Jan. 1-31; 71 cases Feb. 1-29.

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
North Carolina:				
Alamance County	Dec. 1-Feb. 29	59		
Alleghany County	Jan. 1-Feb. 29	1		
Ashe County	Nov. 1-Feb. 29	2		
Bertie County	Jan. 1-Feb. 29	6		
Cabarrus County	Dec. 1-Jan. 31	65		
Camden County	Jan. 1-Feb. 29	16		
Chatham County	Feb. 1-29	5		
Chowan County	Dec. 1-Feb. 29	16		
Columbus County	Jan. 1-31	1		
Currifuck County	Dec. 1-Feb. 29	5		
Davie County	Nov. 1-Feb. 29	24		
Durham County	Jan. 1-31	1		
Edgecombe County	Dec. 1-Jan. 31	5		
Forsyth County	Nov. 1-Feb. 29	38		
Gaston County	Dec. 1-Jan. 31	5		
Guilford County	Nov. 1-Feb. 29	116		
Greensboro	Dec. 15-Jan. 18	11		
Iredell County	Feb. 1-28	8		
Jackson County	Feb. 1-28	40		
Johnston County	Nov. 1-Feb. 29	49		
Madison County	Jan. 1-Feb. 29	2		
Mecklenburg County— Charlotte	Feb. 9-May 2	10		
New Hanover County	Jan. 1-Feb. 29	4		
Orange County	Nov. 1-Feb. 29	17		
Pasquotank County	Feb. 1-29	1		
Pender County	Jan. 1-Feb. 29	2		
Perquimans County	Dec. 1-31	1		
Pitt County	Nov. 1-Feb. 29	12		
Randolph County	Jan. 1-Feb. 29	33		
Robeson County	Nov. 1-30	2		
Rockingham County	Nov. 1-Feb. 29	53		
Rowan County	Dec. 1-Jan. 31	39		
Sampson County	Nov. 1-30	1		
Wake County	Dec. 1-Feb. 29	3		
Wayne County	Dec. 1-Feb. 29	4		
Wilkes County	Feb. 1-29	150		
Yadkin County	Jan. 1-31	1		
Total for State		808		
North Dakota:				
Wells County	Dec. 21-Feb. 22	20		
Fessenden	Dec. 21-Feb. 22	20		
Total for State		40		
Ohio:				
Bucyrus	Apr. 22-25	1		
Chillicothe	Mar. 3-29	18		
Cincinnati	Dec. 21-May 1	228	3	
Cleveland	Mar. 15-20	1		
Dayton	Jan. 5-Apr. 18	9		
Holloway	Feb. 22-Mar. 19	15		
Lorain	Dec. 29-Jan. 4	2		
Murray	Mar. 1-Apr. 13	25		
Piqua	May 1-Aug. 31	21		
Sandusky	Mar. 1-7	1		
Tippecanoe	Jan. 15-Mar. 14	33		
Toledo	Dec. 29-Apr. 18	18		
Warren	Feb. 9-Apr. 4	2		
Zanesville	Feb. 1-Apr. 30	6		
Total for State		380	3	
Oklahoma:				
Oklahoma City	Dec. 22-28	7		
Total for State		7		
Oregon:				
Baker County	Nov. 1-Feb. 29	47		
Benton County	Dec. 1-Jan. 31	11		
Clackamas County	Dec. 1-Jan. 31	13		
Grant County	Nov. 1-Dec. 31	56		
Jackson County	Feb. 1-29	4		
Klamath County	Nov. 1-30	2		
Linn County	Jan. 1-Feb. 29	16		
Multnomah County	Jan. 1-Feb. 29	5		
Portland	Nov. 1-Mar. 7	33		
Sherman County	Feb. 1-29	6		
Umatilla County	Jan. 1-Feb. 19	5		

Imported.

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Oregon—Continued.				
Union County	Jan. 1-Feb. 29	15		
Wallowa County	Nov. 1-Dec. 31	11		
Wasco County	Jan. 1-Feb. 29	4		
Washington County	Dec. 1-Jan. 31	4		
Wheeler County	Dec. 1-31	42		
Total for State		274		
Pennsylvania:				
Erie	Dec. 20-26	2		
Harrisburg	Jan. 1-22	3		
Merion	Jan. 26-Feb. 19	1		
Pittsburg	Feb. 9-15	1		
Sayre	Mar. 14-Apr. 11	2		
Williamsport	Jan. 26-Feb. 1	1		
Total for State		10		
South Dakota:				
Sioux Falls	Nov. 1-Feb. 1	26		
Total for State		26		
Tennessee:				
Franklin	Dec. 1-Jan. 11	20		
Knoxville	Dec. 15-May 2	55		
Memphis	Dec. 22-Apr. 12	19		
Nashville	Dec. 15-May 2	142		
Sumner County	Nov. 29-Jan. 13	3		
Total for State		239		
Texas:				
Aransas County	Feb. 1-28	1		
Anderson County	Dec. 1-Jan. 31	3		
Archer County	Jan. 1-29	2		
Atascosa County	Feb. 1-29	3		
Bell County	Feb. 1-29	42		
Bexar County—				
San Antonio	Dec. 15-May 2	142	1	
Blanco County	Feb. 1-29	1		
Bosque County	Feb. 1-29	1		
Bowie County	Jan. 1-Feb. 29	17		
Caldwell County	Jan. 1-31	36		
Camp County	Feb. 1-29	1		
Clay County	Feb. 1-29	4		
Coke County	Jan. 1-Feb. 29	11		
Collin County	Feb. 1-29	3		
Cooke County	Feb. 1-29	10		
Denton County	Feb. 1-29	36		
De Witt County	Jan. 1-31	32		
Erath County	Feb. 1-29	3		
Fannin County	Jan. 1-Feb. 29	23		
Fayette County	Feb. 1-29	2		
Freestone County	Jan. 1-Feb. 29	31		
Galveston County—				
Galveston	Feb. 1-Apr. 24	9		
Goliad County	Feb. 1-29	6		
Grayson County	Jan. 1-Feb. 29	10		
Guadalupe County	Jan. 1-Feb. 29	39		
Hardeman County	Dec. 1-Feb. 29	35		
Harris County	Jan. 1-Feb. 29	35		
Houston	Jan. 1-8	6		
Harrison County	Dec. 1-Feb. 29	93		
Haskell County	Feb. 1-29	13		
Hays County	Jan. 1-31	2		
Hill County	Dec. 1-31	1		
Hunt County	Feb. 1-29	82		
Jones County	Feb. 1-29	2		
Karnes County	Feb. 1-29	11		
Lamar County	Jan. 1-Feb. 29	71		
McLennan County	Jan. 1-31	28		
Maverick County—				
Eagle Pass	Mar. 29	1		Imported.
Montague County	Jan. 1-Feb. 29	7		
Morris County	Feb. 1-29	25		
Nacogdoches County	Feb. 1-29	12		
Navarro County	Jan. 1-31	3		
Nueces County	Feb. 1-29	4		
Parker County	Jan. 1-Feb. 29	10		
Potter County	Dec. 1-Jan. 31	6		
Randall County	Feb. 1-29	70		
Refugio County	Jan. 1-31	1		
Robertson County	Jan. 1-31	6		
San Saba	Feb. 1-29	4		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Texas—Continued.				
Scurry County	Jan. 1-Feb. 29	11	.....
Smith County	Jan. 1-31	7	.....
Stephens County	Feb. 1-29	10	.....
Swisher County	Jan. 1-31	6	.....
Tarrant County—				
Fort Worth	Dec. 1-Mar. 31	220	.....
Titus County	Dec. 1-Feb. 29	120	.....
Trinity County	Jan. 1-Feb. 29	3	.....
Uphur County	Jan. 1-Feb. 29	11	.....
Van Zandt County	Feb. 1-29	12	.....
Waller County	Feb. 1-29	1	.....
Ward County	Feb. 1-29	2	.....
Webb County—				
Laredo	Jan. 9	1	.....
Wharton County	Jan. 1-Feb. 29	34	.....
Wichita County	Jan. 1-Feb. 29	50	.....
Williamson County	Jan. 1-31	30	.....
Wilson County	Jan. 1-31	9	.....
Wise County	Jan. 1-31	1	.....
Wood County	Jan. 1-Feb. 29	20	.....
Young County	Jan. 1-31	1	.....
Total for State		1,545	1	
Utah:				
Cache County	Mar. 1-31	18	.....
Davis County	Dec. 1-Mar. 31	10	.....
Grand County	Mar. 1-31	1	.....
Rich County	Mar. 1-31	1	.....
Salt Lake County—				
Salt Lake	Dec. 1-Mar. 31	8	.....
Summit County	Nov. 1-Jan. 31	81	.....
Tooele County	Mar. 1-31	6	.....
Utah County	Oct. 1-Mar. 31	117	.....
Wasatch County	Dec. 1-Feb. 29	20	.....
Weber County	Nov. 1-Feb. 29	26	.....
Ogden	Dec. 1-Mar. 31	91	.....
Total for State		379		
Vermont:				
Newbury	Mar. 12-Apr. 18	10	.....
Total for State		10		
Virginia:				
Buchanan County	Feb. 1-29	1	.....
Caroline County	Jan. 1-31	4	.....	In February, present.
Carroll County	Dec. 1-31	1	.....
Fauquier County	Jan. 1-Feb. 29	8	.....
Floyd County	Dec. 1-Feb. 29	13	.....
Franklin County	Feb. 1-29	20	.....
Giles County	Dec. 1-Feb. 29	83	.....	In January, epidemic.
Goochland County	Jan. 1-31	1	.....
Grayson County	Feb. 1-29	7	.....
Hanover County	Jan. 1-Feb. 29	3	.....
Henrico County—				
Richmond	Jan. 5-Apr. 25	10	.....
Henry County	Jan. 1-Feb. 29 .....	.....	.....	Epidemic.
King William County	Dec. 1-Feb. 29 .....	.....	.....	Do.
Lee County	Dec. 1-Feb. 29	10	.....
Norfolk County—				
Norfolk	Feb. 22-Mar. 13	2	.....	In City Hospital, Craney Island.
Orange County	Feb. 1-29 .....	.....	.....	Present.
Patrick County	Jan. 1-31 .....	.....	.....	Epidemic.
Pittsylvania County	Feb. 1-29	7	.....
Powhatan County	Dec. 1-31	10	.....
Pulaski County	Jan. 1-31	1	.....
Roanoke County	Dec. 1-Feb. 29	40	.....
Roanoke	To Dec. 13	9	.....
Russell County	Jan. 1-31	10	.....
Scott County	Dec. 1-Feb. 29	9	.....
Smyth County	Feb. 1-29	7	.....
Spottsylvania County	Feb. 1-29	1	.....	In January, present.
Stafford County	Jan. 1-29	30	.....
Tazewell County	Dec. 1-31	27	.....
Warwick County—				
Newport News	Jan. 1-Apr. 30	3	.....
Wise County	Dec. 1-31	44	.....
Wythe County	Dec. 1-31 .....	.....	.....	Present.
Total for State		361		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Washington:				
Seattle.....	Nov. 1-Mar. 31.....	121		
Spokane.....	Dec. 15-Apr. 18.....	205	2	
Tacoma.....	Dec. 15-Apr. 25.....	36		
Whatcom County.....	Feb. 15-Mar. 17.....	32		
Total for State.....		394	2	
West Virginia:				
Charleston.....	Mar. 1-31.....	2		
Total for State.....		2		
Wisconsin:				
Ashland County.....	Oct. 1-Dec. 31.....	1		
Barron County.....	Oct. 1-Dec. 31.....	8		
Brown County.....	Oct. 1-Dec. 31.....	17		
Chippewa County.....	Oct. 1-Dec. 31.....	16		
Clark County.....	Oct. 1-Dec. 31.....	16		
Columbia County.....	Oct. 1-Dec. 31.....	4		
Dane County.....	Oct. 1-Dec. 31.....	49		
Door County.....	Oct. 1-Dec. 31.....	8		
Douglas County.....	Oct. 1-Dec. 31.....	50		
Dunn County.....	Oct. 1-Dec. 31.....	7		
Eau Claire County.....	Oct. 1-Dec. 31.....	5		
Fond du Lac County.....	Oct. 1-Dec. 31.....	140		
Forest County.....	Oct. 1-Dec. 31.....	1		
Grant County.....	Oct. 1-Dec. 31.....	8		
Juneau County.....	Oct. 1-Dec. 31.....	2		
Kewaunee County.....	Oct. 1-Dec. 31.....	2		
La Crosse County—				
La Crosse.....	Dec. 15-May 2.....	92	1	
Lafayette County.....	Oct. 1-Dec. 31.....	3		
Manitowoc County—				
Manitowoc.....	Mar. 8-28.....	4		
Marathon County.....	Oct. 1-Dec. 31.....	9		
Marinette County.....	Oct. 1-Dec. 31.....	1		
Milwaukee County.....	Oct. 1-Dec. 31.....	84		
Milwaukee.....	Dec. 15-Apr. 25.....	22		
Monroe County.....	Oct. 1-Dec. 31.....	3		
Oneida County.....	Oct. 1-Dec. 31.....	18		
Outagamie County—				
Appleton.....	Jan. 18-25.....	1		
Pepin County.....	Oct. 1-Dec. 31.....	10		
Pierce County.....	Oct. 1-Dec. 31.....	6		
Polk County.....	Oct. 1-Dec. 31.....	1		
Portage County.....	Oct. 1-Dec. 31.....	1		
Racine County—				
Racine.....	Mar. 15-Apr. 25.....	26		
Rock County.....	Oct. 1-Dec. 31.....	2		
Beloit.....	Apr. 25-May 7.....	1		
Rusk County.....	Oct. 1-Dec. 31.....	1		
St. Croix County.....	Oct. 1-Dec. 31.....	1		
Sauk County.....	Oct. 1-Dec. 31.....	28		
Taylor County.....	Oct. 1-Dec. 31.....	23		
Vernon County.....	Oct. 1-Dec. 31.....	5		
Winnebago County.....	Oct. 1-Dec. 31.....	7		
Oshkosh.....	Jan. 1-25.....	1		
Wood County.....	Oct. 1-Dec. 31.....	5		
Total for State.....		634	1	
Wyoming:				
Laramie.....	Mar. 5-22.....	15		
Total for State.....		15		
Grand total, United States.....		16,774	41	

