

## PUBLIC HEALTH REPORTS.

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

*Summary of work in Chinatown and Latin quarter, San Francisco,  
for the week ended February 20, 1904.*

The following is received from Passed Assistant Surgeon Blue, under date of February 22:

|   |        |
|---|--------|
| Buildings reinspected.....                                | 482    |
| Rooms .....   | 2, 809 |
| Persons inspected .....                                   | 2, 788 |
| Sick .....  | 44     |
| Sick prescribed for at Oriental Dispensary .....          | 7      |
| Dead examined .....                                       | 12     |
| Necropsies .....  | 5      |
| Provisional diagnosis of plague (1 white, 1 Chinese)..... | 2      |
| Rats examined bacteriologically.....                      | 57     |
| Number showing post infection.....                        | 0      |
| Places limed and disinfected .....                        | 579    |
| Times streets swept.....                                  | 3      |
| Sewers flushed .....                                      | 16     |

No plumbing report for this week.

*Measures for destruction of rats.*

SAN FRANCISCO, CAL., *February 20, 1904.*

WYMAN, *Washington:*

Energetic measures for wholesale destruction of rats were decided upon at conference with State and city boards of health and representatives board of supervisors and merchants' association to-day. Money for purchase of Pasteur virus and other poisons was made immediately available. These will be used as soon as possible over large section of city.

BLUE.

*Smallpox in Georgia.*

The following is received from Surgeon Brooks, at Savannah, under date of February 13:

Application was made to Dr. W. W. Owens, member of the State board of health in this city for information as to the amount of smallpox in this State, and to-day he permitted me to make a copy for you (herewith inclosed) of a letter from Dr. H. F. Harris, secretary of the board, embodying all the information obtainable.

[Inclosure.]

ATLANTA, GA., *February 12, 1904.*

MY DEAR DOCTOR: Your letter was received here while I was away, hence the delay in replying. It would be a very wild guess for me to say how many cases of

smallpox there are in Georgia now, but there can be no doubt that there are a great many. I do not doubt that there are thousands. Many people are dying; I have just received a telegram from Doctor Taylor saying that 7 persons have just died at a small town in Liberty County, and I have heard of some 30 in other places in the last few weeks; that these comprise a small percentage of the total number there can be no doubt. I think that all possible publicity should be given the matter, as few are really aware of the real conditions. We are having great difficulty in carrying out vaccination, the prejudice against it being so strong that I much doubt that we can ever do it properly under existing circumstances. A national law seems to me to be the only way in which the object can be arrived at.

Very cordially, yours,

-H. F. HARRIS.

*Transactions on account of yellow fever at Laredo, Tex.*

The following telegram has been received from Acting Assistant Surgeon Frick, at Laredo, Tex.:

FEBRUARY 22, 1904.

Summary report of transactions for the week ended February 20: Fumigated, Laredo, 1 house, containing 10 rooms; Aguilares, 75 houses, containing 187 rooms; Ojuelos, 55 houses, containing 155 rooms.

INSPECTION SERVICE, MEXICAN BORDER.

*Inspection at El Paso, Tex.*

Acting Assistant Surgeon Alexander reports, February 13, as follows: Week ended February 13, 1904. Inspection Mexican Central passengers, 177; inspection Mexican immigrants, 49; inspection Mexicans brought in bond, 52 men; inspection excursionists, special train, 57 persons; disinfection soiled linen imported for laundry, 371 pieces; disinfection of baggage, blankets, etc., of passengers coming from Aguas Calientes, Mexico, 34 pieces; fumigation, 2 carloads of cattle hides; vaccination of immigrants and their children, 13.

*Inspection at Laredo, Tex.*

Acting Assistant Surgeon Hamilton reports through Acting Assistant Surgeon Frick, February 15, as follows: Week ended February 13, 1904: Passenger trains from Mexico inspected, 14; passengers from Mexico inspected, 497; immigrants inspected, 5; persons vaccinated upon entry, 19; Pullman coaches disinfected, 7; day coaches disinfected by reason of having been occupied by person suffering with phthisis, 1; corpse accompanied by embalming certificate, 1.

*Statistical reports of States and cities of the United States—Yearly and monthly.*

CALIFORNIA—*Sacramento*.—Month of January, 1904. Estimated population, 30,000. Total number of deaths 56, including diphtheria 1, enteric fever 2, and 9 from phthisis pulmonalis.

CONNECTICUT.—Reports to the State board of health for the month of January, 1904, from 166 towns having an aggregate estimated population of 934,411, show a total of 1,428 deaths, including diphtheria 29, enteric fever 10, measles 28, scarlet fever 7, whooping cough 8, and 137 from phthisis pulmonalis.

ILLINOIS—*Evanston*.—Month of January, 1904. Estimated population, 21,000. Total number of deaths, 16, including 4 from tuberculosis.

INDIANA—*Evansville*.—Month of January, 1904. Estimated population, 70,000. Total number of deaths 69, including diphtheria 1, enteric fever 1, and 9 from tuberculosis.

IOWA—*Davenport*.—Month of January, 1904. Estimated population, 40,000. Total number of deaths, 56, including scarlet fever 1, and 7 from tuberculosis.

*Des Moines*.—Month of December, 1903. Estimated population, 80,000. Total number of deaths, 57. No deaths from contagious diseases reported.

KENTUCKY—*Lexington*.—Two weeks ended February 13, 1904. Estimated population, 30,000. Total number of deaths, 19, including 2 from tuberculosis.

LOUISIANA—*New Orleans*.—Month of January, 1904. Estimated population, 317,000—white, 233,000; colored, 84,000. Total number of deaths, 733—white, 448; colored, 285—including diphtheria 4, enteric fever 9, measles 5, whooping cough 2, and 104 from tuberculosis.

MAINE—*Biddeford*.—Two weeks ended February 6, 1904. Census population, 16,145. Total number of deaths, 15, including enteric fever 1, and 2 from tuberculosis.

MASSACHUSETTS—*Brockton*.—Month of January, 1904. Estimated population, 46,601. Total number of deaths, 35, including 2 from tuberculosis.

MICHIGAN.—Reports to the State board of health, Lansing, for the week ended February 13, 1904, from 53 observers, indicate that diarrhea, enteric fever, measles, diphtheria, intermittent fever, inflammation of bowels, and whooping cough were more prevalent, and scarlet fever, cancer, smallpox, remittent fever, dysentery, and inflammation of brain were less prevalent than in the preceding week.

Meningitis was reported present at 3, whooping cough at 12, enteric fever at 43, pneumonia at 45, diphtheria at 48, measles at 60, smallpox at 75, scarlet fever at 78, and phthisis pulmonalis at 194 places.

*Grand Haven*.—Month of January, 1904. Estimated population, 6,000. Total number of deaths, 9, including 1 from tuberculosis.

*Grand Rapids*.—Month of January, 1904. Estimated population, 95,000. Total number of deaths, 124, including diphtheria 2, enteric fever 2, whooping cough 1, and 12 from tuberculosis.

NEBRASKA—*Omaha*.—Month of November, 1903. Estimated population, 102,555. Total number of deaths, 84, including enteric fever 1, scarlet fever 2, and 12 from tuberculosis.

Month of December, 1903. Total number of deaths, 107, including measles 1, scarlet fever 4, and 11 from tuberculosis.

NEW YORK—*Auburn*.—Month of January, 1904. Estimated population, 38,500. Total number of deaths, 34, including diphtheria 1, and 7 from tuberculosis.

*Buffalo*.—Month of January, 1904. Estimated population, 380,000. Total number of deaths, 457, including diphtheria 10, enteric fever 13, and 50 from tuberculosis.

OHIO—*Cleveland*.—Month of December, 1903. Estimated population, 400,000. Total number of deaths, 554, including diphtheria 16, enteric fever 28, measles 1, scarlet fever 2, and 56 from tuberculosis.

OREGON—*Portland*.—Month of January, 1904. Estimated population, 120,000. Total number of deaths, 105, including diphtheria 4, enteric fever 4, and 9 from phthisis pulmonalis.

RHODE ISLAND—*Newport*.—Month of January, 1904. Estimated population, 23,000. Total number of deaths, 33, including 4 from tuberculosis.

TENNESSEE—*Chattanooga*.—Month of January, 1904. Estimated population, 40,000—white, 27,000; colored, 13,000. Total number of deaths, 43—white, 21; colored, 22—including scarlet fever 1, and 3 from tuberculosis.

*Nashville*.—Month of January, 1904. Estimated population, 82,947—white, 52,061; colored, 30,886. Total number of deaths, 178—white, 90; colored, 88—including diphtheria 2, enteric fever 2, scarlet fever 2, and 29 from tuberculosis.

UTAH—*Ogden*.—Month of January, 1904. Estimated population, 20,000. Total number of deaths, 23. No deaths from contagious diseases reported.

VIRGINIA—*Richmond*.—Month of January, 1904. Estimated population, 100,000—white, 62,250; colored, 37,750. Total number of deaths, 151, including diphtheria 1, scarlet fever 2, and 23 from tuberculosis.

### *Report of immigration at Miami, Fla.*

*Report of arrivals of alien passengers at Miami during the week ended February 13, 1904.*

| Date of arrival.       | Vessel.          | Where from.  | Number of immigrants. |
|------------------------|------------------|--------------|-----------------------|
| 1904.<br>Feb. 12<br>13 | Miami .....      | Nassau ..... | 2                     |
|                        | Martinique ..... | Habana ..... | 3                     |
|                        | Total .....      | .....        | 5                     |

WM. V. HAWARD, *Inspector in Charge.*

*Report of immigration at New York.*

OFFICE OF THE COMMISSIONER OF IMMIGRATION,  
New York, February 15, 1904.

*Number of alien immigrants who arrived at this port during the week ended February 15, 1904; also names of vessels and ports from which they came.*

| Date of arrival. | Vessel.               | Where from.                | Number of immigrants. |
|------------------|-----------------------|----------------------------|-----------------------|
| 1904.<br>Feb. 7  | Hohenzollern .....    | Genoa and Naples.....      | 1                     |
| 8                | La Lorraine.....      | Havre .....                | 480                   |
| 8                | New York.....         | Southampton.....           | 153                   |
| 8                | Brandenburg.....      | Bremen .....               | 323                   |
| 8                | Anchoria.....         | Glasgow .....              | 113                   |
| 8                | Umbria.....           | Liverpool and Queenstown.. | 302                   |
| 8                | Pretoria.....         | Bermuda .....              | 16                    |
| 8                | Coamo.....            | San Juan .....             | 1                     |
| 8                | Indiana.....          | St. Lucia .....            | 1                     |
| 9                | Palatia.....          | Genoa and Naples.....      | 254                   |
| 9                | Mexico.....           | Habana .....               | 4                     |
| 11               | Vaderland.....        | Antwerp .....              | 364                   |
| 11               | Oscar II.....         | Copenhagen, etc.....       | 212                   |
| 11               | Parina.....           | St. Kitts .....            | 3                     |
| 13               | Pennsylvania.....     | Hamburg.....               | 1,011                 |
| 13               | Citta di Napoli.....  | Naples.....                | 392                   |
| 13               | Victoria.....         | do .....                   | 390                   |
| 13               | Celtic.....           | Liverpool and Queenstown.. | 177                   |
| 13               | Havana.....           | Vera Cruz .....            | 3                     |
| 13               | British Princess..... | Antwerp .....              | 1                     |
| 13               | Victoria.....         | Liverpool.....             | 1                     |
| 13               | Hilary.....           | Para.....                  | 1                     |
|                  | Total .....           |                            | 4,208                 |

