

PUBLIC HEALTH REPORTS.

Amendment to quarantine regulations.

CIRCULAR.

[Department Circular No. 14, 1908. Bureau of Public Health and Marine-Hospital Service.]

TREASURY DEPARTMENT,

OFFICE OF THE SECRETARY,

Washington, March 4, 1908.

To National, State, and local quarantine officers, collectors of customs, shipowners and agents, and others concerned:

Paragraph 68 (c), quarantine regulations of 1903, as previously amended, is hereby changed to read as follows:

Paragraph 68 (c): If arriving at a port south of the southern boundary of Maryland in the season of close quarantine, April 1 to November 1, directly or via a northern port, from a tropical American port, unless said port is known to be free from yellow fever.

The effect of this amendment is to cause the close quarantine season to begin April 1 instead of March 15, with regard to vessels from ports known or suspected of being infected with yellow fever, and arriving at southern ports, either direct or via northern ports.

GEO. B. CORTELYOU,

Secretary.

REQUEST FOR FLEAS FOR IDENTIFICATION, AND FOR INFORMATION RELATIVE TO LOCAL SPECIES OF FLEAS, RATS, AND MICE.

To officers of the Public Health and Marine-Hospital Service, health officers, and physicians:

Reference has previously been made in the Public Health Reports (December 13, 1907, p. 1799) to the investigations of the British Plague Commission in India. These investigations have established the fact that plague may be transmitted from one animal to another by means of the flea; and it appears that this is the common method of transmission of plague among animals, and from them to man. The species most used in the experiments of the commission is the common Indian rat flea, known as *Pulex cheopis*. This flea appears to be identical with the common rat fleas found in Australia and the Philippine Islands, known in the former country as *Pulex palidus*, in the latter as *Pulex philippinensis*.

The transmission of plague is a subject of much importance at the present time, and knowledge of the species of rats and fleas in the

ports of the United States should be extended. In view of these facts a letter was, on February 15, 1907, addressed to the medical officers of the Service on duty at the Pacific ports, instructing them to make investigations for the purpose of determining the different species of rats and fleas to be found in those ports. Many specimens of fleas have been forwarded to the Bureau for identification, some of which were found to be *Pulex pallidus*.

It is now desired to extend the investigations to other places in the United States, and you are invited to cooperate with the Bureau by furnishing such information as you may have or may be able to obtain respecting the species of fleas, rats, and mice found in your respective localities, and especially to secure and forward to the hygienic laboratory of the Service specimens of fleas for identification. Reports of these examinations will be made to the persons forwarding the specimens.

Directions for collecting and forwarding fleas.

1. Collect all specimens in small vials of alcohol, using no cotton within the vial. Take especial care that each vial represents but a single host species, and is accompanied by full data—host, locality, and collector. Fleas should be collected immediately after the death of the host. Sometimes, if the host animal be small, much time may be saved by immersing it slowly in water, driving the fleas to one extremity, a last sudden dip throwing them off upon the surface of the water, from which they may be easily gathered.

2. Exact determinations should each time be made of the host. If anyone engaged in these investigations is not familiar with the species and varieties of the common rats and mice, he should first of all collect two specimens in alcohol of each form of rats and mice, number each lot, and send one series to the Director, Hygienic Laboratory, Washington, D. C., for determinations, retaining the duplicate specimens for comparison. By this simple procedure all hosts may be definitely and accurately cited. It is not sufficient to record the hosts simply as "rats" and "mice." Packages sent by mail should be packed to comply with the postal regulations.

3. Probably the most important collections of fleas that can now be made are of those species actually found upon plague or leprosy patients, or upon lower classes of human beings in the more sordid surroundings, especially near wharves and docks.

UNITED STATES.

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

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

Passed Assistant Surgeon Blue reports, February 27:

A telegram, as follows, was sent by me to the Bureau February 26, 1908:

The funds raised by citizens' health committee to carry on sanitary campaign are now available. Two hundred more men have been employed to

supplement our present work payable from that fund. An educational campaign is being actively pushed. The general public is cooperating well. The city is rapidly becoming cleaner. The garbage collection and destruction service is being reorganized. The sewers are to be repaired and screened. Infection in rats is on the decrease. The rat catch was over ten thousand last week. Laboratory facilities for examining rats have been increased to 1,000 per day.

The following is a more detailed report:

The educational campaign, which has been actively pushed by the citizens' health committee, has thoroughly awakened the general public of San Francisco to the danger of a recrudescence of plague. Meetings of every line of business and trade have been held, the aid of the church federation invoked, the school teachers and their pupils interested, and the entire public taught the danger of plague and the means of avoiding it and rendering the city permanently plague-proof. The women's clubs have also taken the matter up and have placed volunteer inspectors in the field. The Service officers have been detailed to attend these meetings, to lecture on the technical side of plague, and many of the most prominent business men have practically forsaken their work to assist in the crusade. Garbage cans and rat-traps can not be procured fast enough to meet the demand for them, and the drug stores have been distributing rat poison free.

The citizens' health committee has begun to raise \$500,000 to be used in the campaign. A portion of that fund is now available, and two hundred men have been employed to be paid therefrom. An increase in this force at an early date is contemplated. These men are under Service officers, and do the same work as the Federal employees and are subjected to the same discipline. As fast as these men can be trained and traps and other supplies procured, the Seventh or Richmond district, the Eighth or Sunset district, and the Tenth or Butchertown district will be opened and a force placed therein. Headquarters have been secured in the Seventh or Richmond district and Acting Assistant Surgeon Weyer detached from the Eleventh district and placed in charge of the Seventh district. He has a gang of men at work preparing the headquarters and will be given a force of men on March 2, when he will begin the active prosecution of work in that district.

The scavenger service of the city is being reorganized. One of the objects of the present sanitary crusade has been the introduction of a municipal free system of garbage collection and destruction, to be paid for by a tax levy. The board of supervisors has such an ordinance under consideration at the present time. The Service inspectors note all houses having no scavenger service and a scavenger is sent to offer his services. If it is refused, the city health officer prosecutes the offending householder. If the householder is too poor to pay for the removal of his garbage, the work is paid for by the citizens' health committee.

At my suggestion the board of supervisors has passed rigid stable and garbage-can ordinances. These are being well enforced and are improving sanitary conditions greatly. With a view to rendering the city permanently rat-proof, an ordinance covering this point has been passed.

For the purpose of carrying on the work of plague prevention the Central California Sanitary Commission has been formed. This consists of representatives from the State board of health, the boards

of supervisors, the city officers, and the county and municipal health officers from the counties of Sacramento, San Joaquin, Alameda, Contra Costa, Santa Clara, San Mateo, Marin, Sonoma, Solano, and Napa. This commission holds weekly meetings in this city and its members are calling mass meetings in their counties to educate the people and to arouse them to sanitary work to prevent the spread of plague to their territory. Service officers have been detailed to address these meetings. This has increased greatly the work of the Service officers.

Doctor Blue reports for the week ended February 15:

OAKLAND, CAL.

Sick inspected	162
Dead inspected	30
Premises inspected	644
Houses disinfected	13
Nuisances abated	56
Rats found dead	19
Rats trapped	619
Poisons placed	119, 200
Notices served	14
Rats examined bacteriologically	466
Rats infected with bacillus pestis	8
Ships inspected	27
Certificates signed	10

POINT RICHMOND, CAL.

Sick inspected	4
Dead inspected	5
Premises inspected	177
Nuisances abated	50
Rats found dead	45
Rats trapped	231
Poisons placed	4, 775

EMERYVILLE, CAL.

Sick inspected	2
Dead inspected	2
Premises inspected	51
Houses disinfected	1
Nuisances abated	10
Rats found dead	17
Rats trapped	214
Poisons placed	11, 084

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

Passed Assistant Surgeon Glover reports, February 15:

Week ended February 15.

Rats delivered and cremated	1, 007
Necropsies on rats	894
Pounds of poison placed	125
Vessels fumigated	4

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

CALIFORNIA—*Sacramento*.—Month of January, 1908. Estimated population, 50,000. Total number of deaths, 59, including diphtheria 3 and 5 from tuberculosis. Cases: Diphtheria 5, enteric fever 5, scarlet fever 4, and smallpox 2.

San Diego.—Month of January, 1908. Estimated population, 40,000. Total number of deaths, 65, including 13 from tuberculosis. Cases: Diphtheria 2, scarlet fever 1, and measles 6.

CONNECTICUT.—Month of January, 1908. Reports to the State board of health from 164 towns having an aggregate population of 1,016,936 show as follows: Total number of deaths from all causes, 1,534, including diphtheria 17, enteric fever 15, measles 3, scarlet fever 5, whooping cough 1, and 144 from phthisis pulmonalis. Cases: Diphtheria, 137 in 32 towns; enteric fever, 39 in 24 towns; measles, 276 in 39 towns; scarlet fever, 205 in 45 towns; whooping cough, 9 in 5 towns; smallpox 2 (*New Britain*); phthisis pulmonalis, 75 in 20 towns.

FLORIDA.—Reports from the State board of health for the week ended February 22, 1908, show as follows: Diphtheria—*Tampa*, 2 cases. Enteric fever—*Frost Proof*, 2 cases; *Arcadia*, *Tampa*, and *Plant City*, each 1 case. Tuberculosis—*Daytona Beach*, *Pensacola*, and *Tampa*, each 1 case.

IOWA—*Davenport*.—Two weeks ended February 15, 1908. Estimated population, 40,000. Total number of deaths not reported. Three deaths from diphtheria and 1 from tuberculosis. Cases: Diphtheria 12, enteric fever 3, measles 1, smallpox 1, whooping cough 2, and tuberculosis 4.

Keokuk.—Month of January, 1908: Estimated population, 16,000. Total number of deaths, 30. Cases: Diphtheria 1, enteric fever 3, whooping cough 5, and tuberculosis 1.

MASSACHUSETTS.—Reports from the State board of health for the month of December, 1907, show as follows: Week ended December 7, 1907. Forty-four cities and towns, having an aggregate estimated population of 2,246,612, report 724 deaths, including diphtheria 12, enteric fever 9, measles 5, and 53 from phthisis pulmonalis. Cases: Diphtheria 224, enteric fever 37, measles 163, scarlet fever 150, whooping cough 5, smallpox 1, and tuberculosis 89.

Week ended December 14, 1907. Number of localities reporting, 46. Estimated population, 2,271,133. Total number of deaths, 830; diphtheria 18, enteric fever 7, measles 6, phthisis pulmonalis 56. Cases: Diphtheria 220, enteric fever 25, measles 214, scarlet fever 159, whooping cough 14, smallpox 1, and tuberculosis 119.

Week ended December 21, 1907. Number of localities reporting, 45. Estimated population, 2,258,605. Total number of deaths, 881; diphtheria 12, enteric fever 5, measles 12, phthisis pulmonalis 51. Cases: Diphtheria 197, enteric fever 18, measles 218, scarlet fever 126, whooping cough 16, smallpox 5, and tuberculosis 102.