Plague in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, December 28, 1907, to May 15, 1908.

Place.	Date.	Cases.	Deaths.	Remarks.
California:				
Oakland.....	Sept. 10-Dec. 22....	12	7	
Point Richmond.....	Nov. 27.....	1	1	
San Francisco ^a	Dec. 25-Feb. 17....	24	6	

^aPlague cases are entered in the table under date of verification as plague. From January 1 to February 8 only 2 cases and 1 death from plague occurred at San Francisco. The other cases entered in the table occurred previous to January 1, but have been confirmed since that date.

Yellow fever in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, February 16 to May 15, 1908.

Place.	Date.	Cases.	Deaths.	Remarks.
Texas:				
Galveston.....	Feb. 16-18.....	2	2	In quarantine from ss. Crispin from Manaus and Para and 5 other cases during voyage.

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

[For smallpox, yellow fever, and plague see special tables.]

Cities.	Week ended—	Population, United States census, 1900.	Total deaths from all causes	Tuberculosis.		Enteric fever.		Scarlet fever.		Diphtheria.		Measles.		Whooping cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
				Altoona, Pa.....	May 2	38,973	16
Ann Arbor, Mich.....	do	14,509	9	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Augusta, Ga.....	Apr. 28	39,441	25	2	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	May 5	39,441	20	3	3	5	.....	.....	.....	.....	.....	.....	.....	.....	.....
Baltimore, Md.....	May 2	508,957	205	7	35	3	1	37	1	22	1	63	1	5	1
Bath, Me.....	do	10,477	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bayonne, N. J.....	do	32,722	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Beaver Falls, Pa.....	do	10,054	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Berkeley, Cal.....	Apr. 25	13,214	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Biddeford, Me.....	May 2	18,145	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Binghamton, N. Y.....	do	38,647	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Boston, Mass.....	do	560,892	286	60	31	59	22	81	6	58	2	371	5	.....	1
Braddock, Pa.....	do	15,564	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bradford, Pa.....	do	15,029	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brockton, Mass.....	do	40,068	10	2	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Butte, Mont.....	Apr. 28	30,470	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cambridge, Mass.....	May 2	91,886	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Camden, N. J.....	do	75,985	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carbondale, Pa.....	do	13,536	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Charlotte, N. C.....	do	18,091	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chicago, Ill.....	do	1,698,575	536	39	87	18	.....	75	4	59	10	281	2	11	1
Chicopee, Mass.....	do	19,167	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cincinnati, Ohio.....	May 1	325,902	110	9	14	1	2	7	2	8	1	42	4	4	.....
Cleveland, Ohio.....	do	381,768	133	32	13	3	1	9	.....	.....	.....	69	3	25	1
Clinton, Mass.....	May 2	13,661	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Columbus, Ga.....	Apr. 25	17,614	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	May 2	17,614	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Covington, Ky.....	do	42,988	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Danville, Ill.....	do	16,354	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dayton, Ohio.....	do	85,332	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Detroit, Mich.....	do	285,704	136	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dunkirk, N. Y.....	do	11,616	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Elizabeth, N. J.....	Mar. 7	52,180	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Mar. 14	52,180	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Mar. 21	52,180	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Mar. 28	52,180	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Apr. 4	52,180	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Apr. 11	52,180	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Apr. 18	52,180	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Apr. 25	52,180	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

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.
Elkhart, Ind.	May 2	15,184	4										22		3
Elmira, N. Y.	do	35,672	7			1		1					9		
Erie, Pa.	Apr. 30	52,783	28	3	1	3	1	6							1
Evansville, Ind.	May 2	59,007	23		2	3		2		1					
Everett, Mass.	do	24,336	9		1	3		5		1	1		32		1
Fall River, Mass.	do	104,863	52	4	4			2		1			1		
Findlay, Ohio	do	17,613	7	2	2										
Fort Wayne, Ind.	do	50,947	9					3		1					2
Galesburg, Ill.	do	18,607	1					1							
Galveston, Tex.	May 1	37,789	17	3	2										
Gloucester, Mass.	Apr. 18	26,121	2		1										
Do	May 2	26,121	4												
Grand Rapids, Mich.	May 2	87,565	35	2	1	1	1	8		1			145		4
Greensboro, N. C.	do	10,035	3		1					1			6		
Greenville, S. C.	Apr. 25	11,860	3							1					
Haverhill, Mass.	May 2	37,175	12	3	1	1		2		4			3		2
Hoboken, N. J.	do	59,364						9		3			8		
Hyde Park, Mass.	do	13,244	9	4	2					4			5		
Indianapolis, Ind.	May 3	169,164	61		9	3		2		4			14		2
Jacksonville, Fla.	May 2	28,429	18		2		2			1					
Jacksonville, Ill.	Apr. 18	15,078	12					1							
Do	Apr. 25	15,078	9					1							
Do	May 2	15,078	8							1					
Jersey City, N. J.	May 3	206,433	86	2	14			49	1	6	3		66		
Johnstown, Pa.	May 2	35,936	13		1			7		4			19		
Kalamazoo, Mich.	Apr. 25	24,404	9	3				3							3
Do	May 2	24,404	14	2	2	1		1							4
Kansas City, Kans.	do	51,418	22	4				2		1			2		3
Kansas City, Mo.	do	163,752	58		6		2	2		5			23		4
Kearny, N. J.	do	10,896	6							3			9		
Kingston, N. Y.	do	24,535	8												
Knoxville, Tenn.	do	32,637			2								12		1
La Fayette, Ind.	May 4	18,116	5										4		
Lawrence, Mass.	May 2	62,559	27	2	2	3	2	1					5		
Lebanon, Pa.	do	17,628	10	1				2					8		
Lexington, Ky.	do	26,369	13		3		1						3		
Los Angeles, Cal.	Apr. 18	102,479	67	6	14	1	1	5	1	8			26	1	
Do	Apr. 25	102,479	67	9	17	3	1	5	1	3			8		
Lowell, Mass.	May 2	94,969	40	2	2			1		2	1		20		
Lynn, Mass.	Apr. 25	68,513	29		2	2		7					1		
Malden, Mass.	May 2	33,664	10	1				2		1			50		
Manchester, N. H.	do	56,987	15	1	1	1	1	1		2			1		
Manitowoc, Wis.	do	11,786	3		1										
Medford, Mass.	do	18,244	4	2				1		1			18		
Milwaukee, Wis.	do	285,315	76	25	11	5	2	3		4			18	1	3
Mobile, Ala.	Apr. 25	38,469	21		3					1			18		
Montclair, N. J.	May 2	13,962	9					1					16		
Montgomery, Ala.	May 1	30,345	22		4										
Mount Vernon, N. Y.	May 2	21,228						1					1		
Nanticoke, Pa.	May 4	12,616	6					5		3					
Nashville, Tenn.	May 2	80,865	36	2	4	2	1						3	1	4
Newark, N. J.	do	246,070	93		12	4		61	1	15	1		1		1
New Bedford, Mass.	do	63,442	23	4	2			4		2			23		
Newburyport, Mass.	do	14,478	7	2		2	1			1					6
New Orleans, La.	do	278,104	165	15	18	8	1	16	1	10	1		4		
Newport, R. I.	Apr. 11	22,441	5					1		1					
Do	Apr. 18	22,441	10					1							
Do	May 2	22,441	4					1							
Newton, Mass.	do	33,587	14	1						10	1		19		1
New York, N. Y.	do	3,437,202	1,500	482	178	36	8	855	60	425	425	1,655	41	27	
Niagara Falls, N. Y.	do	19,457	13			3	1	3		1			8		
Norristown, Pa.	do	22,265	5	3				1		1			4		
North Adams, Mass.	do	24,200	7	1		1							1		
Northampton, Mass.	do	18,643	6					2		2			6		
Oneonta, N. Y.	do	7,147	3												
Orange, N. J.	do	24,141	10	4				1	4	3					

ª Intervening week previously reported.

