

# PUBLIC HEALTH REPORTS.

## UNITED STATES.

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

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

Passed Assistant Surgeon Blue reports:

### SAN FRANCISCO, CAL.

Date of last case of human plague: Sickened, January 30, 1908.  
Date of last case of rodent plague: October 23, 1908.

*Week ended February 27, 1909.*

|                                                    |       |
|----------------------------------------------------|-------|
| Sick inspected.....                                | 3     |
| Plague.....                                        | 0     |
| Dead inspected.....                                | 139   |
| Plague.....                                        | 0     |
| Premises inspected.....                            | 1,948 |
| Houses disinfected.....                            | 6     |
| Nuisances abated.....                              | 262   |
|                                                    | <hr/> |
| Rats found dead.....                               | 35    |
| Rats trapped.....                                  | 1,971 |
|                                                    | <hr/> |
| Total rats taken.....                              | 2,006 |
|                                                    | <hr/> |
| Rats identified:                                   |       |
| Mus norvegicus.....                                | 1,255 |
| Mus rattus.....                                    | 32    |
| Mus musculus.....                                  | 712   |
|                                                    | <hr/> |
| Total.....                                         | 1,999 |
|                                                    | <hr/> |
| Rats identified as to sex.....                     | 1,259 |
| Male.....                                          | 571   |
| Female.....                                        | 688   |
| Rats examined bacteriologically.....               | 1,121 |
| Plague rats.....                                   | 0     |
| Squirrels caught ( <i>Citellus beecheyi</i> )..... | 4     |
| Squirrels examined bacteriologically.....          | 4     |
| Plague squirrels.....                              | 0     |
| Poisons placed.....                                | 7,901 |

## OAKLAND, CAL.

Date of last case of human plague: Sickened, July 17, 1908.

Date of last case of rodent plague: Trapped, December 1, 1908.

*Week ended February 20, 1909.*

|                                      |        |
|--------------------------------------|--------|
| Dead inspected.....                  | 33     |
| Plague.....                          | 0      |
| Premises inspected.....              | 837    |
| Premises cleaned.....                | 245    |
| Places made rat proof.....           | 2      |
| Garbage cans installed.....          | 197    |
| Nuisances abated.....                | 188    |
| <hr/>                                |        |
| Rats found dead.....                 | 65     |
| Rats trapped.....                    | 543    |
| <hr/>                                |        |
| Total rats taken.....                | 608    |
| <hr/>                                |        |
| Mice trapped.....                    | 54     |
| <hr/>                                |        |
| Rats identified:                     |        |
| Mus norvegicus.....                  | 605    |
| Mus rattus.....                      | 3      |
| Mus musculus.....                    | 54     |
| <hr/>                                |        |
| Total.....                           | 662    |
| <hr/>                                |        |
| Rats examined bacteriologically..... | 582    |
| Plague rats.....                     | 0      |
| Mice examined bacteriologically..... | 54     |
| Plague mice.....                     | 0      |
| Poisons placed.....                  | 22,465 |

## POINT RICHMOND, CAL.

*Week ended February 20.*

|                                      |        |
|--------------------------------------|--------|
| Sick inspected.....                  | 3      |
| Plague.....                          | 0      |
| Dead inspected.....                  | 3      |
| Plague.....                          | 0      |
| Premises inspected.....              | 490    |
| Nuisance abated.....                 | 21     |
| Rats found dead.....                 | 13     |
| Rats trapped.....                    | 18     |
| Rats examined bacteriologically..... | 19     |
| Plague rats.....                     | 0      |
| Poisons placed.....                  | 14,000 |

## ALAMEDA COUNTY, CAL.

*Week ended February 20.*

|                     |    |
|---------------------|----|
| Sick inspected..... | 3  |
| Plague.....         | 0  |
| Dead inspected..... | 61 |
| Plague.....         | 0  |

## CONTRA COSTA COUNTY, CAL.

*Week ended February 20.*

|                                                  |    |
|--------------------------------------------------|----|
| Dead inspected.....                              | 1  |
| Plague.....                                      | 0  |
| Ground squirrels trapped.....                    | 15 |
| Ground squirrels examined bacteriologically..... | 15 |
| Plague ground squirrels.....                     | 0  |
| Rabbits trapped.....                             | 1  |
| Rabbits examined bacteriologically.....          | 1  |
| Plague rabbits.....                              | 0  |
| Ranches inspected.....                           | 42 |
| Ranches poisoning squirrels.....                 | 39 |
| Ranches found free of squirrels.....             | 3  |

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

Passed Assistant Surgeon Stimson, plague laboratory, reports, February 26:

Animals examined in the laboratory in this city from February 15 to 21, inclusive:

|                       |     |
|-----------------------|-----|
| Ground squirrels..... | 55  |
| Gray rats.....        | 432 |
| Black rats.....       | 31  |
| White rats.....       | 6   |

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

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

Passed Assistant Surgeon Glover reports, February 23:

## SEATTLE, WASH.

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

*Week ended February 20, 1909.*

|                                   |     |
|-----------------------------------|-----|
| Plague-infected rats to date..... | 21  |
| Rats received.....                | 772 |
| Rats necropsied.....              | 726 |
| Plague rats.....                  | 0   |
| Vessels inspected.....            | 14  |
| Vessels fumigated.....            | 2   |

*Report from New York, N. Y.—Beriberi on ship King George.*

Surgeon Bailhache reports, March 1:

The captain and 6 of the crew of the ship *King George* were admitted to this hospital February 28 suffering with beriberi and are in a very serious condition. The ship has been 134 days at sea and lost 1 man, who was suffering with the same disease, en route to this port.

The ship *King George* left Hongkong October 16.

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

**CALIFORNIA.**—Month of January, 1909. Estimated population, 2,037,929. Total number of deaths reported to the state board of health, 2,622, including diphtheria 28, enteric fever 34, measles 6, scarlet fever 6, whooping cough 10, smallpox 1, and 407 from tuberculosis.

*Oakland.*—Month of January, 1909. Estimated population, 220,000. Total number of deaths, 151, including diphtheria 3, enteric fever 1, and 16 from tuberculosis. Cases: Diphtheria 16, enteric fever 2, scarlet fever 18, smallpox 4, and tuberculosis 5.

**CONNECTICUT**—*Bridgeport.*—Month of January, 1909. Estimated population, 100,000. Total number of deaths, 114, including measles 1, and 12 from tuberculosis. Cases: Diphtheria 11, enteric fever 3, scarlet fever 18, measles 25, and pulmonary tuberculosis 8.

*Stamford.*—Month of February, 1909. Estimated population, 22,000. Number of deaths not reported. Cases: Diphtheria 6, measles 174, whooping cough 1, scarlet fever 5, and tuberculosis 3.

**ILLINOIS**—*Chicago.*—Annual report for the year 1908. Estimated population 2,166,055. Total number of deaths, 30,548, including diphtheria 568, scarlet fever 398, measles 174, whooping cough 140, enteric fever 338, and 3,934 from tuberculosis. Cases: Diphtheria 5,439, scarlet fever 3,305, smallpox 77, measles 6,691, enteric fever 3,228, whooping cough 1,135, and tuberculosis 2,577. Deaths for the year correspond to an annual death rate of 14.10 per 1,000 of population.

**INDIANA**—*Muncie.*—Month of February, 1909. Estimated population, 23,118. Total number of deaths, 21, including 4 from tuberculosis. Cases: Measles 5, scarlet fever 5, enteric fever 1, and tuberculosis 2.

**IOWA**—*Davenport.*—Month of February, 1909. Estimated population, 42,000. Total number of deaths, 6, including enteric fever 1, and 4 from tuberculosis. Cases: Enteric fever 2, scarlet fever 7, diphtheria 8, measles 19, whooping cough 1, and tuberculosis 6.

*Keokuk.*—Month of January, 1909. Estimated population, 16,000. Total number of deaths, 23, including 3 from tuberculosis. Cases: scarlet fever 3, measles 1, and tuberculosis 1.

**KENTUCKY**—*Henderson.*—Month of February, 1909. Estimated population, 17,900. Total number of deaths, 17, including whooping cough 1, and 5 from tuberculosis. Cases: Enteric fever 4, scarlet fever 1, whooping cough 1, and tuberculosis 5.

**MISSOURI**—*St. Louis.*—Month of December, 1908. Estimated population, 722,200 (white, 675,700; colored, 46,500). Total number of deaths, 840 (white, 760; colored, 80), including diphtheria 20, measles 2, enteric fever 10, scarlet fever 5, whooping cough 1, and 88 from

pulmonary tuberculosis. Cases of contagious diseases reported: Diphtheria 304, enteric fever 27, measles 155, scarlet fever 117, whooping cough 16, smallpox 2, and tuberculosis 176.

NEW HAMPSHIRE—*Concord*.—Month of February, 1909. Estimated population, 20,000. Total number of deaths, 37, including 4 from tuberculosis. Cases: Diphtheria 1, scarlet fever 1, measles 3, and tuberculosis 4.

NEW JERSEY.—Reports to the state board of health for the month of February, 1909, show a total of 3,277 deaths, including diphtheria 60, enteric fever 25, measles 36, scarlet fever 39, whooping cough 18, and 355 from tuberculosis.

NEW YORK—*New York, including the boroughs of Manhattan, The Bronx, Brooklyn, Queens, and Richmond*.—Annual report for the year 1908. Estimated population, 4,422,685. Total number of deaths, 73,072, including enteric fever 536, smallpox 1, measles 972, scarlet fever 1,333, whooping cough 188, diphtheria 1,758, and 10,157 from tuberculosis. Cases: Diphtheria 16,431, measles 38,276, scarlet fever 24,426, enteric fever 3,058, smallpox 17, and tuberculosis 23,325. The total number of deaths correspond to an average annual death rate of 16.52 per 1,000 of population.

Troy.—Month of January, 1909. Estimated population, 77,650. Total number of deaths, 131, including whooping cough 1, enteric fever 3, and 23 from tuberculosis. Cases: Enteric fever 5, diphtheria 5, scarlet fever 15, whooping cough 7, measles 2, and tuberculosis 17.

OHIO—*Zanesville*.—Month of February, 1909. Estimated population, 30,000. Total number of deaths, 33, including enteric fever 1, and 3 from tuberculosis. Cases: Enteric fever 3, scarlet fever 3, and diphtheria 1.

PENNSYLVANIA—*Altoona*.—Month of February, 1909. Estimated population, 60,000. Total number of deaths, 45, including scarlet fever 1, diphtheria 1, and 1 from tuberculosis. Cases: Diphtheria 6 and scarlet fever 20.

TENNESSEE—*Memphis*.—Month of January, 1909. Estimated population, 102,320. Total number of deaths not reported, including enteric fever 2, scarlet fever 1, diphtheria 1, and 22 from tuberculosis. Cases: Smallpox 61, scarlet fever 23, and diphtheria 30.

TEXAS—*Houston*.—Annual report for the year 1908. Estimated population 80,000. Total number of deaths 941, including enteric fever 32, smallpox 1, measles 2, whooping cough 5, diphtheria 16, and 117 from tuberculosis. Cases: Smallpox 63, diphtheria 76, scarlet fever 12.

Month of January, 1909. Total number of deaths 94, including enteric fever 3, diphtheria 5, and 11 from tuberculosis. Cases: Diphtheria 12, scarlet fever 3, and smallpox 3.

*Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, December 26, 1908, to March 12, 1909.*

For reports received from June 26, 1908, to December 25, 1908, see PUBLIC HEALTH REPORTS for December 25, 1908.

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

| Place.                           | Date.                 | Cases.    | Deaths. | Remarks.                                        |
|----------------------------------|-----------------------|-----------|---------|-------------------------------------------------|
| <b>Alabama:</b>                  |                       |           |         |                                                 |
| Mobile .....                     | Jan. 12-Feb. 6 .....  | 7 .....   | .....   | Year 1908.                                      |
| Tuscaloosa County .....          | Feb. 6-Dec. 31 .....  | 86 .....  | .....   |                                                 |
| Total for State .....            | .....                 | 93 .....  | .....   |                                                 |
| <b>Arkansas:</b>                 |                       |           |         |                                                 |
| Little Rock .....                | Dec. 15-Jan. 2 .....  | 23 .....  | .....   |                                                 |
| Magnolia .....                   | Jan. 5-13 .....       | 25 .....  | .....   |                                                 |
| Texarkana .....                  | Nov. 26-Jan. 11 ..... | 10 .....  | .....   |                                                 |
| Total for State .....            | .....                 | 58 .....  | .....   |                                                 |
| <b>California, general</b> ..... | Nov. 1-Dec. 31 .....  | .....     | 3 ..... |                                                 |
| Los Angeles .....                | Dec. 6-Feb. 20 .....  | 16 .....  | .....   |                                                 |
| Oakland .....                    | Nov. 1-Jan. 31 .....  | 10 .....  | .....   |                                                 |
| Sacramento .....                 | Nov. 1-Dec. 31 .....  | 24 .....  | .....   |                                                 |
| San Francisco .....              | Dec. 13-Feb. 20 ..... | 21 .....  | .....   |                                                 |
| Stockton .....                   | Nov. 1-30 .....       | 12 .....  | .....   |                                                 |
| Total for State .....            | .....                 | 83 .....  | 3 ..... |                                                 |
| <b>Colorado, general</b> .....   | July 1-Feb. 23 .....  | 109 ..... | .....   |                                                 |
| <b>District of Columbia:</b>     |                       |           |         |                                                 |
| Washington .....                 | Dec. 28-Feb. 27 ..... | 7 .....   | .....   |                                                 |
| Total for District .....         | .....                 | 7 .....   | .....   |                                                 |
| <b>Georgia:</b>                  |                       |           |         |                                                 |
| Cobb County .....                | Jan. 16-Feb. 7 .....  | 8 .....   | .....   |                                                 |
| Paulding County .....            | Jan. 16-Feb. 7 .....  | 15 .....  | .....   |                                                 |
| Total for State .....            | .....                 | 23 .....  | .....   |                                                 |
| <b>Illinois:</b>                 |                       |           |         |                                                 |
| Alexander County—                |                       |           |         |                                                 |
| Cairo .....                      | Jan. 7-Feb. 27 .....  | 211 ..... | .....   |                                                 |
| Thebes .....                     | Jan. 1-31 .....       | 2 .....   | .....   |                                                 |
| Bureau County—                   |                       |           |         |                                                 |
| Ladd .....                       | Nov. 1-30 .....       | 4 .....   | .....   |                                                 |
| Christian County—                |                       |           |         |                                                 |
| Taylorville .....                | Aug. 1-Jan. 20 .....  | 40 .....  | .....   |                                                 |
| Clinton County—                  |                       |           |         |                                                 |
| Carlyle .....                    | Jan. 1-31 .....       | 1 .....   | .....   |                                                 |
| Coles County—                    |                       |           |         |                                                 |
| Charleston .....                 | Jan. 1-30 .....       | 1 .....   | .....   |                                                 |
| Cook County—                     |                       |           |         |                                                 |
| Chicago .....                    | Jan. 3-Mar. 6 .....   | 7 .....   | .....   |                                                 |
| Franklin County—                 |                       |           |         |                                                 |
| West Frankfort .....             | Dec. 12-Feb. 13 ..... | 15 .....  | .....   |                                                 |
| Fulton County—                   |                       |           |         |                                                 |
| Canton .....                     | Jan. 1-31 .....       | 38 .....  | .....   |                                                 |
| Cuba .....                       | Jan. 1-31 .....       | 1 .....   | .....   |                                                 |
| Lewiston .....                   | Jan. 1-31 .....       | 6 .....   | .....   |                                                 |
| Jackson County—                  |                       |           |         |                                                 |
| Murphrysboro .....               | Jan. 1-31 .....       | 45 .....  | 1 ..... | Present in Smallwood and South Muddy townships. |
| Jasper County .....              | Jan. 1-31 .....       | .....     | .....   |                                                 |
| Newton .....                     | Jan. 1-31 .....       | 1 .....   | .....   |                                                 |
| Jo Daviess County—               |                       |           |         |                                                 |
| Galena .....                     | Jan. 1-31 .....       | 3 .....   | .....   |                                                 |
| Kane County—                     |                       |           |         |                                                 |
| St. Charles .....                | Jan. 1-31 .....       | 1 .....   | .....   |                                                 |
| Kankakee County—                 |                       |           |         |                                                 |
| Grant Park .....                 | Jan. 1-31 .....       | 1 .....   | .....   |                                                 |
| Knox County—                     |                       |           |         |                                                 |
| Galesburg .....                  | Feb. 14-27 .....      | 2 .....   | .....   |                                                 |
| Lake County—                     |                       |           |         |                                                 |
| Waukegan .....                   | Feb. 2-20 .....       | 3 .....   | .....   |                                                 |
| McLean County—                   |                       |           |         |                                                 |
| Bloomington .....                | Jan. 1-31 .....       | 5 .....   | .....   |                                                 |
| Macon County—                    |                       |           |         |                                                 |
| Decatur .....                    | Jan. 1-31 .....       | 8 .....   | .....   |                                                 |
| Macoupin County—                 |                       |           |         |                                                 |
| Palmyra .....                    | Dec. 25-Jan. 20 ..... | 4 .....   | .....   |                                                 |
| Scottsville .....                | Dec. 25-Jan. 20 ..... | 12 .....  | .....   |                                                 |