Week ended December 28, 1907. Number of localities reporting, 46. Estimated population, 2,271,133. Total number of deaths, 877; diphtheria 11, enteric fever 5, measles 4, phthisis pulmonalis 55. Cases: Diphtheria 198, enteric fever 20, measles 341, scarlet fever 157, smallpox 3, whooping cough 2, and tuberculosis 122.

NEW YORK—*Troy*.—Month of January, 1908. Estimated population, 76,861. Total number of deaths, 156, including diphtheria 5, measles 1, and 19 from tuberculosis. Cases: Diphtheria 17, enteric fever 8, measles 66, scarlet fever 7, whooping cough 1, and tuberculosis 30.

OHIO—*East Liverpool*.—Month of January, 1908. Estimated population, 20,000. Total number of deaths, 24, including enteric fever 1 and 2 from tuberculosis. Cases: Enteric fever 3, scarlet fever 1, diphtheria 3, and tuberculosis 2.

PENNSYLVANIA—*South Bethlehem*.—Month of January, 1908. Estimated population, 18,000. Total number of deaths, 29, including enteric fever 1 and 1 from tuberculosis. Cases: Measles 2, enteric fever 7, and scarlet fever 5.

UTAH.—Month of January, 1908. Reports to the State board of health from 27 counties, having an estimated population of 346,873, show as follows: Total number of deaths, 431, including diphtheria 26, enteric fever 4, measles 17, scarlet fever 11, smallpox 2, whooping cough 3, and 14 from tuberculosis. Cases: Diphtheria 124, enteric fever 28, measles 4,025, scarlet fever 256, smallpox 37, whooping cough 43, and tuberculosis 24 (incomplete).

Ogden.—Month of December,^a 1907. Estimated population, 25,000. Total number of deaths not reported. One death from enteric fever. Cases: Diphtheria 2, enteric fever 1, measles 4, scarlet fever 10, and smallpox 12.

WASHINGTON—*Seattle*.—Month of November, 1907. Estimated population, 240,000. Total number of deaths, 164, including diphtheria 4, enteric fever 8, scarlet fever 1, and 17 from tuberculosis. Cases: Diphtheria 87, enteric fever 7, measles 9, scarlet fever 12, smallpox 8, and tuberculosis 5.

Month of December, 1907. Total number of deaths, 159, including diphtheria 3, enteric fever 5, and 12 from tuberculosis. Cases: Diphtheria 120, enteric fever 19, measles 15, scarlet fever 12, and smallpox 9.

^a Received out of regular order.

Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, December 28, 1907, to March 6, 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.
Mobile.....	Nov. 2-Feb. 10....	39		
Total for State.....		48		Report for November received out of date. No cases in December.
Arizona:				
Benson	Jan. 26-Feb. 10...	5		
Bisbee.....	Nov. 14-Jan. 19...	18		
Total for State.....		23		
California:				
Berkeley	Dec. 15-21.....	1		Case Feb. 13 from ss. Santa Barbara.
Los Angeles.....	Dec. 15-Feb. 15....	86		
Oakland.....	Nov. 1-Jan. 31....	77		Jan. 18, 1 case in San Francisco Quarantine Station from ss. Mongolia.
Sacramento.....	Dec. 1-Jan. 31....	4		
San Diego.....	Dec. 1-31.....	1		
San Francisco.....	Dec. 15-Feb. 8....	64		
San Jose	Jan. 1-31.....	24		
Total for State.....		257		
Colorado:				
Adams County	Nov. 1-30.....	6		
Bent County	Nov. 1-30.....	4		
Boulder County.....	Nov. 1-30.....	1		
Denver County (Denver).....	Nov. 1-30.....	5		
Larimer County.....	Nov. 1-30.....	5		
Mesa County	Nov. 1-30.....	4		
Otero County.....	Nov. 1-30.....	10		
Prowers County.....	Nov. 1-30.....	48		
Pueblo County.....	Nov. 1-30.....	2		
Sedgwick County.....	Nov. 1-30.....	1		
Total for State.....		81		
Connecticut:				
New Britain.....	Dec. 1-Jan. 31....	3		
Total for State.....		3		
District of Columbia:				
Washington.....	Dec. 15-Feb. 22....	64		
Total for District.....		64		
Florida:				
Tarpon Springs.....	Dec. 15-Jan. 4....	5		
Total for State.....		5		
Georgia:				
Augusta.....	Jan. 22-28.....	1		Imported.
Total for State.....		1		
Illinois:				
Champaign County.....	Jan. 1-31.....	3		Present in December.
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		
Ford County.....	Jan. 1-31.....	30		
Franklin County.....	Jan. 1-31.....	1		
Fulton County.....	Jan. 1-31.....	7		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Illinois—Continued.				
Johnson County	Jan. 1-31	6	Present.
Lake County	Jan. 1-31	2	.....
La Salle County	Dec. 1-31 .....	.....	.....
Lawrence County	Jan. 1-31	3	Present in December.
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	.....
Menard County	Jan. 1-31	7	.....
Montgomery County	Jan. 1-31	1	Do. Present.
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	.....
Saline County	Dec. 1-31 .....	.....	.....
Sangamon County	Dec. 1-Jan. 31	53	.....
Springfield	Dec. 15-Feb. 20	102	Present in December.
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	.....
Vermillion County— Danville	Jan. 1-31	2	.....
Whiteside County	Jan. 1-23	2	.....
Winnebago County— Rockford	Jan. 1-31	1	.....
Rockford	Jan. 1-31	12	.....
Total for State	704	
Indiana:				
Allen County	Dec. 1-31	2	Received out of date.
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	.....
Davess County	Nov. 1-30	3	.....
Delaware County— Muncie	Dec. 29-Feb. 22	5	.....
Elkhart County	Dec. 1-31	38	.....
Elkhart	Dec. 22-Feb. 22	12	.....
Grant County	Dec. 1-31	10	.....
Marion	Jan. 1-31	4	.....
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	.....
Marion County	Dec. 1-31	1	.....
Indianapolis	Dec. 16-Feb. 23	16	.....
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. 8	4	.....
Sullivan County	Nov. 1-30	1	.....
Tippecanoe County— La Fayette	Dec. 17-Feb. 27	6	.....
Vigo County	Dec. 1-31	1	.....
Terre Haute	Dec. 22-Jan. 25	11	.....
Wayne County	Nov. 1-Dec. 31	14	.....
Total for State	353	
Iowa:				
Burlington	Mar. 1-Nov. 30	2	Received out of date.
Cedar Rapids	Jan. 2-Feb. 1	4	.....
Davenport	Jan. 1-Feb. 15	2	.....
Ottumwa	Jan. 26-Feb. 15	2	.....
Sioux City	Feb. 2-8	8	.....
Total for State	18	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Kansas:				
Allen County.....	Nov. 1-Dec. 31....	22	.....
Atchison County.....	Dec. 1-31.....	37	.....
Atchison.....	Nov. 1-30.....	5	.....
Barton County.....	Dec. 1-31.....	6	.....
Bourbon County.....	Dec. 1-31.....	3	.....
Brown County.....	Nov. 1-30.....	2	.....
Butler County.....	Nov. 1-Dec. 31....	4	.....
Cherokee County.....	Dec. 1-31.....	1	.....
Galena.....	Dec. 22-23.....	17	.....
Decatur County.....	Dec. 1-31.....	2	.....
Ellis County.....	Dec. 1-31.....	1	.....
Labette County.....	Dec. 1-31.....	1	.....
Parsons.....	Nov. 1-Dec. 31....	25	.....
Leavenworth County—				
Leavenworth.....	Nov. 1-30.....	3	.....
Mitchell County.....	Dec. 1-31.....	6	.....
Osage County.....	Dec. 1-31.....	2	.....
Phillips County.....	Nov. 1-30.....	2	.....
Pratt County.....	Dec. 1-31.....	11	.....
Reno County.....	Dec. 1-31.....	60	.....
Republic County.....	Dec. 1-31.....	13	.....
Saline County.....	Nov. 1-30.....	4	.....
Sedgwick County—				
Wichita.....	Dec. 15-Feb. 15....	29	.....
Shawnee County.....	Nov. 1-Dec. 31....	17	.....
Topeka.....	Dec. 29-Feb. 15....	14	.....
Sheridan County.....	Nov. 1-30.....	4	.....
Stafford County.....	Dec. 1-31.....	6	.....
Wyandotte County.....	Dec. 1-31.....	4	.....
Kansas City.....	Dec. 29-Feb. 15....	17	.....
Total for State.....		318	.....
Kentucky:				
Covington.....	Dec. 15-Feb. 15....	13	.....
Georgetown.....	Jan. 1-Feb. 21....	26	.....
Lexington.....	Dec. 22-Feb. 22....	21	.....
Total for State.....		60	.....
Louisiana:				
New Orleans.....	Dec. 22-Feb. 22....	54	.....
Total for State.....		54	.....
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....	7	5	
Melrose.....	Feb. 9-15.....	3	.....
Total for State.....		11	5	
Michigan:				
Detroit.....	Jan. 12-18.....	1	.....
Grand Rapids.....	Dec. 29-Jan. 18....	8	.....
Saginaw.....	Dec. 15-Feb. 15....	113	.....
Sault Ste. Marie.....	Nov. 30-Jan. 11....	6	.....
Total for State.....		128	.....
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	.....

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Minnesota—Continued.				
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	.....
Filmore 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	.....
Le Sueur 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	.....
Polk County.....	Nov. 27-Jan. 27.....	6	.....
Ramsey County.....	Dec. 31-Jan. 27.....	21	.....
St. Paul.....	Oct. 1-Dec. 31.....	214	1	
Red Lake County.....	Jan. 14-20.....	1	.....
Renville 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. 22.....	14	.....
Wright County.....	Dec. 1-Jan. 13.....	2	.....
Total for State.....	.....	1,762	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. 18.....	3	.....
Total for State.....	.....	34	.....
Missouri:				
Buchanan County—				
St. Joseph.....	Dec. 15-Feb. 8.....	57	.....
Cole County—				
Jefferson City.....	Jan. 1-9.....	8	.....
Jackson County—				
Kansas City.....	Dec. 29-Feb. 22.....	52	2	
Marion County—				
Hannibal.....	Feb. 4-10.....	2	.....
Putnam County.....	Jan. 1-31.....	32	.....