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

Cities.	Week ended—	Popula- tion, United States census 1900.	Total deaths from all causes.		Tuber- culosis.		Enteric fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Ottumwa, Iowa	May 2	18,197	11	1									16		2	
Palmer, Mass.	do	7,801	2					2					1			
Perth Amboy, N. J.	Feb. 1	17,699	9					1		1	1					
Do.	Feb. 8	17,699	5	1	1			2		1						
Do.	Feb. 15	17,699	8					4		1						
Do.	Feb. 22	17,699	9					2		1						
Do.	Feb. 29	17,699	2					2		1						
Philadelphia, Pa.	Apr. 18	1,293,697	496	140	56	79	13	75	3	71	12	424	9	22	9	
Do.	Apr. 25	1,293,697	499	109	70	95	13	52	6	54	9	508	10	38	1	
Pittsburg, Pa.	May 2	321,616	140	25	10	38	1	16	1	12	3	175	8	14		
Pittsfield, Mass.	Apr. 25	21,766	11					3								
Do.	May 2	21,766	10					1	1							
Plainfield, N. J.	do	15,369	5	1		1		1		3		15				
Port Huron, Mich.	do	19,158	6												1	1
Portsmouth, N. H.	do	10,637	1	1	1			1				2				
Portsmouth, Va.	Apr. 28	17,427	6		1					1		1				
Do.	May 5	17,427	8					3				1				
Providence, R. I.	May 2	175,597	67	4	7	19		6	1	9	2	7	7			
Racine, Wis.	do	29,102	10	6	1			3								
Reading, Pa.	May 4	78,961	19		1	2		13	1			4				
Richmond, Va.	May 2	85,050	38	6	4	5	1	1		2		10		8		
Rockford, Ill.	do	31,051								1						
Rock Island, Ill.	do	19,493	2													
Rutland, Vt.	do	11,499	4													
Saginaw, Mich.	Apr. 25	42,345	15	1	1	1		1		1		1				
Do.	May 2	42,345	15	1	1	1				1						
St. Louis, Mo.	do	575,238	180	21	34	4		31	3	19	2	51		13		
San Antonio, Tex.	do	53,321				2						3				
Sandusky, Ohio.	Mar. 28	19,664	18		3	5						1				
Do.	Apr. 25	19,664	9		1	3		1				1				
Do.	May 2	19,664	3		1	10						1				
San Francisco, Cal.	Apr. 25	342,782	120	15	13	2		8		17	4	40				
Scranton, Pa.	May 2	102,026	33	1	2			10		2		12				
Somerville, Mass.	do	61,643	20	3	6	1		5		1		26				
South Bend, Ind.	do	35,999	18					5	2							
South Omaha, Nebr.	do	26,001	3					3	1							
Spokane, Wash.	Apr. 25	38,848	29		2			5		12		8				
Springfield, Ill.	Apr. 30	34,159	6							1						
Springfield, Mass.	May 2	62,059	18	2	1			1		4		4				
Springfield, Ohio.	do	38,258	10	3	2					4						
Steelton, Pa.	do	12,068	3			4	1	2				1				
Tacoma, Wash.	Apr. 25	37,714	14		3			1				2				
Taunton, Mass.	May 2	31,036	15					3	1							
Terre Haute, Ind.	do	36,673	24		3	1	1					2				
Titusville, Pa.	do	8,244	1									4				
Topeka, Kans.	do	33,608	10	2	2			2				1				
Trenton, N. J.	do	73,307				9	1	3		3						
Waltham, Mass.	do	23,481	8	1	1	2						6				
Washington, D. C.	do	278,718	121		18	18	1	6		5	1	5		15		
Wheeling, W. Va.	Apr. 25	38,878	8		2	1		2				12				1
Wichita, Kans.	May 2	24,671		8												
Wilkes-Barre, Pa.	Apr. 24	51,721	17		1	1		6	1	4		6				
Do.	May 1	51,721	18			3		2	1	5		8		1		
Williamsport, Pa.	May 2	28,757	3			1		6								
Wilmington, Del.	do	76,508	22							4	1					
Winona, Minn.	Apr. 18	19,714	5		1											
Do.	May 2	19,714	4													
Woburn, Mass.	do	14,254	2					6				1				

α Intervening weeks previously reported.

FOREIGN AND INSULAR.

CURRENT QUARANTINE MEASURES.

[From the Veröffentlichungen des Kaiserlichen Gesundheitsamtes, Berlin, April 23, 1907.]

CHOLERA.

KOREA.—March 25. The German consul at Seoul has removed sanitary police inspection of vessels from Moji.

PLAGUE.

EGYPT.—April 9. Plague regulations in force at ports in Egypt against arrivals from Verawal.

SPAIN.—April 8. Plague announced as present in Guayaquil.

BARBADOS.

Report from Bridgetown—Inspection of vessels—Sanitary conditions.

Acting Assistant Surgeon Urquhart reports, April 25:

Week ended April 25. Bills of health were issued to 6 steamships, having a total of 238 members of crews and 75 passengers.

The sanitary condition of this port remains good. No cases of yellow fever have been reported on the island since the case that died April 14.

No quarantinable diseases were reported during the week for the port or island.

BRAZIL.

Reports from Rio de Janeiro—Inspection of vessels—Mortality—Plague and smallpox—Summary of plague and smallpox—Smallpox on steamship Avon at Bahia.

Acting Assistant Surgeon Stewart reports, April 9 and 18:

Week ended April 6. Vessels inspected and received bills of health: March 30 the British steamship *Royal Prince*, for New Orleans, La., with a cargo of coffee, no passenger from this port and no change in the personnel; this vessel had passengers from the River Plate and Santos, but none from this port; on the same date the British steamship *Italian Prince*, for New York, with a cargo of coffee, no change in the personnel, and with no passengers; on the same date the British steamship *Heronspool*, for Tampa, Fla., with water ballast, no change in personnel, and no passengers; April 2 the British steamship *Pontiac*, for New York, with coffee, no passengers, and no change in

the crew personnel, and on the same date the British steamship *Byron*, for New York, with cargo of coffee, 2 new members of the crew signed on here, and with 8 cabin and 13 steerage passengers. No other vessels left this port for United States ports during the period under report.

Mortality—Plague and smallpox.—Week ended April 5, 1908. Total deaths, 332. No cases or deaths due to yellow fever. Bubonic plague caused 1 death, with no new reported cases, and smallpox caused 53 deaths, with 152 new reported cases during the week. At the close of the week there were in the Hospital São Sebastião 165 cases of smallpox under treatment.

Week ended April 12. Vessels issued bills of health: April 8, the German steamship *Seiglinde*, for New York, in cargo of coffee, with 3 cabin and 8 steerage passengers from this port to New York, and with no change in the personnel of the crew; April 9, the Spanish bark *Irene*, for Brunswick, Ga., in stone ballast, with no passengers and with no change in the crew personnel. No other vessels left this port during the week bound for United States ports.

Mortality—Plague and smallpox.—Week ended April 12, 1908. No deaths nor cases due to yellow fever. Bubonic plague caused no deaths, but one new case was reported. Smallpox caused 51 deaths, with a report of 88 new cases. At the close of the week there were in the Hospital São Sebastião no cases of yellow fever or plague under treatment, but there were 153 cases of smallpox under treatment.

Cases and deaths due to smallpox from January 1 to April 12.

1908.	Cases.	Deaths.	1908.	Cases.	Deaths.
January 5	32	15	March 8	38	23
January 12	14	13	March 15	87	21
January 19	39	13	March 22	96	46
January 26	24	14	March 29	100	24
February 2	29	13	April 5	152	83
February 9	30	20	April 12	88	51
February 16	22	16			
February 23	47	4	Total	863	384
March 1	65	28			

It will be seen by the following table that bubonic plague instead of increasing this year has very sensibly diminished:

1908.	Cases.	Deaths.	1908.	Cases.	Deaths.
January 5	4	1	March 8	0	0
January 12	3	0	March 15	1	1
January 19	1	0	March 22	3	0
January 26	5	0	March 29	0	0
February 2	4	0	April 5	0	1
February 9	1	0	April 12	1	0
February 16	1	1			
February 23	1	0	Total	25	4
March 1	0	0			

Many of the reported cases of bubonic plague proved not to be plague, which accounts for the seemingly low death rate.

Telegraphic information states that the R. M. S. *Avon*, which left this port April 9, on arrival at Bahia, Brazil, had a case of smallpox among the immigrants taken on in this port. She arrived there April 11.

BRITISH HONDURAS.

Report from Belize, fruit port.

Acting Assistant Surgeon Mengis reports as follows:

Week ended April 30. Present officially estimated population, 10,000. General sanitary condition of this port and the surrounding country during the week, very good.

Bill of health issued to the following-named vessel:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
Apr. 24	Mobila.....	New Orleans	49	18	20

CHINA.

Report from Hongkong—Quarantine restrictions—Plague—Small-pox—Inspection of vessels.

Acting Assistant Surgeon Hough reports, March 14:

Week ended March 14. Restrictions enforced by Hongkong remain as reported on February 15. Restrictions enforced against Hongkong remain as reported February 15. Quarantinable diseases: Plague, 2 cases, 2 deaths; smallpox, 33 cases, 29 deaths.

Vessels inspected and granted bills of health, 7.

COLOMBIA.

Report from Cartagena—Sanitary inspection service established.

Consul Manning reports, April 13:

The Government of Colombia has issued a decree-creating the office of sanitary inspector for the ports of Cartagena, Savanilla, and Santa Marta.

The Government desires information as to the special requirements of each port in the matter of sanitation, so as to effect an improvement of conditions.

COSTA RICA.

Report from Limon, fruit port.

Acting Assistant Surgeon Goodman reports as follows:

Week ended April 25. Estimated population, 6,000. General sanitary condition of this port and the surrounding country during the week, good.

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

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
Apr. 19	Bertha.....	New Orleans.....	24	1	0
19	Limon.....	Boston.....	44	1	0
20	Sibiria.....	New York.....	55	84	0
22	Katie.....	Mobile.....	23	0	0
22	Ellis.....	New Orleans.....	52	1	31
23	Origen.....	do.....	26	0	0
24	Miami.....	New York.....	47	15	0
25	Hispania.....	Mobile.....	20	0	0
25	Bluefields.....	New Orleans.....	23	4	0
25	Citta di Morina.....	Ponce, P. R.....	83	40	138

Three bills of health for Panaman ports were viséed, and certificates were given to 30 passengers going to Colon.

CUBA.

*Report from Cienfuegos—Inspection and fumigation of vessels—
Summary for month of April.*

Acting Assistant Surgeon Marsillan reports, May 4:

Week ended May 2.

Vessels inspected.....	3
Vessels inspected and fumigated.....	4
Bills of health issued.....	7
Members of crews inspected.....	222
Passengers inspected, steerage, in transit.....	1
Immune certificates issued.....	2

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

Month of April.

Vessels inspected.....	19
Vessels inspected and fumigated.....	14
Bills of health issued.....	33
Members of crews inspected.....	922
Members of crews inspected landed at this port.....	1
Passengers inspected.....	9
Immune certificates issued.....	8

Report from Habana—Inspection and fumigation of vessels—Health certificates issued to passengers for Southern ports.

