

PUBLIC HEALTH REPORTS.

UNITED STATES.

Campaign against tuberculosis—Rewards for work and research.

The central committee of the International Congress on Tuberculosis announces the offer of rewards for evidence of effective work in the prevention or relief of tuberculosis; for exhibits of sanatoria, sanitary houses, hospitals, dispensaries and kindred institutions; for a treatise on "The Relation of Atmospheric Air to Tuberculosis"; for educational leaflets and booklets designed for the campaign against tuberculosis, to be distributed to different classes of people, such as dairy farmers, teachers, and school children; for the best contribution of a pathological exhibit; for the societies engaged in the crusade against tuberculosis having the largest membership in relation to population; for the best exhibits of laws and ordinances relating to tuberculosis; for plans that have proven most successful in raising funds for the crusade against tuberculosis; for plans for the employment of arrested cases of tuberculosis, and for exhibits of a sanitary passenger railroad car and a sanitary workshop or factory. The rewards consist of medals and cash prizes. Full information regarding conditions are contained in a circular issued by the central committee of the International Congress on Tuberculosis, Dr. Charles J. Hatfield, chairman, Philadelphia.

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

Reports from San Francisco, Cal.—Status of plague—Plague-prevention work at San Francisco, Oakland, Point Richmond, and Emeryville, Cal.

Passed Assistant Surgeon Blue reports for the two weeks ended March 7:

Total cases verified bacteriologically to date, 121; total cases verified clinically to date, 38; total deaths to date, 77.

Date of occurrence of last case, February 8. Date of finding of last infected rat, March 7.

Doctor Blue further reports plague-prevention work carried out at San Francisco, Oakland, Point Richmond, and Emeryville, Cal., during the weeks ended February 29 and March 7:

SAN FRANCISCO, CAL.

Week ended February 29.

Sick inspected.....	33
Dead inspected.....	155
Necropsies held.....	1
Premises inspected.....	10,564
Houses disinfected.....	159
Houses destroyed.....	35
Buildings condemned.....	8
Nuisances abated.....	3,241

Rats found dead.....	309
Rats trapped.....	10,248

Total rats taken..... 10,557

Rats identified:

Mus alexandrus.....	2
Mus decumanus.....	7,223
Mus rattus.....	152
Mus musculus.....	2,892

Total..... 10,269

Bounty rats received.....	7,892
Rats examined bacteriologically.....	3,919
Rats infected with bacillus pestis.....	20

Week ended March 7.

Total deaths to date.....	77
Sick inspected.....	31
Dead inspected.....	103
Necropsies held.....	4
Premises inspected.....	16,525
Houses disinfected.....	144
Houses destroyed.....	19
Buildings condemned.....	12
Nuisances abated.....	3,800

Rats found dead.....	262
Rats trapped.....	9,502

Total rats taken..... 9,764

Rats identified:

Mus decumanus.....	6,365
Mus rattus.....	149
Mus musculus.....	2,884

Total..... 9,398

Bounty rats received.....	6,230
Rats examined bacteriologically.....	5,100
Rats infected with bacillus pestis.....	21
Poisons placed.....	68,238

Week ended February 29.

OAKLAND, CAL.

Sick inspected.....	227
Dead inspected.....	39
Premises inspected.....	791
Houses disinfected.....	7
Nuisances abated.....	173
Rats found dead.....	44
Rats trapped.....	634
Poisons placed.....	333, 610
Notices served.....	80
Rats examined bacteriologically.....	609
Rats infected with bacillus pestis.....	13
Necropsies held.....	2
Certificates signed.....	4

Week ended March 7.

Sick inspected.....	162
Dead inspected.....	43
Premises inspected.....	630
Houses disinfected.....	9
Nuisances abated.....	96
Rats found dead.....	55
Rats trapped.....	418
Poisons placed.....	220, 650
Notices served.....	56
Ships inspected.....	18
Certificates signed.....	3
Rats examined bacteriologically.....	392
Rats infected with bacillus pestis.....	15
Necropsies held.....	1

Week ended February 29.

POINT RICHMOND, CAL.

Sick inspected.....	3
Dead inspected.....	6
Premises inspected.....	196
Nuisances abated.....	39
Rats found dead.....	43
Rats trapped.....	257
Poisons placed.....	8, 500

EMERYVILLE, CAL.

Premises inspected.....	38
Houses disinfected.....	1
Nuisances abated.....	3
Rats trapped.....	130
Poisons placed.....	12, 490
Notices served.....	14

Outgoing quarantine transactions.

Passed Assistant Surgeon Hobdy reports, March 4: Week ended February 29.

Vessels disinfected and certified.....	50
Vessels certified.....	27

*Reports from Seattle, Wash.—Status of plague-prevention work—
Statement of laboratory work done since January 22, 1908.*

Passed Assistant Surgeon Glover reports, March 9:

The following is a review of the general situation at this port: January 22, the work hitherto done by the Service, with the exceptions of the bacteriological examination of rats and the fumigation of ships, was taken over by the health authorities of the city of Seattle. The local health authorities have conducted the work of poisoning and trapping rats in various sections of the city for the purpose of locating if possible any infected rats. The general work of cleaning up the city has also been done by the local health authorities.

At this season of the year the shipping traffic is at its lowest ebb and quite a number of vessels are now laid up that within a month or so will be put into commission.

Five rats infected with plague were found during the months of November, December, and January. These rats were for the most part found near the water front in tide-flat land. This region was thoroughly covered by poisoners and trappers, but no plague rats have been found there since January.

Considerable regrading is in progress in Seattle. Hills are being cut down and the dirt deposited on tide flats, raising the flats from 20 to 40 feet. Houses are elevated on piles to a similar height in these low-lying parts of the city, and all this, combined with the work of cleaning up refuse, destroying old shacks, and poisoning and trapping, has scattered the rats over the city. Householders in sections hitherto comparatively free from rodents are now reporting the presence of large numbers of rats in their neighborhoods. This season of the year is characterized by greatly increased rainfall in this region, and the rats, of necessity, take refuge in buildings. The number of fleas on rats is less than in November. Counts made in the laboratory show that the number of fleas per rat has dropped from 15-20 per rat in November to 6 fleas in 14 rats in February. Fleas become more plentiful here in March.

Assistant Surgeon Chapin reports, March 4, through Passed Assistant Surgeon Glover:

The following is a report of the work done in the plague laboratory since January 22, 1908:

During this period 5,931 rats were examined post-mortem. Where the gross inspection offered any ground of suspicion of infection with bacillus pestis, microscopical examination was made of smears from the bubo, liver, and spleen. Where the gross appearances were suggestive of plague, or where plague-like bacilli were found in the smears, cultures were taken, and in 14 of the most suspicious cases guinea pigs were given cutaneous inoculation with material from the organs. Cultures have uniformly proven negative as to bacillus pestis. None of the inoculated guinea pigs have shown signs of illness. In no case has a rat brought to the laboratory shown the typical lesions of advanced plague with large numbers of bacilli in the organs. The cultural and inoculation work has therefore been confined to rats showing a typical lesion or suspected of having the disease in an incipient state.

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

CALIFORNIA—*San Jose*.—Month of October,^a 1907. Estimated population, 34,000. Total number of deaths, 36. Case: Diphtheria 1.

Month of November, 1907. Total number of deaths, 30. Cases: Diphtheria 2, scarlet fever 5, and smallpox 3.

Month of December, 1907. Total number of deaths, 42. Cases: Diphtheria 7, scarlet fever 3, and smallpox 9.

COLORADO.—Month of December, 1907. Estimated population, 615,570. Reports to the State board of health show as follows: Diphtheria, 107 cases, 21 deaths; enteric fever, 137 cases, 26 deaths; scarlet fever, 340 cases, 1 death; smallpox, 135 cases and 1 death. Total number of deaths from all causes, 1,070.

CONNECTICUT—*New London*.—Month of February, 1908. Estimated population, 20,200. One death from scarlet fever and 3 from tuberculosis reported. Cases: Enteric fever 2, measles 14, and scarlet fever 13.

FLORIDA—*Pensacola*.—Month of February, 1908. Estimated population, 22,256. Total number of deaths, 31, including 3 from tuberculosis. Cases of contagious diseases not reported.

ILLINOIS—*Evanston*.—Month of February, 1908. Estimated population, 23,000. Total number of deaths, 20, including measles 1, scarlet fever 1, and 2 from tuberculosis. Cases: Diphtheria 2, measles 33, scarlet fever 10, and enteric fever 2.

Kankakee.—Month of February, 1908. Estimated population, 18,500. Total number of deaths not reported. One death from diphtheria. Cases: Diphtheria 2, and scarlet fever 2.

Quincy.—Month of February, 1908. Estimated population, 43,000. Total number of deaths, 70, including whooping cough 2, and 7 from tuberculosis. Cases: Diphtheria 7, scarlet fever 1, measles 3, whooping cough 3, and enteric fever 2.

INDIANA—*Marion*.—Month of February, 1908. Estimated population, 27,000. Total number of deaths, 18, including 4 from tuberculosis. Cases: Smallpox 14.

IOWA—*Cedar Rapids*.—Month of February, 1908. Estimated population, 30,000. Total number of deaths, 33, including scarlet fever 1 and 5 from tuberculosis. Cases: Scarlet fever 8, measles 2, and smallpox 5.

KANSAS.—Month of January, 1908. Reports to the State board of health show as follows: Diphtheria, 132 cases, 21 deaths; enteric fever, 43 cases, 6 deaths; measles, 107 cases, 1 death; scarlet fever, 122 cases, 3 deaths; smallpox, 459 cases, 1 death; tuberculosis, 72 cases, 50 deaths.

^a Received out of regular order.

KENTUCKY—Henderson.—Month of February, 1908. Estimated population, 17,500. Total number of deaths 31, including 5 from tuberculosis. Cases: Enteric fever 16, measles 9, scarlet fever 1, and tuberculosis 3.

MINNESOTA—Stillwater.—Month of February, 1908. Estimated population, 12,318. Total number of deaths 17, including 3 from tuberculosis. Case: Measles 1.

NEW JERSEY.—Reports to the State board of health for the month ended February 15, 1908, show a total of 3,528 deaths, including diphtheria 67, enteric fever 39, measles 11, scarlet fever 50, whooping cough 24, and 422 from tuberculosis.

NEW YORK.—Month of January, 1908. Estimated population, 8,227,000. Reports to the State department of health show as follows: Total number of deaths 12,599, corresponding to an annual death rate of 18.0 per 1,000 of the population, including enteric fever 88, measles 145, scarlet fever 200, whooping cough 29, diphtheria 302, and 1,231 from phthisis pulmonalis. Cases: Diphtheria 2,134, enteric fever 434, measles 5,796, scarlet fever 3,187, smallpox 265, and tuberculosis 1,865.