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Missouri—Continued.				
St. Louis City County—				
St. Louis.....	Dec. 15–Feb. 8.....	29	6	
Worth County.....	Jan. 1–31.....	6		
Total for State.....		186	2	
Montana—General				
Fergus County.....	Dec. 1–31.....	7		
Lewis and Clarke County—	Nov. 1–30.....	1		
Helena.....	Dec. 1–31.....	2		
Missoula County.....	Nov. 1–30.....	1		
Missoula.....	Dec. 1–31.....	3		
Ravalli County.....	Nov. 1–30.....	1		
Silverbow County.....	Nov. 1–30.....	1		
Butte.....	Jan. 15–Feb. 18.....	1		
Yellowstone County.....	Nov. 1–30.....	8		
Total for State.....		27		
Nebraska:				
Lincoln.....	Nov. 1–Dec. 31.....	4		
Nebraska City.....	Dec. 8–Jan. 18.....	22		
Omaha.....	Oct. 1–15.....	89		Epidemic in vicinity.
Total for State.....		115		
New Mexico:				
Albuquerque.....	To Jan. 26.....	15		
Total for State.....		15		
New York:				
Allegany County.....	Dec. 1–31.....	3		
Cayuga County.....	Nov. 8–30.....	4		
Clinton County.....	Nov. 8–30.....	1		
Erie County—				
Buffalo.....	Dec. 15–Jan. 31.....	2		
Jefferson County.....	Nov. 8–30.....	5		
Lewis County.....	Nov. 8–Dec. 31.....	31		
New York County—				
New York.....	Dec. 15–Feb. 15.....	15		
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.....		264		
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. 9–15.....	3		
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.....		76		
North Dakota:				
Wells County.....	Dec. 21–Feb. 22.....	20		
Fessenden.....	Dec. 21–Feb. 22.....	20		
Total for State.....		40		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.	
Ohio:					
Cincinnati.....	Dec. 21-Feb. 21	82	1	Imported.	
Dayton.....	Jan. 5-Feb. 15	5			
Lorain.....	Dec. 29-Jan. 4	2			
Piqua.....	May 1-Aug. 31	21			
Toledo.....	Dec. 29-Feb. 22	4			
Warren.....	Feb. 9-15	1			
Total for State.....		115	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-Feb. 22	41			
Memphis.....	Dec. 22-Feb. 8	10			
Nashville.....	Dec. 15-Feb. 22	112			
Sumner County	Nov. 29-Jan. 13.....	3			
Total for State.....		186			
Texas:					
Fort Worth.....	Dec. 1-31	45			
Galveston.....	Feb. 1-21	4			
Houston.....	Jan. 1-18	6			
Laredo.....	Jan. 9	1			
San Antonio.....	Dec. 15-Feb. 8	29	1		
Total for State.....		85	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			
Virginia:					
Carroll County.....	Jan. 1-31	1			
Floyd County.....	Jan. 1-31	1			
Giles County.....	Jan. 1-31	8			
Henrico County— Richmond.....	Jan. 5-Feb. 15	8			
King William County.....	Jan. 1-31				
Lee County.....	Jan. 1-31	6			
Norfolk County— Norfolk.....	Feb. 22	1			
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			

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Virginia—Continued.				
Warwick County—				
Newport News.....	Jan. 1-31	1	.....
Wise County	Jan. 1-31.....	4	.....
Wythe County	Jan. 1-31.....		.....	Present.
Total for State.....		85	.....
Washington:				
Seattle.....	Nov. 1-Jan. 31....	35	.....
Spokane.....	Dec. 15-Feb. 15, ..	81	2	
Tacoma	Dec. 15-Feb. 15....	19	.....
Total for State.....		135	2	
Wisconsin:				
Appleton	Jan. 18-25	1	.....
La Crosse	Dec. 15-Feb. 22....	48	.....
Milwaukee	Dec. 15-Jan. 25....	11	.....
Oshkosh.....	Jan. 1-25.....	1	.....
Total for State.....		61	.....
Grand total, United States.....		5,582	15	

Plague in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, December 28, 1907, to March 6, 1908.

Place.	Date.	Cases.	Deaths.	Remarks.
California:				
San Francisco	Dec. 26-Feb. 8.....	23	6	

Yellow fever in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, February 16-March 6, 1908.

Place.	Date.	Cases.	Deaths.	Remarks.
Texas:				
Galveston	Feb. 16-18.....	2	2	In quarantine from ss. <i>Crispin</i> from Manaos 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—	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.
Altoona, Pa.	Feb. 22	38,973	20					1	3		3				
Auburn, N. Y.	Feb. 8	30,345	12		1				3						
Do	Feb. 15	30,345	17		1				2	1			22		
Do	Feb. 22	30,345	10	2									12	1	
Aurora, Ill.	Feb. 15	24,147	9		1			2							
Baltimore, Md.	Feb. 22	508,957	204	15	24	8	1	51	3	23		66		4	1
Bath, Me.	do	10,477						1							
Beaver Falls, S. Dak.	do	10,054		1		2			1						
Biddeford, Me.	do	16,145		13		3									
Binghamton, N. Y.	Feb. 15	38,647	17		1										
Do	Feb. 22	38,647	12		1										
Boston, Mass.	do	560,892	218	48	22	8		88	3	47	4	121			2
Braddock, Pa.	Feb. 15	15,564	12			1	2						14		
Brockton, Mass.	Feb. 22	40,063	18		2					1	1			1	
Butte, Mont.	Feb. 11	30,470	12	1	1			1	1	1	1	2			
Do	Feb. 18	30,470	12	1				2		3	1	1			
Cambridge, Mass.	Feb. 22	91,886	29	7	2		1	2		6	2	20			
Camden, N. J.	do	75,935	30	1		6		4		3					
Carbondale, Pa.	do	13,536	0					1							
Charlotte, N. C.	Feb. 15	18,091	11					1							
Do	Feb. 22	18,091	11		1									1	
Chelsea, Mass.	do	34,072	10	1				3	1	3		6			
Chicago, Ill.	Feb. 15	1,698,575	699	37	75	27	5	89	12	101	11	14		22	4
Chicopee, Mass.	Feb. 22	19,167	13		2			5	2	1	1				
Cincinnati, Ohio	Feb. 21	325,902	138	11	21	6	1	16	1	12		139	6	1	1
Cleveland, Ohio	do	381,768	140	29	16	4		9	3	10		80		28	1
Clinton, Mass.	Jan. 25	13,667	6									9			
Do	Feb. 22	13,667	1									12			
Columbus, Ga.	do	17,614	9		1										
Covington, Ky.	Feb. 15	42,938	30	1	4		1			1		5			
Do	Feb. 22	42,938	11		3				1			20			
Danville, Ill.	do	16,354	9		1			3		5	1	7			
Dayton, Ohio	Feb. 15	85,333	36		5	1		5		2					
Do	Feb. 22	85,333	39	2	3	3		5		4		1		4	
Detroit, Mich.	do	285,704	128					11		5					
Dunkirk, N. Y.	do	11,616	5	1	1			1				1			
Elkhart, Ind.	Feb. 15	15,184	6	1	1			1				4		2	
Do	Feb. 22	15,184	7	1	1			1				19		1	
Elmira, N. Y.	do	35,672			1			3				124		1	
Erie, Pa.	Feb. 20	52,733	20		7		11		1					2	
Evansville, Ind.	Feb. 22	59,007	24	2	3			2	1	2		5		1	
Everett, Mass.	do	24,336	7	2				4		1		37		2	
Findlay, Ohio	do	17,613	5												
Fitchburg, Mass.	do	31,531	6												
Galveston, Tex.	Feb. 21	37,789	11	1		1									
Grand Rapids, Mich.	Feb. 22	87,565	40		2	4		3		1		22		4	
Greensboro, N. C.	do	10,085	10		1										
Greenville, S. C.	Feb. 15	11,860	4					1		1		1			
Harrison, N. J.	Feb. 22	10,596	6												
Haverhill, Mass.	do	37,175	12	6	1							41			
Hoboken, N. J.	do	59,364						1		10		15			
Homestead, Pa.	Feb. 14	12,554	14		1							2			
Hyde Park, Mass.	Feb. 22	13,244	2	2								10			
Indianapolis, Ind.	Feb. 16	169,164	44	1	7	5		7		6	3	8			
Do	Feb. 23	169,164	61	2	4	4	2	3		6		16			
Jacksonville, Fla.	Feb. 22	28,429	9		1							1			
Jacksonville, Ill.	Feb. 8	15,078	8												
Do	Feb. 22	15,078	12		2			3		3	1				
Johnstown, Pa.	do	35,936	12		1	2		9		3					
Kalamazoo, Mich.	do	24,404	11	1	1			1							
Kansas City, Kans.	do	51,418	33	2		4	2	1						2	2
Kansas City, Mo.	Jan. 31	163,752	88		13	4	2	4	1	4		5		4	2
Do	Feb. 7	163,752	67		4	3	3	4		6	1	5		4	
Do	Feb. 14	163,752	70		5		1	4		5		9		7	1
Kearny, N. J.	Feb. 22	10,896	6					2				8			
Kingston, N. Y.	Feb. 15	24,535	6												
Do	Feb. 22	24,535	7		1										
Knoxville, Tenn.	Feb. 15	32,637		2				1				7		1	
Do	Feb. 22	32,637				4	1					14		3	
La Crosse, Wis.	Feb. 15	28,895		16	4			1		2	1			3	
Do	Feb. 22	28,895		5	17	3	1		1			1			
Lafayette, Ind.	Feb. 17	18,116	5					1							
Do	Feb. 24	18,116	3		1							1			