WM. WILLIAMS, *Commissioner.*

*Reports from national quarantine*

| Number. | Name of station.                                       | Week ended— | Name of vessel.                               | Date of arrival. | Port of departure. |
|---------|--|-------------|---|------------------|--------------------|
|         | UNITED STATES:   |             |   |                  |                    |
| 1       | Alexandria, Va .....                                   | Feb. 20     | .....   | .....            | .....              |
| 2       | Beaufort, N. C. ....                                   | do ..       | .....   | .....            | .....              |
| 3       | Biscayne Bay, Fla. ....                                | Feb. 13     | .....   | .....            | .....              |
|         | Bocagrande, Fla.—                                      |             |   |                  |                    |
| 4       | Punta Gorda .....                                      | do ..       | .....   | .....            | .....              |
| 5       | Puntarasa .....  | do ..       | .....   | .....            | .....              |
| 6       | Brunswick, Ga .....                                    | do ..       | .....   | .....            | .....              |
| 7       | Cape Charles, Va .....                                 | do ..       | .....   | .....            | .....              |
| 8       | Cape Fear, N. C. ....                                  | do ..       | .....   | .....            | .....              |
| 9       | Cedar Keys, Fla. ....                                  | Feb. 20     | .....   | .....            | .....              |
| 10      | Columbia River, Oreg. ....                             | Feb. 13     | .....   | .....            | .....              |
| 11      | Cumberland Sound, Fla. ....                            | Feb. 20     | .....   | .....            | .....              |
| 12      | Delaware Breakwater quarantine, Lewes, Del. ....       | Feb. 13     | Swed. ss. Marie .....                         | Feb. 8           | Salaverry .....    |
| 13      | Dutch Harbor, Alaska .....                             | Jan. 31     | .....   | .....            | .....              |
| 14      | Eastport, Me .....                                     | Feb. 18     | .....   | .....            | .....              |
| 15      | Eureka, Cal .....                                      | Feb. 13     | .....   | .....            | .....              |
| 16      | Grays Harbor, Wash .....                               | do ..       | .....   | .....            | .....              |
| 17      | Gulf quarantine, Ship Island, Miss. ....               | do ..       | .....   | .....            | .....              |
| 18      | Key West, Fla. ....                                    | do ..       | .....   | .....            | .....              |
| 19      | Los Angeles, Cal .....                                 | do ..       | .....   | .....            | .....              |
| 20      | Newbern, N. C. ....                                    | do ..       | .....   | .....            | .....              |
| 21      | Nome, Alaska .....                                     | Feb. 6      | .....   | .....            | .....              |
| 22      | Pascagoula, Miss. ....                                 | Feb. 13     | .....   | .....            | .....              |
| 23      | Port Angeles, Wash .....                               | Feb. 6      | .....   | .....            | .....              |
| 24      | Portland, Me. ....                                     | Feb. 13     | .....   | .....            | .....              |
| 25      | Port Townsend, Wash .....                              | do ..       | .....   | .....            | .....              |
| 26      | Reedy Island, Del. ....                                | do ..       | .....   | .....            | .....              |
|         | St. Georges Sound, Fla.—                               |             |   |                  |                    |
| 27      | East Pass .....  | Feb. 6      | .....   | .....            | .....              |
|         | West Pass .....  | Feb. 13     | .....   | .....            | .....              |
| 28      | St. Johns River, Fla .....                             | do ..       | .....   | .....            | .....              |
| 29      | San Diego, Cal .....                                   | do ..       | .....   | .....            | .....              |
| 30      | San Francisco, Cal .....                               | do ..       | .....   | .....            | .....              |
| 31      | San Pedro, Cal .....                                   | do ..       | .....   | .....            | .....              |
| 32      | Santa Barbara, Cal .....                               | do ..       | .....   | .....            | .....              |
| 33      | Santa Rosa, Fla .....                                  | do ..       | .....   | .....            | .....              |
| 34      | .....  | Feb. 11     | Nor. bk. Orion <sup>a</sup> .....             | Dec. 21          | East London .....  |
|         | .....  |             | It. bk. Madonna de Pompei. <sup>a</sup> ..... | Jan. 30          | Habana .....       |
|         | .....  |             | Rus. bk. Thomas Perry <sup>a</sup> .....      | Feb. 1           | East London .....  |
|         | .....  |             | Nor. bk. Holbert .....                        | Jan. 8           | do .....           |
|         | .....  |             | Swed. bk. Aracana <sup>a</sup> .....          | Feb. 2           | Durban .....       |
| 35      | Savannah, Ga .....                                     | Feb. 13     | .....   | .....            | .....              |
| 36      | Sitka, Alaska .....                                    | Feb. 6      | .....   | .....            | .....              |
| 37      | South Atlantic quarantine, Blackbeard Island, Ga. .... | Feb. 13     | .....   | .....            | .....              |
| 38      | Southbend, Wash .....                                  | Feb. 6      | .....   | .....            | .....              |
| 39      | Tampa Bay, Fla. ....                                   | Feb. 13     | .....   | .....            | .....              |
| 40      | Washington, N. C. ....                                 | do ..       | .....   | .....            | .....              |
|         | HAWAII:  |             |   |                  |                    |
| 41      | Hilo .....   | Jan. 23     | .....   | .....            | .....              |
|         | .....  | Jan. 30     | .....   | .....            | .....              |
| 42      | Honolulu .....   | do ..       | .....   | .....            | .....              |
| 43      | Kahului .....  | Jan. 23     | .....   | .....            | .....              |
|         | .....  | Jan. 30     | .....   | .....            | .....              |
|         | .....  | Feb. 6      | .....   | .....            | .....              |
| 44      | Kihei .....  | Jan. 23     | .....   | .....            | .....              |
|         | .....  | Jan. 30     | .....   | .....            | .....              |
|         | .....  | Feb. 6      | .....   | .....            | .....              |
| 45      | Koloa .....  | Jan. 23     | .....   | .....            | .....              |
|         | .....  | Jan. 30     | .....   | .....            | .....              |
| 46      | Lahaina .....  | do ..       | .....   | .....            | .....              |
|         | .....  | Feb. 6      | .....   | .....            | .....              |
| 47      | Mahukona .....   | Jan. 23     | .....   | .....            | .....              |
|         | .....  | Jan. 30     | .....   | .....            | .....              |
|         | PHILIPPINE ISLANDS:                                    |             |   |                  |                    |
| 48      | Cebu .....   | Jan. 2      | .....   | .....            | .....              |
| 49      | Iloilo .....   | Jan. 9      | Br. ss. Ibadan, C. T. ....                    | Jan. 3           | Manila .....       |

<sup>a</sup>Previously reported.

and inspection stations.

| Number. | Destination.      | Treatment of vessel, passengers, and cargo.                          | Date of departure. | Remarks.  | Vessels inspected and passed. |
|---------|-------------------|--|--------------------|---|-------------------------------|
| 1       |                   |  |                    | No report   |                               |
| 2       |                   |  |                    | do.   |                               |
| 3       |                   |  |                    |   | 5                             |
| 4       |                   |  |                    | No report   |                               |
| 5       |                   |  |                    | do.   |                               |
| 6       |                   |  |                    | Death from tuberculosis. Captain directed to disinfect room with sulphur candles. | 1                             |
| 7       |                   |  |                    |   | 4                             |
| 8       |                   |  |                    |   | 2                             |
| 9       |                   |  |                    | No report   |                               |
| 10      |                   |  |                    | do.   |                               |
| 11      |                   |  |                    | do.   |                               |
| 12      | Orders.           | Held   | Feb. 8             | Glandular examination   |                               |
| 13      |                   |  |                    | No report   |                               |
| 14      |                   |  |                    |   | 14                            |
| 15      |                   |  |                    | No report   |                               |
| 16      |                   |  |                    | do.   |                               |
| 17      |                   |  |                    | Crew of wrecked vessel inspected.   | 1                             |
| 18      |                   |  |                    |   | 4                             |
| 19      |                   |  |                    | No report   |                               |
| 20      |                   |  |                    | No transactions   |                               |
| 21      |                   |  |                    | No report   |                               |
| 22      |                   |  |                    |   | 6                             |
| 23      |                   |  |                    | No transactions   |                               |
| 24      |                   |  |                    |   | 5                             |
| 25      |                   |  |                    | No report   |                               |
| 26      |                   |  |                    | do.   |                               |
| 27      |                   |  |                    |   | 1                             |
| 28      |                   |  |                    | No transactions   |                               |
| 29      |                   |  |                    | do.   |                               |
| 30      |                   |  |                    |   | 1                             |
| 31      |                   |  |                    |   | 3                             |
| 32      |                   |  |                    | No report   |                               |
| 33      |                   |  |                    | do.   |                               |
| 34      | Pensacola         | Ballast discharged. Fumigated.                                       | Feb. 1             | 2 vessels boarded and passed.   | 8                             |
|         | do                | do   | Feb. 9             |   |                               |
|         | do                | Held to discharge ballast  |                    | Waiting for berth to discharge ballast.   |                               |
|         | do                | Fumigated to kill rats.  | Feb. 8             |   |                               |
| 35      | Tybee, for orders | Fumigated to kill rats.  |                    | Discharging ballast   | 3                             |
| 36      |                   |  |                    | No report   |                               |
| 37      |                   |  |                    |   | 1                             |
| 38      |                   |  |                    | No transactions   |                               |
| 39      |                   |  |                    |   | 2                             |
| 40      |                   |  |                    | No transactions   |                               |
| 41      |                   |  |                    |   | 1                             |
| 42      |                   |  |                    |   | 1                             |
| 43      |                   |  |                    |   | 10                            |
|         |                   |  |                    |   | 1                             |
|         |                   |  |                    | No transactions   |                               |
| 44      |                   |  |                    | do.   |                               |
|         |                   |  |                    | do.   |                               |
|         |                   |  |                    | do.   |                               |
|         |                   |  |                    | do.   |                               |
| 45      |                   |  |                    | do.   |                               |
|         |                   |  |                    | do.   |                               |
| 46      |                   |  |                    | do.   |                               |
|         |                   |  |                    | do.   |                               |
| 47      |                   |  |                    | do.   |                               |
|         |                   |  |                    |   | 1                             |
| 48      |                   |  |                    | 17 bancas inspected and passed.   | 32                            |
| 49      | Cebu.             | Detained 6 hours to exclude quarantinable disease in case of dengue. | Jan. 3             |   | 40                            |

*Reports from national quarantine*

| Number. | Name of station.        | Week ended—  | Name of vessel.            | Date of arrival. | Port of departure.            |
|---------|-------------------------|--------------|----------------------------|------------------|-------------------------------|
|         | PHILIPPINE ISLANDS—CON. |              |                            |                  |                               |
| 50      | Jolo.....               | Dec. 26      | .....                      | .....            | .....                         |
|         |                         | Jan. 2       | .....                      | .....            | .....                         |
| 51      | Manila.....             | Jan. 9       | Br. ss. Perla.....         | Jan. 5           | Hongkong and Amoy.            |
|         |                         |              |                            |                  |                               |
|         | PORTO RICO:             |              |                            |                  |                               |
| 52      | Ponce.....              | Feb. 6       | Ger. ss. Hercynia.....     | Jan. 31          | La Guaira.....                |
|         |                         |              | Am. ss. Zulia.....         | Feb. 3           | .....do.....                  |
|         |                         |              | It. ss. Venezuela.....     | Feb. 4           | Colon.....                    |
|         |                         |              | Aust. ss. Lucia.....       | Feb. 5           | Vera Cruz.....                |
| 53      | San Juan.....           | .....do..... | U. S. F. S. Monongahela... | Jan. 31          | St. Thomas.....               |
|         | Subports—               |              |                            |                  |                               |
| 54      | Aguadilla.....          | .....do..... | .....                      | .....            | .....                         |
| 55      | Arecibo.....            | .....do..... | Ger. ss. Hercynia.....     | Feb. 3           | Curaçao and Venezuelan ports. |
| 56      | Arroyo.....             | .....do..... | .....                      | .....            | .....                         |
| 57      | Fajardo.....            | .....do..... | .....                      | .....            | .....                         |
| 58      | Humacao.....            | .....do..... | .....                      | .....            | .....                         |
| 59      | Mayaguez.....           | .....do..... | Ger. ss. Hercynia.....     | Feb. 4           | Curaçao and Venezuelan ports. |

*Reports from State and*

| Number. | Name of station.               | Week ended—  | Name of vessel. | Date of arrival. | Port of departure. |
|---------|--------------------------------|--------------|-----------------|------------------|--------------------|
| 1       | Baltimore, Md.....             | Feb. 20      | .....           | .....            | .....              |
| 2       | Bangor, Me.....                | .....do..... | .....           | .....            | .....              |
| 3       | Boston, Mass.....              | .....do..... | .....           | .....            | .....              |
| 4       | Charleston, S. C.....          | Feb. 13      | .....           | .....            | .....              |
| 5       | Elizabeth River, Va.....       | Feb. 20      | .....           | .....            | .....              |
| 6       | Galveston, Tex.....            | .....do..... | .....           | .....            | .....              |
| 7       | Gardiner, Oreg.....            | Feb. 13      | .....           | .....            | .....              |
| 8       | Marcushook, Pa.....            | Feb. 20      | .....           | .....            | .....              |
| 9       | Mobile Bay, Ala.....           | .....do..... | .....           | .....            | .....              |
| 10      | New Bedford, Mass.....         | .....do..... | .....           | .....            | .....              |
| 11      | New Orleans, La.....           | Feb. 6       | .....           | .....            | .....              |
| 12      | Newport News, Va.....          | Feb. 20      | .....           | .....            | .....              |
| 13      | Newport, R. I.....             | .....do..... | .....           | .....            | .....              |
| 14      | New York, N. Y.....            | .....do..... | .....           | .....            | .....              |
| 15      | Pass Cavallo, Tex.....         | .....do..... | .....           | .....            | .....              |
| 16      | Port Royal, S. C.....          | .....do..... | .....           | .....            | .....              |
| 17      | Providence, R. I.....          | Feb. 13      | .....           | .....            | .....              |
| 18      | Quintana, Tex.....             | Feb. 20      | .....           | .....            | .....              |
| 19      | Sabine Pass, Tex.....          | .....do..... | .....           | .....            | .....              |
| 20      | St. Helena Entrance, S. C..... | .....do..... | .....           | .....            | .....              |



*and inspection stations—Continued.*

| Number. | Destination. | Treatment of vessel, passengers, and cargo. | Date of departure. | Remarks.   | Vessels inspected and passed. |
|---------|--------------|---|--------------------|--|-------------------------------|
| 50      |              |   |                    |  | 7                             |
| 51      | Manila       | Disinfected                                 | Jan. 5             | 428 steerage passengers and 53 crew bathed and effects and baggage disinfected; personnel inspected. 11 vessels fumigated to exterminate vermin; crews of 32 vessels vaccinated. | 4<br>33                       |
| 52      | Mayaguez     | Held in quarantine                          | Feb. 1             | Took cargo in quarantine under guard.  | 2                             |
|         | New York     | do  | Feb. 3             | Four passengers from Curaçao for Ponce. Two immunes were allowed to disembark.   |                               |
|         | Genoa        | do  | Feb. 4             | Took cargo in quarantine under guard. No passengers for Ponce.   |                               |
|         | Trieste      | do  | Feb.               | Took cargo in quarantine under guard. No cargo, no passengers for Ponce.   |                               |
| 53      | Orders       | Passed on medical officer's certificate.    | Jan. 31            |  | 2                             |
| 54      |              |   |                    |  | 1                             |
| 55      | Arecibo      | Held in quarantine                          | Feb. 3             |  | 2                             |
| 56      |              |   |                    | No transactions.   |                               |
| 57      |              |   |                    |  | 1                             |
| 58      |              |   |                    | No transactions.   |                               |
| 59      | Hamburg      | Held in quarantine                          | Feb. 4             |  | 1                             |