Buffalo.—Month of February, 1908. Estimated population, 400,000. Total number of deaths 503, including diphtheria 4, enteric fever 4, scarlet fever 7, whooping cough 2, and 45 from tuberculosis. Cases: Diphtheria 24, enteric fever 13, measles 287, scarlet fever 117, whooping cough 32, smallpox 1, and tuberculosis 68.

Troy.—Month of December,^a 1907. Estimated population, 76,861. Total number of deaths 123, including diphtheria 2, enteric fever 1, and 14 from tuberculosis. Cases: Diphtheria 12, enteric fever 4, measles 50, scarlet fever 4, whooping cough 1, and tuberculosis 24.

Yonkers.—Month of February, 1908. Estimated population, 72,000. Total number of deaths, 84, including enteric fever 1, scarlet fever 5, and 15 from tuberculosis. Cases: Diphtheria 7, enteric fever 3, measles 16, scarlet fever 39, whooping cough 1, and phthisis pulmonalis 7.

OHIO—Ashtabula.—Month of February, 1908. Estimated population, 18,000. Total number of deaths, 25. Cases: Diphtheria 3, measles 3, and scarlet fever 5.

OREGON.—Month of December, 1907. Reports to the State board of health from 33 counties show as follows: Total number of deaths, 396, including diphtheria 9, enteric fever 9, measles 11, scarlet fever 3, and 35 from tuberculosis. Cases: Diphtheria 82, enteric fever 56, measles 79, scarlet fever 77, smallpox 98, and tuberculosis 7.

Portland.—Month of January, 1908. Estimated population, 175,000. Total number of deaths, 136, including enteric fever 4, diphtheria 1, whooping cough 1, and 13 from tuberculosis. Cases:

^a Received out of regular order.

Diphtheria 62, enteric fever 28 (9 brought to city for treatment), measles 8, smallpox 13, whooping cough 2, and scarlet fever 13.

TEXAS.—Month of January, 1908. Estimated population, 2,881,200. Total number of deaths, 1,395, including diphtheria 15, enteric fever 58, measles 1, scarlet fever 3, whooping cough 1, and 142 from tuberculosis.

Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, December 28, 1907, to March 20, 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:				
Mobile County	Jan. 1-14.....	9		And vicinity. Report for November received out of date. No cases in December.
Mobile.....	Nov. 2-Mar. 8.....	49		
Total for State.....		58		
Arizona:				
Benson	Jan. 26-Feb. 10.....	5		
Bisbee	Nov. 14-Jan. 19.....	18		
Total for State.....		23		
California:				
Berkeley	Dec. 15-Feb. 15.....	2		Case Feb. 13 from ss. Santa Barbara.
Los Angeles	Dec. 15-Feb. 29.....	104		
Oakland.....	Nov. 1-Jan. 31.....	77		
Sacramento	Dec. 1-Jan. 31.....	4		Jan. 28, 1 case in San Francisco Quarantine Station from ss. Mongolia. Reports for November and December received out of date.
San Diego	Dec. 1-31.....	1		
San Francisco.....	Dec. 15-Feb. 29.....	83		
San Jose.....	Nov. 1-Feb. 29.....	74		
Total for State.....		345		
Colorado:				
Adams County	Nov. 1-Dec. 31.....	12		
Bent County	Nov. 1-30.....	4		
Boulder County	Nov. 1-30.....	1		
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.....		216		
Connecticut:				
New Britain.....	Dec. 1-Jan. 31.....	3		
Total for State.....		3		
District of Columbia:				
Washington.....	Dec. 15-Mar. 7.....	73		
Total for District.....		73		
Florida:				
Tarpon Springs.....	Dec. 15-Jan. 4.....	5		
Total for State.....		5		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Georgia:				
Augusta.....	Jan. 22-28	1	.....	Imported.
Total for State.....		1		
Illinois:				
Champaign County.....	Jan. 1-31	3	.....
Champaign.....	Jan. 1-31	2	.....
Cook County.....	Jan. 1-31	12	.....
Chicago.....	Jan. 4-Feb. 8	19	.....
Crawford County.....	Jan. 1-31	9	.....
Oblong.....	Dec. 1-31	55	.....
Douglas County.....	Jan. 1-31	2	.....
Edwards County.....	Jan. 1-31	2	.....	Present in December.
Ford County.....	Jan. 1-31	30	.....
Franklin County.....	Jan. 1-31	1	.....
Fulton County.....	Jan. 1-31	7	.....
Johnson County.....	Jan. 1-31	6	.....
Lake County.....	Jan. 1-31	2	.....
La Salle County.....	Dec. 1-31 .....	.....	.....	Present.
Lawrence County.....	Jan. 1-31	3	.....
Livingston County.....	Dec. 1-Jan. 31	20	.....
Logan County.....	Dec. 1-Jan. 31	2	.....
Macon County.....	Jan. 1-31	1	.....
Macoupin County.....	Jan. 1-31	4	.....
Madison County (Alton).....	Dec. 1-31	1	.....
Marion County.....	Jan. 1-31	10	.....
Mason County.....	Dec. 1-Jan. 31	174	.....
McLean County.....	Jan. 1-31	8	.....	Present in December.
Menard County.....	Jan. 1-31	7	.....
Montgomery County.....	Jan. 1-31	1	.....
Morgan County.....	Jan. 1-31	15	.....
Jacksonville.....	Jan. 5-11	8	.....
Peoria County.....	Jan. 1-31	10	.....
Peoria.....	Jan. 1-31	7	.....
Perry County.....	Jan. 1-31	19	.....
Platt County.....	Dec. 1-Jan. 31	29	.....
Pike County.....	Jan. 1-31	1	.....	Do.
Saline County.....	Dec. 1-31 .....	.....	.....	Present.
Sangamon County.....	Dec. 1-Jan. 31	53	.....
Springfield.....	Dec. 15-Mar. 5	112	.....
Scott County.....	Jan. 1-31	13	.....
Stark County.....	Jan. 1-31	3	.....
Stephenson County.....	Dec. 1-Jan. 31	6	.....
Ridott.....	Dec. 1-31	39	.....
Tazewell County.....	Jan. 1-31	6	.....
Vermilion County—	Jan. 1-31	2	.....
Danville.....	Jan. 1-23	2	.....
Whiteside County.....	Jan. 1-31	1	.....	Present in December.
Winnebago County—				
Rockford.....	Jan. 1-Feb. 29	30	.....
Total for State.....		732		
Indiana:				
Allen County.....	Dec. 1-31	2	.....
Bartholomew County.....	Nov. 1-Dec. 31	3	.....
Cass County.....	Dec. 1-31	1	.....
Clay County.....	Nov. 1-30	2	.....
Clinton County.....	Dec. 1-31	15	.....
Davless County.....	Nov. 1-30	3	.....
Delaware County—				
Muncie.....	Dec. 29-Mar. 7	13	.....
Elkhart County.....	Dec. 1-31	38	.....
Elkhart.....	Dec. 22-Mar. 7	15	.....
Grant County.....	Dec. 1-31	10	.....
Marion.....	Jan. 1-Feb. 29	18	.....
Johnson County.....	Dec. 1-31	4	.....
Lagrange County.....	Nov. 1-Dec. 31	100	.....
Lawrence County.....	Dec. 1-31	6	.....
Madison County.....	Nov. 1-Dec. 31	59	.....
Anderson.....	Feb. 1-29	2	.....
Marion County.....	Dec. 1-31	1	.....
Indianapolis.....	Dec. 16-Mar. 1	19	.....
Marshall County.....	Nov. 1-Dec. 31	11	.....
Miami County.....	Nov. 1-Dec. 31	6	.....
Monroe County.....	Dec. 1-31	2	.....
Noble County.....	Nov. 1-30	2	.....
Parke County.....	Nov. 1-Dec. 31	2	.....
Rush County.....	Dec. 1-31	1	.....
St. Joseph County.....	Dec. 1-31	11	.....
South Bend.....	Dec. 22-Feb. 29	5	.....