* 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.
Lancaster, Pa.	Feb. 15	41,459	13			1		7		3					
Do.	Feb. 22	41,459	17					4							
Lawrence, Mass.	Feb. 15	62,559	28	1	1	2		5		2		13	1		1
Do.	Feb. 22	62,559	30	5	2		1	5				18			2
Lexington, Ky.	Feb. 15	26,369	17		2					1		1			
Do.	Feb. 22	26,369	15					1				7			
Los Angeles, Cal.	Feb. 8	102,479	86	5	16	5	1	7		9	2	8			
Do.	Feb. 15	102,479	78	5	14	3		7	1	6		6			
Lowell, Mass.	Feb. 22	94,969	44	3	3	1		3		5		16			
Lynn, Mass.	Feb. 15	68,513	22			1		10		12		4			1
Malden, Mass.	do.	33,664	18			1		2		3		42			
Manchester, N. H.	Feb. 22	56,987	22	1	1	1				4					
Manitowoc, Wis.	do.	11,786	8												
Marinette, Wis.	Feb. 1	16,195	4							1					
Do.	Feb. 22	16,195	2												
Marlboro, Mass.	do.	13,609	11		1										
Massillon, Ohio.	do.	11,944	8									2			
Medford, Mass.	do.	18,244	7		1							43			
Melrose, Mass.	Feb. 15	12,962	2	15				4				2			
Do.	Feb. 22	12,962	4	3				3		2					
Memphis, Tenn.	Dec. 28	102,320	49		7	2		5			1				
Do.	Jan. 4	102,320	37		5			2		3					
Do.	Jan. 11	102,320	49		6		2	5							1
Do.	Jan. 18	102,320	34		7	2		4		1					
Do.	Jan. 25	102,320	43		3			6		2					
Do.	Feb. 1	102,320	60		12			4			1				
Do.	Feb. 8	102,320	47		5			10	1	1	1				
Mobile, Ala.	Feb. 15	38,469	26		5										
Montclair, N. J.	Feb. 22	13,962	2					1				1			
Montgomery, Ala.	Feb. 21	30,346	21		3										
Mt. Vernon, N. Y.	Feb. 15	21,228	12					4				7			
Do.	Feb. 22	21,228	7			3		5		2					
Muncie, Ind.	Feb. 15	20,942	5					2							
Do.	Feb. 22	20,942								1					
Nanticoke, Pa.	Feb. 24	12,616						1							
Nashville, Tenn.	Feb. 22	80,865	40		3	1		1		2		28			2
Nebraska City, Nebr.	Feb. 15	7,200	3	1								18			
Do.	Feb. 22	7,200	0	2		4		6		1	19	6		4	
Newark, N. J.	do.	246,070	97		21	4		37	1	19	1				
New Bedford, Mass.	do.	63,442	24	2	1			3		3		19			
New Brunswick, N. J.	Feb. 15	20,006						1							
Do.	Feb. 22	20,006						1				1			
Newburyport, Mass.	do.	14,478	6												
New Orleans, La.	Feb. 15	278,104	164	20	18	3		9		12					
Do.	Feb. 22	278,104	181	13	20	2		5		11	1				
Newton, Mass.	do.	33,587	5	4				2		6		32		1	
New York, N. Y.	Feb. 15	3,437,202	1,697	340	225	26	5	756	55	371	46	1104	26	9	5
Do.	Feb. 22	3,437,202	1,479	388	201	33	4	797	39	371	45	1252	26	9	1
Niagara Falls, N. Y.	do.	19,457	10	1		2		1				11			1
Norristown, Pa.	do.	22,265	13		2	1									
North Adams, Mass.	do.	24,200	7					2				28			
Northampton, Mass.	do.	18,643	8	1		1		3		1			2		1
Oneonta, N. Y.	do.	7,147	6												
Ottumwa, Iowa.	do.	18,197	10			1						15		1	
Palmer, Mass.	do.	7,801	1					2		1					
Pittsburg, Pa.	Feb. 15	321,616	244	17	17	41	12	25		18	2	317	11	20	2
Pittsfield, Mass.	Jan. 4	21,766	17	1				1				15			
Do.	Feb. 1	21,766	8	1				2				20			
Do.	Feb. 8	21,766	9		1			1	1	1		18			
Do.	Feb. 15	21,766	9							3		26			
Do.	Feb. 22	21,766	7	1	2	1		1				8			
Plainfield, N. J.	do.	16,369	4	1						1	1	2			
Port Huron, Mich.	do.	19,158	9		1			1							
Portland, Me.	Jan. 18	50,145	22	2						3					
Do.	Jan. 25	50,145	22	1	2			2		3					
Do.	Feb. 1	50,145	17	2	1			1		4					
Do.	Feb. 8	50,145	25	3	4			2			1				
Portsmouth, N. H.	Feb. 22	10,637	1	1	1			1				1			
Portsmouth, Va.	Feb. 18	17,427	6			1		1							
Do.	Feb. 25	17,427	5												
Providence, R. I.	Feb. 22	175,597	91	15	12	3		9		9	2	14	2		
Quincy, Mass.	Feb. 15	28,899	4	2											
Do.	Feb. 22	28,899	4	1	1					3		1			
Racine, Wis.	do.	29,102	13	1	1	2	1								
Reading, Pa.	Feb. 24	78,961	29	1				13		3		3		6	2

* Intervening weeks 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.
Richmond, Va.....	Feb. 15	85,050	57	8	5	14	....	2	....	6	1	19	....	8	1
Rutland, Vt.....	Feb. 22	11,499	4	....	....	....	....	....	....	....	....	....	....	10	....
Saginaw, Mich.....	Feb. 8	42,345	15	1	1	2	....	....	....	....	....	....	....	....	....
Do.....	Feb. 15	42,345	8	4	4	....	....	3	....	1	....	....	....	....	....
St. Louis, Mo.....	Feb. 22	575,238	186	35	21	8	1	34	2	18	2	9	....	9	....
Sandusky, Ohio.....	Feb. 15	19,664	12	....	....	8	....	....	....	....	....	....	....	....	....
Scranton, Pa.....	Feb. 22	102,026	....	1	1	....	....	8	....	6	2	23	....	....	....
South Bend, Ind.....	Feb. 15	35,999	12	1	1	2	....	....	....	....	....	....	....	....	....
Do.....	Feb. 22	35,999	9	....	....	2	....	1	....	7	....	....	....	....	....
Spokane, Wash.....	Feb. 8	38,848	37	....	....	2	....	2	....	1	....	....	....	....	....
Do.....	Feb. 15	38,848	13	....	....	....	....	2	....	6	....	1	....	....	....
Springfield, Ill.....	Feb. 20	34,159	14	....	....	....	....	....	....	....	....	....	....	....	....
Springfield, Mass.....	Feb. 22	62,069	26	....	4	....	....	6	1	4	1	....	....	....	....
Springfield, Ohio.....	Feb. 15	38,253	15	....	....	....	....	....	....	....	....	1	....	....	....
Steelton, Pa.....	Feb. 22	12,068	7	2	....	....	....	....	....	....	....	....	....	....	....
Tacoma, Wash.....	Feb. 15	37,714	17	....	1	....	....	....	....	3	....	6	1	....	....
Taunton, Mass.....	Feb. 22	31,086	12	....	....	1	1	....	....	....	....	....	....	....	....
Terre Haute, Ind.....	do.....	36,678	24	3	3	....	....	2	....	1	1	51	1	....	....
Titusville, Pa.....	do.....	8,244	2	....	....	....	....	....	....	....	....	....	....	....	....
Topeka, Kans.....	Feb. 15	33,608	27	....	1	....	....	8	1	3	....	....	....	....	....
Trenton, N. J.....	Feb. 22	73,307	....	....	....	5	1	3	....	2	....	....	....	....	....
Waltham, Mass.....	do.....	23,481	8	....	....	....	....	1	....	1	....	7	....	1	....
Warren, Ohio.....	do.....	8,529	2	....	....	....	....	1	....	....	....	....	....	....	....
Warren, Pa.....	Feb. 17	8,043	2	....	....	....	....	....	....	....	....	....	....	....	....
Washington, D. C.....	Feb. 15	278,718	108	....	11	1	....	5	1	6	....	14	....	16	....
Do.....	Feb. 22	278,718	156	....	14	4	....	5	....	6	....	25	....	5	1
Wichita, Kans.....	Feb. 15	24,671	....	....	....	....	....	1	....	1	1	....	....	....	....
Wilkinsburg, Pa.....	Feb. 18	11,886	2	....	....	....	....	2	....	1	....	2	....	....	....
Williamsport, Pa.....	Feb. 15	28,757	10	....	....	....	....	4	....	4	1	1	....	....	....
Do.....	Feb. 22	28,757	9	....	....	....	....	2	....	6	1	3	....	....	....
Winona, Minn.....	Feb. 15	19,714	9	....	1	....	....	....	....	....	....	4	....	....	....
Do.....	Feb. 22	19,714	12	....	2	....	....	....	....	....	....	....	1	....	....
Woburn, Mass.....	do.....	14,254	8	....	....	....	....	....	....	....	....	....	....	....	....
Worcester, Mass.....	do.....	118,421	48	10	6	....	....	13	1	12	....	15	1	1	....

FOREIGN AND INSULAR.

CURRENT QUARANTINE MEASURES.

[From the Veröffentlichungen des Kaiserlichen Gesundheitsamtes, Berlin, February 5, 1908.]

CHOLERA.

BELGIUM.—January 18. Measures for arrivals from the Asiatic coast of the Red Sea between Lith and Yambo, inclusive, put in force. Maritime arrivals subject at the quarantine stations of the Scheldt and the ports of Ostend, Nieuport, Zeebrugge, and Salzaete to measures prescribed in Title I, Chapter II, Section III, of the Paris Convention of 1903.

EGYPT.—January 11. The returning pilgrimage of this year declared cholera-infected.

NORWAY.—January 22. The Russian governments of Simbirsk, Tschernigow, Ekaterinaslaw, the Turgai Province, and the Don Territory declared free of cholera.

TURKEY.—January 21. Passengers on arrivals from the Russian ports of the Black Sea required only to undergo medical inspection and the prescribed measures of disinfection either at the lazaretto of Monastir-Aghzy (Kavak) or Sinope.

PLAGUE.

AUSTRIA.—January 15. Measures ordered November 18 by maritime authorities at Trieste against arrivals from Phillippeville suspended.

BELGIUM.—January 18. Measures against arrivals from Paraguay, Argentina, and Chile suspended.

BRITISH EAST INDIES.—January 3. Quarantine at Orissa against arrivals from Djeddah suspended.

TURKEY.—January 21. Precautionary measures against arrivals from Alexandria replaced by medical inspection at the first Turkish port provided with sanitary officers. January 22.—Measures repeated January 12 against pilgrims returning from the Hedjaz by maritime routes applicable only for precautions against plague. Disinfection on board for destruction of rats enjoined. Duration of quarantine to depend on the occurrence of plague or cholera cases.

BRAZIL.

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

Acting Assistant Surgeon Stewart reports, January 28:

Two weeks ended January 26. Vessels bound for the United States received bills of health from this consulate-general as follows: January 13, the British steamship *Rauma*, for New York,

with a cargo of coffee, no passengers, and no change in the personnel of the crew; and British steamship *Thespis*, for New York, with a cargo of coffee, with 2 cabin, 3 steerage passengers, and 2 new members of the crew shipped here; January 14, the British steamship *Mendoza*, for New Orleans, with cargo of coffee, no passengers, and with no change in the personnel of the crew; January 17, U. S. Navy collier *Cesar*, for Hampton Roads, Va., in ballast, with no passengers and no change in the crew, and the American tug *E. G. Reynolds*, with cargo of coal from the United States, to San Francisco, Cal., no passengers, and no change in the crew; January 18, British steamship *Velasquez*, for New York, with a cargo of coffee, 9 cabin, 1 steerage passenger, and with 1 new member of the crew signed here; U. S. Navy collier *Abarenda*, for Hampton Roads, with ballast, no passengers, and with no change in the crew while here, and British steamship *Spartan Prince*, for New York, with a cargo of coffee, 1 cabin passenger, and with no change in the crew personnel; January 20, U. S. Navy collier *Sterling*, for San Juan, P. R., in ballast, with no passengers, and no change in the personnel of the crew; German steamship *Christiania*, for New York, with a cargo of coffee, no passengers, and with no change in the crew personnel, and U. S. Navy colliers *Brutus* and *Nero*, with ballast, for Hampton Roads, with no passengers, and with no change in the crew personnel; January 23, Brazilian steamship *Acre*, for New York, with a general cargo, and with no change in the crew personnel, and with 31 cabin and 13 steerage passengers; January 24, Portuguese bark *Margarita*, for New Orleans, with no passengers and no change in the personnel of the crew, and in stone ballast; British steamship *Afghan Prince*, for New Orleans, in cargo of coffee, no change in the crew personnel and 1 steerage passenger, and Portuguese ship *Fenice*, for Gulfport, in stone ballast, with no passengers, and with no change in the personnel while in this port. All vessels lay in the open bay while here.