Passed Assistant Surgeon Amesse reports, May 4:

Week ended May 2.

Vessels inspected and bills of health issued.....	20
Vessels not inspected and bills of health issued.....	4
Members of crews of outgoing vessels inspected.....	909
Members of crews of outgoing vessels not inspected.....	199
Passengers of outgoing vessels inspected.....	950
Passengers of outgoing vessels not inspected.....	141
Certificates of immunity to yellow fever issued.....	60
Vaccination certificates issued for Colon.....	8
Vessels fumigated prior to sailing.....	7

Health certificates were issued to 156 passengers bound for Southern ports and to 84 persons en route to New York.

No cases of yellow fever were reported in the city or Province of Habana during the week.

Report from Santiago—Inspection of vessels.

Acting Assistant Surgeon Wilson reports, April 29:

Week ended April 25.

Bills of health issued to 6 vessels bound for the United States. No quarantinable disease reported.

ECUADOR.

Report from Guayaquil—Summary of plague since outbreak—Plan of work for preventing spread—Prophylactic inoculation—Treatment of outgoing traffic.

Passed Assistant Surgeon Lloyd reports, April 18:

It is estimated that since February 9, the date of the first recognized case of plague, there have been 450 cases with more than 200 deaths.

The special sanitary commission named by the president of Ecuador to combat plague, yellow fever, and smallpox has taken over the lazaretto formerly used for yellow fever patients and has purchased another building which is well adapted for plague cases. Two additional pavilions for plague cases and a separate pavilion for smallpox are being erected.

The plan of the work as at present in operation is the following:

(a) Disinfection of houses where cases of plague and yellow fever have occurred; disinfection of houses where dead rats have been found.

The disinfection of houses where cases of smallpox occur will also be done as soon as a place is provided for such patients. So far it has been impossible to meet all the demands for disinfection. Houses in which cases have occurred are first disinfected with sulphur, and later the worst rooms are mopped with bichloride and then whitewashed.

(b) Danysz's virus. The supply has been limited.

(c) Poisoning rats with arsenic. Nearly all houses in Guayaquil have double walls, and rats live between these walls in large numbers. The practice is to cut a small hole in one of the walls, place the poison on one of the cross beams in the vicinity of the runways, and close the hole with cleats and board, which may be easily removed. In this way the poison is completely out of reach of children, and in a good place for rats to eat it. The board can be easily removed and the bait renewed.

(d) Destroying breeding places of mosquitoes by draining, kerosene, crude petroleum, wire netting on tanks, etc.

(e) Making permanent openings for light and air in dark and badly ventilated rooms.

(f) General cleaning of houses and yards and burning of refuse removed.

(g) Inoculation with Yersin serum and Haffkine's prophylactic. In houses where there have been plague cases or dead rats the practice is to inoculate with both the serum and the prophylactic. In houses where no cases have occurred or where dead rats have not appeared

Haffkine's prophylactic alone is used. Between twelve and fifteen thousand people have been inoculated to date, many of them with both serum and prophylactic.

(h) Isolation of plague, yellow fever, and smallpox. The commission hopes to isolate all plague cases in the near future, but visitors will be allowed two days in the week, in limited numbers, and on condition that they are twice innoculated with Haffkine. Yellow fever is imperfectly isolated at present, but this will be corrected; no attempt has been made to isolate cases of smallpox, but a building is under construction to house such cases.

Our experience with Yersin's serum as a curative leaves no doubt of its efficacy if used in the beginning of the attack; after three or four days it is almost useless.

Outgoing traffic is being reestablished by fumigation of vessels and disinfection of baggage.

GERMANY.

Report from Berlin—Precautions against importation of smallpox from Russia.

The following was received from Consul-General Thackara, under date of April 22:

The smallpox epidemic in certain districts of Russia near the Prussian frontier has induced the minister of public works to issue an instruction calling for the strict observance of sanitary measures. In view of the fact that several cases have already occurred in the district of Wreschen, orders have been given to disinfect the fourth-class railway cars running from Posen and used for the transportation of Russian season laborers. These cars are not only to be dry cleaned at the station of arrival, but also to be washed out with suitable disinfecting solutions. The railway employees at the stations as well as the officials on the trains running from the frontier stations Stalkowo and Skalmierzyce and the employees living in Posen, Ostrowo, Lissa, and Skalmierzyce must be vaccinated by the proper medical officers of the district. The requisite lymph is being supplied free of charge by the Royal Vaccination Institution at Oppeln. The washing out of the railway cars is to be continued until the government in Posen is able to issue a statement that all further danger of a spread of the disease has ceased.

GUATEMALA.

Report from Puerto Barrios, fruit port.

Acting Assistant Surgeon Wailes reports as follows:

Week ended April 29. Present officially estimated population, 250. General sanitary condition of this port and the surrounding country during the week, good. No quarantinable disease present.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
Apr. 24	John Wilson.....	17	0	0	.....
29	Corinto.....	29	27	.....	.....

HAWAII.

Report from Honolulu—Examination of rats for plague infection.

Passed Assistant Surgeon Currie reports that during the week ended April 22, 165 rats were examined bacteriologically at the plague laboratory of the Service at Honolulu. No plague infection found.

HONDURAS.

Report from Ceiba, fruit port—Mosquitoes abundant—Municipal order.

Acting Assistant Surgeon Jumel reports as follows:
 Week ended April 28. Present officially estimated population, 6,500. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
Apr. 22	Carib II	7	1	0	0
24	Rosina	33	4	0	0
25	Viator	17	1	0	0
27	Harald	18	0	0	0
27	Marietta di Giorgio	20	0	0	0

Reports from Puerto Cortez, fruit port—Stegomyia calopus present—Water tanks oiled.

Acting Assistant Surgeon Ames reports as follows: Week ended April 11. Present officially estimated population, about 2,400. General sanitary condition of this port and the surrounding country, excellent. Antimosquito work continues. Few *Stegomyia calopus* found.

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.
Apr. 7	Mobila	New Orleans.....	49	9	3
8	Ulstein	do	15	0	0
9	Helen	Mobile	22	1	0

NOTE.—Temperature taken of all persons on board above-named vessels prior to sailing.

Week ended April 18. General sanitary condition of this port and the surrounding country, very good. Few *Stegomyia calopus* found.

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.
Apr. 12	Bodo	Mobile	17	0	0
15	Hobill	do	16	0	0
16	Alabama	do	17	0	0
16	Corinto	New Orleans.....	29	3	0

Week ended April 25. General sanitary condition of this port and the surrounding country, very good. Antimosquito work continues. Few *Stegomyia calopus* found.

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.
Apr. 20	Helen.....	Mobile.....	22	6	0
22	Utstein.....	New Orleans.....	15	0	0
23	Harald.....	Mobile.....	18	0	0
23	Bodo.....	do.....	18	1	0
24	John Wilson.....	New Orleans.....	17	0	0

NOTE.—Temperature taken of all persons on board above-named vessels prior to sailing.

Report from Tela, fruit port.

Acting Assistant Surgeon Roe reports as follows:

Week ended April 25. Present officially estimated population, about 1,250. General sanitary condition of this port and the surrounding country during the week, good.

There is less malarial fever and other sickness than I have known here at this season during the past three years. Thorough cleaning and other sanitary measures have been carried out.

Bill of health issued to the following-named vessel:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
	Rosina.....	New Orleans.....	33	0	0

ITALY.

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

Assistant Surgeon Wollenberg reports, April 20:
Week ended April 18.

Vessels inspected at Naples and Palermo.

NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of large baggage inspected and passed.	Pieces of baggage disinfected.
Apr. 15	Madonna.....	New York.....	243	40	350
15	Italia.....	do.....	143	15	180
17	König Albert.....	do.....	107	10	160
18	Vincenzo Bonanno.....	do.....			
	Total.....		493	65	690

PALERMO.

Apr. 17	Italia.....	New York.....	107	150	55
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Rejections recommended.

NAPLES.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Suspected favus.	Other causes.	Total.
Apr. 15	Madonna	8					8
15	Italia	4		5			9
17	König Albert	4		2		1	7
18	Vincenzo Bonanno						
	Total.....	16		7		1	24

PALERMO.

Apr. 17	Italia	9		6		1	16
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JAPAN.

Reports from Yokohama—Inspection of vessels—Examination of emigrants, March, 1908—Smallpox at Yokohama abated—Smallpox at Moji—Summary of smallpox in Japan from January 1 to March 31—Plague and plague-infected rats at Osaka.

Passed Assistant Surgeon Cumming reports, March 31 and April 14: During the week ended March 28, 3 vessels having an aggregate personnel of 376 members of crew and 183 passengers were granted bills of health.

Of these vessels 1 was bound to Manila, 1 to Portland, Oreg., and 1 to Tacoma.

During the month of March 450 intending steerage passengers to ports of the United States or their possessions were examined with reference to their freedom from loathsome or dangerous contagious diseases, of whom 17 were rejected, 114 advised to wait for treatment, 319 passed, and 295 certified on the manifests.

Three hundred and seventy-seven persons were bathed, of whom 45 were sailors. Thirty-seven were bound to Canada. Nine hundred and thirty-seven pieces of baggage were disinfected.

The smallpox epidemic has subsided, only 10 cases with 4 deaths having been reported last week and no cases for the past 3 days.

The disease is epidemic in Moji and neighboring towns. It is reported that there are 700 cases in the district.

During the two weeks ended April 11 bills of health were issued to 8 steamships having an aggregate personnel of 709 members of crews and 637 passengers.

The steamships *Tudor Prince* and *Verona*, bound for New York, were fumigated to destroy rats. The steamship *Jason*, for Cebu, and the passenger liner *Nikko Maru* were fumigated throughout.

All steerage passengers and members of crews embarking here were as usual bathed and their effects were disinfected.

The smallpox epidemic is nearly over here, but I consider Moji a danger point.

Official statistics for the period January 1 to March 31 show 14,368 cases of smallpox for the Empire, including 5,548 in Hiogo ken (Kobe prefecture), 2,621 in Osaka, and 1,364 in Tokyo, with many in all kens except Kagoshima, with 1 case only, and Miyagi, Akita, and Okinawa, where there are no cases.

During the same period there have been 35 cases of plague at Osaka, with 3,159 infected rats found. Three hundred and one infected rats have been found in Nagasaki, Hiogo (Kobe), and Kanagawa prefecture.

Examination of emigrants.

Number of emigrants per steamship *Korea* recommended April 14 for rejection: For Honolulu, 5; advised to wait, 23.

Per steamship *Kaga Maru*, April 15: For Seattle, recommended for rejection, 3; advised to wait, 13.

Report from Kobe—Inspection of vessels—Examination of emigrants—Decrease of smallpox at Kobe—Plague and smallpox at Osaka.

Temporary Acting Assistant Surgeon Slade reports, April 7:

During the week ended April 4, 2 supplemental bills of health were granted to 2 steamships.

There were inspected 121 members of crews and 16 steerage passengers. Manifests were viséed for 4,629 pieces of freight, amounting to 311 tons. There were three persons (members of crews) vaccinated. One compartment of 1 vessel was disinfected.