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Indiana—Continued.				
Sullivan County.....	Nov. 1-30.....	1		
Tippecanoe County—				
La Fayette.....	Dec. 17-Mar. 2.....	7		
Vigo County.....	Dec. 1-31.....	1		
Terre Haute.....	Dec. 22-Jan. 25.....	11		
Wayne County.....	Nov. 1-Dec. 31.....	14		
Total for State.....		385		
Iowa:				
Burlington.....	Mar. 1-Nov. 30.....	2		Received out of date.
Cedar Rapids.....	Jan. 2-Feb. 29.....	9		
Davenport.....	Jan. 1-Feb. 15.....	2		
Ottumwa.....	Jan. 26-Feb. 29.....	4		
Sioux City.....	Feb. 2-29.....	26		
Total for State.....		43		
Kansas:				
Allen County.....	Nov. 1-Jan. 31.....	38		
Anderson County.....	Jan. 1-31.....	14		
Aitchison County.....	Dec. 1-31.....	77		
Aitchison.....	Nov. 1-Jan. 31.....	95		
Barber County.....	Jan. 1-31.....	8		
Barton County.....	Dec. 1-Jan. 31.....	31		
Bourbon County.....	Dec. 1-31.....	3		
Brown County.....	Nov. 1-Jan. 31.....	6		
Butler County.....	Nov. 1-Jan. 31.....	7		
Cherokee County.....	Dec. 1-Jan. 31.....	76		
Galena.....	Dec. 22-28.....	17		
Coffey County.....	Jan. 1-31.....	5		
Crawford County.....	Jan. 1-31.....	1		
Decatur County.....	Dec. 1-31.....	2		
Doniphan County.....	Jan. 1-31.....	2		
Douglas County.....	Jan. 1-31.....	2		
Ellis County.....	Dec. 1-Jan. 31.....	3		
Finney County.....	Jan. 1-31.....	2		
Ford County.....	Jan. 1-31.....	14		
Franklin County.....	Jan. 1-31.....	2		
Greenwood County.....	Jan. 1-31.....	2		
Harper County.....	Jan. 1-31.....	3		
Harvey County.....	Jan. 1-31.....	3		
Jefferson County.....	Jan. 1-31.....	6		
Kingman County.....	Jan. 1-31.....	4		
Labette County.....	Dec. 1-21.....	1		
Parsons.....	Nov. 1-Dec. 31.....	25		
Leavenworth County.....	Jan. 1-31.....	9		
Leavenworth.....	Nov. 1-30.....	3		
Mitchell County.....	Dec. 1-Jan. 31.....	11		
Montgomery County.....	Jan. 1-31.....	14		
Coffeyville.....	Jan. 1-31.....	2		
Nemaha County.....	Dec. 1-Jan. 31.....	22	1	
Pawnee County.....	Jan. 1-31.....	1		
Phillips County.....	Nov. 1-30.....	2		
Pratt County.....	Dec. 1-31.....	11		
Reno County.....	Dec. 1-Jan. 31.....	68		
Republic County.....	Dec. 1-31.....	13		
Riley County.....	Jan. 1-31.....	4		
Rush County.....	Jan. 1-31.....	3		
Saline County.....	Nov. 1-30.....	4		
Scott County.....	Jan. 1-31.....	25		
Sedgwick County.....	Jan. 1-31.....	1		
Wichita.....	Dec. 15-Mar. 7.....	66		
Shawnee County.....	Nov. 1-Jan. 31.....	31		
Topeka.....	Dec. 29-Feb. 15.....	14		
Sheridan County.....	Nov. 1-30.....	4		
Stafford County.....	Dec. 1-31.....	6		
Sumner County.....	Jan. 1-31.....	8		
Wabaunsee County.....	Jan. 1-31.....	8		
Wyandotte County.....	Dec. 1-Jan. 31.....	5		
Kansas City.....	Dec. 29-Mar. 7.....	42		
Total for State.....		826	1	
Kentucky:				
Covington.....	Dec. 15-Mar. 7.....	18		
Georgetown.....	Jan. 1-Feb. 21.....	26		
Lexington.....	Dec. 22-Feb. 29.....	22		
Total for State.....		66		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Louisiana:				
New Orleans.....	Dec. 22-Mar. 7....	78		
Total for State.....		78		
Maine:				
Somerset County.....	Dec. 12-Jan. 8....	10		Outbreak in lumber camp.
Total for State.....		10		
Maryland:				
Baltimore.....	Dec. 22-Feb. 22....	3		
Total for State.....		3		
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		
Cass County.....	Nov. 1-Jan. 31....	4		
Chippewa County.....	Dec. 1-31.....	16		
Sault Sainte Marie.....	Nov. 1-Jan. 31....	11		
Clinton County.....	do.....	13		
Crawford County.....	Nov. 1-30.....	1		
Eaton County.....	Nov. 1-Jan. 31....	18		
Emmet County.....	do.....	24		
Genesee County.....	Dec. 1-Jan. 31....	6		
Grand Traverse County.....	Nov. 1-Jan. 31....	13		
Grafton County.....	do.....	5		
Hillsdale County.....	Dec. 1-Jan. 31....	6		
Huron County.....	Nov. 1-Jan. 31....	36		
Ingham County.....	do.....	4		
Lansing.....	Dec. 1-Jan. 31....	4		
Iona County.....	Nov. 1-30.....	1		
Isabella County.....	Jan. 1-31.....	1		
Jackson County.....	Nov. 1-Jan. 31....	16		
Kent County.....	do.....	4		
Grand Rapids.....	Dec. 29-Jan. 18....	8		
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.....	do.....	142		
Mason County.....	do.....	6		
Ludington.....	do.....	17		
Menominee County.....	Dec. 1-31.....	1		
Montcalm County.....	Nov. 1-Dec. 31....	12		
Muskegon County.....	Jan. 1-31.....	1		
Newaygo County.....	do.....	4		
Oakland County.....	do.....	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-Feb. 22....	119		
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.....	do.....	26		
Wayne County.....				
Detroit.....	Jan. 12-Mar. 7....	3		
Wexford County.....	Dec. 1-Jan. 31....	21		
Total for State.....		877	2	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Minnesota:				
Aitkin County	Dec. 31-Jan. 20.	3		
Becker County	Nov. 27-Jan. 27.	6		
Benton County	Dec. 31-Jan. 6.	1		
Bigstone County	Dec. 3-9	6		
Blue Earth County	Nov. 27-Jan. 27.	51		
Brown County	Dec. 9-Jan. 20.	16		
Carlton County	Jan. 13-20	1		
Carver County	do	5		
Cass County	Nov. 27-Jan. 27.	12		
Chippewa County	Dec. 3-Jan. 27.	11		
Chisago County	Dec. 3-Jan. 27.	35		
Clay County	Dec. 17-Jan. 20.	30		
Cottonwood County	Dec. 17-Jan. 27.	33		
Crow Wing County	Dec. 31-Jan. 27.	3		
Dakota County	Nov. 27-Jan. 27.	145	2	
Dodge County	Jan. 14-20.	1		
Faribault County	Dec. 31-Jan. 27.	29		
Fillmore County	Dec. 10-Jan. 27.	6		
Freeborn County	Dec. 24-30	2		
Goodhue County	Dec. 24-Jan. 13.	5		
Hennepin County	Nov. 27-Jan. 27.	59		
Minneapolis	do	204	1	
Houston County	Dec. 10-16	1		
Hubbard County	Dec. 24-Jan. 27.	8		
Itaska County	Dec. 10-16	1		
Jackson County	Jan. 7-13	1		
Kanabec County	Dec. 17-Jan. 20.	25		
Kandiyohi County	Dec. 24-Jan. 20.	7		
Kittson County	Dec. 10-23	1		
Koochiching County	Jan. 14-27.	3		
Lac Qui Parle County	Dec. 31-Jan. 20.	4		
Lesueur County	Dec. 3-Jan. 20.	26		
McLeod County	Jan. 14-27.	2		
Marshall County	Jan. 7-13.	1		
Martin County	Jan. 14-27.	125		
Meeker County	Jan. 7-20.	8		
Millelacs County	Dec. 17-23.	1		
Morrison County	Nov. 27-Jan. 27.	39		
Murray County	Nov. 27-Dec. 2.	1		
Nicollet County	Nov. 27-Jan. 27.	80		
Nobles County	Jan. 7-27.	8		
Norman County	Jan. 21-27.	1		
Ottertail County	Dec. 24-Jan. 27.	15		
Pine County	Nov. 27-Jan. 13.	13		
Pipestone County	Dec. 24-Jan. 6.	4		
Folk County	Nov. 27-Jan. 27.	21		
Ramsey County	Dec. 31-Jan. 27.	6		
St. Paul	Oct. 1-Dec. 31	214	1	
Red Lake County	Jan. 14-20.	1		
Benville County	Dec. 3-9	1		
Rice County	Jan. 7-27.	13		
St. Louis County	Dec. 3-27.	54		
Duluth	Dec. 3-27.	147		
Scott County	Dec. 17-Jan. 20.	10		
Sherburn County	Dec. 10-30	3		
Sibley County	Dec. 10-Jan. 27.	12		
Stearns County	Dec. 10-27.	92		
Steele County	Nov. 27-Jan. 20.	29		
Swift County	Dec. 3-Jan. 6.	8		
Todd County	Dec. 10-Jan. 27.	37		
Traverse County	Jan. 21-27.	2		
Wabasha County	Dec. 3-30.	8		
Waseca County	Jan. 8-27.	11		
Washington County	Nov. 27-Jan. 20.	8		
Wilkin County	Dec. 3-Jan. 20.	18		
Winona County	Nov. 27-Jan. 27.	12		
Winona	Dec. 15-Feb. 29.	15		
Wright County	Dec. 1-Jan. 13.	2		
Total for State		1,768	4	
Mississippi:				
Harrison County—				
Gulfport	Feb. 18	1		
Perry County—				
Epps	Jan. 15.	1		
Hattiesburg	June 1-Jan. 15.	29		And vicinity.
Washington County	Dec. 30-Jan. 13.	3		
Total for State		34		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.	
Missouri:					
Buchanan County— St. Joseph.....	Dec. 15-Mar. 7....	152			
Cole County— Jefferson City.....	Jan. 1-9.....	8			
Jackson County— Kansas City.....	Dec. 29-Mar. 7....	76	2		
Marion County— Hannibal.....	Feb. 4-10.....	2			
Putnam County St. Louis City County— St. Louis.....	Jan. 1-31.....	32			
Worth County.....	Dec. 15-Feb. 8....	29			
	Jan. 1-31.....	6			
Total for State.....		305	2		
Montana:					
Broadwater County.....	Dec. 1-31.....	1			
Cascade County.....	Dec. 1-31.....	1			
Fergus County.....	Nov. 1-30.....	1			
Flathead County.....	Dec. 1-31.....	2			
Jefferson County.....	Jan. 1-31.....	2			
Lewis and Clarke County— Helena.....	Dec. 1-Jan. 31.....	3			
Missoula County.....	Nov. 1-Jan. 31.....	2			
Missoula.....	Dec. 1-Jan. 31.....	8			
Park County.....	Dec. 1-Jan. 31.....	5			
Powell County.....	Dec. 1-31.....	2			
Ravalli County.....	Nov. 1-30.....	1			
Sanders County.....	Jan. 1-31.....	2			
Silverbow County.....	Nov. 1-Jan. 31.....	4			
Butte.....	Jan. 15-Mar. 3.....	12			
Yellowstone County.....	Nov. 1-30.....	3			
Total for State.....		49			
Nebraska:					
Lincoln.....	Nov. 1-Dec. 31....	4			
Nebraska City.....	Dec. 8-Mar. 7.....	23			
Omaha.....	Oct. 1-15.....	89		Epidemic in vicinity.	
Total for State.....		116			
New Mexico:					
Albuquerque.....	To Jan. 26.....	15			
Total for State.....		15			
New York:					
Allegany County.....	Dec. 1-31.....	3		State of, 265 cases, Jan. 1-31.	
Cayuga County.....	Nov. 8-30.....	4			
Clinton County.....	Nov. 8-30.....	1			
Erie County— Buffalo.....	Dec. 15-Feb. 29....	3			
Jefferson County.....	Nov. 8-30.....	5			
Lewis County.....	Nov. 8-Dec. 31....	31			
New York County— New York.....	Dec. 15-Mar. 7.....	16			
Niagara County— Niagara Falls.....	Dec. 15-Jan. 11....	3			
Oneida County.....	Nov. 8-31.....	17			
Onondaga County— Syracuse.....	Dec. 15-24.....	1			
Orange County.....	Nov. 8-30.....	2			
Oswego County.....	Nov. 8-Dec. 31....	17			
Schenectady County— Schenectady.....	Nov. 8-Jan. 31.....	4			
Tompkins County.....	Nov. 8-Dec. 31....	3			
Ulster County— Kingston.....	Nov. 8-Jan. 31.....	155			
Westchester County.....	Nov. 8-30.....	1			
Total for State.....		266			
North Carolina:					
Ashe County.....	Nov. 1-30.....	1			
Davie County.....	Nov. 1-30.....	2			
Forsyth County.....	Nov. 1-30.....	1			
Guilford County.....	Nov. 1-30.....	3			
Greensboro.....	Dec. 15-Jan. 18....	11			
Johnston County.....	Nov. 1-30.....	25			
Mecklenburg County— Charlotte.....	Feb. 9-Mar. 7.....	4			