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

The American Navy colliers did not leave on the dates above stated when the bills of health were issued, but in all cases the bills were returned before sailing and the dates of sailing were changed to the proper dates.

Plague and smallpox—Mortality, city of Rio de Janeiro.—Week ended January 19. Total estimated population of the city, 628,675. Total deaths, 258. No cases nor deaths reported due to yellow fever. Bubonic plague caused no deaths, with 1 new reported case, and smallpox caused 13 deaths, with 39 new cases reported. At the close of the week there were in the hospital of São Sebastião no cases of yellow fever under treatment, 40 cases of smallpox and 5 cases of plague under treatment, and 29 cases of suspicious illness under observation.

Week ended January 26. Total deaths, 267. No cases nor deaths caused by yellow fever, 5 new reported cases of plague, with no deaths, and 24 new reported cases of smallpox, with 14 deaths from this cause. At the close of the week there were in the hospital of São Sebastião no cases of yellow fever, 50 cases of smallpox and 7 cases of plague under treatment, and 27 cases of suspicious illness under observation.

CHINA.

Reports from Hongkong—Quarantine restrictions—Plague and smallpox.

Acting Assistant Surgeon Hough reports:

Week ended January 4. Restrictions enforced by Hongkong remain as reported on November 2. Restrictions enforced against Hongkong remain as reported on November 2. Quarantinable diseases: Plague, 1 case, 1 death; smallpox, 5 cases, 5 deaths. Vessels inspected and granted bills of health, 11.

Week ended January 11. Quarantinable disease: Smallpox, 9 cases, 7 deaths. Vessels inspected and granted bills of health, 7.

CUBA.

Report from Cienfuegos—Inspection of vessels.

Acting Assistant Surgeon Marsillan reports, February 17:

Week ended February 15.

Vessels inspected and bills of health issued.....	5
Total members of crews inspected.....	135
Passengers inspected in transit.....	4

Report from Habana—Inspection and fumigation of vessels—Yellow fever at Santa Clara and Santiago, previously reported.

Acting Assistant Surgeon Thomas reports, February 25:

Week ended February 22.

Vessels inspected and bills of health issued.....	20
Vessels not inspected and bills of health issued.....	5
Members of crews of outgoing vessels inspected.....	1,026
Members of crews of outgoing vessels not inspected.....	507
Passengers of outgoing vessels inspected.....	953
Passengers of outgoing vessels not inspected.....	326
Vessels fumigated prior to sailing.....	4

During this period there were reported 6 new cases of yellow fever. Five cases occurred at Santa Clara. The last 5 cases at Santa Clara are soldiers of the Fifteenth U. S. Cavalry.

Report from Matanzas—Inspection and fumigation of vessels—History of yellow fever case on steamship Britannic at Cardenas.

Acting Assistant Surgeon Nuñez reports, February 18:

Week ended February 15. Bills of health were issued to 10 vessels clearing for the United States of which 1 was fumigated and certified to.

On February 7 the Norwegian steamship *Britannic* arrived at Cardenas, Cuba, with one of the crew, the cook, sick with yellow fever. The patient was transferred to the hospital of that place and the vessel fumigated shortly after by the Cuban authorities. According to the captain's statement this vessel left New York for Baltimore January 6, and proceeded from there to the island of Trinidad, January 11, arriving at the latter place January 22. There the vessel

lay nine days at anchor in the open bay about 3 miles off shore. Strict orders were given the crew not to go ashore, as the captain was advised that yellow fever was prevalent at the place. Notwithstanding this, one night about three days after arrival, 3 of the crew managed to escape from the vessel and went ashore. While the vessel was in port about 42 native stevedores were employed aboard in unloading the cargo on lighters tied alongside. These workers retired ashore every evening and returned in the morning to resume their occupation.

On February 1 the vessel sailed directly for Cardenas with all well on board. With the exception of the 3 sailors referred to and the captain, all nonimmunes, no one else went ashore at Trinidad. The vessel remained at the same anchorage up to the time of departure from that port. Three days after leaving Trinidad—that is, on February 4—the cook, who had not been ashore at all, was taken sick, while none of the other members of the crew who landed at the place and who had directly exposed themselves to the contagion developed the disease.

The steamship *Britannic* was fumigated again by this Service February 14, when about to leave port for Philadelphia direct. The temperature of all the crew was taken and found normal immediately before sailing.

*Report from Santiago—Inspection and fumigation of vessels—
Work of fumigation continued.*

Acting Assistant Surgeon Wilson reports, February 18:

Week ended February 15. Bills of health were issued to 9 vessels bound for the United States and its dependencies. The Cuban steamship *Julia*, bound for San Juan, P. R., was fumigated to kill mosquitoes. Clean bills of health were issued to all.

No quarantinable disease has been reported. The work of fumigating the lower part of the city continues.

ECUADOR.

Reports from Guayaquil—Mortality among rats—Plague not officially announced—Yellow fever at Guayaquil and Huigra.

Passed Assistant Surgeon Lloyd reports, February 11 and 17:

Rats are dying in large numbers all over the city of Guayaquil. Sick rats are often seen in broad daylight. In accordance with instructions from President Alfaro I have been tendered the laboratories of the Collegio Vicente Rocafuerte, and two prominent physicians have been named to cooperate with me in the bacteriological examinations.

A member of the local board of health informs me that rats have been dying in Machali, a port near the Peruvian border, for about two months. Coasting steamships ply between that port and Guayaquil without supervision.

There is considerable yellow fever present and 4 deaths are reported from Huigra during the past week.

February 17. I reported February 13 that the local board of health had officially announced the presence of bubonic plague in Guayaquil. (See Public Health Reports, February 21, p. 219.) This statement was based on misinformation. The action was taken by the physicians of Guayaquil who were called together by the governor (himself a physician), who asked for their opinion. The majority of representative physicians of Guayaquil were present and there was only one among them who expressed the opinion that there was no plague in Guayaquil.

The board of health reserves official announcement of plague pending the completion of bacteriological examination.

Active measures to prevent the propagation of the disease are being taken by the local authorities.

There have been 3 undoubted cases to date with 2 deaths.

EGYPT.

Report from Cairo—Hospital for foreign cholera patients to be established—American consular officers directed to cooperate with government authorities in preventive measures against cholera.

The following is received from Consul-General Iddings, under date of February 5:

The Egyptian government informs me that its officers will equip and administer in Cairo a hospital for the reception of foreign cholera patients in case the disease appears.

In compliance with a request from the Egyptian authorities I have directed all American agents in this country to cooperate to the utmost with the Egyptian authorities in quarantine and other preventive measures against cholera. So far as I can learn no cases have yet occurred in Egypt.

HAWAII.

Report from Honolulu—Plague at Hilo.

Chief Quarantine Officer Cofer reports:

February 24. A case of plague occurred at Hilo February 22.

INDIA.

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

Acting Assistant Surgeon Eakins reports, January 30:

During the week ended January 25 a bill of health was issued to the steamship *Kabinga* bound for Boston and New York with a total crew of 62, and to the steamship *Stephanotis* bound for Boston and New York with 31 in the crew. The usual precautions were taken, the holds were fumigated, rat guards were placed on the wharf lines, and the Asiatics' effects were disinfected.

During the week ended January 11 there were 37 deaths from cholera, 15 from plague, and 5 from smallpox in Calcutta. In Bengal there were 442 cases of plague, with 336 deaths. In India there were 3,719 cases of plague, with 2,833 deaths.

ITALY.

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

Passed Assistant Surgeon McLaughlin reports, February 10:
Week ended February 8. 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.
Feb. 4	San Giorgio	New York	102	10	100
5	Canopic	Boston	277	90	350
5	Italia	New York	57	12	90
6	Duca degli Abruzzi	do	331	45	450
7	Prinzess Irene	do	270	65	320
	Total .....	.....	1,037	222	1,310

PALERMO.

Feb. 5	San Giorgio	New York	63	126	23
6	Italia	do	115	33	143
	Total .....	.....	178	159	166

Rejections recommended.

NAPLES.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Suspected favus.	Other causes.	Total.
Feb. 4	San Giorgio	4	1	2	.....	.....	7
5	Canopic	4	1	1	1	1	8
5	Italia	3	.....	1	.....	2	6
6	Duca degli Abruzzi	12	2	12	.....	.....	26
7	Prinzess Irene	11	1	8	.....	1	21
	Total	34	5	24	1	4	68

PALERMO.

Feb. 5	San Giorgio	4	.....	6	.....	.....	10
6	Italia	3	.....	3	.....	2	8
	Total	7	.....	9	.....	2	18

Smallpox.—Week ended February 6. Cases: Trino (Novara) 1, Casagiove 3, Ponza 10, San Prisco (Caserta) 2, Sesto Campano (Campobasso) 2, Cittanova 18, Polistena 5, Gerace Superiore 2, Canlonia 3, Grotteria 6, Rizziconi 2, Comolo 1, Oppido (Rezzio Calabria) 1, Acquaviva Plotani (Caltanissetta) 1.

JAPAN.

Report from Yokohama—Inspection of vessels—Spread of small-pox in Japan.

Passed Assistant Surgeon Cumming reports, February 4:

Bills of health were issued during the week ended February 1 to 4 steamships, having an aggregate personnel of 746 members of crews and 675 passengers.

During the month of January 531 intending steerage passengers for the United States or their possessions were examined with reference to their freedom from loathsome or dangerous contagious diseases. Of these 127 were recommended for objection and 404 were passed. Of the latter 355 embarked and were certified. Three hundred and fifty-three emigrants, 16 sailors, and 87 steerage passengers for Victoria were bathed and 931 pieces of baggage were disinfected. All the steerage passengers were vaccinated.

The present outbreak of smallpox throughout the Japanese Empire exceeds in virulence and rapidity of spread any previous epidemic of recent years, but it has apparently been somewhat checked both here and in Tokyo by the vaccination of the population by police authority.

There were 34 cases of smallpox, with 10 deaths, during the week ended February 1 and 12 cases so far this month. A total of 145 cases was officially reported this year, with 40 deaths.

All steerage passengers are vaccinated under my direct supervision.

Emigrants recommended for rejection.

Number of emigrants per steamship *Korea* recommended January 29 for rejection: For Honolulu, 2; for San Francisco, 1. Advised to wait: For Honolulu, 26; for San Francisco, 1.