The official returns of infectious diseases for the week show that there were reported in Kobe 4 cases of smallpox with 6 deaths.

The report from Osaka for the week ended March 28, shows 1 case of plague with 1 death, and 190 cases of smallpox with 129 deaths.

The decrease in number of cases of smallpox in Kobe was very marked. The report of the disease from Osaka for the previous week shows a decrease of 48 cases.

Report from Nagasaki—Examination of emigrants.

Sanitary Inspector Bowie reports:

Number of emigrants per steamship *Korea* recommended April 7 for rejection, 13. Per steamship *Hongkong* from Shanghai, 2.

MEXICO.

Report from Coatzacoalcos—Inspection of vessels.

Acting Assistant Surgeon Thompson reports, April 30:

Two weeks ended April 29. Inspected 28 steamships bound for the United States.

No quarantinable disease was recorded during the period covered by this report.

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

Acting Assistant Surgeon Harrison reports, April 25:

During the period April 14 to April 25, no quarantinable disease was reported, and the general sanitary conditions were satisfactory, although the weather was hot and very dry, no rain having fallen for several months.

Bills of health were issued to 5 vessels, 3 of which were fumigated.

Reports from Veracruz—Inspection and fumigation of vessels—Health conditions and sanitary work.

Acting Assistant Surgeon Jacobs reports, April 26 and May 3:

Week ended April 25. Five vessels were inspected and fumigated and 3 vessels inspected without further treatment. The general health and sanitary conditions of Veracruz and vicinity are fair. The city authorities have begun the work of filling in low ground and ditching in the outskirts of the city, preparatory to the coming wet season. Smallpox is present, the last case being reported April 13. No other quarantinable diseases were reported during past week. Week ended May 2. No quarantinable disease was reported during the week. Five vessels were inspected and 7 inspected and fumigated during the week.

PANAMA.

Report from Bocas del Toro, fruit port.

Acting Assistant Surgeon Osterhout reports as follows:

Week ended April 28. General sanitary condition of this port and the surrounding country during the week, good. Present officially estimated population, 4,954.

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.
Apr. 22	Mount Vernon.....	Mobile	20	0	0
23	Port Morgan.....	do	22	1	0
23	Frutera	New York via Santa Marta.	25	1	0
24	Taunton	New Orleans	23	0	0
27	Oracabessa	do	47	0	0

PERSIA.

Report from Teheran—Cholera extinct at Kerbela—Plague diminishing at Jiddah—Quarantine at Gulf ports replaced by medical inspection.

The following is received from the American Legation at Teheran, under date of March 30:

A note from the Persian minister of foreign affairs, dated March 28, states that information has reached the sanitary council that there is now no cholera at Kerbela, and that the plague at Jiddah has almost disappeared. In consequence orders have been sent to the different stations removing the quarantine in Persian Gulf ports and substituting medical inspection in its place.

PERU.

Reports from Callao—Inspection of vessels—Plague in Chilean ports—Smallpox abated in Lima—Status of plague in Peru.

Assistant Surgeon Wightman reports, April 7 and 13:

Week ended April 4.

Two vessels were dispatched, the German steamship *Anubis*, with a crew of 63, 15 cabin passengers and 38 steerage, and the Brazilian training-ship *Benjamin Constant*, with a crew of 410.

Plague in Chile is reported as follows: Valparaiso, 5 cases, with 3 deaths, in two weeks ended March 21; Antofagasta, 12 cases, with 4 deaths, in two weeks ended March 25; still present in Iquique and Arica.

Smallpox has much abated in Lima, but is still present in that city, and there are also a few cases in Callao.

Plague in Peru is reported as follows by the Director de Salubridad:

Locality.	Cases Mar. 26.	New.	Recovered.	Died.	Remaining Apr. 2.
Lima	6	3	2	1	6
Callao	4	2	1	1	4
Chosillo	2	6	1	4	3
Trujillo	72	19	7	11	73
Ferrenafe	5	2	.....	.....	7
Catacaos	3	1	2	.....	2
Eten	4	6	2	1	7
Chepen	1	.....	.....	.....	.....
Mollendo	2	1	.....	1	2
Monsefu	1	.....	.....	.....	1
Chiclayo	6	2	.....	1	7
Sullana	1	.....	.....	.....	1
Hualgayoc .....	.....	10	.....	6	4
Sta. Eulalia (Huarochiri) .....	.....	1	.....	.....	1

Santa Eulalia is a village on the railroad from Lima.

Week ended April 11. Three vessels dispatched, with an aggregate personnel of 125 crew, 105 cabin and 48 steerage passengers. Two fumigated before departure.

From Chile the following is reported by bills of health: Valparaiso, clean, April 1; Antofagasta, 20 cases of plague, with 3 deaths, in two weeks ended April 4; Iquique, plague present April 6; Arica, plague present April 7.

No statistics on plague in Peru have been received since my last report.

PHILIPPINE ISLANDS.

Reports from Manila—Cholera abating in Manila and the provinces—Opium prohibition—Measles on transports—Inspection of vessels.

Chief Quarantine Officer Heiser reports, March 20 and 24.

Week ended March 14. At Manila 1 case of cholera occurred, with 2 deaths, and 2 cases of smallpox, with 2 deaths.

During the week consular bills of health were issued as follows: March 10, the United States army transport *Dix*, with 137 in the crew and 9 passengers, was granted a bill of health for Seattle via Nagasaki. All persons on board were inspected at the hour of sailing. March 13 the British steamship *Teucer*, with 90 in the crew, en route from Glasgow to Seattle and Tacoma, was granted a bill of health, after the

usual inspection. March 12, the British steamship *Taiyuan*, with 75 in the crew and 20 passengers, en route from Hongkong to Zamboanga, was granted a supplemental bill of health after the usual inspection. March 14, the British steamship *Kennebec*, with 51 in the crew, en route from Shanghai to Boston and New York via Cebu, was granted a supplemental bill of health. The cargo was certified and the personnel inspected prior to sailing.

Week ended March 21. In Manila there was 1 case of cholera, with 1 death.

Opium prohibition.—The act of Congress which forbids the use of opium in the Philippine Islands, except for strictly medicinal or scientific purposes, went into effect March 1, 1908. So far as can be learned, no especial hardship has been caused by the operation of the law. For instance, more than 200 Chinese were treated at the San Lazaro Hospital for the opium habit, and of these comparatively few suffered very much from the gradual withdrawal of the drug, and more than 75 per cent were discharged as cured from that hospital after three weeks' treatment. It is yet too early to state whether the conditions are as favorable as the surface indications seem to show, there being, of course, always a possibility that considerable opium is stored away, or that the same is being smuggled into the country. It may, however, be stated with a reasonable degree of certainty, with regard to the patients treated at the San Lazaro Hospital, that among all those who were accustomed to take the drug by means of the pipe, there was little difficulty in giving up the habit, but with those who took it by mouth it was more difficult, and those who had been in the habit of using it hypodermically were found to suffer most upon its withdrawal.

Cholera.—During the week only one case of cholera was reported for the city of Manila. In view of the fact that the total of deaths from all causes during the past few weeks has dropped to about the normal for this period of the year, it is believed that cholera has practically disappeared in the city.

There has also been a great reduction in the number of cholera cases reported for the past week in the provinces, the total number not reaching over 10 in the entire archipelago.

Measles.—The transport *Crook*, which arrived here March 18, had a number of cases of measles on board during the voyage from San Francisco, one case being detected among the first-cabin passengers at the time of the vessel's arrival. It is noteworthy, however, that during the past five years practically all the transports which have sailed from the United States with a regimental organization aboard have had measles occur before reaching the Philippines. A rather severe outbreak of this disease, indirectly traceable to transport infection, occurred in Manila last December, and made it necessary to close some of the public schools of the city.

During the week consular bills of health were issued as follows: March 16 the British steamship *Mombasa*, en route from Sabang to Cebu, with 31 in the crew, was granted a supplemental bill of health, after the usual outgoing inspection. March 17 the United States Army transport *Buford*, with 152 in the crew and with 671 passengers, was granted a bill of health for San Francisco via Nagasaki and Honolulu. The crew and steerage passengers were bathed and their effects were disinfected at Mariveles. At request of Army, on account of measles, the vessel was disinfected twice during her stay in port. All cargo and

baggage was either disinfected or passed, and so certified. All persons on board were inspected immediately prior to sailing. March 17 the French steamship *Louqsor*, with 82 in the crew and with 16 passengers, en route from Yokohama to Cebu, was granted a supplemental bill of health. All persons on board were inspected at the hour of sailing. March 17 the British steamship *Tsinan*, with 70 in the crew and with 51 passengers, was granted a supplemental bill of health for Zamboanga, after inspection of the personnel. March 18 the Norwegian steamship *Skogstad*, with 26 in the crew, en route from New Castle to Cebu, was granted a supplemental bill of health, after an inspection of the vessel and personnel.

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

Port of Manila.

Bills of health issued	340
Vessels inspected	313
Passengers on arriving boats inspected	6,994
Persons vaccinated	34
Members of crews on arriving steamships inspected	9,288
Members of crews on arriving sailing vessels inspected	1,051
Persons quarantined for observation, suspects and contacts	40
Persons bathed and effects disinfected	220
Persons remaining in quarantine from January	40
Persons in quarantine	40
Vessels remaining in quarantine from January	1
Vessels in quarantine	1
Steamships disinfected	1
Steamships partially disinfected	1
Steamships fumigated to exterminate vermin	6
Sailing vessels fumigated to exterminate vermin	5
Pieces of baggage disinfected	313
Pieces of baggage inspected and passed	58

OUTGOING.

Vessels remaining in quarantine from January	2
Vessels entering quarantine during the month	111
Vessels remaining in quarantine February 29	6
Steamships sailing without quarantine inspected and passed	110
Sailing vessels sailing without quarantine inspected and passed	68
Steamships disinfected	1
Persons remaining in quarantine from January	93
Members of crews quarantined	3,510
Passengers quarantined	1,615
Persons remaining in quarantine February 29	204
Members of crew on vessels inspected	8,161
Passengers on vessels inspected	5,278
Members of crews bathed and effects disinfected	172
Passengers bathed and effects disinfected	1,100
Pieces of baggage disinfected	3,671
Pieces of baggage inspected and passed	2,599
Pieces of miscellaneous cargo certified	29,840

Port of Iloilo.

Bills of health issued	9
Vessels inspected	85
Passengers on arriving vessels inspected	597
Members of crews on arriving steamships inspected	1,825
Members of crews on arriving sailing vessels inspected	470

Port of Cebu.

Bills of health issued	3
Vessels inspected.....	34
Passengers on arriving vessels inspected.....	289
Members of crews on arriving steamships inspected.....	860
Members of crews on arriving sailing vessels inspected.....	48
Steamship fumigated to exterminate vermin.....	1
Sailing vessels fumigated to exterminate vermin.....	3

Port of Cavite.

Bills of health issued	2
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Port of Olongapo.

Vessel inspected.....	1
Members of crews on arriving steamships inspected.....	221

Port of Zamboanga.