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
North Carolina—Continued.				
Orange County.....	Nov. 1-30.....	6		
Pitt County.....	Nov. 1-30.....	11		
Robeson County.....	Nov. 1-30.....	2		
Rockingham County.....	Nov. 1-30.....	10		
Sampson County.....	Nov. 1-30.....	1		
Total for State.....		77		
North Dakota:				
Wells County.....	Dec. 21-Feb. 22.....	20		
Fessenden.....	Dec. 21-Feb. 22.....	20		
Total for State.....		40		
Ohio:				
Cincinnati.....	Dec. 21-Mar. 6.....	124	1	Imported.
Dayton.....	Jan. 5-Feb. 15.....	5		
Lorain.....	Dec. 29-Jan. 4.....	2		
Piqua.....	May 1-Aug. 31.....	21		
Toledo.....	Dec. 29-Mar. 7.....	6		
Warren.....	Feb. 9-15.....	1		
Zanesville.....	Feb. 1-29.....	2		
Total for State.....		161	1	
Oklahoma:				
Oklahoma City.....	Dec. 22-28.....	7		
Total for State.....		7		
Oregon:				
Baker County.....	Nov. 1-30.....	8		
Grant County.....	Nov. 1-30.....	28		
Klamath County.....	Nov. 1-30.....	2		
Multnomah County— Portland.....	Nov. 1-Feb. 8.....	27		
Wallowa County.....	Nov. 1-30.....	6		
Total for State.....		71		
Pennsylvania:				
Erie.....	Dec. 20-26.....	2		
Harrisburg.....	Jan. 1-22.....	3		
Merion.....	Jan. 26-Feb. 19.....	1		
Pittsburg.....	Feb. 9-15.....	1		
Williamsport.....	Jan. 26-Feb. 1.....	1		
Total for State.....		8		
South Dakota:				
Sioux Falls.....	Nov. 1-Feb. 1.....	26		
Total for State.....		26		
Tennessee:				
Franklin.....	Dec. 1-Jan. 11.....	20		
Knoxville.....	Dec. 15-Mar. 7.....	50		
Memphis.....	Dec. 22-Feb. 8.....	10		
Nashville.....	Dec. 15-Mar. 7.....	124		
Sumner County.....	Nov. 29-Jan. 18.....	3		
Total for State.....		207		
Texas, in 51 counties				
Fort Worth.....	Dec. 1-Jan. 31.....	651		
Galveston.....	Dec. 1-31.....	45		
Houston.....	Feb. 1-21.....	4		
Laredo.....	Jan. 1-18.....	6		
San Antonio.....	Jan. 9.....	1		
San Antonio.....	Dec. 15-Mar. 7.....	52	1	
Total for State.....		759	1	
Utah:				
Davis County.....	Dec. 1-31.....	1		
Salt Lake County— Salt Lake.....	Dec. 1-31.....	4		
Summit County.....	Nov. 1-Jan. 31.....	81		
Utah County.....	Oct. 1-31.....	2		
Wasatch County.....	Dec. 1-Jan. 31.....	7		
Weber County.....	Nov. 1-Jan. 31.....	23		
Ogden.....	Dec. 1-Jan. 31.....	25		
Total for State.....		143		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Virginia:				
Carroll County.....	Jan. 1-31.....	1		
Floyd County.....	Jan. 1-31.....	1		
Giles County.....	Jan. 1-31.....	8		
Henrico County— Richmond.....	Jan. 6-Mar. 7.....	9		
King William County.....	Jan. 1-31.....			Present.
Lee County.....	Jan. 1-31.....	6		
Norfolk County— Norfolk.....	Feb. 22-Mar. 13.....	2		In City Hospital, Craney Island.
Powhatan.....	Jan. 1-31.....	3		
Roanoke County.....	Jan. 1-31.....	8		
Roanoke.....	To Dec. 13.....	9		
Scott County.....	Jan. 1-31.....	8		
Tazewell County.....	Jan. 1-31.....	27		
Warwick County— Newport News.....	Jan. 1-Feb. 29.....	2		
Wise County.....	Jan. 1-31.....	4		
Wythe County.....	Jan. 1-31.....			Present.
Total for State.....		88		
Washington:				
Seattle.....	Nov. 1-Jan. 31.....	35		
Spokane.....	Dec. 15-Feb. 29.....	118	2	
Tacoma.....	Dec. 15-Feb. 15.....	19		
Total for State.....		172	2	
Wisconsin:				
Appleton.....	Jan. 18-25.....	1		
La Crosse.....	Dec. 15-Mar. 7.....	65		
Milwaukee.....	Dec. 15-Mar. 7.....	13		
Oshkosh.....	Jan. 1-25.....	1		
Total for State.....		80		
Grand total, United States.....		8,143	18	

Plague in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, December 23, 1907, to March 20, 1908.

Place.	Date.	Cases.	Deaths.	Remarks.
California:				
San Francisco ^a	Dec. 26-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-March 20, 1908.

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

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.
Taunton, Mass.	Mar. 7	31,036	15	2	3							2	1		
Terre Haute, Ind.	do	36,673	12		1			1		1		59			
Titusville, Pa.	do	8,244	1												
Toledo, Ohio.	Feb. 29	131,822	43		4			2		2					
Do.	Mar. 7	131,822	43		5	1	1	1		3		2			
Topeka, Kans.	Feb. 29	33,608	25			1		5		3		3			
Trenton, N. J.	Mar. 7	78,307				3	1	3		2	2				
Waltham, Mass.	do	23,481	6	2				4		2		9		1	
Warren, Ohio.	do	8,529	3		1										
Washington, D. C.	do	278,718	150		14	8		9	1	5		22		5	1
Wichita, Kans.	Feb. 8	24,671								2					
Do.	Feb. 29	24,671										1			
Do.	Mar. 7	24,671						2							
Wilksburg, Pa.	do	11,886	5	2	1	5						3			
Wilmington, Del.	do	76,508	26		5		1								
Winona, Minn.	Feb. 29	19,714	6		2										
Woburn, Mass.	Mar. 7	14,254	6					2		2		2			
Worcester, Mass.	Feb. 29	118,421	53		8			18	1	13	1	14			
Do.	Mar. 7	118,421	60		9			10		9	1	28	1		

FOREIGN AND INSULAR.

BARBADOS.

Report from Bridgetown—Yellow fever.

Consul Clare reports, March 3:

The general board of health has officially reported to-day that 2 fatal cases of yellow fever occurred March 1. These cases make a total of 6 from January 29, of which 4 have been fatal.

BRAZIL.

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

Acting Assistant Surgeon Stewart reports, February 19:

Week ended February 16. Vessels inspected and received bills of health: February 10, German steamship *Getrune*, for New York, with a cargo of coffee, and 1 cabin and 4 steerage passengers, and with 2 new members of the crew signed on in this port; February 11, Brazilian steamship *Goyaz*, for New York, with a miscellaneous cargo for intermediate ports, and some coffee for New York, and with 46 cabin and 41 steerage passengers, and with no change in the personnel of the crew in this port; February 13, British steamship *Newton*, for New Orleans, with a cargo of coffee, no passengers, and no change in the crew personnel, and German steamship *Mecklenburg*, for New Orleans, with a cargo of coffee, no passengers, and no change in the personnel of the crew.

No other vessels left this port for United States ports during the period under consideration.

Mortality—Plague and smallpox.—Week ended February 16, 1908. Total deaths, 247. Yellow fever caused no deaths, nor were any cases reported. Plague caused 1 death with 1 new case reported. Variola caused 16 deaths, with 22 new cases reported. At the close of the week there were in the Hospital São Sebastião, 45 cases of variola and 5 cases of plague under treatment, and 16 cases of suspicious illness under observation.

CHINA.

Reports from Hongkong—Quarantine restrictions—Plague and smallpox—Summary, month of January, 1908.

Acting Assistant Surgeon Hough reports:

Week ended February 1. Restrictions enforced by Hongkong remain as reported on November 2.

Restrictions enforced against Hongkong remain as reported on November 2.

Quarantinable diseases: Plague, 4 cases, 4 deaths; smallpox, 25 cases, 17 deaths.

Vessels inspected and granted bills of health, 9.

Precautions taken at Hongkong during the month of January, 1908, for the protection of the public health of the United States, the insular territory, and the Republic of Panama.

Vessels inspected and granted bills of health.....	37
Vessels fumigated to kill vermin.....	2
Examined for diseases contemplated in paragraphs 29 and 67 of the Quarantine Regulations:	
(a) Personnel.....	3,380
(b) Passengers.....	570
Required to bathe and undergo special examination:	
(a) Personnel.....	2,589
(b) Passengers.....	370
Examined for diseases contemplated by the laws controlling immigration:	
Aliens.....	385
Rejected.....	115
Baggage:	
(a) Inspected and labeled.....	0
(b) Disinfected and labeled.....	2,961
Quarantinable diseases: Plague, 5 cases, 5 deaths; smallpox, 51 cases, 45 deaths.	

CUBA.

Reports from Cienfuegos—Inspection and fumigation of vessels—Status of yellow fever at Santa Clara—Summary of transactions, month of February, 1908.

Acting Assistant Surgeon Marsillan reports, March 2 and 9:

Week ended February 29.

Vessels inspected and bills of health issued.....	4
Members of crews inspected.....	93
Passengers inspected (2 from this port, 1 in transit).....	3

February 28 the local health office reported that all cases of yellow fever at Santa Clara city had recovered, except 1 American soldier. No new cases of yellow fever have been reported in this city since January 24 and no quarantinable disease was reported during the week.

Transactions for the month of February, 1908.

Vessels inspected.....	22
Vessels inspected and fumigated.....	2
Bills of health issued.....	24
Members of crews inspected.....	611
Members of crews inspected landed at this port.....	1
Members of crews inspected taken on at this port.....	2
Passengers inspected (2 from this port, 6 in transit).....	8

The 2 fumigations were done by request of the captains of the vessels.

Week ended March 7. Five vessels were inspected and bills of health issued for the United States; total members of crews, 151.

No quarantinable disease has been reported at this port during the week.

Report from Habana—Inspection and fumigation of vessels.

Acting Assistant Surgeon Thomas reports, March 9:

Week ended March 7.