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

| Place.                     | Date.                 | Cases. | Deaths. | Remarks.                                                         |
|----------------------------|-----------------------|--------|---------|------------------------------------------------------------------|
| <b>Illinois—Continued.</b> |                       |        |         |                                                                  |
| Marion County—             |                       |        |         |                                                                  |
| Centralia.....             | July 1-Jan. 20 .....  | 53     | .....   |                                                                  |
| Odin.....                  | Jan. 1-31 .....       | 1      | .....   |                                                                  |
| Sandoval.....              | Jan. 1-31 .....       | 1      | .....   |                                                                  |
| Mason County.....          | Jan. 1-31 .....       | .....  | .....   | Present in Havana and Quiver townships.                          |
| Massac County—             |                       |        |         |                                                                  |
| Metropolis.....            | Jan. 1-31 .....       | 1      | .....   |                                                                  |
| Mercer County.....         | Jan. 1-31 .....       | 1      | .....   | In North Henderson town-ship.                                    |
| Montgomery County.....     | Jan. 1-31 .....       | 8      | .....   | Present in Farmersville and in Bois d'Arc and Pitman town-ships. |
| Morgan County—             |                       |        |         |                                                                  |
| Jacksonville.....          | Feb. 5-11.....        | 1      | .....   |                                                                  |
| Peoria County—             |                       |        |         |                                                                  |
| Peoria.....                | Dec. 20-Feb. 3 .....  | 7      | .....   | Present in Glasford and in Tim-ber and Trivoli townships.        |
| Pulaski County.....        | Jan. 1-31 .....       | .....  | .....   | Present in Pulaski.                                              |
| Mounds.....                | Jan. 1-31 .....       | 3      | .....   |                                                                  |
| Mound City.....            | Jan. 1-31 .....       | 7      | .....   |                                                                  |
| Randolph County—           |                       |        |         |                                                                  |
| Percy.....                 | Jan. 1-31 .....       | 1      | .....   |                                                                  |
| St. Clair County—          |                       |        |         |                                                                  |
| Belleville.....            | Dec. 4-20.....        | 3      | .....   | Present in January.                                              |
| Mascoutah.....             | Jan. 1-31 .....       | 1      | .....   |                                                                  |
| Millstadt.....             | .....                 | 1      | .....   |                                                                  |
| Saline County—             |                       |        |         |                                                                  |
| Eldorado.....              | Jan. 1-31 .....       | 1      | .....   |                                                                  |
| Sangamon County—           |                       |        |         |                                                                  |
| Pawnee.....                | Jan. 1-31 .....       | 2      | .....   |                                                                  |
| Schuyler County—           |                       |        |         |                                                                  |
| Browning.....              | Oct. 12-Jan. 20 ..... | 75     | .....   |                                                                  |
| Tazewell County.....       | Jan. 1-31 .....       | .....  | .....   | Present in Elm Grove township.                                   |
| Pekin.....                 | Jan. 1-31 .....       | 28     | .....   |                                                                  |
| Vermilion County—          |                       |        |         |                                                                  |
| Danville.....              | Jan. 11-Feb. 28.....  | 7      | .....   |                                                                  |
| Williamson County—         |                       |        |         |                                                                  |
| Carterville.....           | Jan. 1-31 .....       | 2      | .....   |                                                                  |
| Johnston City.....         | Jan. 1-31 .....       | 1      | .....   |                                                                  |
| Marion.....                | Jan. 1-31 .....       | 6      | .....   |                                                                  |
| Total for State.....       | .....                 | 622    | 1       |                                                                  |
| <b>Indiana:</b>            |                       |        |         |                                                                  |
| Allen County.....          | Dec. 1-31.....        | 1      | .....   |                                                                  |
| Fort Wayne.....            | Jan. 10-Feb. 6 .....  | 4      | .....   |                                                                  |
| Bartholomew County.....    | Dec. 1-31.....        | 1      | .....   |                                                                  |
| Benton County.....         | Nov. 1-Dec. 31 .....  | 4      | .....   |                                                                  |
| Boone County.....          | Nov. 1-Dec. 31 .....  | 2      | .....   |                                                                  |
| Carroll County.....        | Oct. 1-31 .....       | 26     | .....   |                                                                  |
| Clay County.....           | Oct. 1-31 .....       | 8      | .....   |                                                                  |
| Dearborn County.....       | Oct. 1-31 .....       | 1      | .....   |                                                                  |
| Delaware County.....       | Dec. 1-31.....        | 52     | .....   |                                                                  |
| Elkhart County.....        | Oct. 1-Nov. 30.....   | 7      | .....   |                                                                  |
| Elkhart.....               | Jan. 17-Feb. 20.....  | 6      | .....   |                                                                  |
| Franklin County.....       | Dec. 1-31.....        | 1      | .....   |                                                                  |
| Gibson County.....         | Dec. 1-31.....        | 1      | .....   |                                                                  |
| Grant County.....          | Dec. 1-31.....        | 2      | .....   |                                                                  |
| Union.....                 | Feb. 6.....           | 5      | .....   |                                                                  |
| Hamilton County.....       | Dec. 1-31.....        | 1      | .....   |                                                                  |
| Harrison County.....       | Dec. 1-31.....        | 1      | .....   |                                                                  |
| Hendricks County.....      | Nov. 1-Dec. 31 .....  | 5      | .....   |                                                                  |
| Hendricks County.....      | Oct. 1-31 .....       | 1      | .....   |                                                                  |
| Madison County.....        | Dec. 1-31.....        | 1      | .....   |                                                                  |
| Anderson.....              | Dec. 1-31.....        | 1      | .....   |                                                                  |
| Marion County.....         | Dec. 1-31.....        | 1      | .....   |                                                                  |
| Indianapolis.....          | Jan. 18-Feb. 28.....  | 5      | .....   |                                                                  |
| Miami County.....          | Dec. 1-31.....        | 1      | .....   |                                                                  |
| Rush County.....           | Dec. 1-31.....        | 24     | .....   |                                                                  |
| Shelby County.....         | Dec. 1-31.....        | 1      | .....   |                                                                  |
| Spencer County.....        | Dec. 1-31.....        | 1      | .....   |                                                                  |
| St. Joseph County.....     | Dec. 1-31.....        | 12     | .....   |                                                                  |
| Sullivan County.....       | Oct. 1-31.....        | 2      | .....   |                                                                  |
| Tippecanoe County.....     | Oct. 1-Dec. 31 .....  | 77     | .....   |                                                                  |
| Lafayette.....             | Dec. 15-Mar. 1 .....  | 53     | 1       |                                                                  |
| Tipton County.....         | Nov. 1-Dec. 31 .....  | 2      | .....   |                                                                  |
| Vanderburg County—         |                       |        |         |                                                                  |
| Evansville.....            | Jan. 10-Feb. 20.....  | 10     | .....   |                                                                  |
| Vigo County.....           | Oct. 1-Dec. 31 .....  | 7      | .....   |                                                                  |
| Wabash County.....         | Nov. 1-Dec. 31 .....  | 4      | .....   |                                                                  |
| Warren County.....         | Dec. 1-31.....        | 7      | .....   |                                                                  |
| Wayne County.....          | Nov. 1-30.....        | 8      | .....   |                                                                  |
| Total for State.....       | .....                 | 345    | 1       |                                                                  |

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

| Place.                               | Date.                 | Cases. | Deaths. | Remarks.                                              |
|--------------------------------------|-----------------------|--------|---------|-------------------------------------------------------|
| <b>Iowa, general</b> .....           | July 1-Sept. 30 ..... | .....  | 2       |                                                       |
| Burlington .....                     | Jan. 1-31 .....       | 1      | .....   |                                                       |
| Council Bluffs .....                 | July 1-Feb. 28 .....  | 32     | 2       |                                                       |
| Dubuque .....                        | Oct. 1-Jan. 31 .....  | 87     | 1       |                                                       |
| <b>Total for State</b> .....         | .....                 | 120    | 5       |                                                       |
| <b>Kansas:</b>                       |                       |        |         |                                                       |
| <b>Atchison County—</b>              |                       |        |         |                                                       |
| Atchison .....                       | Dec. 20-Jan. 16 ..... | 2      | .....   |                                                       |
| <b>Barton County</b> .....           | Nov. 1-30 .....       | 7      | .....   |                                                       |
| <b>Bourbon County</b> .....          | Nov. 1-30 .....       | 1      | .....   |                                                       |
| <b>Brown County</b> .....            | Nov. 1-Dec. 31 .....  | 45     | .....   |                                                       |
| <b>Crawford County—</b>              |                       |        |         |                                                       |
| Pittsburg .....                      | Nov. 1-Dec. 31 .....  | 107    | .....   |                                                       |
| <b>Franklin County</b> .....         | Dec. 1-31 .....       | 1      | .....   |                                                       |
| <b>Harvey County</b> .....           | Nov. 1-Dec. 31 .....  | 4      | .....   |                                                       |
| <b>Jackson County</b> .....          | Nov. 1-Dec. 31 .....  | 95     | .....   |                                                       |
| <b>Jefferson County</b> .....        | Dec. 1-31 .....       | 2      | .....   |                                                       |
| <b>Jewell County</b> .....           | Dec. 1-31 .....       | 2      | .....   |                                                       |
| <b>Montgomery County</b> .....       | Nov. 1-Dec. 31 .....  | 18     | .....   |                                                       |
| <b>Nemaha County</b> .....           | Dec. 1-31 .....       | 2      | .....   |                                                       |
| <b>Phillips County</b> .....         | Dec. 1-31 .....       | 2      | .....   |                                                       |
| <b>Pottawatomie County</b> .....     | Nov. 1-Dec. 31 .....  | 36     | .....   |                                                       |
| <b>Pratt County</b> .....            | Dec. 1-31 .....       | 20     | .....   |                                                       |
| <b>Reno County</b> .....             | Nov. 1-Dec. 31 .....  | 3      | .....   |                                                       |
| <b>Riley County</b> .....            | Nov. 1-30 .....       | 2      | .....   |                                                       |
| <b>Saline County</b> .....           | Nov. 1-Dec. 31 .....  | 31     | .....   |                                                       |
| <b>Shawnee County</b> .....          | Nov. 1-Dec. 31 .....  | 6      | .....   |                                                       |
| Topeka .....                         | June 7-Feb. 20 .....  | 71     | .....   |                                                       |
| <b>Sheridan County</b> .....         | Dec. 1-31 .....       | 9      | .....   |                                                       |
| <b>Stafford County</b> .....         | Dec. 1-31 .....       | 1      | .....   |                                                       |
| <b>Sumner County</b> .....           | Nov. 1-Dec. 31 .....  | 7      | .....   |                                                       |
| <b>Wilson County</b> .....           | Nov. 1-30 .....       | 5      | .....   |                                                       |
| <b>Wyandotte County—</b>             |                       |        |         |                                                       |
| Kansas City .....                    | Jan. 3-Feb. 27 .....  | 17     | .....   |                                                       |
| <b>Total for State</b> .....         | .....                 | 496    | .....   |                                                       |
| <b>Kentucky:</b>                     |                       |        |         |                                                       |
| <b>Anderson County</b> .....         | Oct. 1-Jan. 20 .....  | 200    | 1       | Including Lawrenceburg.                               |
| <b>Covington</b> .....               | Dec. 29-Mar. 6 .....  | 15     | .....   | Jan. 1-June 30, 1908.                                 |
| <b>Henderson</b> .....               | .....                 | 7      | .....   |                                                       |
| <b>Lexington</b> .....               | Dec. 28-Feb. 27 ..... | 37     | .....   |                                                       |
| <b>Newport</b> .....                 | July 1-Jan. 31 .....  | 20     | 1       | Jan. 1-June 30, 1908, 16 cases, 1 death.              |
| <b>Paducah</b> .....                 | Jan. 24-Feb. 27 ..... | 38     | .....   |                                                       |
| <b>Total for State</b> .....         | .....                 | 317    | 2       |                                                       |
| <b>Louisiana:</b>                    |                       |        |         |                                                       |
| <b>Arcadia Parish</b> .....          | Dec. 20-Jan. 11 ..... | 30     | .....   | Including Bienville, Liberty Hill, and Mount Lebanon. |
| <b>New Orleans</b> .....             | Dec. 20-Feb. 27 ..... | 22     | .....   |                                                       |
| <b>Shreveport</b> .....              | Jan. 1-20 .....       | 32     | 1       |                                                       |
| <b>Total for State</b> .....         | .....                 | 84     | 1       |                                                       |
| <b>Maine:</b>                        |                       |        |         |                                                       |
| <b>Cyr plantation</b> .....          | Oct. 16-24 .....      | 11     | .....   |                                                       |
| <b>Frenchville</b> .....             | Nov. 11-Dec. 5 .....  | 2      | .....   |                                                       |
| <b>Grand Isle (Grant Isle)</b> ..... | Oct. 16-Dec. 12 ..... | 26     | .....   |                                                       |
| <b>St. Agatha</b> .....              | Oct. 24-Dec. 26 ..... | 9      | .....   |                                                       |
| <b>St. David</b> .....               | Dec. 13-19 .....      | 1      | .....   |                                                       |
| <b>Upper Frenchville</b> .....       | Oct. 25-Nov. 11 ..... | 2      | .....   |                                                       |
| <b>Van Buren</b> .....               | Oct. 18-Feb. 6 .....  | 94     | .....   |                                                       |
| <b>Total for State</b> .....         | .....                 | 145    | .....   |                                                       |
| <b>Maryland:</b>                     |                       |        |         |                                                       |
| <b>Baltimore</b> .....               | Jan. 30-Feb. 6 .....  | 1      | .....   |                                                       |
| <b>Total for State</b> .....         | .....                 | 1      | .....   |                                                       |
| <b>Massachusetts:</b>                |                       |        |         |                                                       |
| <b>New Bedford</b> .....             | Jan. 30-Feb. 27 ..... | 2      | .....   |                                                       |
| <b>Taunton</b> .....                 | Jan. 3-9 .....        | 1      | .....   |                                                       |
| <b>Total for State</b> .....         | .....                 | 3      | .....   |                                                       |
| <b>Michigan:</b>                     |                       |        |         |                                                       |
| <b>Barry County</b> .....            | Nov. 1-Dec. 31 .....  | 5      | .....   |                                                       |
| <b>Cheboygan County</b> .....        | Dec. 1-31 .....       | 4      | .....   |                                                       |

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

| Place.                      | Date.                | Cases. | Deaths. | Remarks. |
|-----------------------------|----------------------|--------|---------|----------|
| <b>Michigan—Continued.</b>  |                      |        |         |          |
| Delta County.....           | Nov. 1-30.....       | 1      | .....   |          |
| Eaton County.....           | Dec. 1-31.....       | 1      | .....   |          |
| Ingham County—              |                      |        |         |          |
| Lansing.....                | Nov. 1-Dec. 31.....  | 11     | .....   |          |
| Ionia County.....           | Dec. 1-31.....       | 2      | .....   |          |
| Kalamazoo County.....       | Dec. 1-31.....       | 3      | .....   |          |
| Kent County—                |                      |        |         |          |
| Grand Rapids.....           | Jan. 24-Feb. 20..... | 2      | .....   |          |
| Lapeer County.....          | Dec. 1-31.....       | 2      | .....   |          |
| Macomb County.....          | Nov. 1-30.....       | 1      | .....   |          |
| Manistee County.....        | Nov. 1-30.....       | 2      | .....   |          |
| Menominee County.....       | Dec. 1-31.....       | 1      | .....   |          |
| Muskegon County.....        | Nov. 1-Dec. 31.....  | 19     | .....   |          |
| Saginaw County—             |                      |        |         |          |
| Saginaw.....                | Jan. 16-Feb. 20..... | 4      | .....   |          |
| St. Clair County.....       | Nov. 1-Dec. 31.....  | 2      | .....   |          |
| Port Huron.....             | Nov. 1-Dec. 5.....   | 3      | .....   |          |
| Wayne County—               |                      |        |         |          |
| Detroit.....                | Jan. 10-Feb. 27..... | 5      | .....   |          |
| Wexford County.....         | Dec. 1-31.....       | 2      | .....   |          |
| Total for State.....        |                      | 70     | .....   |          |
| <b>Minnesota:</b>           |                      |        |         |          |
| Becker County.....          | Dec. 7-13.....       | 1      | .....   |          |
| Benton County.....          | Oct. 26-Nov. 2.....  | 1      | .....   |          |
| Brown County.....           | Oct. 20-Nov. 23..... | 11     | .....   |          |
| Carver County.....          | Dec. 7-13.....       | 6      | .....   |          |
| Cass County.....            | Oct. 12-Dec. 7.....  | 1      | .....   |          |
| Chippewa County.....        | Nov. 3-9.....        | 1      | .....   |          |
| Cottonwood County.....      | Oct. 20-26.....      | 1      | .....   |          |
| Dodge County.....           | Nov. 24-Dec. 7.....  | 2      | .....   |          |
| Faribault County.....       | Dec. 7-13.....       | 1      | .....   |          |
| Hennepin County.....        | Oct. 6-12.....       | 1      | .....   |          |
| Minneapolis.....            | Nov. 1-Jan. 31.....  | 43     | .....   |          |
| Hubbard County.....         | Oct. 19-Dec. 7.....  | 11     | .....   |          |
| Jackson County.....         | Dec. 7-13.....       | 1      | .....   |          |
| Lac qui Parle County.....   | Nov. 2-Dec. 13.....  | 3      | .....   |          |
| Lyon County.....            | Nov. 16-Dec. 13..... | 2      | .....   |          |
| Morrison County.....        | Nov. 20-Dec. 13..... | 20     | .....   |          |
| Nicolett County.....        | Nov. 16-Dec. 13..... | 3      | .....   |          |
| Norman County.....          | Dec. 7-13.....       | 5      | .....   |          |
| Pipestone County.....       | Dec. 7-13.....       | 6      | .....   |          |
| Ramsey County.....          | Nov. 16-Dec. 7.....  | 2      | .....   |          |
| St. Paul.....               | Oct. 6-Dec. 13.....  | 57     | .....   |          |
| Renville County.....        | Dec. 1-7.....        | 1      | .....   |          |
| St. Louis County.....       |                      |        |         |          |
| Duluth.....                 | Nov. 9-Jan. 22.....  | 3      | .....   |          |
| Sibley County.....          | Dec. 7-13.....       | 9      | .....   |          |
| Stearns County.....         | Nov. 9-Dec. 7.....   | 4      | .....   |          |
| Steele County.....          | Oct. 20-Dec. 7.....  | 4      | .....   |          |
| Stevens County.....         | Nov. 9-Dec. 13.....  | 12     | .....   |          |
| Todd County.....            | Nov. 9-Dec. 13.....  | 3      | .....   |          |
| Wabasha County.....         | Nov. 2-Dec. 7.....   | 10     | .....   |          |
| Wadena County.....          | Nov. 2-Dec. 13.....  | 15     | .....   |          |
| Waseka County.....          | Oct. 26-Dec. 7.....  | 9      | .....   |          |
| Washington County.....      | Nov. 21-30.....      | 1      | .....   |          |
| Stillwater.....             | Dec. 1-31.....       | 3      | .....   |          |
| Winona County.....          | Dec. 1-7.....        | 1      | .....   |          |
| Winona.....                 | Dec. 1-Jan. 31.....  | 5      | .....   |          |
| Yellow Medicine County..... | Oct. 20-26.....      | 1      | .....   |          |
| Total for State.....        |                      | 260    | .....   |          |
| <b>Mississippi:</b>         |                      |        |         |          |
| De Soto County.....         | Nov. 1-Dec. 22.....  | 135    | .....   |          |
| Total for State.....        |                      | 135    | .....   |          |
| <b>Missouri:</b>            |                      |        |         |          |
| Kansas City.....            | Jan. 24-Feb. 27..... | 6      | .....   |          |
| St. Joseph.....             | Dec. 1-31.....       | 1      | .....   |          |
| St. Louis.....              | Dec. 20-Feb. 27..... | 14     | .....   |          |
| Springfield.....            | Nov. 1-Dec. 31.....  | 2      | .....   |          |
| Total for State.....        |                      | 23     | .....   |          |
| <b>Montana:</b>             |                      |        |         |          |
| Cascade County.....         | Nov. 1-30.....       | 4      | .....   |          |
| Flathead County.....        | Nov. 1-30.....       | 1      | .....   |          |
| Gallatin County.....        | Nov. 1-30.....       | 13     | .....   |          |
| Bozeman.....                | Nov. 1-30.....       | 15     | .....   |          |