Per steamship *Minnesota* January 30: For Seattle, 2. Advised to wait, 9.

Per steamship *Tosa Maru* February 5: For Seattle, 3. Advised to wait, 21.

Rejections and detentions were for trachoma.

Reports from Kobe—Inspection of vessels—Examination of emigrants—Status of smallpox—House-to-house inspection—Vaccination—Plague and smallpox at Osaka.

Acting Assistant Surgeon Ransom reports, January 28 and February 4:

During the week ended January 25, 3 supplemental bills of health were granted to 3 steamships with an aggregate personnel of 1,090.

There were inspected 3 vessels, 517 members of crews, 17 cabin and 472 steerage passengers; 202 steerage passengers were bathed and their effects were disinfected by steam and labeled; 35 pieces of baggage were inspected and passed; manifests were viséed for 1,620 pieces of freight, and 204 certificates of vaccination were issued.

Emigrants were examined as follows: Steamship *China*, for Manila, passed 2, recommended for rejection 7; steamship *Korea*, for Honolulu and San Francisco, passed 206, recommended for rejection 164.

The official report of communicable diseases in Kobe for the week shows smallpox, 983 cases and 240 deaths.

According to the official figures there was an increase last week of 245 cases of smallpox in the number reported, as compared with the week previous.

House-to-house inspection by the police is continued, and in this way from 33 to 50 per cent of the cases officially reported are found. Universal vaccination is also being practiced, and in Hiogo district, where the epidemic began, and which contains about 135,000 people, the task is practically completed, and there has been a slight decline in the number of new cases occurring there. In the eastern and western districts, however, the conditions are not so favorable.

At the smallpox hospital more than 700 cases are under treatment. This institution, constructed to accommodate about 200 patients, is extremely overcrowded, there being as many as 8 persons in rooms about 15 by 12 by 8 feet.

During the week ended February 1, supplemental bills of health were granted to 3 steamships with an aggregate personnel of 818.

There were inspected 3 vessels, 538 members of crews, 15 cabin and 246 steerage passengers; 138 steerage passengers were bathed and their effects were disinfected by steam, manifests were viséed for 19,298 pieces of freight, and vaccination certificates were issued to 137 steerage passengers.

Emigrants were examined as follows: Steamship *Minnesota*, for Seattle, passed 6, recommended for rejection 7; steamship *America Maru*, for Honolulu and San Francisco, passed 70, recommended for rejection 143; steamship *Tosa Maru*, for Seattle, passed 28, recommended for rejection 33.

The official report of communicable diseases in Kobe for the week shows smallpox 719 cases and 363 deaths. The total deaths reported numbered 570.

There has been a steady, but rather slow, decrease in the number of new cases of smallpox reported from day to day. This condition is attributed to the effect of the vaccinations which have been practiced. The zeal of the authorities in dealing with the epidemic has not been relaxed, and the measures heretofore alluded to are still being pursued.

Smallpox has developed in epidemic form in Osaka, and according to reports there were no less than 204 cases during the week just ended, with a mortality of 134. There were 4 new cases and 5 deaths from plague in Osaka during the week ended January 25.

Report from Nagasaki—Emigrants recommended for rejection.

Sanitary Inspector Bowie reports:

January 28. Number of emigrants per steamship *America Maru* recommended for rejection, 16.

MEXICO.

Report from Coatzacoalcos—Inspection of vessels.

Acting Assistant Surgeon Thompson reports, February 20:
 Week ended February 19. Four steamships were inspected and granted bills of health.

Report from Salina Cruz—Inspection of vessel.

Acting Assistant Surgeon McPherson reports, February 16:
 Period February 1 to 15. One steamship cleared from this port for the United States, and was fumigated throughout while in the roadstead outside the harbor.

PERSIA.

Report from Teheran—Cholera among pilgrims at Mecca and Djeddah.

The following is received from the American legation at Teheran, under date of January 30:

The report of the sanitary council of the Persian Empire, which was held at Teheran January 6, shows that cholera rages among the pilgrims at Mecca, as well as at Djeddah, where the deaths have lately numbered more than 400 a day. A report that cholera had appeared at Bagdad was formally contradicted by the British consul-general in that city a few days ago.

The regulations of the council, dated September, 1907, provide that the legation physicians are ex-officio members of the council.

PERU.

Report from Callao—Inspection and fumigation of vessels—Small-pox at Callao and Lima.

Assistant Surgeon Wightman reports, February 2:

Week ended February 1. Five vessels were dispatched, with an aggregate personnel of 236 members of crews, 88 cabin and 55 steerage passengers. All these vessels were fumigated except one, the American schooner *G. E. Billings*, bound for Newcastle, New South Wales.

Smallpox continues in Lima, but is very much abated. Three cases of the same disease, one of them fatal, have recently occurred in Callao.

PHILIPPINE ISLANDS.

Report from Manila—Cholera at Manila and Mariguina—Cholera on steamship Romulus—Additional interisland quarantine restrictions—Inspection of vessel.

Chief Quarantine Officer Heiser reports, January 16:

Week ended January 11. There has been a still further increase in the number of cholera cases in Manila for the past week, there being

a total of 45 cases, with 35 deaths. The virulence of the disease is still increasing. Toward the latter part of the week covered by this report, cholera commenced to attack persons better nourished and housed than those who have been attacked by the disease heretofore. Two Americans and several Spaniards, as well as a number of prominent Filipinos, are at present confined to the San Lazaro cholera hospital.

During the week there were 45 cases and 43 deaths in the town of Mariquina, which is situated upon the banks of the river, above the intake from which the water supply of the city of Manila is obtained. The patrol maintained by United States troops has been effective, and no pollution of the river has taken place.

Cholera made its appearance on board the steamship *Romulus*, which arrived at Zamboanga January 7. This vessel left Manila January 2. The first case occurred in the person of a Japanese passenger, who succumbed a few hours after the first symptoms of the disease appeared. Shortly afterwards another case developed. In the meantime the vessel was remanded to the Cebu quarantine station for disinfection and detention, but before the disinfection could be begun, 2 more cases made their appearance, making a total of 4 cases to date. The passengers who had disembarked between the dates of January 2 and 7 have all been accounted for, and no case of cholera has appeared among them, in view of which fact it is believed that cholera has not been introduced at any of the places at which the vessel called previous to her arrival at Zamboanga.

It became necessary to impose additional outgoing quarantine detention upon all outgoing interisland vessels, which was done commencing January 6. Toward the latter part of the week it became apparent that additional quarantine was necessary in order to safeguard the provinces, and a quarantine of forty-eight hours was imposed, to be effective January 13.

During the week, the only vessel leaving Manila and granted a consular bill of health was the British steamship *Benarty*, January 6, with 41 in the crew, en route from Yokohama to Cebu. This steamship was granted a supplemental bill of health, after the usual inspection of personnel.

RUSSIA.

Reports from St. Petersburg—No new cases of cholera in Russia—Government of Tomsk and trans-Siberian Railroad declared free from cholera.

The following information is received from the Department of State, under dates of February 24 and 26:

A dispatch, dated January 31, from the American ambassador at St. Petersburg states that no new cases of cholera in Russia were reported between January 15 and 21.

The American ambassador at St. Petersburg reports that, according to information communicated by the ministry for foreign affairs, the government of Tomsk and the territory along the trans-Siberian Railroad are free from cholera.

VENEZUELA.

Yellow fever at Ciudad Bolivar.

The American consul at Trinidad reports, under date of February 12, that a number of cases of yellow fever with several deaths occurred at Ciudad Bolivar, Venezuela, during the month of January. The deaths have been principally among Germans.

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

AFRICA—*Zanzibar*.—Fourteen days ended January 21, 1908. Estimated population, 75,000. Total number of deaths, 37, including 5 from tuberculosis.

BRAZIL—*Sao Paulo, Santos, and Campinas*.—Week ended December 29, 1907. Estimated population, 300,000. Total number of deaths, 235, including measles 4, enteric fever 1, whooping cough 2, and 28 from tuberculosis.

Week ended January 5, 1908. Total number of deaths, 227, including leprosy 1, measles 2, and 28 from tuberculosis.

Week ended January 12, 1908. Total number of deaths, 232, including enteric fever 2, diphtheria 2, measles 2, whooping cough 2, and 18 from tuberculosis.

Week ended January 19, 1908. Total number of deaths, 181, including measles 7, leprosy 2, whooping cough 2, and 15 from tuberculosis.

CANADA—*British Columbia, Vancouver*.—Year ended December 31, 1907. Estimated population, 52,000. Total number of deaths, 679, including diphtheria 7, enteric fever 14, measles 2, scarlet fever 1, whooping cough 7, and 87 from tuberculosis. Cases: Diphtheria 51, enteric fever 118, measles 1,316, scarlet fever 76, smallpox 10, whooping cough 88, and tuberculosis 63.

Ontario—*Hamilton*.—Month of January, 1908. Estimated population, 63,000. Total number of deaths, 102, including diphtheria 4, scarlet fever 1, and 6 from tuberculosis.

CHINA—*Saigon*.—Sixteen days ended January 16, 1908. Estimated population, 57,000. Total number of deaths, 23, including diphtheria 1, and 11 from tuberculosis.

CUBA—*Matanzas*.—Ten days ended February 10, 1908. Estimated population, 35,515. Total number of deaths, 23, including whooping cough 1, and 3 from tuberculosis.

FRANCE—*Marseille*.—Month of January, 1908. Estimated population, 517,498. Total number of deaths, 1,021, including diphtheria 4, enteric fever 49, measles 2, scarlet fever 1, whooping cough 3, smallpox 8, and 139 from tuberculosis.

GREAT BRITAIN—*England and Wales.*—The deaths registered in 76 great towns in England and Wales during the week ended February 8, 1908, correspond to an annual rate of 18.3 per 1,000 population, which is estimated at 16,234,952.

London.—One thousand six hundred and twenty-nine deaths were registered during the week, including measles 20, scarlet fever 16, diphtheria 21, enteric fever 1, whooping cough 41, tuberculosis 195, and 19 from diarrhea. The deaths from all causes correspond to an annual rate of 17.7 per 1,000. In Greater London 2,193 deaths were registered. In the "outer ring" the deaths included 1 from measles, 1 from scarlet fever, and 4 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended February 8, 1908, in the 21 principal town districts of Ireland was 23.8 per 1,000 of the population, which is estimated at 1,131,959. The lowest rate was recorded in Dundalk, viz, 8.0 and the highest in Newtonards, viz, 34.3 per 1,000.

Scotland.—The deaths registered in 8 principal towns during the week ended February 8, 1908, correspond to an annual rate of 23.5 per 1,000 of the population, which is estimated at 1,839,038. The highest rate of mortality was recorded in Leith, viz, 31.4, and the lowest in Perth, viz, 16.3 per 1,000. The aggregate number of deaths registered from all causes was 827, including diphtheria 5, enteric fever 5, measles 64, scarlet fever 3, smallpox 2, and 32 from whooping cough.