Vessels inspected and bills of health issued.....	21
Vessels not inspected and bills of health issued.....	7
Members of crews of outgoing vessels inspected.....	997
Members of crews of outgoing vessels not inspected.....	388
Passengers of outgoing vessels inspected.....	1,424
Passengers of outgoing vessels not inspected.....	151
Certificates of vaccination issued for Colon.....	15
Vessels fumigated prior to sailing.....	8

During this period, no new yellow fever cases have been reported.

Reports from Matanzas—Inspection of vessels—Summary for month of February, 1908.

Acting Assistant Surgeon Nuñez reports, March 3 and 9:

Week ended February 29. Bills of health granted to 3 vessels clearing for United States ports in good sanitary condition.

No quarantinable diseases reported during the past week within this district.

Summary.—During the month of February bills of health were granted to 25 vessels bound for the United States, carrying an aggregate number of 618 members of crews and 50 passengers, of which 44 were destined for various Cuban ports, 2 for Galveston, Tex., and 4 for Boston, Mass. One vessel, the Norwegian steamship *Britannic*, bound for Philadelphia, was fumigated February 14. This vessel arrived at Cardenas from the Island of Trinidad, British West Indies, February 7, with one case of yellow fever on board among the crew, which case died February 13 at the hospital of Cardenas, where the patient had been transferred for isolation and treatment. The case of yellow fever referred to was the only one reported within this province during the past month.

Week ended March 7. Bills of health granted to 5 vessels clearing for United States ports.

No new cases of yellow fever or other quarantinable disease were reported within this province during the week.

Reports from Santiago—Inspection of vessels—Case of yellow fever reported February 20 declared recovered—Summary, month of February, 1908.

Acting Assistant Surgeon Wilson reports, March 3 and 4:

Week ended February 29. Bills of health issued to 7 vessels bound for the United States. No vessel fumigated. No quarantinable disease reported.

The case of yellow fever reported in this city on February 20 was yesterday declared recovered.

Transactions for the month of February, 1908.

Bills of health issued	26
Outgoing vessels inspected	11
Members of crews inspected	1, 117
Passengers inspected	497
Vessels fumigated	3
Certificates issued, immune	2

ECUADOR.

Report from Guayaquil—Plague and yellow fever—Commission organized for protective measures.

Passed Assistant Surgeon Lloyd reports February 25:

To date there have been 7 deaths from plague; there are 3 cases under observation at present. Yellow fever cases have been removed to a screened ward in the general hospital and the lazaretto is being used as a hospital for plague cases pending the erection of a suitable building.

A meeting of representative citizens was called on February 21, and it was resolved to name five physicians who will constitute the technical commission, whose duty it will be to indicate the measures to be taken. This commission has been named and consists of two members of the board of health, two named by the people, and a fifth to be named by the four already appointed. This commission met and organized, elected the fifth member, and made recommendations.

The technical commission is not charged with the execution of measures; that is the work of the board of health.

President Alfaro has telegraphed to the governor suggesting that yellow fever work should go hand in hand with plague work.

GREAT BRITAIN.

Report from Glasgow—Verification of plague cases reported in October, 1907—Examination of rats for plague-infection, 1900-1907.

Consul Austin reports, February 19, on information received from the health officer of Glasgow:

During October, 1907, a boy was admitted to a hospital with clinical symptoms of plague, and the diagnosis was subsequently confirmed by bacteriological examination. Verification in this case was obtained October 23, and on the same day a bacteriological inquiry which was being conducted into the nature of some material obtained from another patient, a girl who had died in hospital on August 31, was completed and established the existence of plague in this case.

The girl, aged 17, worked in a rag store. She sickened August 17, and was admitted to the Royal Infirmary August 23. At the infirmary a provisional diagnosis of anthrax or typhus was made, and the patient was removed to Belvidere Hospital August 29. The patient died August 31, two days after admission.

September 2 sixteen persons, consisting of the inmates of the patient's household and others in close association with it, were removed to the reception house, and there kept under observation until September 21. Meanwhile the house, etc., was disinfected.

An inquiry was made as to whether any association is likely to have existed between these two cases and the cases occurring in 1901.

The inquiry which has been maintained ever since the former cases occurred has failed to discover any rats suffering from the disease since 1902, in which year no human cases occurred, until November 7, 1907. The following table shows the number examined annually, and the source:

Number of rats examined in several years.

Year.	Where caught.							
	Shipping (foreign).		Docks.		City.		Total.	
	Number examined.	Number infected.	Number examined.	Number infected.	Number examined.	Number infected.	Number examined.	Number infected.
1900 (Sept. 4 to Nov. 23)-----	12				314		326	
1901 (from Feb. 1)-----	11				1,680	122	1,641	122
1902-----	5				6,487	30	6,492	30
1903-----	335		18		2,424		2,777	
1904-----	992		360		900		2,252	
1905-----	350		29		284		663	
1906-----	490				542		1,032	
1907-----	44				96	1	140	1

The rapid decrease in the numbers obtained from city sources fully represents the difficulty in obtaining specimens, when public interest is not aroused by the occurrence of actual cases of the disease.

The body of a rat was brought to the laboratory for examination November 7, and from this animal the organism of plague was recovered.

It was then ascertained that about the middle of October offensive smells began to be perceived in the buildings of the Kinning Park police station, and that work had been begun October 29 with a view to ascertaining the cause of these smells. This had resulted in the discovery of 31 dead rats in various stages of decomposition. All save the one alluded to had been removed to the destructor of the cleansing department with the ashpit refuse.

Of the 31 dead rats found, 13 were under the floor of the magistrate's room, 3 in the court hall, 2 in the muster hall, 8 in the kitchen of the inspector's house, and 5 in the bathroom. The court hall is now only used for the meeting of a Bible class, numbering 100 attendants, on Sundays, but no case of disease occurred either among the members or among the persons who lived in or used the premises daily.

Against the gable of the muster hall are built the stables of an adjoining bakery, and in a loft over the stables it was customary to keep grain and other feed for the horses, and to renew it at fortnightly intervals. About October 21—that is, about a week before the cause of the smells in the police buildings began to be inquired into—about 20 dead rats had been found underneath the grain bags. These all had the appearance of dying about the same time, and at a date apparently more recent than those found in the police buildings. On the other hand, the smells began in the police buildings about September 19

and no sounds of living rats had been heard after October 21. This would seem to suggest that the rats of the police buildings were first attacked and those of the stables infected by them. There was a rat run, through defects in the intervening gable, between the spaces behind the plaster and beneath the floors of the police station buildings and the stable loft. The earlier development of the disease among the rats of the police buildings suggests that it was not imported to the stable in the sacks of grain from time to time stored therein. All the rats found in the bakery stables had been cremated in the boiler furnace thereof.

The situation of these buildings is fully a mile westward of the area in which the two patients resided.

The fact that one of the patients was a rag worker and that the sister of the other was employed in the same works directed attention to the rag store as a possible source of infection. Home rags only were dealt with, but it is obvious that rags may reach the merchant under this designation which in reality are foreign in their origin, in the sense that they have formed the clothing of some recently arrived immigrant or returned seaman.

The building in which the work of the rag store is carried on is of four stories. The ground floor is used almost wholly for the unpacking of bales as they come in and for the final repacking for export; the first and second floors are devoted largely to storage purposes, while on the upper floors only manufacturers' rags, which are new, are handled.

The girl who died of plague and the sister of the boy who was sick with the disease worked on the bottom floor of the building. Two tenements which had formed back lands between the houses occupied by the boy and the girl had been demolished shortly before the cases occurred, and many rats were in consequence displaced.

HAWAII.

Reports from Honolulu—Case of smallpox on steamship China from Hongkong.

Chief Quarantine Officer Cofer reports, February 29:

The steamship *China* arrived from Hongkong yesterday with a case of varioloid on board in the person of a steerage passenger bound for Honolulu. The case and 100 contacts were placed in quarantine and all the steerage and crew's quarters disinfected. The usual quarantine regulations were carried out.

Examination of rats for plague infection.

Passed Assistant Surgeon Currie reports that during the week ended February 22, 134 rats were examined bacteriologically at the plague laboratory of the Service at Honolulu. No plague infection found.

ITALY.

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

Passed Assistant Surgeon McLaughlin reports, February 24:

Vessels inspected at Naples and Palermo, week ended February 22.

NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of large baggage inspected and passed.	Pieces of baggage disinfected.
Feb. 18	Florida.....	New York.....	431	50	650
19	Slavonia.....	do.....			
20	Republic.....	do.....	307	55	480
21	Friedrich der Grosse.....	do.....	194	40	350
22	Buenos Ayres.....	do.....	115	15	180
	Total.....		1,047	160	1,660

PALERMO.

Feb. 15	Principe di Piemonte.....	New York.....	125	174	81
22	Liguria.....	New Orleans.....	207	282	100
	Total.....		332	456	181

Rejections recommended.

NAPLES.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Suspected favus.	Other causes.	Total.
Feb. 18	Florida.....	14	5	12	1	4	36
19	Slavonia.....						
20	Republic.....	9	.1	3		1	14
21	Friedrich der Grosse.....	12		8		2	22
22	Buenos Ayres.....	3	1	3			7
	Total.....	38	7	26	1	7	79

PALERMO.

Feb. 15	Principe di Piemonte.....	12		5		1	18
22	Liguria.....	13		16		5	34
	Total.....	25		21		6	52

Smallpox.—Week ended February 20. Cases: Turin 1, Comandona 3, Trino (Novara) 5, Ponzano Romano (Rome) 1, Greci (Avellino) 1, Pietragalla (Potenza) 1, Caronia (Messina) 24, Monte San Giuliano (Trapani) 1.

Reports from Kobe—Inspection of vessels—Smallpox abating at Kobe; declared epidemic at Osaka—Plague at Kobe and Osaka—Beriberi on steamship Shawmut.

Acting Assistant Surgeon Ransom reports, February 12 and 17:

During the week ended February 8 supplemental bills of health were granted to 3 steamships with an aggregate personnel of 319.

Three vessels, 291 members of crews, 9 cabin and 19 steerage passengers were inspected, and 2 steerage passengers were bathed and their baggage was disinfected by steam. Manifests were signed for 5,790 pieces of freight, and vaccination certificates were issued to 2 steerage passengers.

There were two cases of beriberi found among the crew of the steamship *Shawmut* bound to Manila.

The official report of communicable diseases in Kobe for the week shows 385 cases of smallpox with 199 deaths. There has been a steady decline in the number of new cases of smallpox reported during the week.

During the week ended February 15 supplemental bills of health were granted to 6 steamships with an aggregate personnel of 1,362.