Number of vessels inspected.....	14
Passengers on arriving vessels inspected.....	465
Members of crews on arriving steamships inspected.....	964
Members of crews on arriving sailing vessels inspected.....	31

Port of Jolo.

Vessels inspected.....	3
Passengers on arriving vessels inspected.....	32
Members of crews on arriving steamships inspected.....	137

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

ARGENTINA—*Rosario de Santa Fé.*—Month of February, 1908. Estimated population, 153,133. Total number of deaths, 297, including measles 1, diphtheria 1, enteric fever 15, whooping cough 4, scarlet fever 5, and 27 from tuberculosis.

BRAZIL—*Sao Paulo, Santos, and Campinas.*—Week ended March 29, 1908. Estimated population, 300,000. Total number of deaths, 134, including enteric fever 3, measles 3, scarlet fever 1, leprosy 1, and 7 from tuberculosis.

Week ended April 5, 1908. Total number of deaths, 184, including measles 5, enteric fever 2, whooping cough 1, and 12 from tuberculosis.

CANADA—*Ontario, Niagara Falls.*—Month of April, 1908. Estimated population, 9,500. Total number of deaths, 12, including 1 from scarlet fever.

Quebec—Sherbrooke.—Month of April, 1908. Estimated population, 14,709. Total number of deaths, 21, including diphtheria 1, and 5 from tuberculosis.

COSTA RICA—*San Jose.*—Month of March, 1908. Estimated population, 25,525. Total number of deaths, 74, including enteric fever 1, whooping cough 1, and 5 from tuberculosis.

CUBA—*Matanzas.*—Month of March, 1908. Estimated population, 35,515. Total number of deaths, 67, including diphtheria 1, whooping cough 2, and 15 from tuberculosis.

DUTCH GUIANA—*Paramaribo*.—Month of March, 1908. Estimated population, 34,085. Total number of deaths, 94. No deaths from contagious diseases reported. Malarial fever prevalent.

GIBRALTAR.—Two weeks ended April 19, 1908. Estimated population, 27,385. Total number of deaths, 12.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 76 great towns in England and Wales during the week ended April 18, 1908, correspond to an annual rate of 15.2 per 1,000 population, which is estimated at 16,234,952.

London.—One thousand three hundred and forty-eight deaths were registered during the week, including measles 40, scarlet fever 15, diphtheria 14, enteric fever 2, whooping cough 31, tuberculosis 194, and 15 from diarrhea. The deaths from all causes correspond to an annual rate of 14.7 per 1,000. In Greater London 1,897 deaths were registered. In the "outer ring" the deaths included 13 from measles, 1 from scarlet fever, 2 from diphtheria, and 7 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended April 18, 1908, in the 21 principal town districts of Ireland was 21.7 per 1,000 of the population, which is estimated at 1,131,959. The lowest rate was recorded in Dundalk, viz, 4.0, and the highest in Clonmel, viz, 51.3 per 1,000.

Scotland.—The deaths registered in 8 principal towns during the week ended April 18, 1908, correspond to an annual rate of 16.4 per 1,000 of the population, which is estimated at 1,839,038. The highest rate of mortality was recorded in Glasgow, viz, 18.0, and the lowest in Leith, viz, 12.9 per 1,000. The aggregate number of deaths registered from all causes was 578, including diphtheria 1, measles 36, scarlet fever 5, and 18 from whooping cough.

ITALY—*Genoa*.—Month of March, 1908. Estimated population, 273,000. Total number of deaths, 521, including diphtheria 8, enteric fever 1, measles 3, and 68 from tuberculosis.

JAPAN—*Formosa*.—Two weeks ended April 4, 1908. Estimated population, 3,050,004. Total number of deaths not reported. Two deaths from enteric fever, 1 from diphtheria, and 82 from plague reported.

SPAIN—*Seville*.—Month of March, 1908. Estimated population, 148,315. Total number of deaths, 365, including diphtheria 3, scarlet fever 2, whooping cough 2, and 67 from tuberculosis.

Cholera, yellow fever, plague, and smallpox reported from December 28, 1907, to May 15, 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 June 28, 1907, to December 27, 1907, see PUBLIC HEALTH REPORTS for December 27, 1907.]

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

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Arabia:				
Hedjaz, general	Dec. 13-Mar. 11 ...	6,378	5,695	On Hedjaz R. R. Jan. 1-Mar. 8, 169 cases and 89 deaths.
Abou Ali	Dec. 31-Jan. 19 ...	69	49	
Abou-Saad (Djeddah)	Dec. 21-29	128	58	
Jiddah	Dec. 10-Feb. 8 ...	410	369	26 cases and 19 deaths from ss. Nivernais from Dec. 27-Jan. 5. 8 cases to Nov. 23.
Kamran	Dec. 2-7	3	2	
Medina	Dec. 18-Jan. 18 ...	380	220	
Mekka	Dec. 21-Feb. 8 ...	5,086	4,706	
Tor	Jan. 24-30	3	3	From ss. Assuan.
Yembo	Dec. 20-Mar. 15 ...	310	213	
Ceylon:				
Colombo	Nov. 24-30		1	
China:				
Hongkong	Oct. 27-Nov. 2 ...	3	7	Imported from Singapore.
India:				
Bombay	Dec. 4-Apr. 7		13	
Calcutta	Nov. 17-Mar. 28 ...		1,901	
Cochin	Oct. 26-Jan. 31 ...		98	
Madras	Dec. 1-Apr. 3 ...		105	
Negapatam	Nov. 16-Mar. 21 ...		110	
Rangoon	Nov. 11-Mar. 18 ...		118	
Tuticorin	Nov. 30-Jan. 24 ...		399	
Indo-China:				
Saigon	Mar. 22-28	4	2	Feb. 21, present.
Japan:				
De Vries (Oshima) Island	Dec. 3	5		
Ibaraki	Nov. 27	1		
Kanagawa	Dec. 1-2	4		
Kobe	Nov. 17-Dec. 7 ...	14	5	
Moji	Oct. 20	1	1	From ss. Tamba Maru.
Nagasaki	Nov. 18-Feb. 23 ...	4	1	Report received out of date gives to Nov. 30, 248 cases and 148 deaths additional.
Osaka	Dec. 8-21	7	6	
Shinagawa	Nov. 27			Present on 2 Japanese torpedo-boat destroyers.
Tokushima	Nov. 27	27	22	
Tokyo	Nov. 28-Dec. 3 ...	200	62	
Yokohama	Oct. 27-Dec. 16 ...	9	8	
Korea:				
Seoul	Jan. 1-Dec. 12 ...	35		In Japanese colony. Mainly in September and October.
Philippine Islands:				
Cebu Quarantine Station	Jan. 2-11	4	1	From ss. Romulus.
Manila	Nov. 10-Mar. 21 ...	256	206	Second quarter, calendar year 1907, no cases and no deaths; third quarter, 80 cases, 71 deaths; fourth quarter, 114 cases and 123 deaths.
Mariquina	Jan. 4-18	48	45	
Provinces				Second quarter, calendar year 1907, no cases, no deaths; third quarter, 149 cases, 129 deaths; fourth quarter, 329 cases and 242 deaths.
Bulacan	Dec. 7-Jan. 18 ...			Present.
Leyte ^a				
Carigara ^a	July 1-Sept. 30 ...	86	77	Dec. 7, again present.
Barugo ^a	July 1-Sept. 30 ...	10	10	
Masbate				
Mandaon	July 1-Sept. 30 ...	58	42	
Pampanga	Dec. 7-Jan. 18 ...			Present.
Zambales	Jan. 26-Feb. 1 ...	158	108	
Russia, general	Nov. 7-Jan. 7 ...	782	416	
Akmolinsk	Nov. 7-Dec. 4 ...	40	36	
Baku	Nov. 7-12	18	12	
Ekaterinslaw, Govt. dist	Nov. 7-29	42	24	Including city of Rostow.
Jaroslow, Govt. dist	Nov. 7-Dec. 4 ...	13	10	

^a Report received out of date.

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

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Russia, Kief, Govt. dist.....	Nov. 7-Dec. 4.....	65	8	
Kief	Nov. 19-Dec 25.....	100	18	
Kostroma, Govt. dist..	Nov. 7-13.....	1	1	
Kuban	Nov. 7-Jan. 7.....	12	5	
Kursk, Govt. dist.....	Nov. 7-Dec. 18.....	41	13	Including Woronesch.
Minsk	Nov. 7-12.....	2	1	
Moscow	Nov. 7-12.....	7	8	In industrial district.
Orenburg, Govt. dist..	Nov. 7-Dec. 4.....	3	1	
Penza	Nov. 7-Dec. 4.....	101	36	
Samara, Govt. dist.....	Nov. 7-Jan. 7.....	42	25	
Simbirsk, Govt. dist.....	Nov. 7-29.....	6	2	
Tobolsk	Nov. 7-12.....	112	79	
Tomsk, Govt. dist.....	Nov. 7-Jan. 14.....	71	26	
Tschernigov and Pol- tawa.....	Nov. 7-29.....	36	15	
Volga, middle dist.....	Nov. 7-12.....	47	22	
Straits Settlements:				
Perlis	Oct. 19.....			Present.
Singapore	Jan. 22.....	1		
Turkey in Asia:				
Khorassan.....	Nov. 10-Dec. 4.....	4	4	
Sinope.....	Dec. 6-8.....	3	4	
Turkey in Europe:				
Constantinople.....	Jan. 4-26.....		11	

YELLOW FEVER.

Brasil:				
Manaos.....	Nov. 24-Apr. 11.....		54	Reports for Jan. 18, Feb. 29, and Mar. 7 not yet received.
Para.....	Dec. 1-Apr. 18.....	247	161	
Pernambuco.....	Feb. 16-29.....	1		
Rio de Janeiro.....	Nov. 18-Mar. 22.....	4	2	
Cuba:				
Habana Province— Habana.....	Feb. 4-6.....	2		Week ended Jan. 18, 2 cases reported in Habana Province localities not specified.
Guanamon.....	Jan. 16-17.....	2	1	
Guines.....	Dec. 23-27.....	1	1	From Palos.
Matanzas Province— Cardenas.....	Feb. 14.....	1	1	From ss. Britannic.
Santa Clara Province— Cienfuegos.....	Dec. 29-Jan. 24.....	10	5	Case Dec. 31 from Palmira; case Jan. 8 from schr. Mercedita; 1 case Jan. 8 from Rodas; Jan. 14, 1 case at Hanabanilla and 1 case at Central Plantation, Jaragua.
Palmira.....	Dec. 31-Jan. 19.....	3	1	
Rodas.....	Dec. 30-Jan. 6.....	1	1	
Santa Clara.....	Jan. 6-Feb. 28.....	8	1	
Santiago Province— Santiago.....	Jan. 15-May 1.....	3	1	
Ecuador:				
Guayaquil.....	Dec. 1-Apr. 18.....		73	
Huigra.....	Feb. 5-11.....		4	
Guatemala.....	Dec. 13-Jan. 9.....			Present on R. R. from Puerto Barrios to Guatemala City.
Chiquimula.....	Jan. 27.....			Present. Also present in Nov. and Dec.
Zacapa.....	Jan. 27.....			Do.
Venezuela:				
Ciudad Bolivar.....	Feb. 26.....		1	Present in January.
La Guaira.....	Nov. 17-Feb. 29.....			Present.
West Indies:				
Barbados— Bridgetown.....	Dec. 4-Apr. 14.....	10	7	And vicinity.
Trinidad.....	Jan. 5-Mar. 7.....	7	7	