*municipal quarantine stations.*

| Number. | Destination. | Treatment of vessel, passengers, and cargo. | Date of departure. | Remarks.        | Vessels inspected and passed. |
|---------|--------------|---|--------------------|-----------------|-------------------------------|
| 1       |              |   |                    | No report       |                               |
| 2       |              |   |                    | do.             |                               |
| 3       |              |   |                    | do.             |                               |
| 4       |              |   |                    |                 | 3                             |
| 5       |              |   |                    | No report       |                               |
| 6       |              |   |                    | do.             |                               |
| 7       |              |   |                    | do.             |                               |
| 8       |              |   |                    | do.             |                               |
| 9       |              |   |                    | do.             |                               |
| 10      |              |   |                    | do.             |                               |
| 11      |              |   |                    | do.             |                               |
| 12      |              |   |                    |                 |                               |
| 13      |              |   |                    |                 |                               |
| 14      |              |   |                    |                 |                               |
| 15      |              |   |                    |                 |                               |
| 16      |              |   |                    |                 |                               |
| 17      |              |   |                    | No transactions |                               |
| 18      |              |   |                    | No report       |                               |
| 19      |              |   |                    | do.             |                               |
| 20      |              |   |                    | do.             |                               |

*Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, December 26, 1903, to February 26, 1904.*

For reports received from June 27, 1903, to December 25, 1903, see PUBLIC HEALTH REPORTS for December 25, 1903.

| Places.  | Date.                | Cases. | Deaths. | Remarks. |
|--|----------------------|--------|---------|----------|
| <b>Arkansas:</b>                                 |                      |        |         |          |
| Fort Smith.....                                  | Dec. 13-19.....      | 1      | .....   |          |
| Total for State .....                            | .....                | 1      | .....   |          |
| Total for State, same period, 1903. ....         | .....                | .....  | .....   |          |
| <b>California:</b>                               |                      |        |         |          |
| Berkeley.....                                    | Jan. 1-21.....       | 1      | .....   |          |
| Fresno.....                                      | Dec. 1-31.....       | 1      | .....   |          |
| Los Angeles.....                                 | Dec. 27-Jan. 2       | 1      | .....   |          |
| Oakland.....                                     | Jan. 1-31.....       | .....  | 1       |          |
| San Francisco.....                               | Dec. 7-Feb. 7        | 26     | .....   |          |
| Total for State .....                            | .....                | 29     | 1       |          |
| Total for State, same period, 1903. ....         | .....                | 126    | 1       |          |
| <b>Colorado:</b>                                 |                      |        |         |          |
| Boulder County.....                              | Dec. 1-31.....       | 5      | .....   |          |
| Denver County (Denver) .....                     | Dec. 1-31.....       | 9      | .....   |          |
| El Paso County (Colorado Springs included). .... | Dec. 1-Jan. 16       | 6      | .....   |          |
| Huerfano County.....                             | Dec. 1-31.....       | 1      | .....   |          |
| Kit Carson County.....                           | Dec. 1-31.....       | 7      | .....   |          |
| Lake County.....                                 | Dec. 1-31.....       | 1      | .....   |          |
| Larimer County.....                              | Dec. 1-31.....       | 17     | .....   |          |
| Las Animas County.....                           | Dec. 1-31.....       | 1      | .....   |          |
| Mesa County.....                                 | Dec. 1-31.....       | 1      | .....   |          |
| Pitkin County.....                               | Dec. 1-31.....       | 1      | .....   |          |
| Rio Grande County.....                           | Dec. 1-31.....       | 11     | .....   |          |
| Washington County.....                           | Dec. 1-31.....       | 1      | .....   |          |
| Weld County.....                                 | Dec. 1-31.....       | 39     | .....   |          |
| Yuma County.....                                 | Dec. 1-31.....       | 1      | .....   |          |
| Total for State .....                            | .....                | 101    | .....   |          |
| Total for State, same period, 1903. ....         | .....                | 287    | .....   |          |
| <b>District of Columbia:</b>                     |                      |        |         |          |
| Washington.....                                  | Jan. 10-Feb. 13      | 7      | .....   |          |
| Total for District .....                         | .....                | 7      | .....   |          |
| Total for District, same period, 1903. ....      | .....                | 2      | .....   |          |
| <b>Florida:</b>                                  |                      |        |         |          |
| Escambia County (Pensacola). ....                | Nov. 1-Jan. 16       | 11     | .....   |          |
| Dade County (Fort Lauderdale) .....              | Nov. 1-Dec. 31       | 1      | .....   |          |
| Duval County (Jacksonville).....                 | Nov. 1-Feb. 13       | 7      | .....   |          |
| Leon County (Tallahassee).....                   | Nov. 1-Dec. 31       | 2      | .....   |          |
| Polk County (Bartow).....                        | Nov. 1-Dec. 31       | 1      | .....   |          |
| Walton County.....                               | Jan. 2-16.....       | 88     | .....   |          |
| Total for State .....                            | .....                | 110    | .....   |          |
| Total for State, same period, 1903. ....         | .....                | 227    | .....   |          |
| <b>Georgia:</b>                                  |                      |        |         |          |
| Darien.....                                      | Jan. 14.....         | 2      | .....   |          |
| Liberty County.....                              | Feb. 12.....         | .....  | 7       |          |
| Total for State .....                            | .....                | 2      | 7       |          |
| Total for State, same period, 1903. ....         | .....                | 17     | 4       |          |
| <b>Illinois:</b>                                 |                      |        |         |          |
| Belleville.....                                  | Dec. 13-Jan. 30      | 11     | 2       |          |
| Cairo.....                                       | Jan. 1-Feb. 5        | 13     | .....   |          |
| Chicago.....                                     | Dec. 20-Jan. 23      | 15     | .....   |          |
| Danville.....                                    | Dec. 13-Feb. 13      | 15     | .....   |          |
| Evanston.....                                    | Jan. 1-Dec. 31, 1903 | 3      | .....   |          |
| Fairport.....                                    | Jan. 10-16.....      | 1      | .....   |          |
| Total for State .....                            | .....                | 58     | 2       |          |
| Total for State, same period, 1903. ....         | .....                | 85     | 4       |          |

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

| Place.                              | Date.           | Cases. | Deaths. | Remarks.       |
|-------------------------------------|-----------------|--------|---------|----------------|
| <b>Indiana:</b>                     |                 |        |         |                |
| Evansville .....                    | Dec. 13-Jan. 30 | 22     | .....   |                |
| Total for State .....               |                 | 22     | .....   |                |
| Total for State, same period, 1903. |                 | 1,385  | 65      |                |
| <b>Iowa:</b>                        |                 |        |         |                |
| Des Moines .....                    | Jan. 23-29      | 1      | .....   |                |
| Dubuque .....                       | Dec. 27-Jan. 2  | 1      | .....   |                |
| Total for State .....               |                 | 2      | .....   |                |
| Total for State, same period, 1903. |                 | 29     | .....   |                |
| <b>Kentucky:</b>                    |                 |        |         |                |
| Louisville .....                    | Oct. 1-Dec. 31  | 53     | 14      |                |
| Total for State .....               |                 | 53     | 14      |                |
| Total for State, same period, 1903. |                 | 361    | 4       |                |
| <b>Louisiana:</b>                   |                 |        |         |                |
| New Orleans .....                   | Dec. 13-Feb. 13 | 26     | 5       | Nine imported. |
| Total for State .....               |                 | 26     | 5       |                |
| Total for State, same period, 1903. |                 | 6      | .....   |                |
| <b>Maine:</b>                       |                 |        |         |                |
| Athens .....                        | Dec. 31         | .....  | .....   | Present.       |
| Biddeford .....                     | Dec. 13-19      | 1      | .....   |                |
| Brewer .....                        | Dec. 19         | 1      | .....   |                |
| Brighton .....                      | Dec. 31         | 10     | .....   | Do.            |
| Calais .....                        | Feb. 7-18       | 10     | .....   |                |
| Madawaska region .....              | Dec. 1-31       | 39     | .....   |                |
| Madison .....                       | Jan. 28         | 1      | .....   |                |
| Milford .....                       | Jan. 7          | 2      | .....   |                |
| Oldtown .....                       | To Dec. 24      | 9      | .....   |                |
| Orono .....                         | Dec. 19-Jan. 22 | 3      | .....   |                |
| Smithfield .....                    | Jan. 21         | 1      | .....   |                |
| Stacyville .....                    | Jan. 21         | 11     | .....   |                |
| Van Buren .....                     | Jan. 1-31       | 7      | .....   |                |
| Total for State .....               |                 | 85     | .....   |                |
| Total for State, same period, 1903. |                 | 266    | 1       |                |
| <b>Maryland:</b>                    |                 |        |         |                |
| Baltimore .....                     | Jan. 17-Feb. 20 | 3      | .....   |                |
| Total for State .....               |                 | 3      | .....   |                |
| Total for State, same period, 1903. |                 | 26     | .....   |                |
| <b>Massachusetts:</b>               |                 |        |         |                |
| Brockton .....                      | Dec. 20-26      | 1      | .....   |                |
| Fall River .....                    | Dec. 20-26      | 1      | .....   |                |
| Haverhill .....                     | Dec. 20-26      | 1      | .....   |                |
| Lawrence .....                      | Jan. 10-16      | 1      | .....   |                |
| Total for State .....               |                 | 4      | .....   |                |
| Total for State, same period, 1903. |                 | 138    | 28      |                |
| <b>Michigan:</b>                    |                 |        |         |                |
| Detroit .....                       | Dec. 13-Feb. 13 | 12     | .....   |                |
| Flint .....                         | Dec. 13-Feb. 6  | 5      | .....   |                |
| Grand Rapids .....                  | Jan. 2-30       | 5      | .....   |                |
| Port Huron .....                    | Dec. 16-23      | 4      | .....   |                |
| Total for State .....               |                 | 26     | .....   |                |
| Total for State, same period, 1903. |                 | 343    | 8       |                |
| <b>Minnesota:</b>                   |                 |        |         |                |
| Beltrami County .....               | Jan. 5-Feb. 8   | 24     | .....   |                |
| Cass County .....                   | Jan. 26-Feb. 1  | 13     | .....   |                |
| Chisago County .....                | Jan. 12-Feb. 1  | 9      | .....   |                |
| Clay County .....                   | Dec. 22-Feb. 1  | 11     | .....   |                |
| Cottonwood County .....             | Feb. 2-8        | 1      | .....   |                |
| Crow Wing County .....              | Jan. 5-Feb. 8   | 5      | .....   |                |
| Dakota County .....                 | Feb. 2-8        | 2      | .....   |                |
| Douglas County .....                | Jan. 26-Feb. 8  | 3      | .....   |                |