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

| Place.                    | Date.                 | Cases. | Deaths. | Remarks.            |
|---------------------------|-----------------------|--------|---------|---------------------|
| <b>Montana—Continued.</b> |                       |        |         |                     |
| Jefferson County .....    | Nov. 1-30 .....       | 4      | .....   |                     |
| Ravalli County .....      | Nov. 1-30 .....       | 4      | .....   |                     |
| Silverbow County .....    | Nov. 1-30 .....       | 5      | .....   |                     |
| Butte .....               | Dec. 2-Feb. 16 .....  | 23     | .....   |                     |
| Yellowstone County .....  | Nov. 1-30 .....       | 1      | .....   |                     |
| Total for State .....     | .....                 | 70     | .....   |                     |
| <b>Nebraska :</b>         |                       |        |         |                     |
| Lincoln .....             | Nov. 1-Jan. 31 .....  | 7      | .....   |                     |
| South Omaha .....         | Dec. 20-Feb. 13 ..... | 6      | .....   |                     |
| Total for State .....     | .....                 | 13     | .....   |                     |
| <b>New Hampshire:</b>     |                       |        |         |                     |
| Hinsdale .....            | Nov. 1-Dec. 15 .....  | 6      | .....   |                     |
| West Chesterfield .....   | Nov. 1-Dec. 15 .....  | 1      | .....   |                     |
| West Lebanon .....        | Jan. 15-Feb. 7 .....  | 2      | .....   |                     |
| Westmoreland .....        | Nov. 1-Dec. 15 .....  | 1      | .....   |                     |
| Total for State .....     | .....                 | 10     | .....   |                     |
| <b>New Jersey:</b>        |                       |        |         |                     |
| Camden .....              | Feb. 21-Mar. 6 .....  | 3      | .....   |                     |
| Total for State .....     | .....                 | 3      | .....   |                     |
| <b>New York, general.</b> |                       |        |         |                     |
| Buffalo .....             | Nov. 1-Dec. 31 .....  | 75     | 1       |                     |
| Mohawk Valley .....       | Feb. 14-20 .....      | 1      | .....   |                     |
| New York .....            | Feb. 21-27 .....      | 1      | 1       | Year 1908.          |
| Niagara Falls .....       | Feb. 7-13 .....       | 1      | .....   |                     |
| Rome .....                | Jan. 1-31 .....       | 1      | .....   |                     |
| Schenectady .....         | Feb. 7-13 .....       | 1      | .....   |                     |
| Syracuse .....            | Jan. 9-31 .....       | 3      | .....   |                     |
| Total for State .....     | .....                 | 83     | 3       |                     |
| <b>North Carolina:</b>    |                       |        |         |                     |
| Bertie County .....       | Nov. 1-30 .....       | 1      | .....   |                     |
| Catawba County .....      | Nov. 1-Dec. 31 .....  | 4      | .....   |                     |
| Currituck County .....    | Nov. 1-30 .....       | 3      | .....   | Present to Dec. 31. |
| Duplin County .....       | Dec. 1-31 .....       | 10     | .....   |                     |
| Edgecombe County .....    | Dec. 1-31 .....       | 1      | .....   |                     |
| Johnston County .....     | Nov. 1-30 .....       | 1      | .....   |                     |
| Lenoir County .....       | Dec. 1-31 .....       | 20     | .....   |                     |
| Lincoln County .....      | Dec. 1-31 .....       | 1      | .....   |                     |
| Pasquotank County .....   | Nov. 1-Dec. 31 .....  | 29     | .....   |                     |
| Wilmington .....          | Jan. 22-Mar. 1 .....  | 4      | .....   | Imported.           |
| Total for State .....     | .....                 | 74     | .....   |                     |
| <b>North Dakota .....</b> |                       |        |         |                     |
| .....                     | July 1-Feb. 19 .....  | 168    | .....   |                     |
| <b>Ohio, general.</b>     |                       |        |         |                     |
| Cincinnati .....          | June 14-Jan. 2 .....  | 337    | .....   |                     |
| Cleveland .....           | Dec. 12-Mar. 5 .....  | 161    | 1       |                     |
| Cleveland .....           | Feb. 28-Mar. 5 .....  | 2      | .....   |                     |
| Dayton .....              | Jan. 24-Feb. 20 ..... | 5      | .....   | Year 1908.          |
| Newark .....              | .....                 | 3      | .....   |                     |
| Tiffin .....              | Jan. 8-23 .....       | 2      | .....   |                     |
| Total for State .....     | .....                 | 510    | 1       |                     |
| <b>Oregon:</b>            |                       |        |         |                     |
| Clackamas County .....    | Sept. 1-30 .....      | 1      | .....   |                     |
| Harney County .....       | Sept. 1-30 .....      | 1      | .....   |                     |
| Jackson County .....      | Oct. 1-Dec. 31 .....  | 9      | .....   |                     |
| Lane County .....         | Dec. 1-31 .....       | 10     | .....   |                     |
| Linn County .....         | Sept. 1-Oct. 31 ..... | 5      | .....   |                     |
| Marion County .....       | Sept. 1-Dec. 31 ..... | 4      | .....   |                     |
| Multnomah County .....    | Dec. 1-31 .....       | 5      | .....   |                     |
| Portland .....            | Nov. 1-Dec. 31 .....  | 50     | .....   |                     |
| Polk County .....         | Sept. 1-Dec. 31 ..... | 9      | .....   |                     |
| Tillamook County .....    | Oct. 1-31 .....       | 1      | .....   |                     |
| Umatilla County .....     | Sept. 1-Dec. 31 ..... | 6      | .....   |                     |
| Wallowa County .....      | Oct. 1-31 .....       | 1      | .....   |                     |
| Washington County .....   | Oct. 1-Dec. 31 .....  | 23     | .....   |                     |
| Yamhill County .....      | Sept. 1-Dec. 31 ..... | 17     | .....   |                     |
| Total for State .....     | .....                 | 142    | .....   |                     |
| <b>Pennsylvania:</b>      |                       |        |         |                     |
| Gracedale .....           | Oct. 24 .....         | 1      | .....   |                     |
| Harrisburg .....          | Dec. 18-Jan. 20 ..... | 3      | .....   |                     |
| New Kingstown .....       | Dec. 29 .....         | .....  | .....   | Present.            |

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

| Place.                                  | Date.                 | Cases. | Deaths. | Remarks.                         |  |
|-----------------------------------------|-----------------------|--------|---------|----------------------------------|--|
| Pennsylvania—Continued.                 |                       |        |         |                                  |  |
| Philadelphia .....                      | Dec. 19-25 .....      | 1      | .....   | Imported.                        |  |
| Pittsburg .....                         | Dec. 13-19 .....      | 1      | .....   |                                  |  |
| Total for State .....                   | .....                 | 6      | .....   |                                  |  |
| South Dakota:                           |                       |        |         |                                  |  |
| Aberdeen .....                          | May 1-Jan. 31 .....   | 43     | .....   | Including Greenville.            |  |
| Total for State .....                   | .....                 | 43     | .....   |                                  |  |
| Tennessee:                              |                       |        |         |                                  |  |
| Green County .....                      | Jan. 2 .....          | 103    | .....   | Including Greenville.            |  |
| Knoxville .....                         | Dec. 28-Feb. 27 ..... | 13     | .....   |                                  |  |
| Memphis .....                           | Jan. 1-Mar. 6 .....   | 126    | .....   |                                  |  |
| Nashville .....                         | Dec. 20-Feb. 27 ..... | 35     | .....   |                                  |  |
| Polk County .....                       | Jan. 22 .....         | 30     | .....   |                                  |  |
| Total for State .....                   | .....                 | 307    | .....   |                                  |  |
| Texas:                                  |                       |        |         |                                  |  |
| Cost .....                              | Oct. 1-Dec. 19 .....  | .....  | .....   | Present.                         |  |
| Cotulla .....                           | Jan. 25-Feb. 17 ..... | .....  | .....   | Do.                              |  |
| Denton County .....                     | Jan. 1-Feb. 8 .....   | 9      | .....   | Including Justin and Roanoke.    |  |
| El Paso .....                           | Feb. 10-23 .....      | 3      | .....   | Year 1908.                       |  |
| Falfurrias .....                        | Dec. 26 .....         | 12     | .....   |                                  |  |
| Fort Worth .....                        | .....                 | 256    | .....   |                                  |  |
| Goliad County .....                     | Dec. 1-Jan. 20 .....  | 25     | .....   |                                  |  |
| Houston .....                           | Jan. 1-31 .....       | 3      | .....   |                                  |  |
| Laredo .....                            | Dec. 26-Feb. 13 ..... | 4      | .....   |                                  |  |
| Monthalia .....                         | Oct. 1-Dec. 19 .....  | .....  | .....   | Present.                         |  |
| Oak Forest .....                        | Oct. 1-Dec. 19 .....  | .....  | .....   | Do.                              |  |
| San Antonio .....                       | Dec. 13-Feb. 27 ..... | 69     | .....   | Do.                              |  |
| San Augustine County .....              | Jan. 5 .....          | .....  | .....   |                                  |  |
| Total for State .....                   | .....                 | 381    | .....   | And vicinity                     |  |
| Utah:                                   |                       |        |         |                                  |  |
| Davis County .....                      | Nov. 1-Dec. 31 .....  | 20     | .....   |                                  |  |
| Garfield County .....                   | Dec. 1-31 .....       | 9      | .....   |                                  |  |
| Salt Lake County .....                  | Dec. 1-Jan. 31 .....  | 136    | .....   |                                  |  |
| Salt Lake City .....                    | Dec. 1-Jan. 31 .....  | 187    | 1       |                                  |  |
| Sanpete County .....                    | Dec. 1-31 .....       | 1      | .....   |                                  |  |
| Summit County .....                     | Dec. 1-31 .....       | 7      | .....   |                                  |  |
| Utah County .....                       | Dec. 1-31 .....       | 1      | .....   |                                  |  |
| Weber County .....                      | Nov. 1-Dec. 31 .....  | 2      | .....   |                                  |  |
| Total for State .....                   | .....                 | 363    | 1       |                                  |  |
| Vermont:                                |                       |        |         |                                  |  |
| Newfane .....                           | Jan. 11 .....         | 8      | .....   | And vicinity                     |  |
| West Windsor, township ..               | Jan. 23 .....         | 2      | .....   |                                  |  |
| White River Junction .....              | Jan. 4-Feb. 9 .....   | 3      | .....   |                                  |  |
| Total for State .....                   | .....                 | 13     | .....   | Imported.<br>On tug E. W. Marts. |  |
| Virginia:                               |                       |        |         |                                  |  |
| Lynchburg .....                         | Jan. 10-30 .....      | 3      | .....   |                                  |  |
| Norfolk .....                           | Feb. 5-17 .....       | 3      | .....   |                                  |  |
| Port Royal .....                        | Dec. 28-Jan. 14 ..... | 3      | .....   |                                  |  |
| Total for State .....                   | .....                 | 9      | .....   | Present in January.              |  |
| Washington:                             |                       |        |         |                                  |  |
| Seattle .....                           | Oct. 1-Jan. 31 .....  | 15     | .....   |                                  |  |
| Spokane .....                           | Dec. 6-Feb. 20 .....  | 10     | 1       |                                  |  |
| Tacoma .....                            | Dec. 14-Jan. 17 ..... | 31     | .....   |                                  |  |
| Total for State .....                   | .....                 | 56     | 1       |                                  |  |
| West Virginia:                          |                       |        |         |                                  |  |
| Charleston .....                        | Jan. 1-31 .....       | 1      | .....   | Present in January.              |  |
| Moundsville .....                       | .....                 | .....  | .....   |                                  |  |
| Weston .....                            | Jan. 15-Feb. 13 ..... | 1      | .....   |                                  |  |
| Total for State .....                   | .....                 | 2      | .....   | Present in January.              |  |
| Wisconsin:                              |                       |        |         |                                  |  |
| La Crosse .....                         | Dec. 13-Feb. 27 ..... | 32     | .....   |                                  |  |
| Manitowoc .....                         | Dec. 13-Feb. 27 ..... | 14     | .....   |                                  |  |
| Milwaukee .....                         | Dec. 6-Feb. 27 .....  | 110    | .....   |                                  |  |
| Total for State .....                   | .....                 | 156    | .....   |                                  |  |
| Grand total for the United States ..... | .....                 | 5,403  | 19      |                                  |  |

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

[For smallpox, see special table.]

| Cities.                          | Week ended— | Population, United States census, 1900. | Total deaths from all causes. | Tuberculosis. |         | Enteric fever. |         | Scarlet fever. |         | Diphtheria. |         | Measles. |         | Whooping cough. |         |
|----------------------------------|-------------|-----------------------------------------|-------------------------------|---------------|---------|----------------|---------|----------------|---------|-------------|---------|----------|---------|-----------------|---------|
|                                  |             |                                         |                               | Cases.        | Deaths. | Cases.         | Deaths. | Cases.         | Deaths. | Cases.      | Deaths. | Cases.   | Deaths. | Cases.          | Deaths. |
| Altoona, Pa. ....                | Feb. 27     | 38,973                                  | 8                             | 6             | .....   | .....          | .....   | 6              | .....   | 2           | .....   | 2        | .....   | .....           | .....   |
| Ann Arbor, Mich. ....            | do          | 14,509                                  | 4                             | 2             | .....   | .....          | .....   | .....          | .....   | .....       | .....   | 1        | .....   | 3               | .....   |
| Baltimore, Md. ....              | do          | 508,957                                 | 187                           | 15            | 34      | 6              | .....   | 18             | .....   | 34          | 2       | 135      | 2       | 3               | 1       |
| Bayonne, N. J. ....              | do          | 32,722                                  | .....                         | .....         | .....   | .....          | .....   | 4              | .....   | 3           | 1       | 31       | .....   | 1               | .....   |
| Beaver Falls, Pa. ....           | do          | 13,000                                  | .....                         | .....         | .....   | .....          | .....   | 2              | .....   | 1           | .....   | .....    | .....   | .....           | .....   |
| Berkeley, Cal. ....              | Feb. 20     | 13,214                                  | 10                            | .....         | 1       | .....          | .....   | 1              | .....   | 1           | .....   | 1        | .....   | .....           | .....   |
| Biddeford, Me. ....              | Feb. 27     | 16,145                                  | 6                             | 1             | 1       | .....          | .....   | .....          | .....   | .....       | .....   | .....    | .....   | .....           | .....   |
| Binghamton, N.Y. <sup>a</sup> .. | do          | 38,647                                  | 19                            | .....         | 2       | .....          | .....   | .....          | .....   | 1           | .....   | .....    | .....   | .....           | .....   |
| Boston, Mass. ....               | do          | 560,892                                 | 225                           | 41            | 13      | 1              | 1       | 55             | 1       | 43          | 6       | 54       | 3       | 11              | 4       |
| Braddock, Pa. ....               | do          | 15,654                                  | 9                             | 1             | 1       | .....          | .....   | .....          | .....   | .....       | .....   | .....    | .....   | .....           | .....   |
| Bradford, Pa. ....               | do          | 15,029                                  | 4                             | 1             | .....   | .....          | .....   | 2              | .....   | .....       | .....   | .....    | .....   | .....           | .....   |
| Brockton, Mass. ....             | do          | 40,063                                  | 7                             | 2             | .....   | 1              | .....   | 2              | .....   | .....       | .....   | 149      | .....   | 15              | 1       |
| Cambridge, Mass. ....            | do          | 91,886                                  | 35                            | 8             | .....   | .....          | .....   | 12             | 1       | 6           | .....   | 13       | .....   | .....           | 1       |
| Camden, N. J. ....               | do          | 75,935                                  | 36                            | 1             | .....   | .....          | .....   | 9              | .....   | 8           | 2       | .....    | .....   | .....           | .....   |
| Camden, S. C. ....               | do          | 2,411                                   | .....                         | .....         | .....   | .....          | .....   | .....          | .....   | .....       | .....   | 3        | .....   | .....           | .....   |
| Carbondale, Pa. ....             | do          | 13,536                                  | 9                             | 1             | 1       | .....          | .....   | 1              | .....   | .....       | .....   | 1        | .....   | .....           | .....   |
| Charlotte, N. C. ....            | Feb. 26     | 18,091                                  | 2                             | .....         | .....   | .....          | .....   | .....          | .....   | .....       | .....   | 14       | .....   | .....           | .....   |
| Chelsea, Mass. ....              | Feb. 27     | 34,072                                  | 9                             | 1             | 1       | .....          | .....   | 4              | .....   | 1           | .....   | .....    | .....   | .....           | .....   |
| Chicago, Ill. ....               | do          | 1,698,575                               | 659                           | 107           | 67      | 76             | 11      | 132            | 11      | 116         | 18      | 100      | 5       | 14              | 3       |
| Chicopee, Mass. ....             | do          | 19,167                                  | 4                             | .....         | .....   | .....          | .....   | .....          | .....   | .....       | .....   | 1        | .....   | 1               | 1       |
| Cincinnati, Ohio ....            | Feb. 26     | 325,902                                 | 118                           | 8             | 19      | 4              | 3       | 16             | 1       | 5           | .....   | 3        | .....   | 3               | .....   |
| Cleveland, Ohio ....             | do          | 381,768                                 | 134                           | 24            | 21      | 2              | .....   | 16             | .....   | 14          | 1       | 12       | .....   | 12              | .....   |
| Clinton, Mass. ....              | Feb. 27     | 13,667                                  | 3                             | .....         | .....   | .....          | .....   | .....          | .....   | .....       | .....   | .....    | .....   | .....           | .....   |
| Columbus, Ga. ....               | do          | 17,614                                  | 2                             | .....         | .....   | .....          | .....   | .....          | .....   | .....       | .....   | .....    | .....   | .....           | .....   |
| Covington, Ky. ....              | do          | 42,938                                  | 18                            | 1             | 3       | .....          | .....   | 3              | .....   | 1           | .....   | .....    | .....   | .....           | .....   |
| Danville, Ill. ....              | Feb. 28     | 16,584                                  | 8                             | .....         | 2       | .....          | .....   | 1              | .....   | .....       | .....   | 1        | .....   | .....           | .....   |
| Dayton, Ohio ....                | Feb. 27     | 85,333                                  | 41                            | .....         | 6       | .....          | .....   | 2              | .....   | 2           | .....   | 9        | .....   | .....           | .....   |
| Detroit, Mich. ....              | do          | 285,704                                 | 127                           | .....         | .....   | .....          | .....   | 10             | 2       | 13          | 1       | .....    | .....   | .....           | .....   |
| Duluth, Minn. ....               | Feb. 25     | 80,000                                  | 21                            | 2             | 2       | .....          | .....   | 8              | 1       | 13          | .....   | .....    | .....   | .....           | .....   |
| Dunkirk, N. Y. ....              | Feb. 27     | 11,616                                  | 3                             | .....         | .....   | .....          | .....   | .....          | .....   | .....       | .....   | .....    | .....   | .....           | .....   |
| E. Liverpool, Ohio ..            | Feb. 13     | 16,485                                  | 4                             | .....         | .....   | .....          | .....   | .....          | .....   | .....       | .....   | .....    | .....   | .....           | .....   |
| Do. ....                         | Feb. 20     | 16,485                                  | 4                             | 1             | 1       | .....          | .....   | .....          | .....   | .....       | .....   | .....    | .....   | .....           | .....   |
| Do. ....                         | Feb. 27     | 16,485                                  | 6                             | 1             | 1       | 1              | 1       | .....          | .....   | .....       | .....   | .....    | .....   | .....           | .....   |
| Elmira, N. Y. ....               | do          | 35,672                                  | 10                            | .....         | 1       | .....          | .....   | 1              | .....   | .....       | .....   | 5        | .....   | .....           | .....   |
| Elkhart, Ind. ....               | do          | 15,184                                  | 2                             | .....         | .....   | .....          | .....   | .....          | .....   | .....       | .....   | 5        | .....   | .....           | .....   |
| Erie, Pa. ....                   | Feb. 28     | 52,733                                  | 19                            | 4             | 3       | 3              | .....   | 6              | .....   | 3           | .....   | .....    | .....   | 8               | .....   |
| Evansville, Ind. ....            | Feb. 27     | 59,007                                  | 16                            | .....         | 4       | 2              | 1       | .....          | .....   | 1           | .....   | .....    | .....   | 2               | 2       |
| Everett, Mass. ....              | do          | 24,336                                  | .....                         | 1             | .....   | .....          | .....   | 3              | .....   | .....       | .....   | .....    | .....   | .....           | .....   |
| Fall River, Mass. ....           | do          | 104,863                                 | 31                            | 2             | 2       | 4              | .....   | 1              | .....   | 4           | .....   | 4        | .....   | 2               | .....   |
| Findlay, Ohio ....               | do          | 17,613                                  | 3                             | .....         | .....   | .....          | .....   | 1              | .....   | .....       | .....   | .....    | .....   | .....           | .....   |
| Fort Wayne, Ind. ....            | do          | 45,115                                  | 16                            | .....         | .....   | .....          | .....   | 1              | .....   | .....       | .....   | .....    | .....   | .....           | .....   |
| Galesburg, Ill. ....             | do          | 18,607                                  | 1                             | .....         | .....   | .....          | .....   | 2              | .....   | 2           | .....   | .....    | .....   | .....           | .....   |
| Galveston, Tex. ....             | Feb. 26     | 37,789                                  | 7                             | .....         | .....   | .....          | .....   | 1              | .....   | .....       | .....   | .....    | .....   | .....           | .....   |
| Glens Falls, N. Y. ....          | Feb. 27     | 13,543                                  | 6                             | 2             | 2       | 1              | .....   | .....          | .....   | .....       | .....   | .....    | .....   | .....           | .....   |
| Gloucester, Mass. ....           | do          | 26,121                                  | 2                             | .....         | .....   | .....          | .....   | .....          | .....   | .....       | .....   | .....    | .....   | .....           | .....   |
| G'd Rapids, Mich. ....           | do          | 87,565                                  | 25                            | 3             | 3       | 4              | .....   | 20             | .....   | 2           | .....   | 2        | .....   | 12              | 1       |
| G't Falls, Mont. ....            | Feb. 28     | 14,930                                  | 7                             | 1             | 1       | 2              | .....   | 8              | .....   | 3           | .....   | 4        | .....   | .....           | .....   |
| Greensboro, N. C. ....           | Feb. 27     | 10,035                                  | 4                             | 1             | .....   | .....          | .....   | .....          | .....   | .....       | .....   | 1        | .....   | .....           | .....   |
| Harrison, N. J. ....             | do          | 10,596                                  | 4                             | 1             | 1       | .....          | .....   | 1              | .....   | .....       | .....   | .....    | .....   | .....           | .....   |
| Hartford, Conn. ....             | Feb. 21     | 79,850                                  | 21                            | 3             | 1       | .....          | .....   | 3              | .....   | 2           | .....   | 1        | .....   | 1               | .....   |
| Haverhill, Mass. ....            | Feb. 27     | 37,175                                  | 10                            | 3             | 2       | .....          | .....   | .....          | .....   | 1           | .....   | .....    | .....   | 5               | .....   |
| Indianapolis, Ind. ....          | Feb. 28     | 169,164                                 | 59                            | .....         | 6       | 1              | .....   | 1              | .....   | 3           | 1       | 24       | .....   | 1               | 2       |
| Jacksonville, Fla. ....          | Feb. 27     | 28,429                                  | 15                            | 2             | 2       | 3              | 1       | .....          | .....   | 1           | .....   | .....    | .....   | .....           | .....   |
| Jacksonville, Ill. ....          | Feb. 11     | 15,078                                  | 5                             | .....         | .....   | .....          | .....   | .....          | .....   | .....       | .....   | .....    | .....   | .....           | .....   |
| Do. ....                         | Feb. 18     | 15,078                                  | 9                             | .....         | .....   | .....          | .....   | .....          | .....   | .....       | .....   | .....    | .....   | .....           | .....   |
| Do. ....                         | Feb. 25     | 15,078                                  | 10                            | .....         | .....   | .....          | .....   | .....          | .....   | .....       | .....   | .....    | .....   | .....           | .....   |
| Jersey City, N. J. ....          | Feb. 28     | 206,433                                 | .....                         | 2             | 9       | 1              | 1       | 24             | 3       | 25          | 3       | 71       | .....   | 4               | 4       |
| Johnstown, Pa. ....              | Feb. 27     | 35,936                                  | 22                            | .....         | 2       | 1              | .....   | 12             | 1       | 3           | .....   | 7        | .....   | .....           | .....   |
| Kalamazoo, Mich. ....            | Feb. 20     | 24,404                                  | 16                            | 1             | 3       | .....          | .....   | 1              | .....   | 1           | .....   | .....    | .....   | .....           | .....   |
| Do. ....                         | Feb. 27     | 24,404                                  | 10                            | .....         | .....   | .....          | .....   | 1              | .....   | 2           | .....   | .....    | .....   | .....           | .....   |
| Kansas City, Kans. ....          | do          | 51,418                                  | 20                            | 2             | 4       | 3              | .....   | .....          | .....   | .....       | .....   | 5        | .....   | 2               | .....   |
| Kansas City, Mo. ....            | do          | 163,752                                 | 71                            | .....         | 6       | 10             | .....   | 4              | .....   | 7           | 1       | .....    | .....   | .....           | .....   |
| Kearny, N. J. ....               | do          | 10,896                                  | 6                             | .....         | .....   | .....          | .....   | 1              | .....   | 1           | .....   | 2        | .....   | .....           | .....   |
| Kingston, N. Y. ....             | Feb. 26     | 24,535                                  | 13                            | .....         | 3       | .....          | .....   | .....          | .....   | .....       | .....   | .....    | .....   | .....           | .....   |
| Knoxville, Tenn. ....            | Feb. 27     | 32,637                                  | 17                            | .....         | .....   | .....          | .....   | 1              | .....   | 1           | 1       | 10       | .....   | .....           | .....   |
| La Crosse, Wis. ....             | do          | 28,895                                  | 10                            | .....         | .....   | .....          | .....   | .....          | .....   | .....       | .....   | .....    | .....   | .....           | .....   |
| La Fayette, Ind. ....            | Mar. 1      | 18,116                                  | 4                             | .....         | .....   | .....          | .....   | .....          | .....   | .....       | .....   | 1        | .....   | .....           | .....   |
| Lancaster, Pa. ....              | Feb. 28     | 41,459                                  | 10                            | .....         | 2       | .....          | .....   | 1              | .....   | 1           | .....   | 1        | .....   | .....           | .....   |
| Lawrence, Mass. ....             | Feb. 27     | 62,559                                  | 35                            | 3             | 2       | 4              | 1       | 4              | .....   | 1           | .....   | 6        | .....   | .....           | .....   |
| Lexington, Ky. ....              | do          | 26,369                                  | 19                            | .....         | 4       | .....          | .....   | 1              | .....   | 1           | .....   | .....    | .....   | 12              | 1       |
| Little Falls, N.Y. ....          | Feb. 28     | 10,381                                  | 1                             | .....         | .....   | .....          | .....   | .....          | .....   | .....       | .....   | .....    | .....   | .....           | .....   |
| Los Angeles, Cal. ....           | Feb. 20     | 102,479                                 | 78                            | 9             | 14      | 4              | .....   | 15             | .....   | 7           | .....   | 2        | .....   | .....           | .....   |