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

PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
Africa:				
Algeria—				
Bone.....	Nov. 15.....	1		
Philippeville.....	Oct. 19–Nov. 2.....	7		
British Gold Coast—				
Akra.....	Jan. 11–Mar. 8.....		114	
Brewa.....	Jan. 11–Feb. 17.....		19	
Nianyano.....	Jan. 11–Feb. 24.....	5		
Tema.....	Jan. 11–Feb. 23.....		9	
Egypt:				
Alexandria.....	Nov. 28–Apr. 17.....	18	11	
Damietta.....	Dec. 22–28.....	1		
Port Said.....	Dec. 8–14.....	1		
Provinces—				
Assiout.....	Dec. 12–Apr. 23.....	155	101	
Beherach.....	Mar. 27.....	1		
Beni Souef.....	Jan. 18–Apr. 23.....	24	6	
Dakahlieh.....	Dec. 4–Apr. 14.....	6	2	
Fayoum.....	Jan. 24–Apr. 21.....	43	25	
Galyoobeeyeh.....	Mar. 26–Apr. 23.....	14	4	
Garbieh.....	Dec. 4–Apr. 23.....	37	16	
Girgeh.....	Feb. 4–Apr. 22.....	43	30	
Kena.....	Feb. 12–Apr. 23.....	134	113	
Menouf.....	Feb. 21–Mar. 14.....	3	1	
Minieh.....	Dec. 17–Apr. 20.....	70	32	
Portuguese East Africa—				
Lourenço Marquez.....	Nov. 24–Dec. 12.....	8	5	
Tunis—				
Bizerta.....	Nov. 30.....	1		
Kairwan.....	Nov. 30.....	3	2	
Tunis.....	Nov. 30.....	1		
Arabia:				
Jiddah.....	Jan. 14–Feb. 16.....	38	36	Apr. 5, still present.
Yembo.....	Jan. 3–Apr. 5.....	122	120	
Australia:				
Brisbane.....	Jan. 3–Mar. 1.....	9	5	
Cairns.....	Nov. 23–Jan. 29.....	2	2	
Sydney.....	Dec. 29–Feb. 24.....	4		
Brazil:				
Bahia.....	Nov. 2–Mar. 28.....	41	34	
Corumba.....	Jan. 15.....			Present.
Para.....	Feb. 23–Mar. 28.....	3	2	
Fernambuco.....	Dec. 1–Feb. 15.....		5	
Rio de Janeiro.....	Nov. 18–Mar. 22.....	68	15	
Santos.....	Dec. 9–15.....		1	
Chile:				
Antofagasta.....	Jan. 12–Apr. 4.....	88	19	
Arica.....	Dec. 14–Mar. 8.....	6	2	Apr. 7, still present.
Iquique.....	Feb. 25–Apr. 6.....			Present.
Valparaiso.....	Dec. 8–Mar. 21.....	8	5	
China:				
Amoy (Kulangsu).....	Nov. 10–23.....			Present. Apr. 25, again present.
Hongkong.....	Oct. 27–Mar. 14.....	18	18	Report for Feb. 22 not received.
Hwang-Hien.....	Jan. 16.....	4		
Tengchow.....	Jan. 16.....	1		
Ecuador:				
Guayaquil.....	Feb. 13–Apr. 18.....		169	Also on Guayaquil and Quito R. R.
Great Britain:				
Glasgow.....	Aug. 17–31.....	1	1	Received out of date.
Hawaii:				
Hilo.....	Feb. 22–Apr. 6.....	2	2	
India:				
Bombay Presidency and Sind.....	Nov. 10–Mar. 14.....	35, 124	25, 934	
Madras Presidency.....	Nov. 10–Mar. 14.....	2, 454	1, 943	
Bengal.....	Nov. 10–Mar. 14.....	9, 203	7, 504	
United provinces.....	Nov. 10–Mar. 14.....	12, 904	11, 217	
Punjab.....	Nov. 10–Mar. 14.....	12, 351	10, 237	
Burma.....	Nov. 10–Mar. 14.....	3, 651	3, 414	
Central provinces, including Berar.....	Nov. 10–Mar. 14.....	3, 888	2, 874	
COORG.....	Dec. 29–Mar. 14.....	17	11	
Mysore State.....	Nov. 10–Mar. 14.....	8, 013	6, 276	
Hyderabad State.....	Nov. 10–Mar. 14.....	1, 826	1, 240	
Central India.....	Nov. 10–Mar. 14.....	1, 430	887	
Rajputana.....	Nov. 10–Mar. 14.....	5, 116	4, 071	
Kashmir.....	Nov. 10–Feb. 15.....	16	11	
Northwest frontier province.....	Nov. 10–Mar. 14.....	92	68	
Total for India.....		96, 065	75, 682	

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

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Japan:				
Formosa	Jan. 5-Apr. 11....	327	276	Present.
Kobe	Feb. 11.....	1		
Nagasaki	To Nov. 30	36	28	
Nushima Island.....	Jan. 4.....			
Osaka	Nov. 17-Mar. 21....	283	272	
Mauritius.....	Dec. 13-Feb. 26....	15	15	
Peru:				
Callao	Dec. 5-Apr. 2.....	18	6	
Catacaos.....	Dec. 12-Apr. 2.....	48	20	
Chepen	Jan. 24-Apr. 2.....	14	10	
Chiclayo	Feb. 28-Apr. 2.....	25	17	
Chosica	Nov. 21-Apr. 2.....	14	8	
Eten.....	Jan. 16-Apr. 2.....	42	25	
Ferrenafe	Jan. 16-Apr. 2.....	7		
Hualgayoc	Mar. 27-Apr. 2.....	10	6	
Jequetepeque.....	Dec. 12-31.....	2	1	
Lambayeque.....	Jan. 24-30.....	2		
Lima	Nov. 21-Apr. 2.....	79	48	
Maticana	Nov. 28-Dec. 4.....	2		
Mollendo	Feb. 18-Apr. 2.....	14	11	
Monsefu	Feb. 12-Mar. 26....	15	4	
Pacasmayo	Feb. 18-27.....	1		
Paíta	Nov. 21-Mar. 4.....	82	61	
Pisco	Mar. 13-26.....	1	1	
Piura	Nov. 21-Feb. 13....	23	16	
San Geronimo.....	Dec. 19-25.....	11		
San Pedro	Jan. 24-30.....	1	1	
Santa Eulalia.....	Jan. 30-Apr. 2.....	8	7	
Sullana, province of Paíta.	Feb. 28-Mar. 4.....	1		
Trujillo.....	Nov. 21-Apr. 2.....	246	121	
Straits Settlements:				
Singapore	Nov. 10-Mar. 28....		6	
Turkey in Asia:				
Kerbela	Mar. 13.....	2		
Smyrna	Feb. 1-29.....		1	
Venezuela:				
La Guaira	Apr. 15-22.....			Do.

SMALLPOX.

Africa:				
Algeria—				
Algers	Nov. 1-Mar. 5.....	8	1	Mar. 5, 2 cases and 1 death on ss. Colenso.
British South Africa—				
Bloemfontein.....	Oct. 1-31.....	1		
Cape Town.....	Nov. 17-Dec. 7.....	3		
East London.....	Jan. 5-Mar. 28.....	6	3	
British South East Africa—				
Lourenço Marquez....	Jan. 1-31.....		1	
Egypt, general	Nov. 4-Mar. 29.....	687	178	Report from Oct. 22 to Nov. 4 and from Nov. 12 to Dec. 24 not received.
Cairo	Dec. 15-Apr. 8.....	35	16	
Suez	Jan. 1-Mar. 18.....	11		
Arabia:				
Aden	Feb. 11-Apr. 13.....		36	From pilgrim ships. Present among pilgrims.
Jiddah.....	Jan. 31.....			
Argentina:				
Rosario	Sept. 1-Dec. 31.....		5	
Austria:				
Bohemia	Jan. 19-25.....	3		Imported.
Galicia.....	Dec. 8-Mar. 29.....	37		
Küstenland.....	Dec. 8-15.....	1		
Silesia	Jan. 27-Feb. 1.....	2		
Trieste.....	Apr. 5-11.....	1	1	
Vienna	Mar. 8-Apr. 4.....	3		
Australia:				
New South Wales—				
Newcastle	Dec. 1-31.....	1		
Belgium:				
Ghent	Dec. 8-Apr. 18.....		3	
Brazil:				
Bahia	Nov. 2-Mar. 28.....	568	4	Case Apr. 11—on ss. Avon.
Manaos	Mar. 15-28.....	5		
Para	Dec. 1-Apr. 11.....	67	34	Report from Oct. 1-15 not yet received.
Pernambuco.....	Oct. 16-Feb. 29.....		587	
Rio de Janeiro	Nov. 18-Apr. 12....	1,018	430	
Santos.....	Dec. 2-8.....		1	
Canada:				
British Columbia—				
Vancouver	July 1-Mar. 31.....	6		