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

| Place.   | Date.           | Cases. | Deaths. | Remarks. |
|--|-----------------|--------|---------|----------|
| <b>Minnesota—Continued.</b>                          |                 |        |         |          |
| Goodhue County.....                                  | Jan. 5-11.....  | 1      | .....   |          |
| Hennepin County.....                                 | Dec. 22-Feb. 1  | 12     | .....   |          |
| Hubbard County.....                                  | Jan. 19-Feb. 1  | 1      | .....   |          |
| Isanti County.....                                   | Dec. 22-Feb. 8  | 25     | .....   |          |
| Itasca County.....                                   | Dec. 15-Jan. 11 | 5      | .....   |          |
| Jackson County.....                                  | Jan. 5-11.....  | 1      | .....   |          |
| Kandiyohi County.....                                | Dec. 15-Feb. 8  | 52     | .....   |          |
| Morrison County.....                                 | Dec. 15-Feb. 1  | 12     | .....   |          |
| Mower County.....                                    | Feb. 2-8.....   | 1      | .....   |          |
| Norman County.....                                   | Feb. 2-8.....   | 1      | .....   |          |
| Ottertail County.....                                | Dec. 15-Feb. 8  | 33     | .....   |          |
| Pine County.....                                     | Feb. 2-8.....   | 2      | .....   |          |
| Polk County.....                                     | Jan. 5-11.....  | 1      | .....   |          |
| Ramsey County.....                                   | Dec. 29-Feb. 8  | 8      | .....   |          |
| Redwood County.....                                  | Jan. 19-25..... | 2      | .....   |          |
| Renville County.....                                 | Jan. 19-Feb. 1  | 5      | .....   |          |
| Rice County.....                                     | Jan. 19-25..... | 1      | .....   |          |
| Roseau County.....                                   | Jan. 12-18..... | 10     | .....   |          |
| St. Louis County.....                                | Jan. 12-Feb. 8  | 3      | .....   |          |
| Stearns County.....                                  | Dec. 15-Feb. 8  | 159    | 1       |          |
| Steele County.....                                   | Jan. 5-18.....  | 2      | .....   |          |
| Swift County.....                                    | Jan. 26-Feb. 8  | 9      | .....   |          |
| Todd County.....                                     | Dec. 15-Feb. 8  | 86     | .....   |          |
| Wabasha County.....                                  | Jan. 26-Feb. 1  | 12     | .....   |          |
| Wadena County.....                                   | Jan. 12-18..... | 2      | .....   |          |
| Washington County.....                               | Dec. 22-Feb. 1  | 17     | 1       |          |
| Wilkin County.....                                   | Jan. 5-Feb. 1   | 3      | .....   |          |
| Cases not previously reported<br>in Hennepin County. | .....           | 11     | .....   |          |
| Total for State.....                                 | .....           | 548    | 2       |          |
| Total for State, same period,<br>1903.               | .....           | 1,704  | 4       |          |
| <b>Missouri:</b>                                     |                 |        |         |          |
| St. Louis.....                                       | Dec. 20-Feb. 13 | 61     | .....   |          |
| Total for State.....                                 | .....           | 61     | .....   |          |
| Total for State, same period,<br>1903.               | .....           | 153    | 3       |          |
| <b>Montana:</b>                                      |                 |        |         |          |
| Helena.....  | Jan. 1-31.....  | 1      | .....   |          |
| Total for State.....                                 | .....           | 1      | .....   |          |
| Total for State, same period,<br>1903.               | .....           | 7      | .....   |          |
| <b>Nebraska:</b>                                     |                 |        |         |          |
| Omaha.....   | Dec. 20-26..... | 1      | .....   |          |
| Total for State.....                                 | .....           | 1      | .....   |          |
| Total for State, same period,<br>1903.               | .....           | 53     | .....   |          |
| <b>New Hampshire:</b>                                |                 |        |         |          |
| Manchester.....                                      | Dec. 13-Feb. 13 | 33     | .....   |          |
| Nashua.....  | Jan. 3-23.....  | 3      | .....   |          |
| Total for State.....                                 | .....           | 36     | .....   |          |
| Total for State, same period,<br>1903.               | .....           | 75     | .....   |          |
| <b>New Jersey:</b>                                   |                 |        |         |          |
| Camden.....  | Dec. 27-Jan. 30 | 8      | 2       |          |
| Newark.....  | Feb. 1-6.....   | 1      | .....   |          |
| Plainfield.....                                      | Jan. 17-23..... | 1      | .....   |          |
| Trenton.....   | Dec. 27-Feb. 13 | 24     | 1       |          |
| Total for State.....                                 | .....           | 34     | 3       |          |
| Total for State, same period,<br>1903.               | .....           | 67     | 3       |          |
| <b>New York:</b>                                     |                 |        |         |          |
| Buffalo.....   | Dec. 20-Jan. 29 | 21     | .....   |          |
| Elmira.....  | Feb. 7-13.....  | 1      | .....   |          |
| New York.....  | Dec. 20-Feb. 6  | 12     | 2       |          |
| Saratoga Springs.....                                | Dec. 1-31.....  | 1      | .....   |          |
| Total for State.....                                 | .....           | 35     | 2       |          |
| Total for State, same period,<br>1903.               | .....           | 28     | 2       |          |

Imported.

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

| Place.                                      | Date.           | Cases. | Deaths. | Remarks. |
|---|-----------------|--------|---------|----------|
| <b>North Dakota:</b>                        |                 |        |         |          |
| Barnes County .....                         | Dec. 1-31. .... | 9      | .....   |          |
| Cass County .....                           | Nov. 1-Dec. 31  | 10     | .....   |          |
| Cavalier County .....                       | Dec. 1-31. .... | 12     | .....   |          |
| Eddy County .....                           | Dec. 1-31. .... | 1      | .....   |          |
| Grand Forks County .....                    | Nov. 1-Dec. 31  | 12     | .....   |          |
| Griggs County .....                         | Dec. 1-31. .... | 1      | .....   |          |
| Ransom County .....                         | Nov. 1-Dec. 31  | 56     | .....   |          |
| Rolette County .....                        | Nov. 1-30. .... | 1      | .....   |          |
| Stutsman County .....                       | Dec. 1-31. .... | 1      | .....   |          |
| Towner County .....                         | Nov. 1-30. .... | 8      | .....   |          |
| Traill County .....                         | Dec. 1-31. .... | 1      | .....   |          |
| Walsh County .....                          | Dec. 1-31. .... | 1      | .....   |          |
| Ward County .....                           | Dec. 1-31. .... | 7      | .....   |          |
| Wells County .....                          | Nov. 1-30. .... | 18     | .....   |          |
| Williams County .....                       | Dec. 1-31. .... | 20     | .....   |          |
| Total for State .....                       |                 | 158    | .....   |          |
| Total for State, same period,<br>1903. .... |                 |        |         |          |
| <b>Ohio:</b>                                |                 |        |         |          |
| Allen County .....                          | Aug. 8-Dec. 26  | 1      | .....   |          |
| Ashtabula County .....                      | Aug. 8-Jan. 4   | 3      | .....   |          |
| Athens County .....                         | Aug. 8-Dec. 26  | 1      | 1       |          |
| Auglaize County .....                       | Aug. 8-Dec. 26  | 11     | 1       |          |
| Belmont County .....                        | Aug. 8-Dec. 26  | 24     | 8       |          |
| Butler County .....                         | Aug. 8-Dec. 26  | 21     | .....   |          |
| Carroll County .....                        | Aug. 8-Dec. 26  | 6      | .....   |          |
| Champaign County .....                      | Aug. 8-Dec. 26  | 14     | .....   |          |
| Columbiana County .....                     | Aug. 8-Dec. 26  | 34     | .....   |          |
| Coshocton County .....                      | Aug. 8-Dec. 26  | 13     | .....   |          |
| Crawford County .....                       | Aug. 8-Feb. 6   | 41     | .....   |          |
| Cuyahoga County .....                       | Aug. 8-Feb. 19  | 20     | 1       |          |
| Darke County .....                          | Aug. 8-Dec. 26  | 1      | .....   |          |
| Delaware County .....                       | Aug. 8-Dec. 26  | 13     | .....   |          |
| Erie County .....                           | Aug. 8-Dec. 26  | 14     | .....   |          |
| Fairfield County .....                      | Aug. 8-Dec. 26  | 1      | .....   |          |
| Franklin County .....                       | Aug. 8-Dec. 26  | 96     | 4       |          |
| Gallia County .....                         | Aug. 8-Dec. 26  | 56     | 5       |          |
| Guernsey County .....                       | Aug. 8-Dec. 26  | 104    | 1       |          |
| Hamilton County .....                       | Aug. 8-Feb. 12  | 106    | 3       |          |
| Hancock County .....                        | Aug. 8-Dec. 26  | 12     | .....   |          |
| Harrison County .....                       | Aug. 8-Dec. 26  | 14     | 2       |          |
| Jackson County .....                        | Aug. 8-Dec. 26  | 14     | .....   |          |
| Jefferson County .....                      | Aug. 8-Dec. 26  | 32     | .....   |          |
| Knox County .....                           | Aug. 8-Dec. 26  | 1      | .....   |          |
| Lake County .....                           | Aug. 8-Dec. 26  | 1      | .....   |          |
| Lawrence County .....                       | Aug. 8-Dec. 26  | 148    | 7       |          |
| Licking County .....                        | Aug. 8-Dec. 26  | 9      | .....   |          |
| Lorain County .....                         | Aug. 8-Dec. 26  | 2      | .....   |          |
| Lucas County .....                          | Aug. 8-Dec. 26  | 2      | .....   |          |
| Mahoning County .....                       | Aug. 8-Jan. 19  | 118    | 2       |          |
| Marion County .....                         | Aug. 8-Dec. 26  | 161    | 1       |          |
| Miami County .....                          | Aug. 8-Dec. 26  | 9      | 2       |          |
| Montgomery County .....                     | Aug. 8-Feb. 20  | 55     | 1       |          |
| Morrow County .....                         | Aug. 8-Dec. 26  | 3      | .....   |          |
| Muskingum County .....                      | Aug. 8-Dec. 26  | 16     | .....   |          |
| Ottawa County .....                         | Aug. 8-Dec. 26  | 14     | .....   |          |
| Paulding County .....                       | Aug. 8-Dec. 26  | 2      | .....   |          |
| Perry County .....                          | Aug. 8-Dec. 26  | 52     | .....   |          |
| Portage County .....                        | Aug. 8-Dec. 26  | 1      | .....   |          |
| Putnam County .....                         | Aug. 8-Dec. 26  | 23     | .....   |          |
| Richland County .....                       | Aug. 8-Dec. 26  | 9      | .....   |          |
| Scioto County .....                         | Aug. 8-Dec. 26  | 8      | .....   |          |
| Seneca County .....                         | Aug. 8-Dec. 26  | 1      | .....   |          |
| Stark County .....                          | Aug. 8-Dec. 26  | 105    | .....   |          |
| Summit County .....                         | Aug. 8-Dec. 26  | 27     | .....   |          |
| Trumbull County .....                       | Aug. 8-Feb. 13  | 7      | .....   |          |
| Tuscarawas County .....                     | Aug. 8-Dec. 26  | 5      | 1       |          |
| Union County .....                          | Aug. 8-Dec. 26  | 26     | .....   |          |
| Vinton County .....                         | Aug. 8-Dec. 26  | 10     | .....   |          |
| Washington County .....                     | Aug. 8-Dec. 26  | 66     | 1       |          |
| Wayne County .....                          | Aug. 8-Dec. 26  | 1      | .....   |          |
| Wood County .....                           | Aug. 8-Dec. 26  | 31     | .....   |          |
| Wyandot County .....                        | Aug. 8-Dec. 26  | 1      | .....   |          |
| Total for State .....                       |                 | 1,566  | 41      |          |
| Total for State, same period,<br>1903. .... |                 | 319    | 36      |          |

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

| Place.                                     | Date.           | Cases. | Deaths. | Remarks.                              |
|--|-----------------|--------|---------|---------------------------------------|
| <b>Pennsylvania:</b>                       |                 |        |         |                                       |
| Allegheny County.....                      | Dec. 13-Feb. 13 | 129    | 29      | Three cases imported at<br>Pittsburg. |
| Beaver County.....                         | Dec. 1-Jan. 31  | 5      | 1       |                                       |
| Berks County.....                          | Dec. 1-Jan. 31  | 40     | .....   |                                       |
| Blair County.....                          | Dec. 1-Jan. 31  | 19     | 2       |                                       |
| Bradford County.....                       | Dec. 1-Jan. 31  | 10     | .....   |                                       |
| Bucks County.....                          | Dec. 1-Jan. 31  | 4      | .....   |                                       |
| Butler County.....                         | Feb. 1-13.....  | 2      | .....   |                                       |
| Cambria County.....                        | Dec. 1-Feb. 20  | 37     | 4       |                                       |
| Clearfield County.....                     | Dec. 1-Jan. 31  | 20     | .....   |                                       |
| Columbia County.....                       | Dec. 1-Jan. 31  | 8      | .....   |                                       |
| Center County.....                         | Dec. 1-Jan. 31  | 4      | .....   |                                       |
| Chester County.....                        | Dec. 1-Jan. 31  | 1      | .....   |                                       |
| Cumberland County.....                     | Dec. 1-Jan. 31  | 2      | .....   |                                       |
| Dauphin County.....                        | Dec. 1-Jan. 31  | 2      | .....   |                                       |
| Delaware County.....                       | Dec. 1-Jan. 31  | 8      | .....   |                                       |
| Erie County.....                           | Dec. 1-Jan. 31  | 109    | 1       |                                       |
| Fayette County.....                        | Dec. 1-Jan. 31  | 28     | 1       |                                       |
| Greene County.....                         | Dec. 1-Jan. 31  | 40     | .....   |                                       |
| Indiana County.....                        | Dec. 1-Jan. 31  | 10     | .....   |                                       |
| Jefferson County.....                      | Dec. 1-Jan. 31  | 8      | 3       |                                       |
| Lackawanna County.....                     | Dec. 1-Jan. 31  | 7      | .....   |                                       |
| Lancaster County.....                      | Dec. 1-Jan. 31  | 1      | .....   |                                       |
| Lebanon County.....                        | Dec. 1-Jan. 31  | 11     | 1       |                                       |
| Lehigh County.....                         | Dec. 1-Feb. 13  | 114    | .....   |                                       |
| Luzerne County.....                        | Dec. 1-Jan. 31  | 4      | .....   |                                       |
| Lycoming County.....                       | Jan. 3-Feb. 13  | 7      | 1       |                                       |
| Monroe County.....                         | Dec. 1-Jan. 31  | 5      | .....   |                                       |
| Montgomery County.....                     | Dec. 1-Jan. 31  | 8      | 1       |                                       |
| Northampton County.....                    | Dec. 1-Jan. 31  | 235    | .....   |                                       |
| Northumberland County.....                 | Dec. 1-Jan. 31  | 3      | .....   |                                       |
| Perry County.....                          | Dec. 1-Jan. 31  | 1      | .....   |                                       |
| Philadelphia County.....                   | Dec. 20-Feb. 20 | 548    | 132     |                                       |
| Schuylkill County.....                     | Dec. 1-Jan. 31  | 16     | .....   |                                       |
| Somerset County.....                       | Dec. 1-Jan. 31  | 9      | .....   |                                       |
| Susquehanna County.....                    | Dec. 1-Jan. 31  | 2      | .....   |                                       |
| Warren County.....                         | Jan. 1-Jan. 31  | 10     | 3       |                                       |
| Washington County.....                     | Dec. 1-Jan. 31  | 18     | .....   |                                       |
| Wayne County.....                          | Dec. 1-Jan. 31  | 92     | .....   |                                       |
| Westmoreland County.....                   | Dec. 1-Jan. 31  | 43     | .....   |                                       |
| Total for State.....                       |                 | 1,620  | 179     |                                       |
| Total for State, same period,<br>1903..... |                 | 1,133  | 88      |                                       |
| <b>SUMMARY.</b>                            |                 |        |         |                                       |
| Total, November, 1903.....                 |                 | 631    | 74      |                                       |
| Total, December, 1903.....                 |                 | 1,208  | 123     |                                       |
| Total, January, 1904.....                  |                 | 617    | 100     |                                       |
| Total for three months.....                |                 | 2,456  | 297     |                                       |
| <b>South Carolina:</b>                     |                 |        |         |                                       |
| Charleston.....                            | Dec. 20-Feb. 13 | 18     | 1       | Three imported.                       |
| Total for State.....                       |                 | 18     | 1       |                                       |
| Total for State, same period,<br>1903..... |                 | 188    | 5       |                                       |
| <b>Tennessee:</b>                          |                 |        |         |                                       |
| Memphis.....                               | Dec. 13-Feb. 20 | 156    | 3       |                                       |
| Nashville.....                             | Dec. 27-Feb. 20 | 30     | .....   |                                       |
| Total for State.....                       |                 | 186    | 3       |                                       |
| Total for State, same period,<br>1903..... |                 | 28     | .....   |                                       |
| <b>Texas:</b>                              |                 |        |         |                                       |
| San Antonio.....                           | Dec. 1-31.....  | 6      | .....   |                                       |
| Total for State.....                       |                 | 6      | .....   |                                       |
| Total for State, same period,<br>1903..... |                 | 3      | .....   |                                       |
| <b>Utah:</b>                               |                 |        |         |                                       |
| Ogden.....                                 | Jan. 1-31.....  | 1      | .....   |                                       |
| Salt Lake City.....                        | Dec. 27-Feb. 13 | 14     | .....   |                                       |
| Total for State.....                       |                 | 15     | .....   |                                       |
| Total for State, same period,<br>1903..... |                 | 147    | 2       |                                       |