ITALY—*Genoa.*—Month of January, 1908. Estimated population, 273,000. Total number of deaths, 537, including diphtheria 3, enteric fever 1, measles 3, and 56 from tuberculosis.

MALTA.—Two weeks ended January 25, 1908. Estimated population, 206,690. Total number of deaths, 202, including diphtheria 4, smallpox 1, measles 10, and 10 from tuberculosis.

MEXICO—*Tampico.*—Two weeks ended February 15, 1908. Estimated population, 20,000. Total number of deaths, 47, including enteric fever 1, and 3 from tuberculosis.

NEW ZEALAND—*Auckland.*—Month of November, 1907. Census population, 69,149. Total number of deaths, 77, including whooping cough 4, and 7 from tuberculosis.

Christchurch.—Month of November, 1907. Census population, 55,263. Total number of deaths, 85, including diphtheria 1, and 8 from tuberculosis.

Dunedin.—Month of November, 1907. Census population, 58,036. Total number of deaths, 64, including 8 from tuberculosis.

Wellington.—Month of November, 1907. Census population, 63,807. Total number of deaths, 54, including diphtheria 1, scarlet fever 1, whooping cough 1, and 3 from tuberculosis.

RUSSIA—Riga.—Month of October,* 1907. Estimated population, 350,000. Total number of deaths, 620, including diphtheria 11, enteric fever 8, smallpox 8, measles 3, scarlet fever 23, whooping cough 6, and 75 from tuberculosis.

SPAIN—Barcelona.—Twenty days ended February 10, 1908. Estimated population, 600,000. Total number of deaths, 799, including diphtheria 12, enteric fever 14, smallpox 3, measles 4, scarlet fever 2, and 61 from tuberculosis.

Cadiz.—Month of January, 1908. Estimated population, 69,322. Total number of deaths, 172, including smallpox 1, and 22 from tuberculosis.

Seville.—Month of January, 1908. Estimated population, 148,315. Total number of deaths, 426, including diphtheria 6, enteric fever 2, whooping cough 2, and 64 from tuberculosis.

WEST INDIES—St. Christopher.—Two weeks ended February 8, 1908. Estimated population, 49,289. Total number of deaths, 43, including 3 from tuberculosis.

Cholera, yellow fever, plague, and smallpox from December 28, 1907, to March 6, 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-Jan. 19 ...	4,944	4,301	
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	
Yembo	Dec. 20-Jan. 3	255	160	
Ceylon:				
Colombo	Nov. 24-30		1	
China:				
Hongkong	Oct. 27-Nov. 2	3	7	Imported from Singapore.
India:				
Bombay	Dec. 4-Jan. 21		8	
Calcutta	Nov. 17-Jan. 18		654	
Cochin	Oct. 26-Jan. 10		96	
Madras	Dec. 1-Jan. 31		40	
Negapatam	Nov. 16-Dec. 27		8	
Rangoon	Nov. 11-Jan. 25		93	
Tuticorin	Nov. 30-Jan. 10		365	
Japan:				
De Vries (Oshima) Island ..	Dec. 3	5		
Ibaraki	Nov. 27	1		
Kanagawa	Dec. 1-2	4		
Kobé	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	
Shinagawa	Nov. 27			Present on 2 Japanese torpedo-boat destroyers.

* Received out of regular order.

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

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Japan—Continued.				
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-Jan. 11	110	84	Second quarter, calendar year 1907, no cases and no deaths; third quarter, 80 cases, 71 deaths.
Mariquina				
Provinces	Jan. 4-11	45	35	Second quarter, calendar year 1907, no cases, no deaths.
Bulacan	Dec. 7			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	53	42	
Pampanga	Dec. 7			Present.
Russia, general				
Akmolinsk	Nov. 7-Jan. 7	732	416	
Baku	Nov. 7-12	19	24	
Ekaterinslaw	Nov. 7-12	18	12	
Kief	Nov. 7-12	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	
Samara, Govt. dist.	Nov. 7-12	7	8	In industrial district.
Tobolsk	Nov. 7-Jan. 7	42	25	
Tomsk, Govt. dist.	Nov. 7-12	112	79	
Tschernigov and Pol-tawa	Nov. 7-Jan. 14	71	26	
Volga, middle dist.	Nov. 7-12	25	14	
Straits Settlements:				
Perlis	Nov. 7-12	47	22	
Turkey in Asia:				
Khorassan	Oct. 19			Present.
Sinope				
Turkey in Europe:				
Constantinople	Nov. 10-Dec. 4	4	4	
	Dec. 6-8	3	4	
	Jan. 4-26		11	

YELLOW FEVER.

Brazil:				
Manaos	Nov. 24-Feb. 1		28	Report for Jan. 18 not yet received.
Para	Dec. 1-Feb. 8	167	100	
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. 22	7		
Santiago Province—				
Santiago	Jan. 15-Feb. 20	2	1	
Ecuador:				
Guayaquil	Dec. 1-Jan. 25		15	
Huigra	Feb. 5-11		4	

^a Report received out of date.

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

YELLOW FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
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 Bolívar.....				Present in January.
La Guaira.....	Nov. 17-Feb. 1....	.....	.....	Present.
West Indies:				
Barbados—				
Bridgetown.....	Dec. 4-Feb. 8.....	3	3	In vicinity.
Trinidad.....	Jan. 5-Feb. 1....	7	6	

PLAGUE.

Africa:				
Algeria—				
Bône.....	Nov. 15.....	1	.....
Philippeville.....	Oct. 19-Nov. 2....	7	.....
British Gold Coast—				
Accra.....	To Jan. 13.....	.....	.....	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	
Girgneh.....	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	.....
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-Jan. 26...	57	13	
Santos.....	Dec. 9-15.....	.....	1	
Chile:				
Arica.....	Dec. 14.....	.....	.....	Present in vicinity.
Valparaiso.....	Dec. 8-14.....	1	1	
China:				
Amoy (Kulangsu).....	Nov. 10-23.....	.....	.....	Present.
Hongkong.....	Oct. 27-Jan. 18...	7	7	
Hwang-Hien.....	Jan. 16.....	4	.....
Tengchow.....	Jan. 16.....	1	.....
Ecuador:				
Guayaquil.....	Feb. 13-17.....	3	2	
Great Britain:				
Glasgow.....	Aug. 17-31.....	1	1	Received out of date.
Hawaii:				
Hilo.....	Feb. 22.....	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.....	.....	38,784	29,308	

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

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Japan:				
Formosa	Jan. 5-18	5	5	Present.
Nagasaki	To Nov. 30	36	23	
Nushima Island	Jan. 4 .....	.....	.....
Osaka	Nov. 17-Jan. 18	266	252	
Peru:				
Callao	Dec. 5-Jan. 22	7	3	
Catacaos	Dec. 12-Jan. 22	5	11	
Chosica	Nov. 21-Dec. 4	2	.....
Eten	Jan. 16-22	9	3	
Ferrenafe	Jan. 16-22	1	.....
Jequetepeque	Dec. 12-31	2	1	
Lima	Nov. 21-Jan. 22	34	21	
Matucana	Nov. 28-Dec. 4	2	.....
Paíta	Nov. 21-Jan. 22	69	57	
Piura	Nov. 21-Jan. 8	20	12	
San Geronimo	Dec. 19-25	11	.....
Trujillo	Nov. 21-Jan. 22	80	43	
Straits Settlements:				
Singapore	Nov. 10-16 .....	.....	2	

SMALLPOX.

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. 14	114	36	Report from Oct. 22 to Nov. 4, and from Nov. 12 to Dec. 24 not yet received.
Cairo	Dec. 15-Jan. 28	3	2	
Suez	Jan. 1-14	3	.....
Argentina:				
Rosario	Sept. 1-Oct. 31 .....	.....	4	
Austria:				
Bohemia	Jan. 19-25	3	.....
Galicja	Dec. 8-Feb. 8	25	.....
Küstenland	Dec. 8-15	1	.....
Silesia	Jan. 27-Feb. 1	2	.....	Imported.
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. 1	63	31	
Pernambuco	Oct. 16-Dec. 31 .....	.....	372	Report from Oct. 1-15 not yet received.
Rio de Janeiro	Nov. 18-Jan. 26	264	101	
Santos	Dec. 2-8 .....	.....	1	
Canada:				
British Columbia—				
Vancouver	July 1-Dec. 31	5	.....
Manitoba—				
Winnipeg	Dec. 22-Feb. 15	37	.....
New Brunswick—				
Alma	Jan. 23 .....	.....	.....	Present.
Nova Scotia—				
Halifax	Dec. 15-Feb. 8	4	.....
Ontario Province	Dec. 19 .....	.....	.....	Outbreak reported in several places.
Belleville	Dec. 17-23	4	.....
Hamilton	Jan. 1-31	13	.....
China:				
Amoy (Kulangsu)	Nov. 10-Dec. 7 .....	.....	.....	Present.
Hankow	Dec. 15-21	1	.....	Imported.
Hongkong	Nov. 10-Jan. 18	26	22	
Shanghai	Nov. 18-Jan. 26	a 35	128	
Ecuador:				
Guayaquil	Dec. 1-Jan. 25 .....	.....	26	
France:				
Brest	Dec. 30-Feb. 8	10	2	
Marseille	Dec. 1-Jan. 31 .....	.....	17	
Paris	Dec. 1-Feb. 8	74	3	

a Cases among foreigners; deaths among natives.