Six vessels, 780 members of crews, 40 cabin and 422 steerage passengers were inspected, and 73 members of crews and 260 steerage passengers were bathed and their effects disinfected. The baggage disinfected by steam numbered 978 pieces. Three hundred and ninety-five vaccination certificates were issued. Manifests were viséed for 64,994 pieces of freight.

Emigrants were examined as follows: Steamship *Siberia* for Honolulu, passed, 114, recommended for rejection, 138; steamship *Malte* for Honolulu, passed 22, recommended for rejection, 27; steamship *Asia* for Manila, passed, none, recommended for rejection, 6; steamship *Kumano-Maru* for Manila, passed, 14, recommended for rejection, 8; and steamship *Shinano-Maru* for Seattle, passed, 70, recommended for rejection, 41.

The official report of communicable diseases in Kobe for the week shows 262 cases of smallpox, with 168 deaths. One case of bubonic plague was reported in Kobe February 11. The smallpox situation in Kobe continues to improve.

Reports from Osaka, just received, show that since the commencement of the outbreak of smallpox in that city, up to and including February 8, 379 cases had been reported, with 113 deaths. During the week ended February 8 there were reported 126 cases of smallpox with 37 deaths. As this disease is rapidly increasing, the acting American consul in charge at Kobe was notified that it should be considered epidemic in Osaka, and that the special restrictions provided for in the quarantine laws and regulations would be applied.

These restrictions have, in fact, been enforced by this office for some time past.

Plague in Osaka for the week ended February 8, as officially reported, shows 2 cases and 2 deaths.

Report from Nagasaki—Emigrants recommended for rejection.

Sanitary Inspector Bowie reports:

February 13. Number of emigrants per steamship *China* recommended for rejection, 9.

MADAGASCAR.

Report from Tamatave—Plague at Majunga declared extinct.

Consul Carter reports, January 6:

Bubonic plague at Majunga, on the west coast of Madagascar, which was reported by this consulate August 2, 1907, has been officially declared exterminated.

See Public Health Reports, September 6, page 1256, September 20, page 1335, and October 18, 1907, page 1490.)

MEXICO.

Report from Salina Cruz—Inspection of vessel—Health conditions.

Acting Assistant Surgeon Thompson reports, March 2:

During the period February 16 to 29, inclusive, one steamship cleared from this port for the United States, the steamship *Columbian*, which left San Diego, Cal., February 18, after being fumigated throughout while in the roadstead outside the harbor.

Health conditions in Salina Cruz and district continue very satisfactory, there being no cases of epidemic disease present.

PERU.

Report from Callao—Inspection and fumigation of vessels—Smallpox at Lima and house disinfection—Plague-prevention work at Callao resumed—Status of plague in Peru—Plague at Antofagasta, Chile.

Assistant Surgeon Wightman reports, February 16:

Week ended February 15.—Two vessels were dispatched with an aggregate personnel of 164 members of crews, 43 cabin and 49 steerage passengers. Both vessels were fumigated.

At the close of last month there were 8 cases of smallpox in the hospital at Lima. During the month of January 8 houses were fumigated in Lima for smallpox and 13 for plague or the finding of dead rodents.

The work against plague in Callao has been resumed. The city has been divided into quadrants, in each of which a squad of men is at work, superintended by a physician and a foreman, extending plague-prevention work from house to house. It is intended in this way to gradually work over the whole city.

Plague in Peru is reported by the director de salubridad as follows:

Locality.	Cases January 30.	New.	Recovered.	Died.	Remain- ing Feb- ruary 18.
Lima.....	3	12		9	6
Callao.....	4		2		2
Chosica.....	1	1		1	
Trujillo.....	40	36	10	17	49
Paita.....	11	8	1	(?) 3	11
Piura.....	4	1	4		1
Ferrenafe.....	4				4
San Geronimo.....	4				4
Oatacaos.....	23	12	9	3	29
Eten.....	6	1			7
San Jose (Lambayeque).....	2				2
Santa Eulalia (in province of Lima).....		1			1

Recent bills of health from Chile report as follows: Seven cases of plague, with 1 death, at Antofagasta, in the two weeks ended February 5.

SIERRA LEONE.

Report from Sierra Leone—Continued presence of plague at Accra.

The American consul at Sierra Leone, Africa, in a telegram dated March 9, addressed to the Department of State, reports the continued presence of plague at Accra, Gold Coast. He also reports that quarantine is enforced at Sierra Leone against vessels arriving from Accra.

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

ARGENTINA—*Rosario de Santa Fé.*—Month of December, 1907. Estimated population, 152,717. Total number of deaths, 357, including measles 4, scarlet fever 4, enteric fever 4, whooping cough 1, smallpox 1, and 25 from tuberculosis.

CANADA—*Ontario—Hamilton.*—Month of February, 1908. Estimated population, 63,000. Total number of deaths 82, including enteric fever 1, scarlet fever 2, and 6 from tuberculosis.

CUBA.—Month of December,^a 1907. Reports from the 6 provinces, having an aggregate population of 1,572,797, show as follows: Deaths from contagious diseases: Diphtheria 2, leprosy 1, enteric fever 11, measles 2, yellow fever 8, and 144 from tuberculosis.

Matanzas.—Nineteen days ended February 29, 1908. Estimated population, 35,515. Total number of deaths, 45, including enteric fever 1, and 9 from tuberculosis.

DUTCH GUIANA—*Parimaribo.*—Month of January, 1908. Estimated population, 34,038. Total number of deaths, 83. No contagious diseases reported.

FRANCE—*Nice.*—Month of January, 1908. Estimated population, 150,881. Total number of deaths, 284, including diphtheria 3, enteric fever 2, and 38 from tuberculosis.

GIBRALTAR.—Two weeks ended March 1, 1908. Estimated population, 27,385. Total number of deaths, 10, including 1 from enteric fever.

GREAT BRITAIN—*England and Wales.*—The deaths registered in 76 great towns in England and Wales during the week ended February 22, 1908, correspond to an annual rate of 18.4 per 1,000 population, which is estimated at 16,234,952.

London.—One thousand six hundred and ninety-eight deaths were registered during the week, including measles 22, scarlet fever 11, diphtheria 10, enteric fever 1, whooping cough 27, tuberculosis 211, and 9 from diarrhea. The deaths from all causes correspond to an

^a Received out of regular order.

annual rate of 18.5 per 1,000. In Greater London 2,429 deaths were registered. In the "outer ring" the deaths included 3 from measles, 6 from scarlet fever, 3 from diphtheria, and 5 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended February 22, 1908, in the 21 principal town districts of Ireland was 26.0 per 1,000 of the population, which is estimated at 1,131,959. The lowest rate was recorded in Drogheda, viz, 8.2, and the highest in Newtownards, viz, 45.8 per 1,000.

Scotland.—The deaths registered in 8 principal towns during the week ended February 22, 1908, correspond to an annual rate of 21.8 per 1,000 of the population, which is estimated at 1,839,038. The highest rate of mortality was recorded in Perth, viz, 44.4, and the lowest in Greenock, viz, 16.0 per 1,000. The aggregate number of deaths registered from all causes was 767, including diphtheria 7, enteric fever 2, measles 35, scarlet fever 4, and 28 from whooping cough.

HAWAII.—Year ended June 30, 1907. Estimated population, 154,001. Total number of deaths, 3,022, including diphtheria 20, enteric fever 102, measles 40, plague 32, whooping cough 12, leprosy 56, and 352 from tuberculosis.

MALTA.—Three weeks ended February 15, 1908. Estimated population, 206,690. Total number of deaths, 312, including enteric fever 1, smallpox 4, measles 10, and 14 from tuberculosis.

MEXICO—Tampico.—Two weeks ended February 29, 1908. Estimated population, 20,000. Total number of deaths, 54, including 4 from tuberculosis.

OCEANIA—Society Islands—Tahiti.—Five weeks ended February 15, 1908. Estimated population, 4,000. Total number of deaths, 13, including 1 from enteric fever.

RUSSIA—Riga.—Month of December, 1907. Estimated population, 350,000. Total number of deaths, 640, including diphtheria 14, enteric fever 10, smallpox 7, measles 2, scarlet fever 35, whooping cough 4, and 75 from tuberculosis.

SPAIN—Almeria.—Month of January, 1908. Estimated population, 46,806. Total number of deaths, 126, including smallpox 20, and 6 from tuberculosis.

Barcelona.—Ten days ended February 20, 1908. Estimated population, 600,000. Total number of deaths, 409, including diphtheria 1, enteric fever 10, smallpox 2, measles 5, whooping cough 2, and 37 from tuberculosis.

Malaga.—Month of December, 1907. Estimated population, 135,000. Total number of deaths, 282, including diphtheria 6, smallpox 5, and 30 from tuberculosis.

WEST INDIES—Turks Island.—Three weeks ended February 29, 1908. Estimated population, 1,700. Total number of deaths, 8.

Cholera, yellow fever, plague, and smallpox reported from December 28, 1907, to March 20, 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. 18-Feb. 8	6,349	5,666	
Abou Ali	Dec. 31-Jan. 9	65	45	
Abou-Saad (Djeddah).....	Dec. 21-29	128	53	
Djeddah	Dec. 10-Jan. 9	28	27	26 cases and 19 deaths from ss. Nivernais from Dec. 27-Jan. 5. 8 cases to Nov. 23.
Kamaraan	Dec. 2-7	3	2	
Medina	Dec. 18-Jan. 7	284	219	
Mekka	Dec. 21-Jan. 9	1,473	1,160	
Tor	Jan. 24-30	3		From ss. Assuan.
Yembo	Dec. 20-Jan. 27	281	185	
Ceylon:				
Colombo	Nov. 24-30		1	
China:				
Hongkong	Oct. 27-Nov. 2	3	7	Imported from Singapore.
India:				
Bombay	Dec. 4-Feb. 11		9	
Calcutta	Nov. 17-Jan. 18		654	
Cochin	Oct. 26-Jan. 10		96	
Madras	Dec. 1-Feb. 7		55	
Negapatam	Nov. 16-Dec. 27		8	
Bangoon	Nov. 11-Feb. 18		95	
Tuticorin	Nov. 30-Jan. 10		365	
Japan:				
De Vries (Oshima) Island ..	Dec. 3	9		
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-Jan. 19	3	1	Report received out of date gives to Nov. 30, 248 cases and 148 deaths additional.
Osaka	Dec. 8-21	7	6	
Shinagara	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-Feb. 1	237	190	Second quarter, calendar year 1907, no cases and no deaths; third quarter, 80 cases, 71 deaths.
Mariquina	Jan. 4-18	48	45	
Provinces:				
Bulacan	Dec. 7-Jan. 18			Second quarter, calendar year 1907, no cases, no deaths. Present.
Leyte				
Carigara	July 1-Sept. 30	86	77	Dec. 7, again present.
Burgoa	July 1-Sept. 30	10	10	
Masbate				
Mandaon	July 1-Sept. 30	53	42	
Pampanga	Dec. 7-Jan. 18			Present.
Zambales	Jan. 28-Feb. 1	158	108	
Russia, general:				
Akmolinsk	Nov. 7-Jan. 7	732	416	
Baku	Nov. 7-12	19	24	
Ekaterinslaw	Nov. 7-12	18	12	
Kief	Nov. 19-Dec. 25	32	15	Including city of Rostow.
Kuban	Nov. 19-Dec. 25	100	18	
Kursk, Govt. dist	Jan. 7	1		
Minsk	Nov. 7-12	32	12	Including Woronesch.
Moscow	Nov. 7-12	2	1	
Moscow, Govt. dist	Nov. 7-12	7	8	In industrial district.
Samara, Govt. dist	Nov. 7-Jan. 7	42	25	
Tobolsk	Nov. 7-12	112	79	
Tomsk, Govt. dist	Nov. 7-Jan. 14	71	26	
Tschernigov and Poltawa ..	Nov. 7-12	25	14	
Volga, middle dist	Nov. 7-12	47	22	

Report received out of date.