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

| Place.                              | Date.           | Cases. | Deaths. | Remarks. |
|-------------------------------------|-----------------|--------|---------|----------|
| <b>Virginia:</b>                    |                 |        |         |          |
| Danville .....                      | Feb. 7-13.....  | 2      | .....   |          |
| Pocahontas .....                    | Jan. 1-31.....  | 8      | 3       |          |
| Total for State .....               |                 | 10     | 3       |          |
| Total for State, same period, 1903. |                 | 9      | 1       |          |
| <b>Washington:</b>                  |                 |        |         |          |
| Adams County.....                   | Dec. 1-Jan. 31  | 2      | .....   |          |
| Chehalis County.....                | Dec. 1-31.....  | 3      | .....   |          |
| Columbia County.....                | Jan. 1-31.....  | 1      | .....   |          |
| King County (Seattle included)      | Dec. 1-Jan. 31  | 17     | .....   |          |
| Kittitas County.....                | Dec. 1-31.....  | 1      | .....   |          |
| Klickitat County.....               | Dec. 1-Jan. 31  | 18     | .....   |          |
| Lincoln County.....                 | Dec. 1-31.....  | 2      | .....   |          |
| Pacific County.....                 | Jan. 1-31.....  | 1      | .....   |          |
| Pierce County (Tacoma).....         | Feb. 2-8.....   | 1      | .....   |          |
| Spokane County (Spokane included).  | Dec. 1-Jan. 31  | 9      | 3       |          |
| Walla Walla County.....             | Dec. 1-Jan. 31  | 9      | .....   |          |
| Whitman County.....                 | Dec. 1-31.....  | 1      | .....   |          |
| Whitman County.....                 | Dec. 1-Jan. 31  | 3      | .....   |          |
| Yakima County.....                  | Jan. 1-31.....  | 8      | .....   |          |
| Total for State .....               |                 | 76     | 3       |          |
| Total for State, same period, 1903: |                 | 4      | .....   |          |
| <b>Wisconsin:</b>                   |                 |        |         |          |
| Milwaukee .....                     | Dec. 13-Feb. 13 | 86     | .....   |          |
| Total for State .....               |                 | 86     | .....   |          |
| Total for State, same period, 1903. |                 | 1,242  | 6       |          |
| Grand total .....                   |                 | 4,986  | 266     |          |
| Grand total, same period, 1903.     |                 | 9,250  | 289     |          |

*Plague in the United States, as reported to the Surgeon-General, Public Health and Marine-Hospital Service, December 26, 1903, to February 26, 1904.*

| Place.              | Number since March, 1900. | Number since January 1, 1904. | Date.   | Cases. | Deaths. | Remarks. |
|---------------------|---------------------------|-------------------------------|---------|--------|---------|----------|
| <b>California:</b>  |                           |                               |         |        |         |          |
| San Francisco ..... | 111                       | 1                             | Jan. 10 | 1      | 1       |          |
|                     | 112                       | 2                             | Jan. 11 | 1      | 1       |          |
|                     | 113                       | 3                             | Jan. 13 | 1      | 1       |          |
|                     | 114                       | 4                             | Feb. 6  | 1      | .....   |          |
|                     | 115                       | 5                             | Feb. 8  | a 1    | a 1     |          |
|                     | 116                       | 6                             | Feb. 12 | 1      | 1       |          |
|                     | 117                       | 7                             | Feb. 14 | 1      | 1       |          |
|                     | 118                       | 8                             | Feb. 19 | a 1    | a 1     |          |
|                     | 119                       | 9                             | Feb. 17 | a 1    | .....   |          |

a Provisional diagnosis.

Summary: Calendar year, 1900, 22 cases, 22 deaths; 1901, 30 cases, 25 deaths; 1902, 41 cases, 41 deaths; 1903, 17 cases, 17 deaths.

*Yellow fever in the United States, as reported to the Surgeon-General, Public Health and Marine-Hospital Service, December 26, 1903, to February 26, 1904.*

| Place.        | Date.          | Cases. | Deaths. | Remarks. |
|---------------|----------------|--------|---------|----------|
| <b>Texas:</b> |                |        |         |          |
| Laredo .....  | Dec. 26-Jan. 5 | 4      | .....   |          |

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

| Cities.                     | Week ended— | Population, United States census of 1900. | Total deaths from all causes. | Deaths from—  |               |           |            |          |               |                |                |             |          |
|-----------------------------|-------------|---|-------------------------------|---------------|---------------|-----------|------------|----------|---------------|----------------|----------------|-------------|----------|
|                             |             |   |                               | Tuberculosis. | Yellow fever. | Smallpox. | Varioloid. | Cholera. | Typhus fever. | Enteric fever. | Scarlet fever. | Diphtheria. | Measles. |
| Allentown, Pa.....          | Feb. 13     | 35,416                                    | 16                            | ....          | ....          | ....      | ....       | ....     | ....          | 5              | 2              | ....        | ....     |
| Altoona, Pa.....            | Feb. 20     | 38,973                                    | 22                            | ....          | ....          | ....      | ....       | ....     | ....          | ....           | 1              | ....        | ....     |
| Ann Arbor, Mich.....        | Feb. 13     | 14,509                                    | ....                          | ....          | ....          | ....      | ....       | ....     | ....          | ....           | ....           | ....        | ....     |
| Ashtabula, Ohio.....        | Feb. 20     | 12,949                                    | 6                             | ....          | ....          | ....      | ....       | ....     | ....          | ....           | ....           | ....        | ....     |
| Berkeley, Cal.....          | Feb. 7      | 13,214                                    | 8                             | 1             | ....          | ....      | ....       | ....     | ....          | ....           | ....           | ....        | ....     |
| Do.....                     | Feb. 14     | 13,214                                    | 3                             | ....          | ....          | ....      | ....       | ....     | ....          | ....           | ....           | ....        | ....     |
| Biddeford, Me.....          | Feb. 20     | 16,145                                    | 14                            | 2             | ....          | ....      | ....       | ....     | ....          | ....           | ....           | ....        | ....     |
| Binghamton, N. Y.....       | do.....     | 38,647                                    | 15                            | ....          | ....          | ....      | ....       | ....     | ....          | ....           | ....           | 3           | ....     |
| Boston, Mass.....           | do.....     | 560,892                                   | 224                           | 30            | ....          | ....      | ....       | ....     | ....          | ....           | 4              | 6           | ....     |
| Brockton, Mass.....         | Feb. 13     | 40,063                                    | 9                             | ....          | ....          | ....      | ....       | ....     | 1             | ....           | ....           | ....        | ....     |
| Butler, Pa.....             | do.....     | 10,853                                    | 12                            | ....          | ....          | ....      | ....       | ....     | 3             | ....           | ....           | ....        | ....     |
| Do.....                     | Feb. 20     | 10,853                                    | 4                             | ....          | ....          | ....      | ....       | ....     | ....          | ....           | ....           | ....        | ....     |
| Cambridge, Mass.....        | Feb. 13     | 91,886                                    | 22                            | 1             | ....          | ....      | ....       | ....     | ....          | ....           | ....           | ....        | ....     |
| Camden, N. J.....           | Feb. 20     | 75,935                                    | 27                            | ....          | ....          | ....      | ....       | ....     | ....          | 1              | ....           | ....        | ....     |
| Carbondale, Pa.....         | Feb. 14     | 13,536                                    | 4                             | ....          | ....          | ....      | ....       | ....     | ....          | ....           | ....           | ....        | ....     |
| Charleston, S. C.....       | Feb. 13     | 55,807                                    | 26                            | 3             | ....          | 1         | ....       | ....     | ....          | ....           | ....           | ....        | ....     |
| Chelsea, Mass.....          | do.....     | 34,072                                    | 9                             | ....          | ....          | ....      | ....       | ....     | ....          | ....           | ....           | ....        | ....     |
| Chicago, Ill.....           | Feb. 20     | 1,698,575                                 | 651                           | 70            | ....          | ....      | ....       | 8        | ....          | 9              | 12             | ....        | ....     |
| Chicopee, Mass.....         | do.....     | 19,167                                    | 4                             | 2             | ....          | ....      | ....       | ....     | ....          | 1              | ....           | ....        | ....     |
| Cincinnati, Ohio.....       | Feb. 12     | 325,902                                   | 192                           | 24            | ....          | ....      | ....       | 12       | ....          | 2              | 3              | 2           | ....     |
| Clinton, Mass.....          | Feb. 20     | 13,667                                    | 6                             | ....          | ....          | ....      | ....       | ....     | ....          | ....           | ....           | ....        | ....     |
| Colorado Springs, Colo..... | Feb. 13     | 21,085                                    | 10                            | 4             | ....          | ....      | ....       | ....     | ....          | ....           | ....           | ....        | ....     |
| Danville, Ill.....          | do.....     | 16,354                                    | 8                             | ....          | ....          | ....      | ....       | ....     | ....          | ....           | ....           | ....        | ....     |
| Danville, Va.....           | do.....     | 16,520                                    | ....                          | ....          | ....          | ....      | ....       | ....     | ....          | ....           | ....           | ....        | ....     |
| Des Moines, Iowa.....       | do.....     | 62,139                                    | ....                          | ....          | ....          | ....      | ....       | ....     | ....          | ....           | ....           | ....        | ....     |
| Do.....                     | Feb. 20     | 62,139                                    | ....                          | ....          | ....          | ....      | ....       | ....     | ....          | ....           | ....           | ....        | ....     |
| Detroit, Mich.....          | Feb. 13     | 285,704                                   | 107                           | ....          | ....          | ....      | ....       | ....     | ....          | 1              | 5              | ....        | ....     |
| Dubuque, Iowa.....          | do.....     | 36,287                                    | 7                             | 1             | ....          | ....      | ....       | ....     | ....          | ....           | ....           | ....        | ....     |
| Dunkirk, N. Y.....          | do.....     | 11,616                                    | 5                             | ....          | ....          | ....      | ....       | ....     | ....          | ....           | ....           | ....        | ....     |
| Elmira, N. Y.....           | do.....     | 35,672                                    | 20                            | 1             | ....          | ....      | ....       | ....     | ....          | ....           | ....           | ....        | ....     |
| Erie, Pa.....               | do.....     | 52,733                                    | 17                            | 4             | ....          | ....      | ....       | ....     | 2             | ....           | ....           | ....        | ....     |
| Evansville, Ind.....        | do.....     | 59,007                                    | 16                            | 6             | ....          | ....      | ....       | ....     | ....          | ....           | ....           | 1           | ....     |
| Do.....                     | Feb. 20     | 59,007                                    | 15                            | 2             | ....          | ....      | ....       | ....     | ....          | 1              | 1              | ....        | ....     |
| Everett, Mass.....          | Feb. 13     | 24,336                                    | 6                             | 1             | ....          | ....      | ....       | ....     | ....          | ....           | ....           | ....        | ....     |
| Fall River, Mass.....       | do.....     | 104,863                                   | 46                            | 3             | ....          | ....      | ....       | ....     | ....          | ....           | 3              | ....        | ....     |
| Flint, Mich.....            | do.....     | 13,103                                    | 2                             | ....          | ....          | ....      | ....       | ....     | ....          | ....           | ....           | ....        | ....     |
| Fort Smith, Ark.....        | Feb. 6      | 11,587                                    | 6                             | 1             | ....          | ....      | ....       | ....     | ....          | ....           | ....           | 2           | ....     |
| Do.....                     | Feb. 13     | 11,587                                    | 5                             | 1             | ....          | ....      | ....       | ....     | ....          | ....           | ....           | ....        | ....     |
| Freeport, Ill.....          | Feb. 20     | 13,258                                    | 1                             | ....          | ....          | ....      |            |          |               |                |                |             |          |