<sup>a</sup> Four deaths occurred in State Hospital.]

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. |
| Lowell, Mass. ....        | Feb. 27     | 94,969                                  | 38                           | 2             | 4       | 1              | 1       | 4              | 2       | 2           | 2       | 2        | 2       |                 |         |
| Lynn, Mass. ....          | Feb. 20     | 68,513                                  | 21                           |               |         | 1              |         | 6              | 9       |             |         | 3        | 2       |                 |         |
| Do. ....                  | Feb. 27     | 68,513                                  | 32                           |               | 2       | 1              |         | 5              | 5       |             |         | 2        | 2       |                 |         |
| McKeesport, Pa. ....      | Feb. 6      | 34,227                                  | 8                            |               |         | 1              |         | 1              |         |             |         | 3        | 3       | 15              | 1       |
| Do. ....                  | Feb. 13     | 34,227                                  | 12                           |               | 2       |                |         |                | 2       | 2           |         | 1        | 2       | 7               |         |
| Do. ....                  | Feb. 20     | 34,227                                  | 19                           | 1             |         | 4              | 1       |                | 3       | 1           |         | 1        | 1       | 19              |         |
| Do. ....                  | Feb. 27     | 34,227                                  | 17                           |               | 1       | 5              | 1       | 1              | 3       | 1           |         | 2        | 2       | 11              |         |
| Malden, Mass. ....        | do          | 33,664                                  | 11                           | 3             | 1       |                |         | 2              | 2       |             |         | 20       | 2       |                 |         |
| Manchester, N. H. ....    | do          | 56,987                                  | 32                           | 6             | 6       |                |         |                | 7       | 1           |         |          |         |                 |         |
| Manitowoc, Wis. ....      | do          | 11,786                                  | 2                            |               |         |                |         |                | 1       | 1           |         | 3        |         |                 |         |
| Mansfield, Ohio ....      | do          | 17,650                                  |                              |               |         |                |         |                | 1       | 1           |         | 2        |         |                 |         |
| Marinette, Wis. ....      | do          | 16,195                                  | 3                            |               |         | 1              |         | 1              |         |             |         |          |         |                 |         |
| Marion, Ind. ....         | do          | 17,337                                  | 3                            |               |         |                |         |                | 1       |             |         |          |         |                 |         |
| Massillon, Ohio ....      | Feb. 26     | 11,944                                  | 2                            |               |         |                |         |                |         |             |         |          |         |                 |         |
| Medford, Mass. ....       | Feb. 27     | 18,244                                  | 6                            |               | 1       |                |         |                | 1       | 1           |         |          |         |                 |         |
| Melrose, Mass. ....       | do          | 12,962                                  | 1                            |               |         |                |         | 1              |         |             |         |          |         |                 |         |
| Milwaukee, Wis. ....      | Feb. 20     | 265,315                                 | 89                           | 16            | 10      | 12             | 2       | 31             | 5       | 14          | 1       | 50       | 2       | 3               |         |
| Do. ....                  | Feb. 27     | 265,315                                 | 81                           | 19            | 12      | 23             |         | 24             | 2       | 11          | 3       | 111      | 11      |                 |         |
| Montclair, N. J. ....     | do          | 13,962                                  | 2                            | 1             |         |                |         | 1              |         |             |         | 18       |         |                 |         |
| Montgomery, Ala. ....     | Feb. 26     | 30,346                                  | 15                           |               | 2       |                | 1       |                |         |             |         |          |         |                 |         |
| Moline, Ill. ....         | Feb. 28     | 17,248                                  | 9                            | 2             |         |                |         | 4              |         |             |         | 8        | 2       |                 |         |
| Morristown, N. J. ....    | Feb. 27     | 13,000                                  | 5                            |               |         |                |         | 1              |         |             |         |          |         |                 |         |
| Mount Vernon, N. Y. ....  | do          | 21,228                                  | 14                           |               |         | 1              |         |                |         |             |         | 21       |         |                 |         |
| Muncie, Ind. ....         | do          | 20,942                                  | 10                           |               | 3       |                |         | 3              |         |             |         |          |         |                 |         |
| Nanticoke, Pa. ....       | Feb. 28     | 12,616                                  | 5                            | 2             | 1       |                |         |                | 2       |             |         |          |         |                 |         |
| Nashville, Tenn. ....     | Feb. 27     | 80,865                                  | 34                           | 4             | 2       |                | 1       | 1              | 1       |             |         |          |         |                 |         |
| Nebraska City, Nebr. .... | do          | 7,200                                   | 4                            |               |         |                |         | 1              |         |             |         |          |         |                 |         |
| New Bedford, Mass. ....   | do          | 63,442                                  | 30                           | 4             | 4       |                |         | 5              |         | 3           |         | 2        |         |                 |         |
| New Brunswick, N. J. .... | Feb. 13     | 20,006                                  |                              |               |         |                |         |                | 1       |             |         |          |         |                 |         |
| Do. ....                  | Feb. 27     | 20,006                                  |                              |               |         | 1              |         |                | 1       | 1           |         |          |         |                 |         |
| Newburyport, Mass. ....   | do          | 14,478                                  | 7                            |               |         |                |         |                |         |             |         |          |         |                 |         |
| New London, Conn. ....    | do          | 17,548                                  | 9                            |               |         | 1              |         | 1              |         |             |         |          |         |                 |         |
| New Orleans, La. ....     | do          | 278,104                                 | 131                          | 20            | 16      | 6              | 3       | 48             | 3       | 3           |         |          |         |                 |         |
| Newton, Mass. ....        | do          | 33,587                                  | 12                           |               | 1       |                |         | 3              | 1       |             |         | 4        |         |                 |         |
| New York, N. Y. ....      | do          | 3,437,202                               | 1,375                        | 377           | 167     | 27             | 4       | 373            | 29      | 326         | 45      | 635      | 27      | 47              | 7       |
| Niagara Falls, N. Y. .... | do          | 19,457                                  | 9                            | 4             |         | 8              |         | 3              | 3       |             |         | 1        |         |                 |         |
| Norristown Pa. ....       | Feb. 20     | 22,265                                  | 5                            |               |         | 1              | 1       | 1              | 1       |             |         | 6        |         |                 |         |
| Do. ....                  | Feb. 27     | 22,265                                  | 15                           |               |         |                |         |                |         |             |         | 6        |         |                 |         |
| North Adams, Mass. ....   | do          | 24,200                                  | 8                            |               | 1       |                |         |                |         |             |         |          |         |                 |         |
| Northampton, Mass. ....   | do          | 18,643                                  | 6                            | 1             | 1       | 1              |         | 2              |         |             |         | 12       |         |                 |         |
| Oklahoma City, Okla. .... | Feb. 20     | 43,500                                  | 7                            | 1             | 1       | 1              |         |                | 1       |             |         |          |         |                 |         |
| Do. ....                  | Feb. 27     | 43,500                                  | 17                           |               |         | 1              |         | 2              |         | 2           |         |          |         |                 |         |
| Orange, N. J. ....        | do          | 24,141                                  | 8                            | 3             | 4       |                |         | 2              |         |             |         |          |         |                 |         |
| Ottumwa, Iowa ....        | do          | 18,197                                  | 9                            | 1             |         |                |         |                | 1       | 1           |         |          |         | 3               |         |
| Paducah, Ky. ....         | do          | 19,446                                  | 7                            | 3             | 1       | 1              |         |                |         |             |         |          |         |                 |         |
| Passaic, N. J. ....       | Feb. 26     | 27,777                                  | 13                           |               |         |                |         |                | 1       |             |         | 4        |         |                 |         |
| Philadelphia, Pa. ....    | Jan. 16     | 1,293,697                               | 514                          | 173           | 73      | 128            | 6       | 75             | 1       | 69          | 7       | 99       | 5       | 11              | 1       |
| Do. ....                  | Jan. 23     | 1,293,697                               | 529                          | 154           | 68      | 116            | 20      | 63             | 2       | 100         | 9       | 86       | 3       | 10              | 1       |
| Do. ....                  | Jan. 30     | 1,293,697                               | 574                          | 149           | 70      | 64             | 8       | 70             | 6       | 81          | 15      | 96       | 7       | 18              | 2       |
| Do. ....                  | Feb. 6      | 1,293,697                               | 582                          | 138           | 68      | 71             | 13      | 59             | 3       | 84          | 16      | 78       | 3       | 15              | 4       |
| Pittsfield, Mass. ....    | Feb. 27     | 21,766                                  | 8                            | 4             |         |                |         | 1              |         |             |         |          |         |                 |         |
| Plainfield, N. J. ....    | do          | 15,369                                  | 3                            | 3             |         |                |         | 3              |         | 1           |         | 4        |         |                 |         |
| Plymouth, Pa. ....        | do          | 13,649                                  |                              |               |         |                |         |                | 1       | 1           |         | 1        |         |                 |         |
| Portsmouth, N. H. ....    | do          | 10,637                                  |                              |               |         |                |         |                | 1       |             |         |          |         |                 |         |
| Portsmouth, Va. ....      | Mar. 2      | 17,427                                  | 5                            |               |         |                |         | 1              |         |             |         |          |         |                 |         |
| Providence, R. I. ....    | Feb. 27     | 175,597                                 | 68                           | 7             | 8       | 2              |         | 8              |         | 13          | 2       |          |         |                 |         |
| Racine, Wis. ....         | do          | 29,102                                  | 9                            |               |         |                |         | 1              |         |             |         |          |         |                 |         |
| Reading, Pa. ....         | Mar. 1      | 78,961                                  | 33                           | 2             | 3       | 1              |         | 5              |         | 4           | 3       | 2        |         |                 |         |
| Richmond, Va. ....        | Feb. 27     | 85,050                                  | 57                           | 4             | 6       | 6              | 1       | 2              |         | 2           |         |          |         | 3               |         |
| St. Louis, Mo. ....       | do          | 575,238                                 | 219                          | 46            | 20      | 5              |         | 21             |         | 39          | 5       | 243      | 14      | 5               | 1       |
| San Antonio, Tex. ....    | Feb. 20     | 53,321                                  |                              |               |         | 4              |         | 1              |         |             |         |          |         |                 |         |
| Do. ....                  | Feb. 27     | 53,321                                  |                              |               |         | 1              |         |                |         |             |         | 1        |         |                 |         |
| Sandusky, Ohio. ....      | Feb. 6      | 19,664                                  | 5                            |               |         | 2              |         |                |         |             |         |          |         |                 |         |
| Do. ....                  | Feb. 13     | 19,664                                  | 3                            |               |         |                |         |                |         | 1           |         |          |         |                 |         |
| Do. ....                  | Feb. 20     | 19,664                                  | 5                            |               | 1       |                | 1       |                |         |             |         |          |         |                 |         |
| Do. ....                  | Feb. 28     | 19,664                                  | 6                            |               |         | 6              | 1       | 1              |         | 1           |         |          |         |                 |         |
| San Francisco, Cal. ....  | Feb. 20     | 342,782                                 | 135                          | 27            | 11      | 2              |         | 8              |         | 17          |         | 111      |         | 5               |         |

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

| Cities.                 | Week ended— | Population, 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. |
| Scranton, Pa. ....      | Feb. 20     | 102,026                                 | 35                            | 2               | ....    | 1              | ....    | 8              | 1       | 8             | 1       | 20       | ....    | ....              | ....    |
| Do. ....                | Feb. 27     | 102,026                                 | 45                            | ....            | ....    | 1              | ....    | 11             | 4       | 7             | 1       | 32       | ....    | 1                 | 1       |
| Schenectady, N. Y. .... | do          | 31,682                                  | 17                            | 12              | 3       | ....           | ....    | 7              | ....    | 2             | ....    | ....     | ....    | ....              | ....    |
| Shamokin, Pa. ....      | do          | 18,202                                  | 3                             | ....            | ....    | ....           | ....    | 1              | ....    | ....          | ....    | 8        | 1       | ....              | ....    |
| Somerville, Mass. ....  | do          | 61,645                                  | 36                            | 1               | 3       | ....           | ....    | 5              | 1       | 6             | 3       | 9        | ....    | ....              | ....    |
| South Bend, Ind. ....   | do          | 35,999                                  | 17                            | 2               | 2       | ....           | ....    | 2              | ....    | 3             | ....    | 11       | ....    | ....              | ....    |
| Spokane, Wash. ....     | Feb. 20     | 38,848                                  | 35                            | ....            | 3       | 1              | ....    | 17             | 1       | 7             | 1       | 43       | ....    | ....              | ....    |
| Springfield, Ill. ....  | Feb. 26     | 34,159                                  | 13                            | ....            | ....    | ....           | ....    | ....           | ....    | 1             | ....    | ....     | ....    | ....              | ....    |
| Springfield, Mass. .... | Feb. 27     | 62,059                                  | 24                            | 1               | ....    | ....           | ....    | 3              | ....    | 4             | 1       | 5        | ....    | 9                 | ....    |
| Springfield, Ohio. .... | do          | 38,253                                  | 9                             | 5               | 1       | ....           | ....    | 1              | ....    | 3             | ....    | ....     | ....    | ....              | ....    |
| Steelton, Pa. ....      | do          | 12,068                                  | 3                             | 1               | 1       | 2              | 1       | ....           | ....    | ....          | ....    | 1        | ....    | ....              | ....    |
| Taunton, Mass. ....     | do          | 31,036                                  | 13                            | ....            | 1       | ....           | ....    | 1              | ....    | ....          | ....    | 1        | ....    | ....              | ....    |
| Terre Haute, Ind. ....  | do          | 36,673                                  | 21                            | ....            | 2       | ....           | ....    | ....           | ....    | 5             | ....    | 4        | ....    | ....              | ....    |
| Tiffin, Ohio. ....      | do          | 10,898                                  | ....                          | ....            | ....    | ....           | ....    | 1              | ....    | ....          | ....    | ....     | ....    | ....              | ....    |
| Titusville, Pa. ....    | do          | 8,244                                   | 3                             | ....            | ....    | ....           | ....    | 2              | ....    | ....          | ....    | ....     | ....    | ....              | ....    |
| Trenton, N. J. ....     | do          | 73,307                                  | ....                          | 6               | 2       | 2              | ....    | 3              | ....    | 1             | ....    | ....     | ....    | ....              | ....    |
| Waltham, Mass. ....     | do          | 23,481                                  | 12                            | 1               | ....    | ....           | ....    | 8              | ....    | 1             | ....    | 13       | ....    | ....              | ....    |
| Wheeling, W. Va. ....   | do          | 38,878                                  | 16                            | 4               | 1       | 12             | 1       | ....           | ....    | 2             | ....    | 1        | ....    | ....              | ....    |
| Wilkes-Barre, Pa. ....  | Feb. 26     | 51,721                                  | 11                            | 4               | 1       | ....           | ....    | 5              | ....    | 6             | 1       | 46       | ....    | 2                 | ....    |
| Wilkinsburg, Pa. ....   | Feb. 28     | 13,000                                  | 4                             | ....            | ....    | 1              | ....    | 2              | ....    | 1             | ....    | 6        | 1       | ....              | ....    |
| Wilmington, Del. ....   | Feb. 27     | 76,508                                  | 23                            | ....            | 1       | ....           | 2       | ....           | ....    | ....          | ....    | ....     | ....    | ....              | ....    |
| Winona, Minn. ....      | Mar. 4      | 19,714                                  | 4                             | ....            | ....    | ....           | ....    | ....           | ....    | ....          | ....    | ....     | ....    | 1                 | 1       |
| Woburn, Mass. ....      | Feb. 27     | 14,254                                  | 4                             | 2               | ....    | ....           | ....    | ....           | ....    | ....          | ....    | ....     | ....    | ....              | ....    |
| Worcester, Mass. ....   | Feb. 20     | 118,421                                 | 42                            | 7               | 3       | ....           | ....    | 7              | ....    | 3             | ....    | 3        | ....    | ....              | ....    |
| Do. ....                | Feb. 27     | 118,421                                 | 37                            | 5               | ....    | 1              | ....    | 11             | 1       | 12            | 1       | 8        | ....    | ....              | ....    |
| York, Pa. ....          | do          | 33,708                                  | ....                          | ....            | ....    | ....           | ....    | 2              | ....    | 4             | ....    | ....     | ....    | 1                 | ....    |

## FOREIGN AND INSULAR.

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### CURRENT QUARANTINE MEASURES.