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

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Germany:				
General	Nov. 17-Jan. 25...	3		
Great Britain:				
Edinburgh	Jan. 12-Feb. 8.....	10	1	
Leith	Dec. 28-Feb. 8.....	23	4	
Hawaii:				
Honolulu.....	Jan. 18.....	1		From ss. Hongkong Maru.
India:				
Bombay	Dec. 4-Feb. 4.....		61	
Calcutta	Nov. 17-Jan. 18.....		29	
Madras	Dec. 14-Jan. 24.....		12	
Italy:				
General	Dec. 6-Feb. 6.....	791		
Catania	Dec. 27-Jan. 2.....		1	
Genoa	Dec. 1-Jan. 31.....	5		
Messina	Dec. 22-28.....			Present.
Naples	Feb. 2-8.....	4		
Japan.....				(Present in Hyogo, Kanagawa
Kobe	Nov. 17-Feb. 1.....	3,833	1,095	Kagawa, and Ibaraki Kens.
Nagasaki.....	Nov. 30-Jan. 23.....	9	4	Case Dec. 7 on W. H. Talbot
Osaka	Jan. 19-25.....	204	135	sailing vessel.
Tokyo	Feb. 1.....			18 cases, 4 deaths daily, esti-
Yokohama.....	Nov. 28-Feb. 3.....	166	43	mated, from Jan. 14-18.
Java:				Present.
Batavia	Nov. 10-Jan. 18.....	18	1	
Korea:				
Seoul	Jan. 1-Mar. 1.....	21		In Japanese colony.
Malta	Dec. 1-Jan. 25.....	30	2	
Manchuria:				
Dalny	Jan. 5-25.....	6		
Mexico:				
Aguascalientes.....	Dec. 9-Feb. 16.....		28	
Manzanillo.....	Dec. 1-31.....	2		
Mexico City.....	Nov. 17-Jan. 11.....		4	
Monterey.....	Dec. 23-Feb. 16.....		4	
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. Dec. 31, 19 cases in
Philippine Islands:				hospital.
Manila	Sept. 22-30.....	9		
Portugal:				
Lisbon.....	Dec. 8-Feb. 8.....	12		
Russia:				
Batoum	Nov. 14-Jan. 13.....	38		
Libau	Jan. 19-Feb. 1.....	2		
Moscow	Nov. 24-Feb. 1.....	188	61	
Odessa	do.....	29	12	
Riga	Dec. 1-Feb. 1.....	40	8	8 deaths in October received
St. Petersburg.....	Dec. 1-Jan. 4.....	62	10	out of date.
Warsaw	Oct. 13-Dec. 14.....		162	
Siberia:				
Vladivostok.....	Nov. 22-28.....	4		
Spain:				
Barcelona	Jan. 10-Feb. 10.....		4	
Cadiz	Nov. 1-Jan. 31.....		16	
Denia	Dec. 22-Feb. 8.....	31	3	
Madrid	Nov. 1-30.....		1	
Malaga	do.....		15	Report for October not yet re-
Seville.....	do.....		1	ceived.
Valencia	Dec. 2-Feb. 9.....	257	37	
Vigo.....	Dec. 30-Jan. 18.....		5	
Straits Settlements:				
Singapore	Dec. 30-Jan. 4.....		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.
Cognac	Feb. 8	19,483	13											
Colon	Feb. 9	16,000	9											
Constantinople	Feb. 2	1,000,000	299	44				6		3	1	1	1	
Do	Feb. 9	1,000,000	254	43				3		5	2	1	1	
Copenhagen	Jan. 26	440,000	180	19							1	3	4	1
Dalny	do	31,209	14											
Denia	Feb. 1	12,421	2					1						
Do	Feb. 8	12,421	2											
Dresden	Feb. 1	537,000	218	23								8		3
Dublin	do	394,525	208	37									2	2
Do	Feb. 8	394,525	182	24							2		1	1
Dundee	do	163,616	80							1	1	1	1	3
Durban	Jan. 18	60,972	12	2						1				
East London	do	49,253	23					1						
Do	Jan. 25	49,253	8											
Edinburgh	Feb. 8	350,524	148									1	1	8
Flushing	do	20,257	8											
Do	Feb. 15	20,257	4											
Fort de France	Feb. 6	27,069	17											
Funchal	Feb. 9	44,049	22											
Geneva	Jan. 25	118,500	34											
Do	Feb. 1	118,500	45											
Glasgow	Feb. 14	859,715	380											
Greenock	Feb. 8	71,793	34							3	2	3	55	9
Guayaquil	Jan. 25	70,000	83	6			5	1					3	2
Halifax	Feb. 22	40,787	21											
Hamburg	Feb. 8	854,472	276	24						1	5	3	1	2
Havre	Jan. 18	132,430	66	19								1		
Do	Feb. 1 ^a	132,430	68	15										1
Hilo	Feb. 8	16,000	2											
Honolulu	Feb. 1	39,306	25	3										
Do	Feb. 8	39,306	18	3										
Johannesburg	Jan. 11	102,078	67											
La Rochelle	Feb. 9	31,563	9							6	1			
Lausanne	Jan. 25	56,000	13											
Do	Feb. 1	56,000	8											
Leeds	Feb. 8	477,107	160	10								3	3	8
Leipzig	Feb. 1	528,184	167	21							1	2	3	4
Leith	do	84,689	133	5				1					1	6
Do	Feb. 8	84,689	48	3										
Liege	Feb. 1	172,618	54	6										
Liverpool	Feb. 8	753,203	355	38					1	5	2	3	3	14
Livingston	Feb. 18	3,500	1											
London	Feb. 8	7,323,327	2,193							4	18	26	28	51
Lübeck	Feb. 1	95,000	42	5										1
Do	Feb. 8	95,000	36	3							1			
Lyon	Feb. 1	472,114	245	42		2				2		1		
Madras	Jan. 17	509,346	419			4							1	
Do	Jan. 24	509,346	421					3					3	
Magdeburg	Feb. 1	246,799	96	10							3	7	5	
Mainz	Feb. 8	99,572	29	3										
Managua	Jan. 4	22,278	12	1								1		
Do	Jan. 11	22,278	11											
Do	Jan. 18	22,278	16											
Do	Jan. 25	22,270	12											
Do	Feb. 1	22,278	15	1										
Manaos	Jan. 25	50,000	45	3			4			5				
Do	Feb. 1	50,000	35	2			2			6				
Manchester	Feb. 8	631,583	269	21								3	10	3
Mannheim	Jan. 25	175,518	36	5									1	
Maracaibo	Jan. 6	49,517	9	3										
Do	Jan. 13	49,517	9	8										
Do	Jan. 20	49,517	13	2										
Do	Jan. 27	49,517	18	1						1				
Mayaguez	Feb. 15	35,700	20	2										
Mazatlan	Feb. 1	21,000	20											
Do	Feb. 8	21,000	15											
Messina	Jan. 25	107,000	42	6							2			
Milan	Feb. 2	900,000	219	29							4		1	
Monte Cristi	Feb. 15	1,500	1											
Monterey	Feb. 16	100,000	54	4				1		1				

^a Intervening week previously reported.

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.
Moscow	Jan. 25	1,335,104	786	104				9	6	2	15	9	6
Do	Feb. 1	1,335,104	805	104				15	4	3	13	15	5
Munich	do	556,000	200	29								1	1
Nagasaki	Jan. 26	173,118	53							1			
Nantes	Feb. 9	133,247	61	15						1			
Naples	Jan. 25	593,729	311	8									1
Do	Feb. 1	593,729	267	7									2
Do	Feb. 8	593,729	338	6									3
Newcastle-on-Tyne	do	272,969	108									2	1
Newchwang	Jan. 25	60,000	9										
Nottingham	Feb. 1	255,000	93						2				
Nuevo Laredo	Feb. 15	8,000	2	1									
Odessa	Jan. 25	455,000	186							2	3		3
Do	Feb. 1	455,000	211								2	3	2
Ottawa	do	76,260	23										
Do	Feb. 8	76,260	39										
Do	Feb. 15	76,260	33										
Paita	Jan. 25	1,500	2		1								
Do	Feb. 1	1,500	7	2									
Palermo	Jan. 25	330,000	147	7									
Do	Feb. 1	330,000	171	6									
Para	Jan. 25	185,000	93	9			13	1			2		3
Do	Feb. 1	185,000	86	3			22	2					
Do	Feb. 8	185,000	89	10			8						
Paris	Feb. 1	2,776,394	1,189	232						5	11	4	13
Do	Feb. 8	2,776,394	1,393	215						6	11	4	14
Penang	Jan. 4	100,423	79	10				1					
Do	Jan. 11	100,423	67	10									
Piræus	Feb. 1	75,000	26	3								1	
Do	Feb. 8	75,000	30	4									
Plymouth	do	116,000	44							1			1
Port Elizabeth	Jan. 25	32,959	13	3									
Port of Spain	Feb. 1	60,000	43	8			1			1			1
Prague	do	228,645	147	24						3	1	1	1
Do	Feb. 8	228,645	165	23						3			1
Pretoria	Jan. 11	36,839	12										
Progreso	Feb. 1	8,000	4										
Do	Feb. 8	8,000	4										
Queenstown	Feb. 1	7,684	1										
Do	Feb. 8	7,684	4										
Rangoon	Jan. 18	252,155	183	4	10	4							
Rio de Janeiro	Jan. 19	628,675	258	58			13					1	1
Do	Jan. 26	628,675	267	68			14			1	1	2	1
Rotterdam	Feb. 8	403,346	165							1	3	1	
Do	Feb. 15	403,346	140								3		
St. John, N. B.	Feb. 22	40,789	15	3									
St. Stephen, N. B.	do	2,840	3										
Samana	Jan. 11	3,500	2										
Do	Jan. 18	3,500	1										
Do	Jan. 25	3,500	2	1									
Do	Feb. 1	3,500	2										
Do	Feb. 8	3,500	1										
San Feliu de Guixols	do	11,094	2										
Santa Cruz de Tenerife	Feb. 1	46,000	12	3									
Santander	Feb. 9	52,574	42										
Schiedam	Feb. 8	30,892	9	2									
Shanghai	Jan. 19	544,500	154	9			14				1	3	
Singapore	Jan. 18	258,324	164	42						1			
Southampton	Feb. 8	112,196	46	3						1			
South Shields	do	115,535	54	4									
Stettin	do	255,000	85	5								2	2
Stockholm	Feb. 18	332,738	133	25							1	10	
Suez	Jan. 7	19,786	12									1	
Do	Jan. 14	19,786	12										
Do	Jan. 21	19,786	18										
Do	Jan. 28	19,786	7										
Tarragona	Feb. 8	20,400	12	1									1
Tegucigalpa	Feb. 4	24,000	7										
Do	Feb. 11	24,000	6										
Turin	Jan. 26	373,701	126	13						1			1
Valencia	Feb. 9	250,000	105	11				2		1			
Venice	Dec. 28	171,398	90									1	1
Do	Jan. 4	174,398	74	10								3	
Do	Jan. 11	174,398	80	3						1	2		3

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.
Venice.....	Jan. 18	174,398	75	6									
Do	Jan. 25	174,398	100	6								2	4
Veracruz.....	Feb. 8	32,000	43	7									1
Vevey	Jan. 25	14,000	1										2
Do	Feb. 1	14,000	5										
Victoria, B. C.....	Feb. 15	25,000	9	1									
Vienna	Feb. 1	1,999,912	940	123					3	6	6	8	1
Vigo	do	36,000	13						1				
Do	Feb. 8	36,000	7	2									
Warsaw	Nov. 23	764,611	326	64				15	5	10	4	1	6
Do	Nov. 30	764,611	279	28				26	1	12	3	1	3
Do	Dec. 7	764,611	280	48				13	3	11	3	1	4
Do	Dec. 14	764,611	274	55				21	4	6	4	3	7
Winnipeg.....	Feb. 8	111,000	43										
Do	Feb. 15	111,000	19								1		

By authority of the Secretary of the Treasury:

WALTER WYMAN,

Surgeon-General,

United States Public Health and Marine-Hospital Service.