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

| Cities.            | Week ended— | Population, United States census of 1900. | Total deaths from all causes. | Deaths from—  |               |           |           |          |               |                |                |             |          |                 |
|--------------------|-------------|---|-------------------------------|---------------|---------------|-----------|-----------|----------|---------------|----------------|----------------|-------------|----------|-----------------|
|                    |             |   |                               | Tuberculosis. | Yellow fever. | Smallpox. | Varicoid. | Cholera. | Typhus fever. | Enteric fever. | Scarlet fever. | Diphtheria. | Measles. | Whooping cough. |
| Palmer, Mass       | Feb. 12     | 7,801                                     | 3                             |               |               |           |           |          |               |                |                |             |          |                 |
| Do                 | Feb. 20     | 7,801                                     | 3                             |               |               |           |           |          |               |                |                |             |          |                 |
| Pittsburg, Pa      | Feb. 13     | 321,616                                   | 157                           | 15            |               | 2         |           |          |               | 12             | 2              | 4           |          | 1               |
| Plainfield, N. J   | do          | 15,369                                    | 8                             |               |               |           |           |          |               |                |                |             |          |                 |
| Portland, Me       | do          | 50,145                                    | 19                            | 2             |               |           |           |          |               |                |                |             |          |                 |
| Providence, R. I   | do          | 175,597                                   |                               |               |               |           |           |          |               |                |                |             |          |                 |
| Do                 | Feb. 20     | 175,597                                   | 78                            | 8             |               |           |           |          |               | 1              | 1              | 2           |          | 1               |
| Quincy, Mass       | Feb. 13     | 23,899                                    | 5                             | 2             |               |           |           |          |               |                |                |             |          |                 |
| Reading, Pa        | Feb. 15     | 78,961                                    | 21                            | 3             |               |           |           |          |               |                |                | 2           |          |                 |
| Do                 | Feb. 22     | 78,961                                    |                               | 1             |               |           |           |          |               | 1              | 1              | 1           |          |                 |
| Santa Barbara, Cal | Feb. 6      | 6,587                                     | 1                             |               |               |           |           |          |               |                |                |             |          |                 |
| Shreveport, La     | Feb. 13     | 16,013                                    | 7                             |               |               |           |           |          |               |                |                |             |          |                 |
| South Bend, Ind    | do          | 35,999                                    | 14                            |               |               |           |           |          |               |                | 1              | 1           |          |                 |
| Steelton, Pa       | Feb. 20     | 12,062                                    | 7                             |               |               |           |           |          |               |                |                |             |          |                 |
| Tacoma, Wash       | Feb. 15     | 37,714                                    | 9                             | 1             |               |           |           |          |               |                |                |             |          |                 |
| Taunton, Mass      | Feb. 13     | 31,036                                    | 10                            | 2             |               |           |           |          |               |                |                |             |          |                 |
| Titusville, Pa     | do          | 8,244                                     | 1                             |               |               |           |           |          |               |                |                |             |          |                 |
| Do                 | Feb. 20     | 8,244                                     | 1                             |               |               |           |           |          |               |                |                |             |          |                 |
| Toledo, Ohio       | Feb. 13     | 131,822                                   | 33                            | 8             |               |           |           |          |               |                |                | 1           | 1        |                 |
| Waltham, Mass      | Feb. 20     | 23,481                                    | 5                             | 1             |               |           |           |          |               |                |                |             |          |                 |
| Warren, Ohio       | Feb. 13     | 8,529                                     | 5                             |               |               |           |           |          |               |                |                |             |          |                 |
| Washington, D. C   | do          | 278,718                                   |                               | 15            |               |           |           |          |               | 1              |                |             |          |                 |
| Weymouth, Mass     | Feb. 20     | 11,324                                    | 5                             |               |               |           |           |          |               |                |                |             |          |                 |
| Wilmington, Del    | do          | 76,508                                    | 46                            | 5             |               |           |           |          |               | 1              |                | 2           |          |                 |
| Winona, Minn       | Feb. 13     | 19,714                                    | 7                             |               |               |           |           |          |               |                |                |             |          |                 |
| Worcester, Mass    | Feb. 15     | 118,421                                   | 41                            | 9             |               |           |           |          |               | 1              |                |             |          |                 |
| Yonkers, N. Y      | Feb. 12     | 47,931                                    | 28                            | 4             |               |           |           |          |               |                |                |             |          |                 |
| Do                 | Feb. 19     | 47,931                                    | 15                            | 2             |               |           |           |          |               |                |                |             |          | 2               |

## FOREIGN AND INSULAR.

### BRAZIL.

#### *Report from Bahia—Mortuary statistics.*

Consul Furniss reports February 1, as follows: During the week ended January 30, 1904, 61 bodies were interred in the Bahia cemeteries.

Causes of death: Aneurism, 2; arterio-sclerosis, 2; beriberi, 2; bronchitis, 1; cancer, 1; cirrhosis of liver, 1; diarrhea and enteritis, 7; erysipelas, 2; fibroma, 1; hepatitis, 1; intestinal parasites, 2; malarial fevers, 5; organic diseases of heart, 2; peritonitis, 1; pneumonia, 1; pulmonary tuberculosis, 9; stillborn, 5; senile debility, 1; syphilis, 1; tetanus neonatorum, 1; other causes, 13.

#### *Report from Rio de Janeiro—Plague and smallpox—No deaths from yellow fever—Return of French yellow-fever commission.*

Acting Assistant-Surgeon Stewart reports January 21, as follows:

During the week ended January 17, there were in all 317 deaths, of which number none were caused by yellow fever, although there were 3 cases of this disease reported during the week.

There were 3 deaths from plague, one occurring in the district of San Jose, another in the district of Lagoa, and the third in the plague hospital at Jurajuba—Hospital Paula Candido.

From variola there were 28 deaths reported, with a total report of 39 cases during the week.

At the close of the week there were 3 cases of yellow fever under treatment at the Hospital of São Sebastião, 81 cases of variola under treatment at the same hospital, and 27 cases of plague under treatment at the Hospital Paulo Candido, at Jurajuba.

This is the most favorable condition as regards these three diseases that has prevailed since my reporting for duty here.

The deaths from other infectious and contagious diseases were as follows:

From measles, 2 deaths; from scarlet fever, 2 deaths; from whooping cough and diphtheria, no deaths; from grippe, 5 deaths; from enteric fever, 1 death; from dysentery, 1 death; from beriberi, 7 deaths (a considerable increase); from leprosy, 1 death; from malarial fevers, 11 deaths; and from pulmonary tuberculosis 53 deaths.

The highest range of the thermometer, officially reported, during the week was 32.1° C., and the lowest was 22.6° C., with a daily average of 26.54° C.

#### *Return of the French yellow-fever commission.*

On January 18 the French yellow-fever commission arrived here by the Royal Mail Steamship *Thames*. The commission consists of two members, both of whom belonged to the former commission which

left here about ten months ago. The names of the commissioners are Doctor Simon, president, and Doctor Marchoux, member. They have gone to Petropolis to live, and I shall call upon them at an early date.

I have been informed from a fairly reliable source that they left here last year fully convinced of the truth of the assertion that yellow fever is capable of transmission by the mosquito alone, and that they have returned this year, not for any further information on this point, but for the purpose of finding out whether there can not be established some method of inoculation against or prophylactic medication based on inoculation theories in regard to yellow fever.

From a conversation I had to-day with the secretary of the American legation here, who had seen the members of the French yellow-fever commission yesterday, the commission stated, in reply to a question as to what danger, in their opinion, threatened this city from the public works of the port contracted for and the upturning of many tons of mud and filth from the bottom of the bay incident thereto, they placed themselves on record by replying that they saw no reason for an outbreak of yellow fever here on that account, provided that the employees were properly taken care of and that exposure to mosquitoes during the work was avoided as far as possible.

#### CHINA.

##### *Report from Hongkong—Smallpox—Summary of plague for the year 1903—Examination of rats.*

Passed Assistant Surgeon McMullen reports, January 13, as follows:

During the week ended January 9, 1904, seven vessels, with 552 officers and crew, were inspected and granted bills of health. There were also 184 passengers inspected—110 cabin and 74 steerage; 423 crew and 62 steerage passengers were bathed and their baggage was disinfected, 411 pieces. There were 25 aliens recommended for rejection because of loathsome or dangerous contagious disease.

No communicable diseases were reported for the period covered by this report, and 1 case of smallpox is the only one reported since December 7, when the last plague case occurred. There were 1,422 cases of plague reported as having occurred in the colony during the year 1903.

The rat return for the week was as follows: Two hundred and sixty-three rats (including 2 infected rats) were caught in Hongkong and 124 (including 5 infected) were caught in Kowloon.

#### CUBA.

##### *Report from Cienfuegos.*

Acting Assistant Surgeon McMahon reports, February 11, as follows: During the week ended February 6, 1904, bills of health were issued to 5 vessels going to ports in the United States, all in good sanitary condition and no sickness on board.

No quarantinable disease has appeared at this port during this week.

The sanitary condition of the city is fairly good.

The mortuary report for the first ten days of this month will be forwarded with my next report.

*Report from Habana.*

Acting Assistant Surgeon Echemendia reports, February 12, as follows: Week ended February 6, 1904:

|  |        |
|--|--------|
| Vessels inspected and issued bills of health ..... | 23     |
| Crews of outgoing vessels inspected.....           | 1, 093 |
| Passengers of outgoing vessels inspected .....     | 1, 234 |

*Mortuary report of Habana for the week ended February 6, 1904.*

| Disease.           | Number of deaths. |
|--------------------|-------------------|
| Tuberculosis ..... | 14                |
| Pneumonia.....     | 8                 |
| Bronchitis.....    | 1                 |
| Enteric fever..... | 4                 |
| Measles.....       | 1                 |
| Cancer.....        | 3                 |
| Grippe.....        | 2                 |
| Meningitis.....    | 5                 |
| Croup.....         | 1                 |
| Enteritis.....     | 4                 |

Total deaths from all causes, 92.

*Yellow fever on Norwegian bark Eugen, from Cardiff via La Guaira, wrecked off south coast of Cuba.*

Acting Assistant Surgeon Echemendia reports, February 16, as follows:

On February 6, 1904, the Norwegian bark *Eugen* was wrecked on one of the small keys off the south coast of Cuba, about 10 miles from a small town named Niquero. The Cuban medical officer at the port of Manzanillo, 30 miles distant, telegraphed the chief quarantine officer at Habana, stating that it was reported that some of the crew were ill with a fever and that one had died.

Doctor Roberts immediately ordered Dr. Felix Giralt, his first assistant quarantine officer at this port, to proceed to the scene of the wreck and make an investigation, and take the necessary precautions to prevent the spread of the fever or disease. He reports the following facts:

The vessel sailed from Cardiff, England, with a cargo of coal for La Guaira, Venezuela, arriving at that port the first part of January, 1904, and remaining there for two or three weeks. About the time of sailing from that port for Manzanillo, Cuba, the cook was taken ill with fever and died. A few days after the captain and first mate were attacked with the same disease and died, their remains, as well as that of the cook, being buried at sea. After the vessel was wrecked on the key off Niquero on February 6, two other members of the crew died, and two more are now ill with the same fever. Doctor Giralt has diagnosed the disease as yellow fever, and reported that the sick men had been isolated on the uninhabited key and the other members of the crew placed in strict quarantine. The vessel has been fumigated with sulphur and pyrethrum powder twice under his personal direction, the workmen employed being immunes. It is the intention of the agents of the vessel to take her to Santiago for repairs if she can be pulled off the key.

The accompanying map will show the place where the ship stranded.

It is an out-of-the-way key, about 10 miles off the mainland, and can be reached only by steamer or vessel from Santiago or Manzanillo, the latter being the nearest port. The town of Niquero, a village of fisher folk, is inland about 8 or 10 miles, and it was to this place that the well members of the crew of the *Eugen* came in a small boat to inform the people of their condition and to ask for aid. The report states that they were not permitted to land and were told to go immediately back to their vessel.

*Mortality in Habana during the months of October and November, 1903—Health conditions of the Island.*

The following is received from Minister Squiers, under date of February 9, 1904:

The total mortality in the district of Habana for the month of October was 476, 51 more than in the preceding month, and 64 more than in the corresponding month of 1902. In November there were 456 deaths, 38 more than in November, 1902. The daily average in the two months has been 15.30, equivalent to an annual death rate of about 21.25 per thousand of population.