[From the Veröffentlichungen des Kaiserlichen Gesundheitsamtes, Berlin, February 17 and 24, 1909.]

#### CHOLERA.

GERMAN EMPIRE.—The police inspection and observation ordered for travelers from cholera-infected localities in Russia were suspended in Baden January 22; in Mecklenburg-Schwerin January 20; in Mecklenburg-Strelitz January 22, and in Oldenburg January 21.

NORWAY.—February 10. The districts of Wiborg and Nyland in Finland were declared cholera infected. The city and government of St. Petersburg, including Cronstadt, the Don and Kasan territories, and the government of Erivan, in Russia, were declared still infected with cholera. The proclamations against other localities in Russia are withdrawn. Vessels arriving at ports in Norway having cholera patients on board are ordered to be taken by the pilots to the quarantine station at Odderoen, near Christiansand. At ports other than Odderoen the sick remain on board.

PRUSSIA.—The minister of public works has suspended the measures against importation of cholera from Russia by railway travel. The railway officials are directed to continue to devote especial attention to the sanitary condition of travelers from Russia.

#### PLAGUE.

GERMAN EMPIRE.—February 17. The order of February 11 requiring vessels and crews arriving at a German port from ports of the West African Gold Coast to undergo medical inspection before receiving free pratique is suspended.

NETHERLANDS.—February 3. Measures for preventing the importation of plague declared.

SWEDEN.—February 5. The port of Newchwang in China declared free from plague.

#### AUSTRALIA.

##### *Examination of rodents for plague infection at Brisbane.*

The following information is taken from plague bulletins received from the Department of Public Health of Queensland:

Date of finding of last plague-infected rat, September 15, 1908.

Week ended January 23, 1909. Rodents destroyed, 592; examined, 489; plague rodents, 0.

## BARBADOS.

*Report from Bridgetown—Increase of yellow fever in the island.*

Consul Martin reports, February 16:

Yellow fever is again assuming a more virulent form. During the first 14 days of February the number of cases seemed to abate, only 7 having been reported as occurring during that period. February 15, 2 cases were reported, and to-day 7 cases have been reported. Six of these 9 cases are in one family in the parish of St. Lucy, at the extreme north end of the island, in the locality where the present outbreak originated. There has been only one case in Bridgetown this month. The cases continue to be confined to native Barbadians.

## CHINA.

*Reports from Shanghai—Inspection and disinfection of vessels—Precautions against infection of vessels by rats—Measures for rat destruction.*

Acting Assistant Surgeon Ransom reports, January 20 and February 2:

Week ended January 16. Two original and 3 supplemental bills of health were granted to 5 steamships having an aggregate personnel of 919. There were inspected 3 steamships, 156 members of crews, 1 cabin passenger, and 2 steerage passengers, and there were disinfected 94 members of crews and the living quarters of 2 vessels. Manifests were viséed for 5,855 pieces of freight.

The steamship *Niagara* from San Francisco with bulk oil for Chin-kiang lay at the wharf while at that port. At Shanghai she lay at the oil wharf, which is believed to be rat free, but rat guards of a rather ineffective design were used on all lines and no gangways were put out. The crew was bathed (53 natives) and their effects were disinfected by steam late on the day before sailing, the vessel sailing at daylight on January 11.

The steamships *Mongolia* and *Minnesota* remained in the stream at Woosung during their stay in this port, and only such of the personnel as were leaving from Shanghai were inspected, which inspection was carried out on the tender at the hour of its departure for the ship. The loading of these vessels was done from lighters—in the case of the *Mongolia* entirely by daylight and in the case of the *Minnesota* by night. Rat guards were ordered to be used.

The steamship *Hazel Dollar* was in dry dock and alongside the wharf at Pootung while in this port, and rat guards were used at the latter. Loading was done during the entire twenty-four hours from the wharf. The native crew, 41 men, were bathed and their effects were disinfected by steam late on the day before sailing, the vessel leaving at daylight on January 14. The bathing and disinfection of the crews were done under service supervision.

The steamship *Muncaster Castle* lay at a buoy in the stream while in this port and loaded from lighters. Rat guards were provided for all lighter lines. This vessel was fumigated in Kobe to destroy vermin, but the crew were not disinfected either there or at this port, in view

of the fact that a complete change was to be made in the personnel at Hongkong, that being the last port before departure for an American port at which a service officer is stationed.

Plague-infected rats continue to be found in the proportion of about 3 per cent of those examined, including only such animals as are found dead. Trapped rats are destroyed without examination. Three hundred dead rats were examined last week, of which 9 were found to be plague-infected. The area of infection seems to be spreading, rat plague having been found in all sections of the settlement, but invariably in the houses of natives.

An energetic campaign is being carried on against rats in the international settlement. The problem presents many obstacles to the effective destruction of these animals, particularly as there are no means by which the importation of fresh supplies of infected and non-infected rats can be prevented, by vessels and from the surrounding country, even if it were possible to get rid of those now present. One of the greatest difficulties in this direction is due to the fact that the French and Chinese cities have their own independent administrations and are not governed by any action which the international settlement may take. Little is being done in either of these settlements to destroy rats.

About 2,000 rat-traps have been placed by the health department in the vicinity of the houses in which plague rats have been found, and by this means about 2,000 rats were captured and destroyed last week. The bait used was fish heads, vegetables, meat, bran, etc., and the traps were made as inconspicuous as possible. Poison has been little used, owing to the theory that it causes rats to scatter, and that it would thus be liable to spread the infection. The rat proofing carried out here has consisted of repairing holes in the flooring, walls, roofs, etc., and the cleaning and screening of drains in such houses as infected animals have been found in, the work being done by the health department staff. Crude oil has been freely poured into old rat holes and runs. The intention is to divide the settlement into districts and work from the periphery of each toward each infected center, destroying rats and rendering houses as nearly rat proof as possible.

There appears to have been an epidemic among the rats on the *Delhi* while in this port last week, which was not reported to the health authorities. The vessel lay at the Hongkew wharves and very many dead rats were found on board while she was unloading and were thrown overboard. This vessel was bound to Bombay via Hongkong and the Straits Settlements, and hence did not come under the official observation of this office.

During the week ended January 30 a supplemental bill of health was granted to 1 steamship, with a total personnel of 44. One vessel with 44 members of crew was inspected.

This vessel, the steamship *Aragonia*, lay in the stream at this port and was loaded from lighters, the loading being carried on during the entire 24 hours. Rat guards were used on all lines to lighters, buoys, etc.

Plague rats are still being found and are scattered over the entire settlement, but infected animals are found in greatest numbers in the eastern district, where the wharves are located, and where the outbreak of plague among rats first made its appearance.

## CUBA.

*Report from Cienfuegos—Inspection of vessels.*

Acting Assistant Surgeon Suarez reports, February 28:

*Week ended February 27.*

|                                       |     |
|---------------------------------------|-----|
| Vessels inspected.....                | 4   |
| Bills of health issued.....           | 4   |
| Members of crews inspected.....       | 105 |
| Passenger inspected (in transit)..... | 1   |

No quarantinable diseases were reported.

*Report from Habana—Inspection of vessels—General sanitary conditions.*

Passed Assistant Surgeon Amesse reports, March 1:

*Week ended February 27.*

|                                                     |       |
|-----------------------------------------------------|-------|
| Vessels inspected.....                              | 18    |
| Bills of health issued.....                         | 23    |
| Members of crews of outgoing vessels inspected..... | 1,493 |
| Passengers of outgoing vessels inspected.....       | 2,548 |
| Certificates of protection from smallpox.....       | 12    |

The evacuation of the army of Cuban pacification was continued during the week, 2,100 officers and men sailing on the transports *Meade*, *Sumner*, and *McClellan*.

Less than one regiment of American troops remains in the Republic. It is to embark about April 1.

General sanitary conditions throughout the island are reported excellent.

*Report from Matanzas—Inspection of vessels.*

Acting Assistant Surgeon Nuñez reports, March 1:

*Week ended February 27.*

Bills of health granted to 6 vessels bound for United States ports in good sanitary condition.

No quarantinable diseases were reported.

## ECUADOR.

*Reports from Guayaquil—Inspection and fumigation of vessels—Plague and yellow fever—Outbreak of plague at Tulte—Measures to prevent spread—Measures against smallpox at Alausi, Manglar Alto, and Milagro.*

Passed Assistant Surgeon Wightman reports, January 17, through  
Passed Assistant Surgeon Lloyd:

During the 2 weeks ended January 9, 4 steamships were fumigated. They carried an aggregate personnel of 348 members of crews, 65 cabin and 45 steerage passengers.

For the week ended January 2 a total of 51 deaths was recorded for Guayaquil, among which 3 were from plague. There were no deaths from other quarantinable diseases.

For the week ended January 9, 50 deaths in all were recorded, 2 of these being from plague and 2 from yellow fever.

Plague has appeared in the Indian village of Tolte, about 75 miles in the interior of Ecuador, about 3 miles from the line of the Guayaquil and Quito railroad. The first deaths seem to have occurred in the latter part of the month of December, 1908, but as there is no physician in the vicinity of Tolte the first cases were unrecognized. It appears that there have been about 20 deaths to date and that there are 10 cases now under treatment, out of a population of some 70 or 80 persons.

At a distance of about 3 or 4 miles from Tolte there are 3 other villages inhabited wholly by Indians and containing an aggregate population of about 2,000. The conditions in all these villages are extremely favorable for the spread of the disease. The houses generally have dirt floors, no window, and only one door; and they are so dark that it is almost impossible to recognize an individual inside the house in broad daylight. Each house contains from 10 to 50 guinea pigs, besides other animals.

A physician of the public health service of Ecuador has been sent to Tolte with serum and Haffkine's prophylactic and with instructions relative to the measures to be taken.

Plague seems to be quiescent in Babahoyo and Milagro, no new cases having been reported.

An epidemic of smallpox has appeared in Manglar Alto, a small town on the coast about 3 days' travel from Guayaquil. A physician has been sent to assume charge.

Passed Assistant Surgeon Lloyd reports, January 28:

Referring to the outbreak of plague at Tolte, an Indian village about 75 miles in the interior of Ecuador, work was begun January 14 under authority of the public health service of Ecuador, consisting mainly in unroofing infected houses, removing all bedding, clothing, etc., burning out the interior of adobe huts, and killing guinea pigs. All infected houses were treated in this way. Plague cases ceased immediately, and there have been no new cases for 8 days. Milagro, Babahoyo, and Huigra continue free from plague. A recrudescence of the disease has occurred in Guayaquil, there being 26 cases under treatment at present.

The work against yellow fever is being pushed in spite of the exigencies of the plague work, but under great difficulties. Work is being done against smallpox in Milagro, Alausi, and Manglar Alto.

#### HAWAII.

*Reports from Honolulu—Examination of rats for plague infection at Honolulu and Hilo.*

Passed Assistant Surgeon Currie, plague laboratory, reports, February 6 and 15, through Temporary Chief Quarantine Officer Moore:

#### HONOLULU.

*Week ended February 6.*

|                                 |     |
|---------------------------------|-----|
| Total rats taken.....           | 625 |
| Trapped.....                    | 625 |
| Found dead.....                 | 0   |
| Examined bacteriologically..... | 533 |
| Showing plague infection.....   | 0   |

**Classification of rats trapped:**

|                                                                                |       |
|--------------------------------------------------------------------------------|-------|
| Mus alexandrinus .....                                                         | 109   |
| Mus musculus .....                                                             | 316   |
| Mus norvegicus .....                                                           | 70    |
| Mus rattus .....                                                               | 130   |
| Average number of traps set daily .....                                        | 1,544 |
| Poisons placed (Barium carbonate) .....                                        | 75    |
| Rats from Hilo referred to this laboratory for bacteriological diagnosis ..... | 2     |
| Rats from Hilo still under investigation .....                                 | 3     |
| Rats from Hilo proved to be plague infected during week .....                  | 3     |

*Week ended February 13.*

|                                                                                |       |
|--------------------------------------------------------------------------------|-------|
| Total rats taken .....                                                         | 547   |
| Trapped .....                                                                  | 547   |
| Found dead .....                                                               | 0     |
| Examined bacteriologically .....                                               | 454   |
| Showing plague infection .....                                                 | 0     |
| Classification of rats trapped:                                                |       |
| Mus alexandrinus .....                                                         | 77    |
| Mus musculus .....                                                             | 282   |
| Mus norvegicus .....                                                           | 66    |
| Mus rattus .....                                                               | 122   |
| Average number of traps set daily .....                                        | 1,544 |
| Poisons placed (Barium carbonate) .....                                        | 215   |
| Rats from Hilo referred to this laboratory for bacteriological diagnosis ..... | 0     |
| Rats from Hilo still under investigation .....                                 | 3     |
| Rats from Hilo proved to be plague infected during week .....                  | 0     |

**HILO.***Week ended January 30.*

|                                            |     |
|--------------------------------------------|-----|
| Total rats taken .....                     | 223 |
| Trapped .....                              | 212 |
| Found dead .....                           | 11  |
| Examined by agent of board of health ..... | 223 |
| Classification of rats:                    |     |
| Mus alexandrinus .....                     | 16  |
| Mus musculus .....                         | 20  |
| Mus norvegicus .....                       | 67  |
| Mus rattus .....                           | 120 |

*Week ended February 6.*

|                                            |     |
|--------------------------------------------|-----|
| Total rats taken .....                     | 159 |
| Trapped .....                              | 148 |
| Found dead .....                           | 11  |
| Examined by agent of board of health ..... | 155 |
| Classification of rats:                    |     |
| Mus alexandrinus .....                     | 9   |
| Mus musculus .....                         | 4   |
| Mus norvegicus .....                       | 101 |
| Mus rattus .....                           | 45  |

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

Acting Assistant Surgeon Eakins reports February 11:

Week ended February 6. Bill of health issued to the steamship *Kasama*, bound for Boston and New York with a total crew of 46, and to the steamship *Den of Mains*, bound for Philadelphia and New York with a total crew of 59. The usual precautions were taken, holds

fumigated, rat guards placed on wharf lines, and Asiatics' effects disinfected.

Week ended January 30. At Calcutta there were 17 deaths from cholera, 14 from plague, and 83 from smallpox; in Bengal, 287 cases and 250 deaths from plague; in India, 3,563 cases and 2,897 deaths from plague.

## ITALY.

*Report from Naples—Inspection of vessels—Examination of emigrants—Smallpox at Naples—Status of smallpox in Italy.*

Assistant Surgeon Wollenberg reports, February 13:

*Vessels inspected at Naples and Palermo, week ended February 13.*

## NAPLES.

| Date.  | Name of ship.        | Destination.       | Steerage passengers inspected and passed. | Pieces of baggage inspected and passed. | Pieces of baggage disinfected. |
|--------|----------------------|--------------------|-------------------------------------------|-----------------------------------------|--------------------------------|
| Feb. 7 | Luisiana .....       | New York .....     | 985                                       | 30                                      | 950                            |
| 9      | Verona .....         | Philadelphia ..... | 774                                       | 40                                      | 1,100                          |
| 10     | Cretic .....         | Boston .....       | 875                                       | 80                                      | 1,520                          |
| 10     | Re d'Italia .....    | New York .....     | 835                                       | 50                                      | 1,380                          |
| 10     | Calliope .....       | Philadelphia ..... |                                           |                                         |                                |
| 12     | Nord America .....   | New York .....     | 722                                       | 20                                      | 950                            |
| 13     | Germania .....       | do .....           | 713                                       | 40                                      | 980                            |
| 13     | Prinzess Irene ..... | do .....           | 1,094                                     | 70                                      | 1,250                          |
|        | Total .....          |                    | 5,998                                     | 330                                     | 8,130                          |

## PALERMO.

|         |                    |                |     |     |     |
|---------|--------------------|----------------|-----|-----|-----|
| Feb. 11 | Re d'Italia .....  | New York ..... | 452 | 556 | 132 |
| 13      | Nord America ..... | do .....       | 293 | 357 | 144 |
|         | Total .....        |                | 745 | 913 | 276 |

*Rejections recommended.*

## NAPLES.

| Date.  | Name of ship.        | Trachoma. | Favus. | Suspected trachoma. | Suspected favus. | Other causes. | Total. |
|--------|----------------------|-----------|--------|---------------------|------------------|---------------|--------|
| Feb. 7 | Luisiana .....       | 19        | 4      | 6                   | 1                | 4             | 34     |
| 9      | Verona .....         | 10        | 8      | 3                   |                  | 7             | 28     |
| 10     | Cretic .....         | 24        | 7      | 16                  |                  | 6             | 53     |
| 10     | Re d'Italia .....    | 27        | 3      | 16                  |                  | 5             | 51     |
| 10     | Calliope .....       |           |        |                     |                  |               |        |
| 12     | Nord America .....   | 19        | 2      | 12                  |                  | 5             | 38     |
| 13     | Germania .....       | 12        | 5      | 5                   |                  | 3             | 25     |
| 13     | Prinzess Irene ..... | 19        | 2      | 5                   |                  | 1             | 27     |
|        | Total .....          | 130       | 31     | 63                  | 1                | 31            | 256    |

## PALERMO.

|         |                    |    |  |    |  |   |    |
|---------|--------------------|----|--|----|--|---|----|
| Feb. 11 | Re d'Italia .....  | 21 |  | 14 |  | 6 | 41 |
| 13      | Nord America ..... | 21 |  | 20 |  | 2 | 43 |
|         | Total .....        | 42 |  | 34 |  | 8 | 84 |

*Smallpox in Naples.*—During the week ended February 14 there were 7 cases of smallpox and 1 death reported at the health office of the city of Naples.

*Status of smallpox in Italy.*—Week ended February 14.

Provinces: Spoleto (Perugia), 2; Viareggio (Lucca), 2; Verona, 1; Venice, 1; Pescina (Aquila), 1.

#### JAPAN.

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

Passed Assistant Surgeon Cumming reports:

Number of emigrants per steamship *Korea* recommended February 10 for rejection: For Honolulu, 5; for San Francisco, 1.

Rejections were for trachoma.

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

Sanitary Inspector Bowie reports:

Number of emigrants per steamship *Korea* February 4 for Honolulu, recommended for rejection, 3.

#### PHILIPPINE ISLANDS.

##### *Reports from Manila—Smallpox—Status of cholera in the provinces—Inspection of vessels.*

Chief Quarantine Officer McClintic reports, January 20:

Week ended January 16. The only quarantinable disease reported for the city of Manila was 1 case with 1 death from smallpox. There were no cases of cholera reported during the week. Only a few cases of cholera were reported from the pueblos in the Mariquina Valley, adjacent to Manila. Energetic measures have been put in operation there by the bureau of health. The carnival, which begins on February 2, will bring together a large crowd of all classes of people.