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

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Canada—Continued.				
Manitoba—				
Winnipeg	Dec. 22-Apr. 18....	41	.....
New Brunswick—				
Aims	Jan. 23 .....	.....	.....	Present.
Fox Creek	Mar. 2	10	.....
Moncton	Feb. 1-23 .....	.....	.....	Do.
Nova Scotia—				
Halifax	Dec. 15-May 2	20	.....
Ontario Province.	Dec. 19 .....	.....	.....	Outbreak reported in several places.
Belleville	Dec. 17-23	4	.....
Hamilton	Jan. 1-Mar. 31	21	1	
Toronto	Jan. 5-Apr. 18	42	.....
China:				
Amoy (Kulangsu)	Nov. 10-Feb. 15 .....	.....	.....	Present.
Foochow	Jan. 12-Mar. 28 .....	.....	.....	Do.
Hankow	Dec. 15-Jan. 25	2	.....	Imported. Feb. 2, still present.
Hongkong	Nov. 10-Mar. 14	256	199	Report for Feb. 22 not received.
Shanghai	Nov. 18-Apr. 5	452	189	
Ecuador:				
Guayaquil	Dec. 1-Apr. 18 .....	.....	65	
France:				
Brest	Dec. 30-Feb. 22	12	3	
Marseille	Dec. 1-Feb. 29 .....	.....	32	
Paris	Dec. 1-Apr. 18	151	3	
Toulon	Mar. 1-31	8	.....
Germany:				
General	Nov. 17-Apr. 11	87	.....	Mainly among Russian workmen. Apr. 11, present in Stettin Government district. Reports from Feb. 23-Mar. 14, and Mar. 21-31 not received.
Gibraltar				
Jan. 17-23 .....	.....	1	.....
Great Britain:				
Edinburgh	Jan. 12-Mar. 21	19	1	
Glasgow	Feb. 29-Mar. 6	1	.....
Greenock	Mar. 1-7	1	.....
Leith	Dec. 28-Apr. 18	36	6	
Liverpool	Mar. 29-Apr. 4	2	.....
London	Mar. 23-28	1	.....
Hawaii:				
Honolulu	Jan. 18-Mar. 18	3	.....	Case Jan. 18 from ss. Hongkong Maru; case Feb. 23 from ss. China; case Mar. 12 from ss. Nippon Maru.
Honduras				
Mar. 28 .....	.....	.....	.....	Present in the interior.
Tegucigalpa				
Mar. 2-8 .....	.....	2	.....
India:				
Bombay	Dec. 4-Apr. 7 .....	.....	484	
Calcutta	Nov. 17-Mar. 28 .....	.....	168	
Madras	Dec. 14-Apr. 3 .....	.....	67	
Rangoon	Feb. 2-15 .....	.....	5	
Indo-China:				
Cholen	Mar. 22-28	1	.....
Saigon	Feb. 21-Mar. 7	4	.....
Italy—General				
Dec. 6-Apr. 16 .....	.....	1,898	.....
Catania	Dec. 27-Apr. 23 .....	.....	11	
Genoa	Dec. 1-Mar. 31	15	.....
Messina	Dec. 22-28 .....	.....	.....	Present.
Naples	Feb. 2-Apr. 11	14	.....	Case Mar. 28 from ss. Schleswig from Alexandria.
Japan—General				
Jan. 1-Mar. 31 .....	.....	14,368	.....	Year 1907, 981 cases.
Bakan	Jan. 1-Mar. 7	28	8	
Formosa	Feb. 11-Apr. 11	10	1	
Kagoshima	Jan. 1-Mar. 31	1	.....
Kobe	Nov. 17-Mar. 28	5,181	1,865	Case Dec. 7 on W. H. Talbot, sailing vessel.
Moji	Jan. 1-Mar. 7	126	17	Mar. 12, still present.
Nagasaki	Nov. 30-Mar. 29	24	8	
Osaka	Jan. 5-Mar. 21	1,837	601	
Shimonoseki	Jan. 1-Mar. 7	18	4	Do.
Tokyo	Jan. 1-Mar. 31	1,364	.....
Wakamatsu	Jan. 1-Mar. 7	134	.....
Yokohama	Nov. 28-Apr. 13	446	143	
Java:				
Batavia	Nov. 10-Mar. 28	67	2	
Korea:				
Seoul	Jan. 1-Mar. 1	21	.....	In Japanese colony.
Malta				
Dec. 1-Apr. 4 .....	.....	70	6	
Manchuria:				
Dalny	Jan. 5-Feb. 15	5	1	From corrected report; 3 cases imported.

α Cases among foreigners deaths among natives.

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

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Mexico:				
Aguascalientes	Dec. 9-Apr. 26		46	
Mansanillo	Dec. 1-Mar. 14	4	2	
Mexico City	Nov. 17-Mar. 21		52	
Matamoras	Mar. 12-Apr. 4	4	1	
Monterey	Dec. 23-Apr. 12		10	
Nuevo Laredo	Jan. 28-Feb. 4	2		
Progreso	Mar. 19-24	27		Yaqui laborers in quarantine, from American ss. Esperanza and Mexican ss. Sinaloa from Veracruz.
Veracruz	Mar. 8-Apr. 18	7		Imported.
Netherlands, The:				
Rotterdam	Jan. 5-25	3		
Panama:				
Colon	Dec. 8	1		From ss. Atrato.
Perda:				
Hamadan	Oct. 7-Feb. 3			Present.
Kermanshah	Jan. 6-Feb. 15		21	
Mazandaran	Feb. 1-Mar. 30			Do.
Ooroomeyah	Nov. 4			Do.
Sheeraz	Oct. 7-Mar. 30			Do.
Seistan	Oct. 7			Do.
Sultanabad	Feb. 1-29			Do.
Tabriz	Oct. 4-Feb. 3			Do.
Teheran	Nov. 4-Feb. 3			Do.
Toorboot	Oct. 7-Nov. 1			Do.
Peru:				
Callao	Nov. 20-Feb. 2	3	2	Apr. 4, present.
Lima	Dec. 2-Apr. 4			Present.
Philippine Islands:				
Manila	Sept. 22-Mar. 14	16	3	Jan. 23-30, 1 case and 1 death from ss. Benvorlich; Jan. 28, 3 cases from ss. Nikku Maru.
Provinces—				
Cebu	Mar. 7			Epidemic.
Pangasinan—				
San Fabian	Feb. 8	100		
Portugal:				
Barreiro	Apr. 4	1		
Lisbon	Dec. 8-Apr. 18	27		
Russia:				
Batoum	Nov. 14-Mar. 18	122		
Finland—				
Helsingfors	Feb. 17-28	22		
Libau	Jan. 19-Apr. 11	16	2	
Moscow	Nov. 24-Apr. 11	589	276	
Odesa	Nov. 24-Apr. 11	54	16	
Riga	Dec. 1-Apr. 18	69	15	8 deaths in October received out of date.
St. Petersburg	Dec. 1-Apr. 4	273	68	
Warsaw	Oct. 13-Mar. 28		299	
Siberia:				
Vladivostok	Nov. 22-28	4		
Spain:				
Almeria	Jan. 1-Mar. 31		27	
Barcelona	Jan. 10-Mar. 1		8	
Cadiz	Nov. 1-Mar. 31		17	
Cartagena				1907, 23 deaths.
Denla	Dec. 22-Apr. 18	106	14	
Madrid	Nov. 1-Mar. 31		2	Report for October not received.
Malaga	Nov. 1-Jan. 31		22	
Seville	Nov. 1-30		1	
Valencia	Dec. 2-Apr. 19	483	52	
Vigo	Dec. 30-Apr. 11		8	Apr. 18, still present.
Straits Settlements:				
Penang	Feb. 16-Mar. 21	4		
Singapore	Dec. 30-Mar. 28		4	
Switzerland:				
Bern, canton	Feb. 23-29	1		
Luzern, canton	Feb. 23-29	1		
Zurich	Mar. 15-Apr. 18	18		
Turkey in Asia:				
Bagdad	Nov. 3-Mar. 21	780	152	
Smyrna	Jan. 1-Apr. 3		49	
Turkey in Europe:				
Constantinople	Dec. 2-Apr. 19		70	
Kavak	Dec. 26			Present.
Venezuela:				
Caracas	Dec. 9-Jan. 4	60		To Jan. 3, 3,000 cases, estimated.
La Guaira	Nov. 10-Jan. 4	25		Estimated.
Maracaibo	Feb. 18			Present, and in Zulia (Falcon) and surrounding States.
Zanzibar	Feb. 7-Mar. 14		2	

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—															
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough					
Leipzig	Apr. 18	528,184	153	26							1	1							
Leith	do	84,689	21	4															2
Liverpool	do	753,203	289	34							3	2	11						7
London	do	7,323,327	1,897	30							4	16	18	66					43
Lübeck	do	95,000	30	3															
Lyon	Apr. 11	472,114	199	50							1	1		4					
Do	Apr. 18	472,114	173	33															
Madras	Mar. 27	509,346	388			5												4	
Do	Apr. 3	509,346	406			4		1										5	
Mainz	Apr. 18	107,000	41	8														1	2
Manaos	Apr. 11	50,000	20				1				3								
Mannheim	do	176,780	36	4															
Manzanillo	Apr. 25	1,700	1																
Matamoros	do	8,000	3	1							1								
Messina	Apr. 11	107,000	49	3							2								
Mexico	Mar. 21	400,000	443	31				11	6		2	2		1					2
Monrovia	Mar. 7	7,000	4																
Do	Mar. 14	7,000	7																
Do	Mar. 21	7,000	8																
Do	Mar. 28	7,000	5																
Monterey	Apr. 26	100,000	74	6							2	1							
Moscow	Apr. 11	1,335,104	866	95					10	2	2	8	5	20				6	
Munich	do	556,000	178	40										6					2
Nagasaki	Mar. 29	173,118	39										1						
Do	Apr. 5	173,118	51										2						
Nantes	Apr. 19	133,247	52	12															
Naples	Apr. 18	593,729	253	8										20					
Newcastle-on-Tyne	do	272,969	76								1	1	1						1
Newchwang	Mar. 28	60,000	12																
Do	Apr. 4	60,000	8																
Nottingham	Apr. 11	255,000	83																1
Nuremberg	do	311,650	129	22								1	2	2					1
Odessa	do	407,000	191	41						1	3	1	3	3					1
Palermo	Apr. 4	330,000	177	7								1	1	9					
Do	Apr. 11	330,000	164	7															
Para	Apr. 18	185,000	72	11			2												
Paris	do	2,776,394	1,138	227							3	6	6	22					5
Port Elizabeth	Apr. 4	32,959	13	1															
Port of Spain	Apr. 18	60,000	20	2															
Prague	Apr. 11	228,645	138	28															1
Do	Apr. 18	228,645	137	29							1	1	1	2					
Pretoria	Mar. 21	36,839	8																
Rangoon	Mar. 28	252,155	212	6	27	10													
Rotterdam	Apr. 18	405,974	115								2	1							
St. George's, Bermuda	Apr. 11	2,189	1																
St. John, N. B.	May 2	40,789	17	3															
Salazerry	Apr. 10	1,800	1																
Santiago-de-Cuba	Apr. 18	45,500	20																
Do	Apr. 25	45,500	15								1								
Schiedam	Apr. 18	30,985	7																
Do	Apr. 25	30,985	13																
Shanghai	Mar. 22	544,500	186	33								2	2						
Do	Mar. 29	544,500	157	17						3									
Do	Apr. 5	544,500	133	12						5		7							
Singapore	Mar. 21	258,324	188	27						3									
Southampton	Apr. 18	122,196	39	4								2							
South Shields	do	115,588	28	5										1					1
Stettin	do	255,000	31																
Stockholm	Mar. 7	332,738	31	15								1	1	1					1
Do	Mar. 14	332,738	39	18															2
Do	Mar. 21	332,738	78	12															
Do	Mar. 28	332,738	85	13															
Do	Apr. 4	332,738	105	20															
Sunderland	Apr. 11	157,495	55	3															
Do	Apr. 18	157,495	55	3															
Tegucigalpa	Apr. 12	24,000	11																
Trieste	Apr. 11	178,127	99						1			5		11					
Do	Apr. 18	178,127	109								1	1		12					
Turin	Apr. 5	373,701	196	15									2	13					
Veracruz	Apr. 25	32,000	31	4									5	1					

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—												
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.		
Vevey.....	Apr. 11	14,000	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vienna.....	do	2,021,062	706	116	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Do.....	Apr. 18	2,021,062	780	129	.....	.....	.....	.....	.....	3	5	13	38	.....	.....	2
Vigo.....	do	36,000	8	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Warsaw.....	Mar. 28	764,611	344	60	.....	.....	.....	3	3	3	2	1	4	.....	.....	4
West Hartlepool.....	Apr. 11	66,750	29	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
Windsor.....	Apr. 25	3,500	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Zurich.....	Apr. 18	176,784	65	11	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....

By authority of the Secretary of the Treasury:

WALTER WYMAN,

Surgeon-General,

United States Public Health and Marine-Hospital Service.