This increase, as compared with the months of October and November of 1902, is accounted for by 71 deaths due to scarlatina. Referring to legation dispatch No. 741, of November 26, 1903, it will be seen that there were at that date 566 cases of the epidemic under treatment. This number, thanks to the admirable service of the health department and the stringent municipal ordinances, has gradually decreased to 92, the actual number of cases now under treatment. The number of deaths from scarlatina has been relatively low, especially when it is taken into consideration that almost all the deaths were of children under 15 years of age, and that the policy of concealing the patient and failure to report the case to the proper authorities was generally pursued by the lower classes. The rest of the Island appears to be still free from this epidemic.

No cases of yellow fever or smallpox have originated on the island during the two months, although in October three cases of the former arrived from Mexico and in November two more cases from Venezuela. Of these, four were discharged as cured.

The health of the island in general has been about the same as in the preceding months. One thousand six hundred and fifty deaths in October and 1,660 in November were reported from all causes, this being equivalent to an annual death rate of 15.91 and 15.71 per thousand of population, respectively.

*Report from Matanzas—Scarlet fever in Matanzas district imported from Habana.*

Acting Assistant Surgeon Nuñez reports, February 15, as follows:

During the week ended February 13, 1904, bills of health were issued to seven vessels leaving for United States ports in good sanitary condition.

The case of scarlet fever undergoing treatment in this city recovered, and it was discharged after all necessary precautions had been taken. No new developments have occurred within the city up to the present time. At the rural town of Canasi, within this district, where

five cases of that disease were reported November 3, 1903, there have been two additional cases reported during the past week, the disease having been contracted in Habana. These cases, according to information, are duly isolated to prevent further infection.

No quarantinable disease has been reported.

*Mortuary statistics of the city of Matanzas, February 1 to 10, 1904.*

| Cause of death.                       | Number of deaths. | Bertillon number. |
|---------------------------------------|-------------------|-------------------|
| Senility .....                        | 3                 | 154               |
| Enteritis .....                       | 2                 | 105               |
| Tuberculosis .....                    | 5                 | 27                |
| Debility, congenital .....            | 1                 | 157               |
| Gangrene .....                        | 1                 | 142               |
| Cancer, uterine .....                 | 1                 | 42                |
| Grippe .....                          | 1                 | 10                |
| Bright's disease .....                | 1                 | 120               |
| Enteritis (over 2 years of age) ..... | 3                 | 106               |
| Epithelioma .....                     | 1                 | 44                |
| Abscess, hepatic .....                | 1                 | 114               |
| Sclerosis .....                       | 1                 | 79                |
| Total .....                           | 21                | .....             |

Estimated population, 48,000; annual rate of mortality per 1,000, 15.96.

*Report from Santiago—Mortality for the month of January, 1904.*

Acting Assistant Surgeon Wilson reports, February 11, as follows:

There is a slight increase in the number of bills of health issued during the month, but the number is still low.

There were only 48 deaths during the month. This is the lowest number of deaths in three years, being equaled only by September, 1902.

The condition of the city as a whole is not very clean.

Report for the month of January, 1904:

|  |     |
|--|-----|
| Bills of health issued .....   | 17  |
| Crews .....  | 861 |
| Passengers .....   | 623 |
| Deaths from yellow fever .....   | 0   |
| Deaths from other contagious diseases (diphtheria) .....                   | 1   |
| Deaths from all causes (stillbirths not counted) .....                     | 48  |
| Cases of quarantinable diseases reported in the city .....                 | 0   |
| Cases of other contagious diseases reported in the city <sup>a</sup> ..... | 6   |

GERMANY.

*Report from Berlin—Plague and cholera in various countries—Death from plague in laboratory near Cronstadt, Russia.*

Consul-General Mason reports, February 4, as follows:

*Plague.*

*Russia.*—The commission for combating the plague publishes the following statement in the government gazette of January 22. "In the laboratory of the imperial institute for the production of remedies against plague, located in the fully isolated fort Kaiser Alexander I,<sup>b</sup>

<sup>a</sup> These are divided as follows: Measles, 1; varicella, 3; anthrax, 1; diphtheria, 1.

<sup>b</sup> Near Cronstadt.

the director of the laboratory, who has been pursuing investigations with living plague-cultures, fell sick with the plague on January 16. Notwithstanding repeated injections of antipest serum, the patient died on January 20. All persons who had been in contact with the patient and the entire staff of employees of the laboratory immediately received injections of plague serum. Measures have been taken for the complete isolation of the employees of the fort from the shore."

*British India.*—During the week ended January 9, there were registered in the Bombay Presidency 7,886 cases of plague (with 5,790 deaths); of which 197 cases (169 deaths) occurred in the city of Bombay; 3 cases (2 deaths) in Karachi; 4 cases (3 deaths) in Bhavnagar, and 11 cases (11 deaths) in Broach.

#### *Cholera.*

*Turkey.*—According to Weekly Bulletin No. 3 of January 18, regarding cholera in Syria and Mesopotamia, there were registered on January 11 and 12 in Kerbella 5 cases of cholera (and 5 deaths); on January 9, in Diarbekir, 1 death from cholera.

#### *Death rate of Berlin and other cities.*

The death rate of Berlin for the week ended January 16 was again higher than that of the preceding week, amounting, calculated on the year, to 16.9 per thousand of the population, thus being also higher than the rate for the corresponding week of last year in which it amounted to 16.2 per thousand. In spite of this rise in the Berlin rate, however, more than two-thirds of the large German towns showed less favorable figures than this city, the following places having a considerably higher death rate than that of Berlin: viz: Hamburg, Hanover, Düsseldorf, Brunswick, Magdeburg, Dresden, Munich, Carlsruhe, Cologne, Breslau, as well as London, Paris, and Vienna. On the other hand, the following cities had a lower rate than Berlin, namely: Charlottenburg (with 16.3), Schöneberg (with 13), Rixdorf (with 11.1); Leipzig, Stuttgart, and Frankfort-on-the-Main. There was a slight increase in the number of deaths among children in the first year of life, the rise in the death rate being mainly due to the increase of mortality among the higher-age classes. The infant death rate amounted to 4.3 per year and mille, being thereby lower than the rate of Munich and Cologne, but somewhat higher than the Hamburg and Leipzig figures. Acute diseases of the respiratory organs showed a slight abatement, causing 62 deaths, and acute intestinal diseases claimed 37 victims. Furthermore, there were registered: 4 deaths from influenza, 5 deaths from cholera, 86 deaths from phthisis pulmonalis, and 53 deaths from cancer. Diphtheria caused 16 deaths. Measles claimed 8 victims and 4 persons died of scarlet fever. Finally, 4 persons died by violence.

#### HAWAII.

*Arrival at Honolulu of United States Army transport Logan with case of varioloid on board.*

Chief Quarantine Officer Cofer reports, February 4, as follows:

The U. S. transport *Logan* arrived this morning with a case of varioloid on board in the person of a private soldier. The case was

promptly isolated eleven days ago, as soon as the eruption was discovered, and every one on board vaccinated. The case and contact and their effects were removed to the quarantine station, and the quarters occupied by them disinfected by the station force. The ship then sailed for San Francisco.

#### INDIA.

#### *Report from Calcutta—The plague situation.*

Passed Assistant Surgeon Sprague, at Calcutta, reports, January 21, as follows:

Plague is classed by most authors among the tropical diseases, and it has been in recent years fairly closely confined to tropical and sub-tropical countries; but that warmth alone is essential to the occurrence of the disease is negatived by its present existence in the north of India, Kashmir, where, owing to the altitude, the temperature approaches that of the frigid zone, and all the way south to the Madras Presidency, with its mid-tropical climate. It is said to be found among the hill people in greater or less malignancy in all seasons, and by some authorities the disease is considered endemic in this area. It certainly has existed there for many years, although its true nature may not have been recognized.

With improved means of travel this section has been brought into more intimate relations with other communities, in many of which plague has thriven with more virulence than in what may be termed its native habitat.

The following figures would indicate that the seed has not been scattered over entirely unproductive soil:

#### *Deaths from plague.*

|            |          |
|------------|----------|
| 1900 ..... | 92, 807  |
| 1901 ..... | 283, 788 |
| 1902 ..... | 548, 315 |
| 1903 ..... | 848, 877 |

During the years included in the above figures every one of the 21 states or provinces of India has been invaded to a greater or less extent. The months of February, March, and April have been credited each year with the largest number of deaths. In the latter weeks of April the decline has begun and continued into July or August, when the death rate has begun gradually to increase and to attain its maximum as before stated.

Plague has been studied in India, so that the lines along which it spreads are now considered characteristic. It generally follows rapidly along trade routes and progresses very slowly in the agricultural districts. Seasonally the epidemics follow with more or less gradual extension the course of preceding years. It is comparatively quiet during the hot weather and the season of rains—July to November. In one district, Saran, it has been noted that while the towns attacked remained almost free during the last half of the year, in the rural districts the disease continued throughout the year.

Great difference of opinion as to the manner in which plague is conveyed from person to person exists among those whose experience gives them authority to speak upon the subject, but all agree that filth, crowding, and ill ventilation play their part, and in the centers



of the disease these conditions are always encountered. Some with whom I have spoken do not credit the rat with influence in the spread of the infection, but their reasons are not entirely clear. In India where the native huts are low, squatty structures without windows and with no artificial floors, crowded almost to suffocation, infested with rats and other vermin capable of conveying the infection, the conditions are such as to give rise to the figures given above.

Pilgrimages in connection with religious observances are almost constantly being made in some parts of India. Their influence in the spread of infection need not be dwelt upon, because of the numerous instances in which it has been recognized. Recently at Puri, in the southern part of the Bengal Presidency, where there is a particularly sacred temple, the daily railroad receipts from the sale of tickets suddenly increased about one hundred fold and amounted to thousands of rupees. The pilgrims are not all by any means able to utilize the railroad as a means of transportation. Those that are not usually start for home practically penniless, and in begging and lodging come in contact with many people. An epidemic disease having developed among the devotees, as is not infrequently the case, abundant means are promptly provided for its spread even into remote districts.

In this particular instance the health authorities of the presidency assumed charge of affairs, doing their best to maintain sanitation, and as yet, fortunately, no evil results from disease are known to have followed the gathering. At the present time in the various presidencies similar precautions are taken whenever possible.

With the extension of the commercial relations of this country which is in progress and is bound to continue, there is a constantly increasing danger to foreign countries. For the last week of December, 1903, the deaths numbered 15,606. More than one-half of the provinces from Kashmir to Madras are infected, and during the year practically all the provinces have contributed to the total.

The presidency of Bengal had the largest number of deaths from plague in 1900, but the following year Bombay Presidency fell into first place and has maintained the supremacy ever since. For the week above mentioned she led, with 6,726 deaths, and the united provinces of Agra and Oudh, in the central north, came next with 2,522 deaths.

Plague has become so common among the natives that they now pay very little attention to its ravages. They rarely become in any degree panic stricken. Something like fatalism in considering the bacillus pestis a form given to some departed soul performing its legitimate function, has its influence in many instances in creating an indifference to its fatal work.

There is a special tendency among the Mussulmen, who constitute a large percentage of the population, to conceal cases, especially among the females.

In the carrying out of the preventive measures in the rural districts there seems to be little objection to vaccination among the natives, and in many places inoculation of Haffkine's toxin is accepted with fairly good grace. As in some instances these inoculations are only made upon applicants, leaving it entirely to the pleasure of the native, the number thus protected is comparatively small. In the cities measures toward the eradication of the infection are not so well received. The intelligent and energetic efforts of the health officer of Calcutta, some two years ago, were met by almost riotous opposition, compelling their

abandonment. The attitude of the educated native controls the masses in matters of this nature, and there is abundance of evidence that nothing can be accomplished worth the effort when any of their religious rites and customs are apparently interfered with.

Disinfection is not at all popular. Many houses have later become reinfected from rats or persons, which may have had its influence upon the popularity of sulphur gas, the usual agent. Haffkine's inoculations are generally considered more efficient in controlling the disease than disinfections. In the Punjab, where the death rate has recently exceeded 1,500 per week, it is reported that some headway against the ravages of the disease has been made by the systematic and repeated use of inoculations, combined with segregation and thorough disinfection.

Now that plague has gained such a hold throughout India, it is difficult to prophesy as to its future course and termination. With the forcible opposition to attempts at its control in some of the centers in which it may be expected most certainly to retain its hold, it almost seems that about all that can be looked for is the natural subsidence which has been known to occur in the past.

*Report from Bombay—Work of the plague research laboratory on inoculations against plague and on snake venom—Plague mortality.*

Acting Asst. Surg. Edward H. Hume reports, January 23, as follows:

During the past week Dr. W. M. Haffkine has handed to me a number of pamphlets and reprints concerning the work of the plague research laboratory here. They are on two distinct lines:

1. Plague investigations, including Doctor Haffkine's summary as to the health of the inoculated; a report of observations in Aden; a study of the effect of germicides on *B. pestis*, and Major Bannerman's summary for 1897-1900.

2. Investigations on snake venom, by Captain Lamb and Doctor Hanna.

I have to report that further study on snake venom is not now being conducted in Bombay, because the horses which are being immunized for the preparation of antivenene do not react so well in this climate as they would upcountry. For this reason Captain Lamb is now continuing his studies at Kussauli, an upcountry station. A considerable number of cobras and Russell's vipers are still kept in the Bombay laboratory, and the venom, extracted once in two weeks, is dried and forwarded to Kussauli. The process of extracting this venom from both varieties of snakes is very interesting.