During the week the following cases and deaths of cholera were reported as having occurred in the provinces:

| Province.              | Cases. | Deaths. | Province.         | Cases. | Deaths. |
|------------------------|--------|---------|-------------------|--------|---------|
| Rizal.....             | 16     | 15      | Laguna.....       | 5      | 3       |
| Bohol.....             | 13     | 13      | Samar.....        | 8      | 4       |
| Cebu.....              | 5      | 4       | Ilocos Norte..... | 4      | 4       |
| Capiz.....             | 148    | 85      | Sorsogon.....     | 20     | 9       |
| Iloilo.....            | 1      | 1       | Cagayan.....      | 5      | 3       |
| Pampanga.....          | 7      | 6       |                   |        |         |
| Antique.....           | 2      | 3       |                   |        |         |
| Negros Occidental..... | 11     | 9       | Total.....        | 245    | 159     |

It will be observed that most of the cases in the provinces are reported from Capiz, which is one of the provinces in which the disease first appeared, and where it has continued, without moderation, in epidemic form.

During the week consular bills of health were issued at the port of Manila as follows:

January 15, the United States Army transport *Buford* was granted a bill of health for San Francisco via Nagasaki and Honolulu. The crew and steerage passengers were bathed and their effects disinfected at the Mariveles Quarantine Station. The cargo and baggage was inspected and either disinfected or passed and labeled accordingly. The decks, steerage compartments, and forecastles were disinfected. All persons on board were inspected at the hour of sailing.

January 16, the British steamship *Tean*, with 68 in the crew, en route from Hongkong to Cebu, was granted a supplemental bill of health.

#### RUSSIA.

*Report from Libau—Status of cholera in Russia—Smallpox and leprosy in Libau in 1908—Examination of emigrants.*

Acting Assistant Surgeon De Forrest reports, February 20:

No reports of cholera in St. Petersburg were received for February 11, 13, and 15. For February 10, 12, 14, and 16, 142 cholera cases with 43 deaths were reported. Cholera was reported for other localities in Russia as follows:

February 18. Jaroslav, 2 new cases; Rubinsk, 22 cases, 8 deaths.

During the year 1908 there were 11 cases of smallpox reported at Libau with 3 deaths, and 2 cases of leprosy.

Ninety-two emigrants leaving per steamship *Lituania* March 2 have been examined.

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

AFRICA—*Lourenço Marquez*.—Month of December, 1908. Estimated population, 10,000. Total number of deaths 40, including malaria 3, and 11 from tuberculosis.

*Transevaal—Johannesburg*.—Two weeks ended January 23, 1909. Estimated population, 180,687. Total number of deaths, 152, including enteric fever 9, and 30 from tuberculosis.

*Algeria—Algiers*.—Month of January, 1909. Estimated population, 155,000. Total number of deaths, 398, including enteric fever 6, smallpox 29, diphtheria 2, measles 6, and 65 from tuberculosis.

AUSTRIA-HUNGARY—*Brünn*.—Month of December, 1908. Estimated population, 108,944. Total number of deaths, 218, including tuberculosis 44, diphtheria 1, and 4 from scarlet fever.

EGYPT—*Alexandria*.—Month of January, 1909. Estimated population, 420,000. Total number of deaths not reported. Deaths from contagious diseases reported were: Smallpox 8, enteric fever 7, scarlet fever 1, diphtheria 14, measles 11, and 63 from tuberculosis.

FRANCE—*Cherbourg*.—Month of January, 1909. Estimated population, 43,948. Total number of deaths 83, including enteric fever 1, diphtheria 1, and 15 from tuberculosis.

**GREAT BRITAIN**—*England and Wales*.—The deaths registered in 76 great towns in England and Wales during the week ended February 13, 1909, correspond to an annual rate of 17.5 per 1,000 population, which is estimated at 16,445,281.

*London*.—One thousand six hundred and forty-six deaths were registered during the week, including measles 69, scarlet fever 9, diphtheria 15, enteric fever 4, whooping cough 15, tuberculosis 147, and 19 from diarrhea. The deaths from all causes correspond to an annual rate of 17.8 per 1,000. In greater London 2,310 deaths were registered. In the "outer ring" the deaths included 5 from measles, 8 from diphtheria, 1 from scarlet fever, and 4 from whooping cough.

*Manchester*.—One thousand and twenty-six deaths were registered during the four weeks ended January 30, 1909, including measles 55, whooping cough 14, scarlet fever 20, diphtheria 12, enteric fever 17, and 142 from tuberculosis. The deaths from all causes correspond to an annual death rate of 20.5 per 1,000.

*Ireland*.—The average annual death rate represented by the deaths registered during the week ended February 13, 1909, in the 21 principal town districts of Ireland was 20.4 per 1,000 of the population, which is estimated at 1,142,308. The lowest rate was recorded in Lisburn, viz, 4.5, and the highest in Drogheda, viz, 36.8 per 1,000.

*Scotland*.—The deaths registered in 8 principal towns during the week ended February 13, 1909, correspond to an annual rate of 18.2 per 1,000 of the population, which is estimated at 1,839,038. The highest rate of mortality was recorded in Dundee, viz, 22.5, and the lowest in Perth, viz, 13.2 per 1,000. The aggregate number of deaths registered from all causes was 652, including diphtheria 7, scarlet fever 5, whooping cough 49, and enteric fever 2.

**GREECE**—*Patras*.—Two weeks ended February 15, 1909. Estimated population, 40,000. Total number of deaths, 34, including scarlet fever 2, and 4 from tuberculosis.

**WEST INDIES**—*St. Thomas*.—Three weeks ended February 12, 1909. Estimated population, 11,012. Total number of deaths, 14; cause of death not reported.

*Cholera, yellow fever, plague, and smallpox, from December 26, 1908, to March 12, 1909.*

[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 26, 1908, to December 25, 1908, see "PUBLIC HEALTH REPORTS" for December 25, 1908.]

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

## CHOLERA.

| Place.                           | Date.                | Cases. | Deaths. | Remarks.                                                                                                       |
|----------------------------------|----------------------|--------|---------|----------------------------------------------------------------------------------------------------------------|
| <b>Ceylon:</b>                   |                      |        |         |                                                                                                                |
| Colombo.....                     | Nov. 15-Dec. 5....   | 12     | 10      |                                                                                                                |
| <b>China:</b>                    |                      |        |         |                                                                                                                |
| Hongkong.....                    | Dec. 28-Jan. 2....   | 1      | 1       |                                                                                                                |
| <b>India:</b>                    |                      |        |         |                                                                                                                |
| Bombay.....                      | Dec. 9-Feb. 9.....   |        | 78      |                                                                                                                |
| Calcutta.....                    | Nov. 1-Jan. 30.....  |        | 137     |                                                                                                                |
| Madras.....                      | Nov. 14-Feb. 5.....  |        | 52      |                                                                                                                |
| Negapatam.....                   | Oct. 31-Nov. 6.....  |        | 1       |                                                                                                                |
| Rangoon.....                     | Nov. 8-Jan. 30.....  |        | 16      |                                                                                                                |
| Indo-China—Cholen                | Nov. 9-15.....       | 1      | 1       |                                                                                                                |
| <b>Persia:</b>                   |                      |        |         |                                                                                                                |
| Tabriz.....                      | Oct. 9-Dec. 28.....  | 1,003  | 500     |                                                                                                                |
| <b>Philippine Islands:</b>       |                      |        |         |                                                                                                                |
| Manila.....                      | Nov. 1-Jan. 2.....   | 84     | 56      | Third quarter, 1908, 673 cases and 458 deaths.                                                                 |
| <b>Provinces</b>                 |                      |        |         | Third quarter, 1908, 17,619 cases and 11,115 deaths.                                                           |
| Antique.....                     | Nov. 1-Jan. 16.....  | 260    | 163     |                                                                                                                |
| Bataan.....                      | Nov. 1-7.....        | 1      | 1       |                                                                                                                |
| Bohol.....                       | Dec. 20-Jan. 16..... | 73     | 50      |                                                                                                                |
| Bulacan.....                     | Nov. 1-Dec. 19.....  | 81     | 67      |                                                                                                                |
| Cagayan.....                     | Nov. 1-Jan. 16.....  | 114    | 67      |                                                                                                                |
| Capiz.....                       | Nov. 1-Jan. 16.....  | 1,056  | 580     |                                                                                                                |
| Cavite.....                      | Nov. 1-Jan. 12.....  | 73     | 56      |                                                                                                                |
| Cebu.....                        | Dec. 20-Jan. 16..... | 17     | 12      |                                                                                                                |
| Ilocos Norte.....                | Nov. 1-Jan. 16.....  | 335    | 235     |                                                                                                                |
| Ilocos Sur.....                  | Nov. 1-Jan. 2.....   | 207    | 140     |                                                                                                                |
| Iloilo.....                      | Nov. 1-Jan. 16.....  | 293    | 154     |                                                                                                                |
| La Laguna.....                   | Nov. 1-Jan. 16.....  | 76     | 49      |                                                                                                                |
| Leyte.....                       | Nov. 1-Jan. 12.....  | 142    | 121     |                                                                                                                |
| Negros Occidental.....           | Nov. 1-Jan. 16.....  | 272    | 175     |                                                                                                                |
| Palawan.....                     | Nov. 1-Dec. 19.....  | 10     | 5       |                                                                                                                |
| Pampanga.....                    | Nov. 1-Jan. 16.....  | 10     | 9       |                                                                                                                |
| Rizal.....                       | Nov. 1-Jan. 16.....  | 221    | 199     |                                                                                                                |
| Samar.....                       | Nov. 1-Jan. 16.....  | 148    | 102     |                                                                                                                |
| Sorsogon.....                    | Jan. 10-16.....      | 20     | 9       |                                                                                                                |
| Surigao.....                     | Nov. 15-Jan. 12..... | 7      | 4       |                                                                                                                |
| Union.....                       | Nov. 1-Jan. 12.....  | 12     | 8       |                                                                                                                |
| Zambales.....                    | Dec. 6-12.....       | 3      | 3       |                                                                                                                |
| <b>Russia, general</b>           | Nov. 15-Feb. 6.....  | 3,764  | 1,538   | Dec. 1, 3 cases are reported present at Riga. From 1 to 4 cases are reported weekly from the following places: |
| Akmolinsk.....                   | Nov. 15-Jan. 23..... | 34     | 13      | Schuscka, Dnjeprorsk (Simferopol), Bjisk, Smeinogorsk, Barnoul, Pokrowsk, Jusowska                             |
| Bakoo.....                       | Nov. 22-28.....      | 3      | 2       | Etschmiadsin, and Dorpat.                                                                                      |
| Batoom.....                      | Nov. 15-21.....      | 4      | 2       |                                                                                                                |
| Cronstadt.....                   | Nov. 15-Jan. 16..... | 3      | 1       |                                                                                                                |
| Don, territory of.....           | Nov. 15-Feb. 6.....  | 185    | 95      |                                                                                                                |
| Ekaterinislav.....               | Nov. 15-Dec. 26..... | 27     | 11      |                                                                                                                |
| Erivan.....                      | Dec. 1-31.....       | 28     | 21      |                                                                                                                |
| Helsingfors.....                 | Jan. 10.....         | 2      |         | In vicinity.                                                                                                   |
| Kerson.....                      | Nov. 15-Dec. 19..... | 2      |         |                                                                                                                |
| Kharkov.....                     | Dec. 6-12.....       | 1      |         |                                                                                                                |
| Kief.....                        | Nov. 15-Dec. 12..... | 11     | 1       |                                                                                                                |
| Kooban.....                      | Nov. 15-Jan. 2.....  | 139    | 76      |                                                                                                                |
| Kostroma.....                    | Dec. 6-12.....       | 1      |         |                                                                                                                |
| Livonia.....                     | Nov. 15-21.....      | 2      | 1       |                                                                                                                |
| Moscow district.....             | Dec. 6-Jan. 30.....  | 8      | 8       | Including Brownitzka.                                                                                          |
| Moscow.....                      | Jan. 17-23.....      | 1      | 1       | Imported.                                                                                                      |
| Odessa.....                      | Nov. 29-Dec. 12..... | 2      | 2       |                                                                                                                |
| Olonets.....                     | Nov. 21-28.....      | 1      | 1       |                                                                                                                |
| Poltava.....                     | Nov. 29-Dec. 5.....  | 3      |         |                                                                                                                |
| Samara gov't dist.....           | Nov. 29-Dec. 5.....  | 7      | 7       |                                                                                                                |
| Samarcand.....                   | Dec. 6-12.....       | 10     | 7       | In vicinity.                                                                                                   |
| Saratov.....                     | Nov. 15-Dec. 12..... | 11     | 6       |                                                                                                                |
| Semipalatinsk, territory of..... | Dec. 19-26.....      | 1      |         |                                                                                                                |
| Stavropol.....                   | Nov. 15-21.....      | 1      |         |                                                                                                                |
| St. Petersburg, government.....  | Nov. 15-Dec. 30..... | 12     | 7       |                                                                                                                |
| St. Petersburg.....              | Nov. 29-Feb. 6.....  | 1,583  | 509     | Feb. 16, still present.                                                                                        |
| Tambov.....                      | Nov. 15-Dec. 12..... | 16     | 8       |                                                                                                                |
| Tavride.....                     | Nov. 15-Dec. 19..... | 9      | 5       |                                                                                                                |
| Terek, territory of.....         | Nov. 15-Dec. 19..... | 99     | 62      |                                                                                                                |
| Tiflis.....                      | Nov. 15-21.....      | 9      | 4       |                                                                                                                |
| Tomsk.....                       | Nov. 15-Jan. 23..... | 102    | 48      |                                                                                                                |

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

## CHOLERA—Continued.

| Place.               | Date.              | Cases. | Deaths. | Remarks. |
|----------------------|--------------------|--------|---------|----------|
| Russia—Continued.    |                    |        |         |          |
| Tver, district ..... | Nov. 15-Dec. 5.... | 4      | .....   |          |
| Volgoda .....        | Dec. 6-12.....     | 1      | .....   |          |
| Yelisavetpol .....   | Nov. 26-Dec. 5.... | 5      | 10      |          |
| Siam:                |                    |        |         |          |
| Bangkok .....        | Nov. 1-Dec. 5....  | 1      | .....   |          |
| Straits Settlements: |                    |        |         |          |
| Singapore .....      | Nov. 8-Jan. 23.... | .....  | 161     |          |

## YELLOW FEVER.

|                           |                     |       |       |                                                                                                |
|---------------------------|---------------------|-------|-------|------------------------------------------------------------------------------------------------|
| Barbados, general .....   | Dec. 12-Feb. 16.... | 34    | 11    | Including the parishes of St. Andrew, St. Lucy, and St. Joseph.                                |
| Bridgetown .....          | Dec. 12-Feb. 16.... | 6     | ..... |                                                                                                |
| Brazil:                   |                     |       |       |                                                                                                |
| Bahia .....               | Nov. 15-Jan. 16.... | 53    | 18    | Feb. 1. Epidemic.                                                                              |
| Manaos .....              | Nov. 29-Jan. 30.... | ..... | 5     |                                                                                                |
| Para .....                | Nov. 22-Feb. 6....  | ..... | 30    |                                                                                                |
| Pernambuco .....          | Nov. 15-30.....     | ..... | 1     |                                                                                                |
| Colombia:                 |                     |       |       |                                                                                                |
| Cartagena .....           | Jan. 8-14.....      | 1     | 1     |                                                                                                |
| Cuba:                     |                     |       |       |                                                                                                |
| Oriente Province—         |                     |       |       |                                                                                                |
| San Luis .....            | Jan. 1-2.....       | 2     | 1     | These cases were removed Dec. 28 and 29, respectively, to Santiago, where 1 case died Dec. 31. |
| Curaçao .....             | Jan. 15.....        | 1     | ..... |                                                                                                |
| Dutch Guiana:             |                     |       |       |                                                                                                |
| Paramaribo .....          | Dec. 1-Jan. 27....  | 32    | 8     |                                                                                                |
| Ecuador:                  |                     |       |       |                                                                                                |
| Guayaquil .....           | Nov. 29-Feb. 13.... | ..... | 26    |                                                                                                |
| Martinique:               |                     |       |       |                                                                                                |
| Fort de France .....      | Dec. 13-Jan. 30.... | 3     | 1     |                                                                                                |
| Mexico:                   |                     |       |       |                                                                                                |
| Itzincal plantation.....  | Dec. 6-12.....      | 2     | 2     |                                                                                                |
| Maxcanu .....             | Dec. 6-Jan. 23....  | 5     | 4     | Aug. 22-Dec. 18, 5 cases not previously reported.                                              |
| Merida .....              | Dec. 6-Feb. 6....   | 13    | 7     |                                                                                                |
| San Bernardo plantation.. | Dec. 27-Jan. 30.... | 4     | 2     |                                                                                                |
| Sodzil plantation.....    | Dec. 13-Jan. 2....  | 7     | 5     |                                                                                                |
| Ticul .....               | Feb. 1-6.....       | 1     | 1     |                                                                                                |
| Veracruz .....            | Dec. 6-Feb. 13....  | 13    | 6     |                                                                                                |
| Trinidad:                 |                     |       |       |                                                                                                |
| Port of Spain .....       | Jan. 20.....        | ..... | 1     |                                                                                                |

## PLAGUE.

|                      |                     |       |       |                         |
|----------------------|---------------------|-------|-------|-------------------------|
| Australia:           |                     |       |       |                         |
| Brisbane .....       | Nov. 1-7.....       | 1     | 1     |                         |
| Brazil:              |                     |       |       |                         |
| Bahia .....          | Nov. 15-Jan. 9....  | 23    | 12    | Feb. 1, Epidemic.       |
| Para .....           | Jan. 24-Feb. 6....  | ..... | 2     |                         |
| Pernambuco .....     | Nov. 1-Dec. 31....  | ..... | 10    |                         |
| Rio de Janeiro ..... | Nov. 16-Jan. 17.... | 57    | 29    |                         |
| Chile:               |                     |       |       |                         |
| Iquique .....        | Nov. 22-Jan. 26.... | 22    | 3     |                         |
| China:               |                     |       |       |                         |
| Hankau .....         | Nov. 30-Dec. 5....  | 1     | 1     | On river boat Loongwo.  |
| Hongkong .....       | Nov. 8-Jan. 2....   | 2     | ..... |                         |
| Tientsin .....       | Oct. 18-Nov. 21.... | ..... | ..... | Still present.          |
| Tongshan .....       | Nov. 1-14.....      | ..... | ..... | Present.                |
| Ecuador:             |                     |       |       |                         |
| Guayaquil .....      | Nov. 29-Feb. 23.... | ..... | 34    |                         |
| Milagro .....        | Nov. 17-Dec. 12.... | 17    | 8     | Dec. 19, still present. |
| Tolte .....          | Dec. 25-Jan. 17.... | 30    | 20    |                         |
| Egypt:               |                     |       |       |                         |
| Alexandria .....     | Nov. 14-Dec. 4....  | 3     | ..... |                         |
| Port Said .....      | Dec. 4.....         | 1     | ..... |                         |
| Provinces—           |                     |       |       |                         |
| Assiout .....        | Dec. 2-Jan. 13....  | 5     | 5     |                         |
| Beherah .....        | Nov. 24-Dec. 26.... | 11    | 6     |                         |
| Dakaklieh .....      | Feb. 4.....         | 1     | 1     |                         |
| Galyoobeeyeh .....   | Nov. 21-Feb. 2....  | 3     | ..... |                         |
| Garbieh .....        | Nov. 27-Jan. 28.... | 4     | 2     |                         |
| Girgeh .....         | Oct. 18-Feb. 1....  | 6     | 6     |                         |
| Fayoum .....         | Nov. 23-Dec. 1....  | 1     | 1     |                         |
| Menouf .....         | Nov. 27-Jan. 17.... | 155   | 35    |                         |
| Minieh .....         | Nov. 25-Jan. 27.... | 4     | ..... |                         |