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

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Straits Settlements:				
Perlis	Oct. 19.....			Present.
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.

Brazil:				
Manaos.....	Nov. 24-Feb. 15....		36	Report for Jan. 18 not yet received.
Para.....	Dec. 1-Feb. 22....	199	124	
Rio de Janeiro.....	Nov. 18-24.....	2	1	
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....	7	1	
Santiago Province—				
Santiago.....	Jan. 15-Feb. 20....	2	1	
Ecuador:				
Guayaquil.....	Dec. 1-Feb. 15....		31	
Huigra.....	Feb. 5-11.....		4	
Guatemala:				
Chiquimula.....	Jan. 27.....			Present on R. R. from Puerto Barrios to Guatemala City.
Zacapa.....	Jan. 27.....			Present. Also present in Nov. and Dec.
Venezuela:				
Ciudad Bolivar.....	Feb. 26.....		1	Present in January.
La Guaira.....	Nov. 17-Feb. 29....			Present.
West Indies:				
Barbados—				
Bridgetown.....	Dec. 4-Mar. 1.....	7	5	And vicinity.
Trinidad	Jan. 5-Mar. 1.....	7	7	

PLAGUE.

Africa:				
Algeria—				
Bone.....	Nov. 15.....	1		
Philippeville.....	Oct. 19-Nov. 2....	7		
British Gold Coast—				
Accra.....	Jan. 1-Mar. 8.....			And vicinity, present.
Egypt:				
Alexandria.....	Nov. 28-Feb. 6....	12	8	
Damietta.....	Dec. 22-28.....	1		
Port Said.....	Dec. 8-14.....	1		
Provinces—				
Assiout.....	Dec. 12-Feb. 6....	77	50	
Dakahlieh.....	Dec. 4-17.....	3	2	
Fayoum.....	Jan. 24-Feb. 1....	2	1	
Garbieh.....	Dec. 4-Feb. 2....	6	4	
Girgueh.....	Feb. 4-6.....	23	18	
Minieh.....	Dec. 17-Feb. 2....	21	9	
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		

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

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Australia:				
Brisbane	Jan. 3.....	1	1	
Cairns	Nov. 23-30	1	1	
Sydney	Dec. 29-Jan. 4	2		
Brazil:				
Bahia	Nov. 2-Feb. 1	33	30	
Pernambuco	Dec. 1-15		2	
Rio de Janeiro	Nov. 18-Feb. 15	63	14	
Santos	Dec. 9-15		1	
Chile:				
Antofagasta	Jan. 12-Feb. 5	15	4	
Arica	Dec. 14-Jan. 31			Present in vicinity.
Valparaiso	Dec. 8-14	1	1	
China:				
Amoy (Kulangsu)	Nov. 10-23			Present.
Hongkong	Oct. 27-Feb. 1	14	14	
Hwang-Hien	Jan. 16	4		
Tengchow	Jan. 16	1		
Ecuador:				
Guayaquil	Feb. 13-25	10	7	
Great Britain:				
Glasgow	Aug. 17-31	1	1	Received out of date
Hawaii:				
Hilo	Feb. 22	1	1	
India:				
Bombay Presidency and Sind	Nov. 10-Jan. 4	20,645	15,363	
Madras Presidency	Nov. 10-Jan. 4	1,048	842	
Bengal	Nov. 10-Jan. 4	1,817	1,386	
United provinces	Nov. 10-Jan. 4	2,668	2,317	
Punjab	Nov. 10-Jan. 4	2,799	2,419	
Burma	Nov. 10-Jan. 4	689	636	
Central provinces, including Berar	Nov. 10-Jan. 4	1,616	1,155	
Coorg	Dec. 29-Jan. 4	1		
Mysore State	Nov. 10-Jan. 4	3,674	2,837	
Hyderabad State	Nov. 10-Jan. 4	1,377	914	
Central India	Nov. 10-Jan. 4	973	558	
Rajputana	Nov. 10-Jan. 4	1,377	812	
Kashmir	Nov. 10-Jan. 4	12	7	
Northwest frontier province	Nov. 10-Jan. 4	88	62	
Total for India		33,784	29,308	
Japan:				
Formosa	Jan. 5-Feb. 18	16	15	
Kobe	Feb. 11	1		
Nagasaki	To Nov. 30	36	23	
Nushima Island	Jan. 4			Present.
Osaka	Nov. 17-Feb. 8	268	254	
Peru:				
Callao	Dec. 5-Feb. 13	7	3	
Catacaos	Dec. 12-Feb. 13	25	20	
Chepen	Jan. 24-30	2	1	
Chosica	Nov. 21-Feb. 13	5	2	
Eten	Jan. 16-22	9	3	
Ferrenafe	Jan. 16-22	1		
Jequetepeque	Dec. 12-31	2	1	
Lambayeque	Jan. 24-30	2		
Lima	Nov. 21-Feb. 13	51	33	
Matucana	Nov. 28-Dec. 4	2		
Paita	Nov. 21-Feb. 13	74	58	
Piura	Nov. 21-Feb. 13	23	16	
San Geronimo	Dec. 19-25	11		
San Pedro	Jan. 24-30	1	1	
Santa Eulalia	Jan. 30-Feb. 13	1		
Trujillo	Nov. 21-Feb. 13	134	65	
Straits Settlements:				
Singapore	Nov. 10-Jan. 25		3	

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

SMALLPOX.

Place.	Date.	Cases.	Deaths.	Remarks.
Africa:				
Algeria—				
Algiers	Nov. 1-30	2		
British South Africa—				
Bloemfontein	Oct. 1-31	1		
Cape Town	Nov. 17-Dec. 7	3		
East London	Jan. 5-18	3	1	
Egypt, general	Nov. 4-Jan. 21	179	50	Report from Oct. 22 to Nov. 4, and from Nov. 12 to Dec. 24 not yet received.
Cairo	Dec. 15-Feb. 18	10	7	
Suez	Jan. 1-14	3		
Arabia:				
Aden	Feb. 11		23	From pilgrim ships.
Argentina:				
Rosario	Sept. 1-Dec. 31		5	
Austria:				
Bohemia	Jan. 19-25	3		
Galicja	Dec. 8-Feb. 8	25		
Küstenland	Dec. 8-15	1		Imported.
Silesia	Jan. 27-Feb. 1	2		
Australia:				
New South Wales—				
Newcastle	Dec. 1-31	1		
Belgium:				
Ghent	Dec. 8-14		1	
Brazil:				
Bahia	Nov. 2-Feb. 1	373	4	
Para	Dec. 1-Feb. 15	64	32	
Pernambuco	Oct. 16-Dec. 31		372	Report from Oct. 1-15 not yet received.
Rio de Janeiro	Nov. 18-Feb. 15	351	150	
Santos	Dec. 2-8		1	
Canada:				
British Columbia—				
Vancouver	July 1-Dec. 31	5		
Manitoba—				
Winnipeg	Dec. 22-Feb. 22	38		
New Brunswick—				
Alma	Jan. 23			Present.
Fox Creek	Mar. 2	10		Do.
Moncton	Feb. 1-23			
Nova Scotia—				
Halifax	Dec. 15-Mar. 7	6		
Ontario Province—				
Belleville	Dec. 17-23	4		Outbreak reported in several places.
Hamilton	Jan. 1-Feb. 29	18		
Toronto	Jan. 5-Feb. 28	21		
China:				
Amoy (Kulangsu)	Nov. 10-Jan. 25			Present.
Foochow	Jan. 12-18			Do.
Hankow	Dec. 15-Jan. 25	2		Imported.
Hongkong	Nov. 10-Feb. 1	82	67	
Shanghai	Nov. 18-Feb. 9	339	145	
Ecuador:				
Guayaquil	Dec. 1-Feb. 8		30	
France:				
Brest	Dec. 30-Feb. 22	12	3	
Marseille	Dec. 1-Jan. 31		17	
Paris	Dec. 1-Feb. 23	113	3	
Germany:				
General	Nov. 17-Feb. 8	11		
Gibraltar	Jan. 17-23	1		
Great Britain:				
Edinburgh	Jan. 12-Feb. 22	12	1	
Leith	Dec. 23-Feb. 22	27	5	
Hawaii:				
Honolulu	Jan. 18-Feb. 28	2		Case Jan. 18 from ss. Hongkong Maru; case Feb. 28 from ss. China.
India:				
Bombay	Dec. 4-Feb. 11		86	
Calcutta	Nov. 17-Jan. 18		29	
Madras	Dec. 14-Feb. 7		13	
Italy:				
General	Dec. 6-Feb. 20	960		
Catania	Dec. 27-Jan. 2		1	
Genoa	Dec. 1-Jan. 31	5		
Messina	Dec. 22-28			Present.
Naples	Feb. 2-22	12		

^aCases among foreigners; deaths among natives.