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

## PLAGUE—Continued.

| Place.                              | Date.            | Cases. | Deaths. | Remarks.                         |
|-------------------------------------|------------------|--------|---------|----------------------------------|
| <b>India:</b>                       |                  |        |         |                                  |
| Bombay Presidency and Sind.         | Nov. 2-Jan. 9    | 10,519 | 7,444   |                                  |
| Madras Presidency                   | Nov. 2-Jan. 9    | 634    | 475     |                                  |
| Bengal                              | Nov. 2-Jan. 9    | 1,261  | 1,064   |                                  |
| United Provinces                    | Nov. 2-Jan. 9    | 1,164  | 985     |                                  |
| Punjab                              | Nov. 2-Jan. 9    | 4,691  | 3,904   |                                  |
| Burma                               | Nov. 2-Jan. 9    | 1,129  | 1,093   |                                  |
| Central provinces, including Berar. | Nov. 2-Jan. 9    | 1,818  | 1,356   |                                  |
| Coorg                               | Nov. 2-Dec. 17   | 5      | 3       |                                  |
| Mysore State                        | Nov. 2-Jan. 9    | 1,845  | 1,301   |                                  |
| Hyderabad State                     | Nov. 2-Jan. 9    | 343    | 285     |                                  |
| Central India                       | Nov. 2-Jan. 9    | 555    | 438     |                                  |
| Rajputana                           | Nov. 2-Jan. 9    | 767    | 752     |                                  |
| Grand total                         |                  | 24,731 | 19,100  |                                  |
| <b>Indo-China:</b>                  |                  |        |         |                                  |
| Cholen                              | Oct. 25-Dec. 19  | 12     | 11      | Including Chuquan:               |
| Saigon                              | Oct. 25-Jan. 16  | 10     | 9       |                                  |
| <b>Japan:</b>                       |                  |        |         |                                  |
| Formosa                             | Nov. 8-Jan. 23   | 39     | 25      |                                  |
| Kagi, prefecture                    | Jan. 16          | 5      |         |                                  |
| Hioo                                |                  |        |         |                                  |
| Kagoshima                           | Feb. 6           | 1      |         | From s. s. Shinkochi.            |
| Kobe                                | Jan. 20          | 2      | 2       |                                  |
| Nara                                |                  |        |         | Year 1908, 219 cases additional. |
| Nishinomiya                         | Jan. 6           | 1      |         | Year 1908, 2 cases additional.   |
| Osaka                               | Dec. 22          | 2      | 1       | Year 1908, 53 cases.             |
|                                     |                  |        |         | Year 1908, 59 cases additional;  |
|                                     |                  |        |         | Jan. 29, on s. s. Shinkochi      |
|                                     |                  |        |         | Maru.                            |
|                                     |                  |        |         | Year 1908.                       |
| Yura                                |                  | 116    | 83      |                                  |
| Mauritius                           | Oct. 2-Nov. 28   |        | 64      |                                  |
| <b>Peru:</b>                        |                  |        |         |                                  |
| Callao                              | Nov. 13-Jan. 28  | 17     | 6       |                                  |
| Catacaos                            | Dec. 11-Jan. 14  | 4      |         |                                  |
| Chorrillos                          | Jan. 22-28       | 2      | 1       |                                  |
| Chopen                              | Nov. 27-Jan. 28  | 13     | 3       |                                  |
| Chiclayo                            | Nov. 13-Jan. 28  | 26     | 15      |                                  |
| Chota                               | Jan. 22-28       |        | 2       |                                  |
| Eten                                | Nov. 13-Dec. 31  | 11     | 10      |                                  |
| Ferrenafe                           | Nov. 13-Dec. 24  | 9      | 3       |                                  |
| Lima                                | Nov. 13-Jan. 28  | 38     | 13      |                                  |
| Mollendo                            | Nov. 13-Jan. 28  | 8      | 3       |                                  |
| Monsefu                             | Nov. 13-Dec. 24  | 7      | 2       |                                  |
| Motupe                              | Dec. 17-Jan. 14  | 2      |         |                                  |
| Oyotun, plantation                  | Nov. 20          | 4      |         |                                  |
| Paita                               | Dec. 11-17       | 3      | 2       |                                  |
| Piura                               | Dec. 11-Jan. 14  | 6      | 4       |                                  |
| San Jose (Lambayeque)               | Nov. 13-Dec. 3   | 2      |         |                                  |
| San Pedro                           | Nov. 13-Jan. 14  | 23     | 16      |                                  |
| Trujillo                            | Nov. 13-Jan. 28  | 129    | 57      |                                  |
| Zaña                                | Jan. 14-28       | 2      | 2       |                                  |
| <b>Siam:</b>                        |                  |        |         |                                  |
| Bangkok                             | Sept. 27-Dec. 19 | 7      | 1       | Present in November.             |
| <b>Straits Settlements:</b>         |                  |        |         |                                  |
| Singapore                           | Nov. 30-Dec. 5   | 1      |         |                                  |
| <b>Turkey in Asia:</b>              |                  |        |         |                                  |
| Bagdad                              | Nov. 6-Feb. 5    | 14     | 7       |                                  |
| Beirut                              | Dec. 17-Jan. 9   | 5      | 5       |                                  |
| Jiddah                              | Dec. 12-Feb. 7   | 31     | 29      |                                  |
| Zanzibar                            | Nov. 10          | 1      | 1       |                                  |

## SMALLPOX.

|                  |                 |   |    |           |
|------------------|-----------------|---|----|-----------|
| Algeria:         |                 |   |    |           |
| Algiers          | Dec. 1-Jan. 31  |   | 58 | Imported. |
| Arabia:          |                 |   |    |           |
| Aden             | Nov. 25-Feb. 1  |   | 66 |           |
| Argentina:       |                 |   |    |           |
| Buenos Aires     | Oct. 1-31       |   | 1  |           |
| Australia:       |                 |   |    |           |
| New South Wales— |                 |   |    |           |
| Newcastle        | Nov. 1-30       | 1 |    |           |
| Austria:         |                 |   |    |           |
| Galicia          | Dec. 20-Jan. 23 | 8 |    |           |
| Silesia          | Jan. 3-9        | 1 |    |           |

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

## SMALLPOX—Continued.

| Place.                           | Date.                 | Cases. | Deaths. | Remarks.                                                           |
|----------------------------------|-----------------------|--------|---------|--------------------------------------------------------------------|
| <b>Brasil:</b>                   |                       |        |         |                                                                    |
| Bahia .....                      | Nov. 15-Jan. 16 ..... | 225    | 16      |                                                                    |
| Pernambuco .....                 | Nov. 1-Dec. 31 .....  |        | 62      |                                                                    |
| Rio de Janeiro .....             | Nov. 16-Jan. 17 ..... | 1,165  | 563     |                                                                    |
| Santos .....                     | Nov. 1-Dec. 20 .....  |        | 10      |                                                                    |
| São Paulo .....                  | Nov. 1-Dec. 27 .....  |        | 36      |                                                                    |
| <b>British Honduras:</b>         |                       |        |         |                                                                    |
| Stann Creek .....                | Feb. 5-25 .....       | 3      | 1       | 32 miles south of Belize.                                          |
| <b>British South Africa:</b>     |                       |        |         |                                                                    |
| Cape Town .....                  | Dec. 28-Jan. 2 .....  | 4      |         |                                                                    |
| <b>Canada:</b>                   |                       |        |         |                                                                    |
| <b>British Columbia—</b>         |                       |        |         |                                                                    |
| Vancouver .....                  | Dec. 1-31 .....       | 1      |         |                                                                    |
| Victoria .....                   | Dec. 12 .....         | 25     | 4       |                                                                    |
| <b>Manitoba—</b>                 |                       |        |         |                                                                    |
| Winnipeg .....                   | Dec. 20-Jan. 20 ..... | 6      |         |                                                                    |
| Ontario, Province, general ..... | Dec. 1-31 .....       | 118    |         |                                                                    |
| Hamilton .....                   | Jan. 17-23 .....      | 1      |         |                                                                    |
| Toronto .....                    | Nov. 8-28 .....       | 7      |         |                                                                    |
| <b>Nova Scotia—</b>              |                       |        |         |                                                                    |
| Halifax .....                    | Dec. 13-Feb. 27 ..... | 49     |         |                                                                    |
| Tusketwedge .....                | Feb. 13 .....         | 1      |         |                                                                    |
| Yarmouth .....                   | Dec. 1-Feb. 27 .....  | 46     |         | And vicinity.                                                      |
| <b>Quebec—</b>                   |                       |        |         |                                                                    |
| Montreal .....                   | Dec. 26-Jan. 2 .....  | 1      |         |                                                                    |
| <b>Ceylon:</b>                   |                       |        |         |                                                                    |
| Colombo .....                    | Nov. 1-21 .....       | 62     | 13      |                                                                    |
| <b>Chile:</b>                    |                       |        |         |                                                                    |
| Talcaguana .....                 | Nov. 20-Jan. 28 ..... |        |         | Present in vicinity.                                               |
| Valparaiso .....                 | Dec. 6-19 .....       | 2      |         |                                                                    |
| <b>China:</b>                    |                       |        |         |                                                                    |
| Amoy .....                       | Oct. 11-Nov. 8 .....  |        | 2       | Dec. 19, still present.                                            |
| Shanghai .....                   | Nov. 11-Jan. 10 ..... | 4      | 1       | 3 cases Nov. 11-Dec. 28 from U. S. transport Seward.               |
| <b>Cuba:</b>                     |                       |        |         |                                                                    |
| Habana .....                     | Dec. 26-Jan. 19 ..... | 3      |         | Case Dec. 26 on s. s. Floride, case Jan. 19 on s. s. Alfonso XIII. |
| <b>Ecuador:</b>                  |                       |        |         |                                                                    |
| Manglar Alto .....               | Jan. 17 .....         |        |         | Epidemic.                                                          |
| <b>Egypt, general</b>            | Nov. 12-Jan. 14 ..... | 431    | 109     |                                                                    |
| Alexandria .....                 | Nov. 26-Jan. 21 ..... | 20     | 11      |                                                                    |
| Cairo .....                      | Nov. 19-Feb. 4 .....  | 262    | 107     |                                                                    |
| <b>France:</b>                   |                       |        |         |                                                                    |
| Marseille .....                  | Dec. 1-Jan. 31 .....  |        | 2       |                                                                    |
| Paris .....                      | Nov. 22-Feb. 6 .....  | 25     | 1       |                                                                    |
| <b>Germany, general</b>          | Nov. 19-Feb. 13 ..... | 32     |         |                                                                    |
| Bremen .....                     | Jan. 16-23 .....      | 2      |         |                                                                    |
| Breslau .....                    | Dec. 20-26 .....      | 1      |         |                                                                    |
| Brunswick .....                  | Feb. 16-20 .....      | 1      |         |                                                                    |
| Königsberg .....                 | Jan. 9 .....          | 1      |         |                                                                    |
| <b>Greece:</b>                   |                       |        |         |                                                                    |
| Athens .....                     | Nov. 22-Jan. 2 .....  |        | 4       |                                                                    |
| Patras .....                     | Dec. 16-31 .....      | 1      | 1       |                                                                    |
| <b>Great Britain:</b>            |                       |        |         |                                                                    |
| Bristol .....                    | Dec. 13-Feb. 20 ..... | 14     | 3       |                                                                    |
| London .....                     | Feb. 1-6 .....        | 1      |         |                                                                    |
| <b>Guatemala:</b>                |                       |        |         |                                                                    |
| Guatemala City .....             | Dec. 21 .....         | 600    | 200     | Estimated, 2,800 cases; 840 deaths. Feb. 11, still present.        |
| <b>India:</b>                    |                       |        |         |                                                                    |
| Bombay .....                     | Nov. 25-Feb. 9 .....  |        | 70      |                                                                    |
| Calcutta .....                   | Nov. 1-Jan. 30 .....  |        | 437     |                                                                    |
| Madras .....                     | Nov. 28-Feb. 5 .....  |        | 6       |                                                                    |
| Rangoon .....                    | Nov. 22-Jan. 30 ..... |        | 11      |                                                                    |
| <b>Indo-China:</b>               |                       |        |         |                                                                    |
| Cholen .....                     | Nov. 15-Dec. 5 .....  | 6      | 5       |                                                                    |
| Saigon .....                     | Nov. 1-Jan. 9 .....   | 10     | 7       |                                                                    |
| <b>Italy, general</b>            | Nov. 30-Feb. 14 ..... | 150    |         |                                                                    |
| Cinquefrondi .....               | Jan. 15-21 .....      | 13     |         |                                                                    |
| Florence .....                   | Nov. 24-30 .....      | 2      |         |                                                                    |
| Genoa .....                      | Dec. 1-Jan. 15 .....  | 3      |         |                                                                    |
| Latrinole .....                  | Jan. 15-21 .....      | 2      |         |                                                                    |
| Naples .....                     | Dec. 7-Feb. 14 .....  | 218    | 43      | Jan. 18, 1 case on s. s. Europa.                                   |
| Palermo .....                    | Jan. 24-30 .....      | 1      |         |                                                                    |
| Polesella .....                  | Dec. 1 .....          |        |         | Epidemic.                                                          |
| <b>Japan:</b>                    |                       |        |         |                                                                    |
| Formosa .....                    | Nov. 29-Jan. 16 ..... | 10     |         |                                                                    |
| Tokyo .....                      | May 8-Dec. 31 .....   | 314    |         |                                                                    |
| <b>Java:</b>                     |                       |        |         |                                                                    |
| Batavia .....                    | Nov. 1-Jan. 16 .....  | 33     | 3       |                                                                    |

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

## SMALLPOX—Continued.

| Place.                     | Date.                  | Cases. | Deaths. | Remarks.                                  |
|----------------------------|------------------------|--------|---------|-------------------------------------------|
| Malta.....                 | Nov. 22-Feb. 13...     | 4      | .....   | Case Nov. 22 on vessel.                   |
| Manchuria:                 |                        |        |         |                                           |
| Dalny .....                | Jan. 17-23 .....       | 1      | .....   |                                           |
| Mexico:                    |                        |        |         |                                           |
| Acapulco .....             | Jan. 11-31 .....       | 12     | .....   |                                           |
| Guadalajara .....          | Jan. 7-Feb. 18 .....   | 5      | 1       |                                           |
| Mexico City .....          | Nov. 8-Feb. 14 .....   | .....  | 80      |                                           |
| Monterey .....             | Jan. 4-Feb. 21 .....   | .....  | 8       |                                           |
| Salina Cruz .....          | Jan. 1-15 .....        | 5      | .....   |                                           |
| Tehuantepec .....          | Jan. 23-Feb. 3 .....   | .....  | .....   | Present.                                  |
| Veracruz .....             | Dec. 13-Jan. 9 .....   | 3      | 2       |                                           |
| Yucatan, Camp Mengel ..... | Dec. 21 .....          | 1      | .....   |                                           |
| Moluccas Islands .....     | Dec. 12 .....          | .....  | .....   | Do.                                       |
| Netherlands, The:          |                        |        |         |                                           |
| Rotterdam .....            | Jan. 10-16 .....       | 1      | .....   |                                           |
| Newfoundland .....         | Feb. 9-13 .....        | .....  | .....   | Epidemic on south coast.                  |
| St. Johns .....            | Jan. 10-Feb. 13 .....  | 7      | .....   | From s. s. Portia.                        |
| Norway:                    |                        |        |         |                                           |
| Bergen .....               | Jan. 24-30 .....       | .....  | 2       |                                           |
| Christiania .....          | Nov. 22-28 .....       | 1      | 1       |                                           |
| Paraguay:                  |                        |        |         |                                           |
| Asuncion .....             | Dec. 20-26 .....       | .....  | .....   | Present.                                  |
| Persia:                    |                        |        |         |                                           |
| Hamadan .....              | Oct. 2-Dec. 24 .....   | 350    | 100     | Estimated.                                |
| Kerman .....               | Nov. 11 .....          | .....  | .....   | Present.                                  |
| Kermansbah .....           | Oct. 1-31 .....        | .....  | .....   | Do.                                       |
| Suitanabad .....           | Oct. 1-31 .....        | .....  | .....   | Do.                                       |
| Tabriz .....               | Oct. 2-8 .....         | .....  | .....   | Do.                                       |
| Trebizond .....            | Jan. 16 .....          | .....  | .....   | Do.                                       |
| Teheran .....              | Sept. 18-Oct. 28 ..... | .....  | 17      |                                           |
| Peru:                      |                        |        |         |                                           |
| Lima .....                 | Nov. 22-Dec. 31 .....  | 11     | .....   | Jan. 21, 3 cases in the lazaretto.        |
| Salaverry .....            | Nov. 19-25 .....       | .....  | 1       |                                           |
| Philippine Islands:        |                        |        |         |                                           |
| Manila .....               | Nov. 1-Jan. 16 .....   | 11     | 6       | Third quarter, 1908, 84 cases, 38 deaths. |
| Porto Rico:                |                        |        |         |                                           |
| Mayaguez .....             | Dec. 20-Jan. 2 .....   | 2      | .....   |                                           |
| Portugal:                  |                        |        |         |                                           |
| Lisbon .....               | Nov. 30-Feb. 13 .....  | 22     | .....   | One case, Jan. 27, from s. s. Aragon.     |
| Russia:                    |                        |        |         |                                           |
| Batoom .....               | Dec. 1-31 .....        | 1      | .....   |                                           |
| Moscow .....               | Nov. 29-Feb. 6 .....   | 193    | 78      |                                           |
| Odessa .....               | Jan. 3-Feb. 6 .....    | 24     | 4       |                                           |
| Riga .....                 | Nov. 29-Feb. 13 .....  | 10     | .....   |                                           |
| St. Petersburg .....       | Nov. 15-Feb. 6 .....   | 77     | 27      |                                           |
| Warsaw .....               | Nov. 1-Jan. 2 .....    | .....  | 48      |                                           |
| Salvador:                  |                        |        |         |                                           |
| San Salvador .....         | Feb. 6 .....           | 3      | .....   |                                           |
| Santa Ana .....            | Feb. 6 .....           | 40     | .....   | Present on routes to Guatemala.           |
| Servia:                    |                        |        |         |                                           |
| Belgrade .....             | Dec. 6-12 .....        | 2      | .....   |                                           |
| Siam:                      |                        |        |         |                                           |
| Bangkok .....              | Nov. 1-30 .....        | .....  | .....   | Present.                                  |
| Siberia:                   |                        |        |         |                                           |
| Vladivostok .....          | Dec. 14-20 .....       | 1      | .....   |                                           |
| Spain:                     |                        |        |         |                                           |
| Barcelona .....            | Dec. 6-Feb. 23 .....   | .....  | 14      |                                           |
| Cartagena .....            | July 1-31 .....        | .....  | 15      |                                           |
| Madrid .....               | Nov. 1-Jan. 31 .....   | .....  | 35      |                                           |
| Valencia .....             | Nov. 29-Feb. 13 .....  | 36     | 5       |                                           |
| Vigo .....                 | Nov. 30-Feb. 13 .....  | .....  | 8       |                                           |
| Straits Settlements:       |                        |        |         |                                           |
| Singapore .....            | Dec. 23-Jan. 23 .....  | .....  | 3       |                                           |
| Turkey in Asia:            |                        |        |         |                                           |
| Adalia .....               | Sept. 24-27 .....      | .....  | 2       |                                           |
| Bassorah .....             | Jan. 3-30 .....        | .....  | .....   | Do.                                       |
| Smyrna .....               | Oct. 7-Jan. 21 .....   | .....  | 60      | Jan. 5, epidemic.                         |
| Turkey in Europe:          |                        |        |         |                                           |
| Constantinople .....       | Dec. 7-Feb. 21 .....   | .....  | 51      |                                           |

## Weekly mortality table, foreign and insular cities.

| Cities.               | Week ended— | Estimated population. | Total deaths from all causes. | Deaths from—  |         |          |               |           |               |                |                |             |          |
|-----------------------|-------------|-----------------------|-------------------------------|---------------|---------|----------|---------------|-----------|---------------|----------------|----------------|-------------|----------|
|                       |             |                       |                               | Tuberculosis. | Plague. | Cholera. | Yellow fever. | Smallpox. | Typhus fever. | Enteric fever. | Scarlet fever. | Diphtheria. | Measles. |
| Aberdeen              | Feb. 13     | 178,210               | 72                            |               |         |          |               |           |               |                |                |             | 8        |
| Acapulco              | Jan. 31     | 5,000                 | 6                             |               |         |          |               |           |               |                |                |             |          |
| Aden                  | Jan. 25     | 43,794                | 30                            | 1             |         |          |               | 9         |               |                |                |             |          |
| Do                    | Feb. 1      | 43,794                | 37                            | 5             |         |          |               |           |               |                |                |             |          |
| Aguascalientes        | Feb. 21     | 40,000                | 44                            | 2             |         |          |               | 5         |               |                |                |             |          |
| Aix-la-Chapelle       | Jan. 30     | 159,492               | 66                            | 7             |         |          |               |           |               |                | 1              | 2           | 7        |
| Do                    | Feb. 6      | 159,492               | 71                            | 5             |         |          |               |           |               |                |                | 1           | 4        |
| Alexandria            | Jan. 7      | 388,083               | 210                           | 12            |         |          |               |           |               |                |                | 5           | 2        |
| Do                    | Jan. 14     | 388,083               | 198                           | 16            |         |          |               | 2         |               | 1              |                | 2           | 4        |
| Amsterdam             | Feb. 6      | 565,601               | 147                           | 24            |         |          |               |           |               |                |                | 3           | 3        |
| Do                    | Feb. 13     | 565,601               | 169                           | 16            |         |          |               |           |               |                |                | 3           | 5        |
| Antwerp               | Feb. 6      | 323,921               | 83                            | 13            |         |          |               |           |               |                |                | 1           | 1        |
| Barmen                | do          | 161,100               | 58                            | 7             |         |          |               |           |               |                | 1              | 1           | 4        |
| Barranquilla          | do          | 40,000                | 14                            |               |         |          |               |           |               |                |                |             |          |
| Basel                 | do          | 131,000               | 41                            | 6             |         |          |               |           |               |                | 1              | 1           | 3        |
| Batavia               | Jan. 16     | 194,000               |                               |               |         |          |               |           | 1             |                |                |             |          |
| Belfast               | Feb. 13     | 386,576               | 116                           | 22            |         |          |               |           |               |                |                |             | 1        |
| Belize                | Feb. 18     | 9,113                 | 2                             |               |         |          |               |           |               |                |                |             |          |
| Do                    | Feb. 25     | 9,113                 | 7                             |               |         |          |               |           |               |                |                |             |          |
| Birmingham            | Feb. 13     | 558,336               | 216                           |               |         |          |               |           |               | 3              | 3              | 4           | 25       |
| Bluefields            | Feb. 20     | 2,500                 | 2                             | 1             |         |          |               |           |               |                |                |             |          |
| Bombay                | Feb. 2      | 977,822               | 669                           | 61            | 27      | 1        |               | 19        |               |                |                |             | 1        |
| Bordeaux              | Feb. 13     | 253,000               | 138                           | 15            |         |          |               |           |               |                |                | 1           | 10       |
| Bradford              | Feb. 6      | 293,983               | 127                           | 10            |         |          |               |           |               | 1              |                | 2           |          |
| Do                    | Feb. 13     | 293,983               | 98                            | 5             |         |          |               |           |               |                |                | 4           |          |
| Bremen                | Feb. 6      | 233,751               | 66                            | 11            |         |          |               |           |               |                |                | 2           | 1        |
| Bridgetown            | Feb. 14     | 182,867               |                               |               |         |          | 2             |           |               |                |                |             |          |
| Bristol               | Feb. 13     | 377,642               | 118                           |               |         |          |               | 1         |               |                |                | 2           |          |
| Brussels              | Feb. 6      | 693,720               | 239                           | 25            |         |          |               |           |               |                |                | 5           | 1        |
| Budapest              | Jan. 16     | 804,200               |                               |               |         |          |               |           |               | 3              | 7              | 3           | 1        |
| Do                    | Jan. 23     | 804,200               |                               |               |         |          |               |           |               | 4              | 4              | 2           | 3        |
| Do                    | Jan. 30     | 804,200               |                               |               |         |          |               |           |               |                | 4              |             |          |
| Cairo                 | Jan. 28     | 701,806               | 379                           | 18            |         |          |               | 26        | 4             | 3              |                | 10          | 3        |
| Chemnitz              | Feb. 6      | 270,947               | 83                            | 3             |         |          |               |           |               |                |                | 1           | 1        |
| Christiania           | do          | 237,000               | 64                            |               |         |          |               |           |               |                |                | 2           |          |
| Coburg                | Jan. 31     | 23,470                | 11                            | 2             |         |          |               |           |               |                |                | 1           |          |
| Do                    | Feb. 6      | 23,470                | 8                             |               |         |          |               |           |               |                |                |             | 1        |
| Cognac                | Feb. 13     | 19,483                | 5                             | 1             |         |          |               |           |               |                |                |             |          |
| Cologne               | Feb. 6      | 467,653               | 156                           | 21            |         |          |               |           |               |                | 1              | 6           | 6        |
| Colon                 | Feb. 7      | 16,000                | 10                            |               |         |          |               |           |               |                |                |             |          |
| Do                    | Feb. 14     | 16,000                | 8                             |               |         |          |               |           |               |                |                |             |          |
| Damascus              | Jan. 30     | 250,000               | 50                            |               |         |          |               |           |               |                |                |             |          |
| Do                    | Feb. 6      | 250,000               | 50                            |               |         |          |               |           |               |                |                |             |          |
| Denia                 | do          | 12,431                | 5                             |               |         |          |               |           |               |                |                |             |          |
| Do                    | Feb. 13     | 12,431                | 1                             |               |         |          |               |           |               |                |                |             |          |
| Dresden               | Jan. 31     | 545,100               | 157                           | 21            |         |          |               |           |               |                | 1              | 1           |          |
| Do                    | Feb. 6      | 545,100               | 171                           | 24            |         |          |               |           |               | 1              | 1              | 4           | 1        |
| Dublin                | do          | 394,525               | 196                           | 32            |         |          |               |           |               |                |                | 3           | 7        |
| Do                    | Feb. 13     | 394,525               | 203                           | 31            |         |          |               |           |               | 4              | 1              | 1           | 1        |
| Dundee                | do          | 168,616               | 69                            |               |         |          |               |           |               |                | 2              | 2           |          |
| Durban                | Jan. 23     | 60,972                | 7                             | 2             |         |          |               |           |               |                |                |             | 3        |
| East London           | do          | 49,253                | 5                             |               |         |          |               |           |               |                |                |             |          |
| Edinburgh             | Feb. 13     | 355,366               | 101                           | 8             |         |          |               |           |               |                | 1              |             | 2        |
| Erfurt                | Feb. 6      | 107,555               | 39                            | 3             |         |          |               |           |               |                | 1              | 3           | 4        |
| Flushing              | Feb. 13     | 21,200                | 4                             |               |         |          |               |           |               |                |                |             |          |
| Port-de-France        | Feb. 6      | 27,069                | 12                            |               |         |          |               |           |               |                |                |             |          |
| Do                    | Feb. 13     | 27,069                | 10                            |               |         |          |               |           |               |                |                |             |          |
| Frankfort-on-the-Main | Feb. 6      | 362,600               | 107                           |               |         |          |               |           |               |                | 1              |             |          |
| Fronters              | do          | 9,000                 | 5                             |               |         |          |               |           |               |                |                |             |          |
| Do                    | Feb. 16     | 9,000                 | 8                             |               |         |          |               |           |               |                |                |             | 1        |
| Geneva                | Jan. 30     | 118,500               | 30                            |               |         |          |               |           |               |                |                |             |          |
| Georgetown            | do          | 56,000                | 82                            | 11            |         |          |               |           |               | 1              |                |             |          |
| Ghent                 | Feb. 6      | 164,579               | 57                            | 3             |         |          |               |           |               |                |                | 1           |          |
| Gibraltar             | Feb. 14     | 26,830                | 11                            | 2             |         |          |               |           |               |                |                |             |          |
| Glasgow               | Feb. 19     | 872,021               | 306                           |               |         |          |               |           |               | 2              | 2              | 4           | 30       |
| Gothenburg            | Feb. 6      | 162,200               | 51                            | 12            |         |          |               |           |               |                |                | 1           | 1        |
| Greenock              | Feb. 13     | 72,800                | 27                            |               |         |          |               |           |               |                |                |             |          |
| Guadalajara           | Feb. 18     | 125,000               | 93                            |               |         |          |               | 1         |               |                |                |             |          |
| Guayaquil             | Feb. 6      | 75,000                |                               | 9             | 3       |          | 7             |           |               |                |                |             |          |
| Hamburg               | Feb. 13     | 872,252               | 249                           | 33            |         |          |               |           |               |                | 8              | 2           |          |
| Hamilton, Bermuda     | Feb. 22     | 20,206                | 5                             |               |         |          |               |           |               |                |                |             | 9        |

\* Total deaths include returns from hospital for two weeks.

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. |
| Havre                  | Feb. 6      | 132,430               | 83                            | 15            |         |          |               |           |               | 1              |                |             |          |                 |
| Hull                   | Feb. 13     | 275,552               | 86                            |               |         |          |               |           |               |                |                | 1           | 1        |                 |
| Kobe                   | Jan. 30     | 363,593               | 163                           |               |         |          |               |           |               | 2              |                |             |          |                 |
| Königsberg             | Feb. 6      | 237,600               | 63                            | 5             |         |          |               |           |               | 1              |                |             |          | 2               |
| Lausanne               | Jan. 30     | 56,000                | 21                            |               |         |          |               |           |               |                |                |             |          |                 |
| Leeds                  | Feb. 13     | 484,012               | 156                           | 16            |         |          |               |           |               |                | 2              |             | 4        | 4               |
| Leipzig                | Feb. 6      | 537,686               | 146                           | 29            |         |          |               |           |               |                |                | 3           | 1        | 2               |
| Leith                  | Feb. 13     | 85,721                | 26                            |               |         |          |               |           |               |                |                |             |          | 2               |
| Liege                  | Jan. 30     | 175,870               | 42                            | 3             |         |          |               |           |               |                |                |             |          |                 |
| Do                     | Feb. 19     | 175,870               | 53                            | 4             |         |          |               |           |               |                |                | 1           |          | 1               |
| Liverpool              | Feb. 13     | 760,357               | 308                           | 22            |         |          |               |           |               | 2              | 6              | 5           | 8        | 6               |
| London                 | do          | 4,833,938             | 1,646                         | 147           |         |          |               |           |               | 4              | 9              | 15          | 69       | 15              |
| Lübeck                 | Feb. 6      | 96,000                | 29                            | 1             |         |          |               |           |               |                |                | 1           |          | 1               |
| Lyon                   | do          | 472,114               | 239                           | 52            |         |          |               |           |               |                |                | 2           |          |                 |
| Madras                 | Jan. 29     | 509,346               | 369                           |               |         |          |               | 1         |               |                |                |             | 3        |                 |
| Managua                | Jan. 15     | 22,278                | 9                             |               |         |          |               |           |               |                |                |             |          |                 |
| Do                     | Jan. 22     | 22,278                | 13                            |               |         |          |               |           | 1             |                |                |             |          |                 |
| Do                     | Jan. 30     | 22,278                | 8                             |               |         |          |               |           |               |                |                |             |          |                 |
| Do                     | Feb. 6      | 22,278                | 17                            | 4             |         |          |               |           |               |                |                |             |          | 2               |
| Manaos                 | Jan. 30     | 54,000                | 28                            |               |         |          | 2             |           |               |                |                |             |          |                 |
| Manchester             | Feb. 13     | 665,435               | 254                           | 23            |         |          |               |           |               | 2              |                |             | 4        | 4               |
| Mannheim               | Jan. 30     | 181,612               | 39                            | 10            |         |          |               |           |               |                | 1              |             |          |                 |
| Matamoros              | Feb. 20     | 8,000                 | 5                             |               |         |          |               |           |               |                |                |             |          |                 |
| Mazatlan               | Feb. 13     | 22,000                | 13                            |               |         |          |               |           |               |                |                |             |          |                 |
| Milan                  | Jan. 31     | 900,000               | 274                           | 33            |         |          |               |           |               | 3              | 1              |             |          |                 |
| Do                     | Feb. 7      | 900,000               | 344                           | 34            |         |          |               |           |               | 2              | 2              | 3           | 7        |                 |
| Moncton, N. B.         | Feb. 20     | 13,500                | 6                             | 1             |         |          |               |           |               |                |                |             |          |                 |
| Montreal               | do          | 378,856               | 145                           | 17            |         |          |               |           |               | 1              | 1              | 1           | 2        |                 |
| Monterey               | Feb. 21     | 100,000               | 65                            | 7             |         |          |               | 2         |               |                |                |             |          |                 |
| Nagasaki               | Jan. 24     | 173,118               | 45                            |               |         |          |               |           |               |                |                | 1           |          |                 |
| Nantes                 | Feb. 7      | 161,908               | 83                            | 12            |         |          |               |           |               | 1              | 1              |             |          |                 |
| Newcastle-on-Tyne      | Feb. 13     | 281,584               | 107                           |               |         |          |               |           |               | 1              | 1              |             | 2        | 2               |
| Niuchwang              | Jan. 30     | 60,000                | 7                             |               |         |          |               |           |               |                |                |             |          |                 |
| Nottingham             | Feb. 6      | 260,000               | 114                           | 1             |         |          |               |           |               |                |                |             | 3        | 4               |
| Nuevo Laredo           | Feb. 20     | 8,000                 | 6                             | 1             |         |          |               |           |               |                |                |             |          |                 |
| Nuremberg              | Jan. 30     | 316,180               | 106                           | 19            |         |          |               |           |               |                | 3              |             |          | 3               |
| Odessa                 | do          | 474,000               | 191                           | 29            |         |          |               | 1         | 3             | 1              | 3              | 3           |          | 1               |
| Do                     | Feb. 6      | 474,000               | 217                           | 35            |         |          |               |           |               |                | 6              | 5           |          |                 |
| Ottawa                 | Feb. 13     | 80,200                | 25                            |               |         |          |               |           |               |                |                |             |          |                 |
| Do                     | Feb. 20     | 80,200                | 31                            |               |         |          |               |           |               |                |                |             |          |                 |
| Palermo                | Jan. 23     | 330,000               | 167                           | 9             |         |          |               |           |               |                |                | 1           |          |                 |
| Do                     | Jan. 30     | 330,000               | 187                           | 9             |         |          |               |           |               |                |                |             | 2        |                 |
| Para                   | Feb. 6      | 185,000               | 85                            | 7             | 1       |          | 3             |           |               |                |                |             |          |                 |
| Paris                  | do          | 2,776,397             | 1,134                         | 216           |         |          |               |           |               | 8              | 4              | 2           | 2        | 3               |
| Plymouth               | Feb. 13     | 124,180               | 41                            |               |         |          |               |           |               |                |                | 1           | 3        | 1               |
| Port Elizabeth         | Jan. 23     | 32,959                | 17                            | 1             |         |          |               |           |               | 1              |                |             |          | 2               |
| Do                     | Jan. 30     | 32,959                | 17                            | 4             |         |          |               |           |               | 1              |                |             |          |                 |
| Queenstown             | Feb. 13     | 7,684                 | 5                             |               |         |          |               |           |               |                |                |             |          |                 |
| Rangoon                | Jan. 23     | 252,155               | 169                           | 1             | 10      | 3        |               | 2         |               |                |                |             |          |                 |
| Rotterdam              | Feb. 13     | 412,354               | 105                           |               |         |          |               |           |               |                | 2              |             |          |                 |
| Saigon                 | Jan. 16     | 208,000               |                               |               | 2       |          |               |           |               |                |                |             |          |                 |
| St. John, N. B.        | Feb. 20     | 40,711                | 15                            | 5             |         |          |               |           |               |                |                |             |          |                 |
| Do                     | Feb. 27     | 40,711                | 21                            | 6             |         |          |               |           |               |                |                |             |          |                 |
| St. Petersburg         | Jan. 30     | 1,678,000             | 938                           | 152           |         | 58       |               | 2         |               | 18             | 17             | 20          | 13       | 9               |
| San Felix de Guixols   | Feb. 13     | 11,094                | 5                             | 1             |         |          |               |           |               | 1              |                |             |          |                 |
| Santa Cruz de Tenerife | Feb. 6      | 46,000                | 16                            | 3             |         |          |               |           |               |                |                |             |          |                 |
| Santiago de Cuba       | Feb. 20     | 45,497                | 14                            | 2             |         |          |               |           |               |                |                |             |          |                 |
| Sheffield              | Feb. 6      | 440,000               | 151                           | 11            |         |          |               |           |               |                | 1              | 3           | 14       | 2               |
| Do                     | Feb. 13     | 440,000               | 156                           | 17            |         |          |               |           |               |                |                | 12          |          | 3               |
| Singapore              | Jan. 16     | 260,000               | 221                           | 26            |         | 11       |               | 1         |               |                |                |             |          |                 |
| Do                     | Jan. 23     | 260,000               | 216                           | 26            |         | 5        |               |           |               |                |                |             |          |                 |
| Smyrna                 | Jan. 7      | 400,000               | 76                            | 10            |         |          |               | 3         |               | 1              |                |             | 1        |                 |
| Do                     | Jan. 14     | 400,000               | 77                            | 9             |         |          |               | 2         |               | 1              |                |             |          |                 |
| Do                     | Jan. 21     | 400,000               | 66                            | 7             |         |          |               |           |               | 1              |                | 1           |          |                 |
| Do                     | Jan. 28     | 400,000               | 79                            | 9             |         |          |               |           |               | 1              |                |             |          |                 |
| Southampton            | Feb. 13     | 124,667               | 34                            | 1             |         |          |               |           |               |                |                |             |          |                 |
| South Shields          | do          | 117,627               | 43                            | 7             |         |          |               |           |               |                |                |             |          |                 |
| Stettin                | Feb. 6      | 280,000               | 86                            | 1             |         |          |               |           |               | 1              | 3              |             |          |                 |
| Stockholm              | Jan. 30     | 337,460               | 92                            | 18            |         |          |               |           |               | 4              | 1              |             |          | 2               |
| Tegucigalpa            | Feb. 9      | 24,000                | 1                             |               |         |          |               |           |               |                |                |             |          |                 |
| Trieste                | Feb. 6      | 216,680               | 134                           |               |         |          |               |           |               |                | 1              | 1           |          |                 |

a No report for February 6.

*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. |
| Valencia .....        | Feb. 6      | 250,000               | 106                           | 13            | .....   | .....    | .....         | 2         | .....         | .....          | .....          | 1           |
| Do. ....              | Feb. 13     | 250,000               | 133                           | 8             | .....   | .....    | .....         | .....     | 2             | .....          | .....          | 2           |
| Vevey .....           | Jan. 30     | 14,000                | 5                             | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       |
| Vienna .....          | Feb. 6      | 2,042,426             | 742                           | 110           | .....   | .....    | .....         | .....     | .....         | .....          | 11             | 11          |
| Victoria, B. C. ....  | Feb. 20     | 30,000                | 2                             | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       |
| Vigo .....            | Feb. 13     | 40,000                | 8                             | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | 1           |
| Warsaw .....          | Dec. 26     | 751,595               | 209                           | 34            | .....   | .....    | .....         | 10        | .....         | .....          | 5              | 6           |
| Do. ....              | Jan. 2      | 751,595               | 272                           | 48            | .....   | .....    | .....         | 3         | .....         | 4              | 6              | 4           |
| West Hartlepool. .... | Feb. 13     | 66,750                | 24                            | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       |
| Winnipeg .....        | Feb. 20     | 114,000               | 12                            | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       |
| Yokohama .....        | Feb. 1      | 378,884               | .....                         | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | 2           |
| Zanzibar .....        | Jan. 21     | 75,000                | 18                            | 4             | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       |
| Zurich .....          | Feb. 13     | 180,000               | 54                            | 12            | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       |
|                       |             |                       |                               |               |         |          |               |           |               |                |                | 1           |

By authority of the Secretary of the Treasury:

WALTER WYMAN,

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