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

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Japan.....				Present in Hyogo, Kanagawa, Kagawa, and Ibaraki Kens.
Formosa.....	Feb. 11-18.....	4	4	
Kobe.....	Nov. 17-Feb. 15.....	4,671	1,882	Case Dec. 7 on W. H. Talbot, sailing vessel.
Nagasaki.....	Nov. 30-Feb. 16.....	14	6	
Osaka.....	Jan. 5-Feb. 8.....	382	113	13 cases, 4 deaths daily, estimated, from Jan. 14-18.
Tokyo.....	Feb. 1-8.....	300		
Yokohama.....	Nov. 28-Feb. 17.....	259	75	
Java:				
Batavia.....	Nov. 10-Jan. 25.....	22	1	
Korea:				
Seoul.....	Jan. 1-Mar. 1.....	21		In Japanese colony.
Malta.....	Dec. 1-Feb. 15.....	41	4	
Manchuria:				
Dalny.....	Jan. 5-Feb. 8.....	13	1	
Mexico:				
Aguascalientes.....	Dec. 9-Mar. 1.....		34	
Manzanillo.....	Dec. 1-31.....	2		
Mexico City.....	Nov. 17-Feb. 8.....		9	
Monterey.....	Dec. 23-Feb. 23.....		6	
Nuevo Laredo.....	Jan. 28-Feb. 4.....	2		
Netherlands, The:				
Rotterdam.....	Jan. 5-25.....	3		
Panama:				
Colon.....	Dec. 8.....	1		From ss. Atrato.
Persia:				
Hamadan.....	Oct. 7-Nov. 1.....			Present.
Ooroomeyah.....	Nov. 4.....			Do.
Seistan.....	Oct. 7.....			Do.
Shiraz.....	Oct. 7-Nov. 4.....			Do.
Teheran.....	Nov. 4.....			Do.
Tourbet-I-Hidari.....	Oct. 7-Nov. 1.....			Do.
Peru:				
Callao.....	Nov. 20-Feb. 2.....	3	2	
Lima.....	Dec. 2-Feb. 2.....			Present. Jan. 31, 8 cases in hospital.
Philippine Islands:				
Manila.....	Sept. 22-Jan. 30.....	13	1	Jan. 23-30, 1 case and 1 death from ss. Benvorlich; Jan. 26, 3 cases from ss. Nikku Maru, in Marivales quarantine station.
Portugal:				
Lisbon.....	Dec. 8-Feb. 22.....	15		
Russia:				
Batoum.....	Nov. 14-Jan. 13.....	38		
Libau.....	Jan. 19-Feb. 15.....	8		
Moscow.....	Nov. 24-Feb. 15.....	297	190	
Odessa.....	Nov. 24-Feb. 15.....	38	12	
Riga.....	Dec. 1-Feb. 22.....	43	15	8 deaths in October received out of date.
St. Petersburg.....	Dec. 1-Feb. 15.....	128	28	
Warsaw.....	Oct. 13-Dec. 14.....		162	
Siberia:				
Vladivostok.....	Nov. 22-28.....	4		
Spain:				
Almeria.....	Jan. 1-31.....		20	
Barcelona.....	Jan. 10-Feb. 30.....		6	
Cadiz.....	Nov. 1-Jan. 31.....		16	
Denia.....	Dec. 22-Feb. 15.....	39	3	
Madrid.....	Nov. 1-30.....		1	
Malaga.....	Nov. 1-Dec. 31.....		20	Report for October not yet received.
Seville.....	Nov. 1-30.....		1	
Valencia.....	Dec. 2-Feb. 23.....	300	42	
Vigo.....	Dec. 30-Jan. 18.....		5	
Straits Settlements:				
Singapore.....	Dec. 30-Jan. 4.....		1	
Turkey in Asia:				
Bagdad.....	Nov. 3-Jan. 25.....	395	85	
Turkey in Europe:				
Constantinople.....	Dec. 2-Feb. 23.....		38	
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.

Weekly mortality table, foreign and insular cities.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Aberdeen	Feb. 22	174,579	82									1		
Aden	Feb. 4	43,974	26	4				9						
Do	Feb. 11	43,974	45	4				14						
Aguascalientes	Feb. 23	40,000	63	1				4			3	3		
Do	Mar. 1	40,000	70	4				2			2			1
Aix-la-Chapelle	Feb. 15	157,438	71	6								4		
Alexandretta	do	15,000	7											
Amsterdam	Feb. 22	566,029	147	21										2
Do	Feb. 29	566,029	146	21									1	4
Antwerp	Feb. 15	312,571	101	10						2				
Asuncion	Jan. 25	75,000	23	1							1	1		
Athens	Feb. 22	167,479	15	15					1				1	1
Barmen	do	160,500	42	3							3			
Barranquilla	do	40,000	11	3						2				
Basel	Feb. 15	130,000	36	5										1
Belfast	Feb. 22	330,344	224	35					1	2		1	11	10
Belize	Mar. 5	9,113	8											
Belleville, Ont.	Feb. 24	9,515	5											
Do	Mar. 2	9,515	8											
Berlin	Feb. 15	2,114,413	713	102						2	2	13	15	8
Birmingham	Feb. 22	558,336	253							1	1	2	1	13
Bluefields	do	2,500	1											
Do	Feb. 29	2,500	2											
Bombay	Feb. 11	977,822	806	54	45	1		25		1			14	
Bordeaux	Feb. 22	253,000	119	15							1	1	1	
Bradford	Feb. 16	292,136	95	9							1	1	1	1
Do	Feb. 22	292,136	87	5						1		2		1
Breslau	Feb. 8	335,186	286	52								4	1	
Brest	Feb. 15	85,300	47	14								1	2	
Do	Feb. 22	85,300	31	12				1		1		1	1	
Bristol	do	372,785	165								1	2	1	8
Brussels	Feb. 15	623,202	237	23						1		1	1	6
Do	Feb. 22	623,202	232	30						2	1	2	5	
Cairo	Feb. 4	684,188	357	38				2	5	2		5	1	
Do	Feb. 11	684,188	312	21				2	2			1		
Cardiff	Feb. 22	191,446	45	2						1				1
Cartagena, Colombia	Feb. 16	30,000	7											
Do	Feb. 23	30,000	8	1										
Catania	Feb. 13	160,000	80	6						1				
Ceiba	Feb. 29	6,500	2											
Chemnitz	Feb. 15	268,568	116	13								1		1
Do	Feb. 22	268,568	112	11								1		
Christiania	Feb. 15	233,000	68									1		
Do	Feb. 22	233,000	58									2	1	
Cienfuegos	Feb. 29	37,000	19											
Coburg	Feb. 22	23,247	8									2		
Cognac	do	19,483	6											
Cologne	do	458,037	191	24							5	3	8	5
Copenhagen	Feb. 8	440,000	209	17							2	1	3	1
Do	Feb. 15	440,000	169	13								1	1	2
Dalny	Feb. 1	31,209	13					1						
Do	Feb. 8	31,209	11											
Denia	Feb. 15	12,421	3											
Dresden	do	538,000	185	22								3	1	1
Do	Feb. 22	538,000	186	26								5	1	1
Dublin	Feb. 15	394,525	194	44								1	1	3
Do	Feb. 22	394,525	202	41						1				3
Dundee	do	168,616	81									1		5
Durban	Feb. 1	60,972	14	3										
Edinburgh	Feb. 15	350,524	140								1	1	3	2
Do	Feb. 22	350,524	120								1	2		2
Fiume	Feb. 14	49,000	27	9									1	
Do	Feb. 21	49,000	31	15									2	
Flushing	Feb. 29	20,257	3											
Frankfort-on-the-Main	Feb. 15	354,000	113	8						1		1	1	1
Do	Feb. 22	354,000	115									1		2
Frontera	do	9,000	1											
Funchal	Feb. 23	44,049	22	3										
Geneva	Feb. 8	118,500	49											
Do	Feb. 15	118,500	40											
Ghent	do	165,033	79	1						2			1	
Do	Feb. 22	165,033	91	5									1	1
Glasgow	Feb. 28	859,715	354							1	3	1	34	18

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.			
Progreso	Feb. 15	8,000	5														
Do	Feb. 22	8,000	8														
Rangoon	Feb. 1	252,155	204	5	16	2										1	
Rio de Janeiro	Feb. 2	628,675	257	40				13		1			1	1			
Rotterdam	Feb. 29	404,305	124									6	1				
St. John, N. B.	Mar. 7	40,789	11	1													
St. Petersburg	Jan. 18	1,678,000	1,023	147				5		32	19	24	31		17		
Do	Jan. 25	1,678,000	992	154				2		44	17	22	24		8		
Do	Feb. 1	1,678,000	996	149				2	1	31	16	28	27		10		
Do	Feb. 8	1,678,000	952	163				4		38	18	18	25		9		
Do	Feb. 15	1,678,000	941	158				5		47	7	23	40		13		
St. Stephen, N. B.	Mar. 7	2,840	1														
San Felu de Guixols	Feb. 22	11,094	4														
San Pedro	Feb. 15	7,400	4														1
Do	Feb. 22	7,400	2														
Do	Feb. 29	7,400	3	3													
Santa Cruz de Tenerife	Feb. 15	41,200	19	3													
Santander	Feb. 16	53,574	40														
Do	Feb. 23	53,574	38														
Shanghai	Jan. 26	544,500	151	8				8				1					
Do	Feb. 2	544,500	132	6				9				1					
Do	Feb. 9	544,500	167	6				8									
Singapore	Jan. 25	258,324	180	24	1												
Southampton	Feb. 22	122,196	51	5									1		1		
South Shields	do	272,969	40	3									1				
Stettin	do	255,000	91	9								3					
Stockholm	Feb. 1	332,738	144	24							1	1	1		4		
Tamatave	Jan. 4	7,073	1														
Do	Jan. 11	7,073	5														
Do	Jan. 18	7,073	3														
Do	Jan. 25	7,073	3	1											1		
Tegucigalpa	Feb. 18	24,000	8														
Do	Feb. 25	24,000	13	1													
Toronto	Jan. 4	272,600	51							1		4					
Do	Jan. 11	272,600	104							2	3	3					
Do	Jan. 18	272,600	101							1	3	4					
Do	Feb. 1	272,600	98							2	2	3					
Do	Feb. 29	272,600	86							1	2	2					
Trieste	Feb. 15	203,004	139							1	1	1	1				
Do	Feb. 22	203,004	121							1							
Turin	Feb. 16	373,701	150	18						1	1	2	2				
Tuxpam	Feb. 25	13,000	6														
Valencia	Feb. 16	250,000	148	8				4			1	1					
Do	Feb. 23	250,000	139	8				1		1					5		
Veracruz	Feb. 22	32,000	41	11											1		
Vevey	Feb. 8	14,000	4														
Do	Feb. 15	14,000	8														
Victoria	Feb. 29	25,000	2	1													
West Hartlepool	Feb. 22	66,750	25							1							
Winnipeg	do	111,000	14														
Do	Feb. 29	111,000	15							1							
Zurich	Feb. 15	177,437	54	9											1		
Do	Feb. 22	177,437	60	15						1							

^aIntervening weeks previously reported.

By authority of the Secretary of the Treasury:

WALTER WYMAN,

Surgeon-General,

United States Public Health and Marine-Hospital Service.