Doctor Haffkine has also asked me to call your attention to the alterations necessarily introduced in India in making the prophylactic, on account of the vegetarian principles of the Hindoos and the universal hatred of anything prepared from the body of the pig. The most important alterations recently adopted are these:

1. The use of an artificial method of peptonizing meat. To every kilo of goat's meat 150 cubic centimeters of hydrochloric acid are added and the mixture heated for six hours at a temperature of 144° C. (Beef would be objectionable here, and peptone is ordinarily made from pigs' stomachs, etc.) Starting with the above formula and heating as described, at the end of the process a large excess of acid remains and has to be neutralized with caustic soda. This produces sodium chloride in excess, and the mixture has to be greatly diluted. To avoid these

difficulties the amount of acid is reduced to 80 cubic centimeters per kilo of meat, instead of 150 cubic centimeters, and the heating is continued for six days at 80° C., then for three hours at 144° C.

2. To the broth culture of *B. pestis*, containing the bacterial toxins, is added a considerable amount of a growth on agar, it being believed that this will add to the finished prophylactic a needed amount of the bodies of the bacteria. A four days' growth on 300 square centimeters of agar surface is emulsified in 400 cubic centimeters of a 2-months'-old culture in broth.

The pamphlets forwarded with regard to the results of inoculation with plague prophylactic will make clear what has been so often repeated, i. e., that there is no ill effect following the inoculation either in the healthy, those already in the incubation period of plague, or those suffering from other diseases, as tuberculosis, etc.

*Plague mortality increasing.*

Plague mortality in India is increasing each week, the largest relative increase in the week ended January 9 being in the native State of Hyderabad. The general feeling is that the epidemic will be less severe this year than for several years past.

JAPAN.

*Report from Yokohama—Sanitary conditions good—Plague in Formosa—Infectious diseases in Yokohama in 1903.*

Assistant Surgeon Moore reports, January 22, as follows:

During the week ended January 16, 1904, two steamers having a total personnel of 240 crew and 271 passengers were inspected:

During the period of three weeks ended January 16, 1904, infectious diseases were officially notified in this city as follows: Enteric fever, 4 cases, 3 deaths; diphtheria, 16 cases, 6 deaths; dysentery, 2 cases, 0 deaths. No new cases of pest have been reported in Yokohama for a period of almost two months. The sanitary status of the other principal ports of Japan continues good.

Cases of plague continue to be reported from Formosa, the number of cases occurring in that island from January 1 to 19, 1904, numbering 13, of which 9 have resulted fatally.

An official statement of infectious diseases in Yokohama during the year 1903 has been received as follows: Cholera, 0 cases, 0 deaths; smallpox, 2 cases, 0 deaths; typhus fever, 0 cases, 0 deaths; enteric fever, 205 cases, 57 deaths; scarlet fever, 3 cases, 0 deaths; diphtheria, 153 cases, 47 deaths; plague, 42 cases, 34 deaths; plague (doubtful), 1 case, 0 deaths; dysentery, 159 cases, 22 deaths; dysentery (doubtful), 14 cases, 3 deaths. Especial attention is invited to the rarity of smallpox at this port, which constantly maintains intimate commercial relations with infected places. At least one of the two cases of smallpox reported occurred in the person of a foreigner.

*Report from Nagasaki—Immigrants for Honolulu recommended for rejection.*

Sanitary Inspector Bowie at Nagasaki reports, January 25, as follows:

Two Japanese immigrants for Honolulu recommended for rejection January 25, 1904.

## PANAMA.

*Report from city of Panama—No quarantinable diseases.*

Assistant Surgeon Pierce reports, February 8, as follows:

During the week ended February 7, 1904, two vessels cleared from this port bound to San Francisco: the S. S. *Acapulco*, having on board 66 officers and crew and 21 passengers, and the U. S. Navy collier *Nero*, having on board 37 officers and crew and 21 passengers, the latter being overtime men from the Navy. All passengers and crew were inspected and passed. During the week there occurred 27 deaths from all causes, none of which were from quarantinable diseases. The deaths were from the following causes:

|                     |   |                      |   |
|---------------------|---|----------------------|---|
| Tuberculosis .....  | 5 | Fevers .....         | 2 |
| Beriberi .....      | 2 | Epilepsy .....       | 1 |
| Worms .....         | 1 | Stillbirth .....     | 1 |
| Pneumonia .....     | 4 | Dysentery .....      | 1 |
| Heart disease ..... | 1 | Diphtheria .....     | 1 |
| Parturition .....   | 1 | Liver disease .....  | 2 |
| Tetanus .....       | 1 | Enterocolitis .....  | 1 |
| Burns .....         | 1 | Whooping cough ..... | 1 |
| Dropsy .....        | 1 |                      |   |

## PERU.

*Plague reported at San Pedro.*

Under date of February 11 a notice appeared in the New York Herald that bubonic plague had reappeared at San Pedro, in Peru. Twenty cases were reported, with seven deaths.

On February 16 the State Department was requested to ask the consul at Callao, Peru, whether there was any truth in these rumors, and the following reply was received from him:

CALLAO, February 20, 1904.

Government experts sent San Pedro declare a few sporadic cases and no spread. Am in close touch with agencies and will wire developments, if any.

GOTTSCHALK, Consul.

## PHILIPPINE ISLANDS.

*Report from Manila—Quarantinable diseases—Fumigation of vessels.*

Chief Quarantine Officer Heiser reports, January 14, as follows:

The number of quarantinable diseases reported in Manila during the week ended January 9, 1904, is as follows:

|                | Cases. | Deaths. |
|----------------|--------|---------|
| Cholera .....  | 4      | 4       |
| Smallpox ..... | 0      | 0       |
| Plague .....   | 0      | 0       |

*Fumigation of vessels.*

The following vessels cleared for United States ports: January 6, 1904, British steamer *Osborne*, for Boston; January 6, British steamer *Algoa*, for San Francisco; January 7, American steamer *Lyra*, for Tacoma. The steamer *Lyra* was fumigated with sulphur on her last voyage to this port, and it was therefore not considered necessary this time. Thirty-seven immigrants, who were rejected for trachoma, were

returned to Japan on this vessel. The forecstle and storerooms of the steamer *Osborne* were fumigated. The steamer *Algoa* was fumigated throughout.

No report of cholera in provincial towns received.

#### PORTO RICO.

*Report from San Juan—Quarantine transactions and vital statistics, month of January, 1904.*

Chief Quarantine Officer King reports, February 5, as follows:

#### *Quarantine transactions for the month of January, 1904.*

*San Juan.*—Vessels inspected, 25; bills of health issued, 27; vessels held in quarantine, 3; vessels disinfected, pieces of baggage disinfected, persons vaccinated, and persons detained in quarantine for observation, none.

The Red D Line steamers *Philadelphia* and *Caracas*, from La Guayra, Puerto Cabello, and Curaçao entered this port on January 13 and 27, respectively. Both vessels brought foul bills of health, stating that several cases of yellow fever existed in La Guayra. These steamers remained in port but a few hours, taking passengers, mail, and some cargo for New York. Guards were placed on board and the vessels held in strict quarantine. They brought no passengers requiring detention at the quarantine station.

On January 22 the Spanish steamship *Manuel Calvo* arrived from Habana via Port Limon, Colon, Barranquilla, Curaçao, Puerto Cabello, and La Guayra. This vessel also brought a foul bill of health from La Guayra, and she was subjected to the same treatment as that accorded the vessels of the Red D line above mentioned.

Summary of the inspection work done at the 6 subports of the island: Mayaguez, 8; Arecibo, 2; Humacao, 5; Aguadilla, 5; Arroyo, 0; Fajardo, 1.

Summary of the mortality reports received from the subports: Mayaguez, 116; Arecibo, 77; Humacao, 46; Aguadilla, 36; Fajardo, 52; Arroyo, 14.

Nothing of special interest is reported from the subports.

#### *Vital statistics of San Juan for the month of January, 1904.*

|                                |    |                                |    |
|--------------------------------|----|--------------------------------|----|
| Diphtheria.....                | 1  | Gastro-enteritis, chronic..... | 8  |
| Pyæmia.....                    | 1  | Enteritis, chronic.....        | 1  |
| Septicæmia.....                | 1  | Colic, infantile.....          | 2  |
| Tetanus, infantile.....        | 4  | Diarrhea, chronic.....         | 1  |
| Tubercle of lungs.....         | 14 | Nephritis.....                 | 1  |
| Cancer of uterus.....          | 2  | Uremia.....                    | 1  |
| Rickets.....                   | 2  | Fracture of skull.....         | 1  |
| Anæmia.....                    | 1  | Dropsy.....                    | 1  |
| Old age.....                   | 2  | Internal hemorrhage.....       | 1  |
| Congestion of brain.....       | 2  | Stillborn.....                 | 9  |
| Endo-carditis.....             | 3  |                                |    |
| Valvular disease of heart..... | 4  | Total.....                     | 76 |
| Dilatation of heart.....       | 2  |                                |    |
| Heart disease.....             | 1  | January, 1904:                 |    |
| Endo-arteritis.....            | 1  | Deaths.....                    | 76 |
| Laryngitis, chronic.....       | 1  | Births.....                    | 85 |
| Bronchitis, chronic.....       | 3  | January, 1903:                 |    |
| Congestion of lungs.....       | 1  | Deaths.....                    | 68 |
| Broncho-pneumonia.....         | 3  | Births.....                    | 93 |
| Gastritis, chronic.....        | 1  |                                |    |

*Report of immigration at San Juan.*

Report of alien passengers arriving at San Juan during the week ended February 6, 1904:

| Date of arrival. | Vessel.                        | Where from.                      | Number of immigrants. |
|------------------|--------------------------------|----------------------------------|-----------------------|
| Feb. 3           | Fr. ss. Olinde Rodriguez ..... | Havre, Bordeaux, St. Thomas..... | 9                     |
|                  | Total .....                    | .....                            | 9                     |

*Report from Ponce—Immigration.*

Acting Assistant Surgeon Torres reports, February 6, through the chief quarantine officer, as follows:

*Report of immigration at Ponce.*

Report of alien passengers arriving at Ponce during the week ended February 6, 1904:

| Date of arrival. | Vessel.             | Where from.                        | Number of immigrants. |
|------------------|---------------------|------------------------------------|-----------------------|
| Feb. 3           | Am. ss. Zulia ..... | La Guayra, Maracaibo, Curaçao..... | 3                     |

## RUSSIA.

*History of laboratory plague case near Cronstadt.*

The following is received from the ambassador at St. Petersburg, under date of February 17:

On the 3d of January of this year Doctor Tournichonovich-Vyjnikevitch, director of the laboratory of the Imperial Institute of Experimental Medicine for the preparation of products intended to combat the bubonic plague, fell ill. The laboratory is situated in the fort of the Emperor Alexander I and completely isolated from the city of Cronstadt, as well as from all the other fortifications. The doctor was occupied in the study of the bacilli of the plague.

The illness was recognized as a case of plague by its symptoms and after a bacteriological examination. The patient died on January 20 in spite of the most energetic treatment and reiterated injections of antiplague serum. Prophylactic inoculations were made in the case of everyone who had been in contact with the patient and of all the personnel of the laboratory.

By order of Major-General Prince Orbeliani, named by His Highness the Prince of Oldenburg as commander of the fort of the Emperor Alexander I, who arrived at his post on January 19, all measures for the complete isolation of the personnel of the fort were taken.

*Foreign and insular statistical reports of countries and cities—Yearly and monthly.*

AUSTRIA-HUNGARY.—*Fiume*.—Month of November, 1903. Estimated population, 38,996. Total number of deaths, 88, including 15 from tuberculosis.

BAHAMAS—*Dunmore Town*.—Two weeks ended February 5, 1904. Population, 1,232. One death. No contagious diseases.

*Governors Harbor*.—Weeks ended January 23 and February 6, 1904. Estimated population, 1,500. No deaths and no contagious diseases.

*Green Turtle Cay—Abaco*.—Four weeks ended February 4, 1904. Estimated population, 3,314. No deaths and no contagious diseases.

*Nassau*.—Two weeks ended February 9, 1904. Estimated population, 12,390. No deaths and no contagious diseases reported.

BRAZIL—*Pernambuco*.—Two weeks ended December 31, 1903. Estimated population, 200,000. Total number of deaths 334, including plague 3, smallpox 28, whooping cough 5, and 51 from phthisis pulmonalis.

CANADA—*Vancouver*.—Month of January, 1904. Estimated population, 30,000. Number of deaths not reported. No deaths from contagious diseases reported.

FRANCE—*Rouen*.—Month of December, 1903. Census population, 116,316. Total number of deaths 262, including diphtheria 3, enteric fever 1, smallpox 3, and 62 from tuberculosis.

GIBRALTER.—Two weeks ended January 31, 1904. Estimated population, 20,985. Total number of deaths, 16. No deaths from contagious diseases.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 76 great towns in England and Wales during the week ended January 30, 1904, correspond to an annual rate of 19.4 per 1,000 of the aggregate population, which is estimated at 15,271,425.

*London*.—One thousand seven hundred and thirty-four deaths were registered during the week, including measles 38, scarlet fever 9, diphtheria 25, whooping cough 43, enteric fever 3, and diarrhea 17. The deaths from all causes correspond to an annual rate of 19.5 per 1,000. In Greater London 2,329 deaths were registered. In the "outer ring" the deaths included 3 from diphtheria, 3 from measles, 3 from scarlet fever, and 5 from whooping cough.

*Ireland*.—The average annual death rate represented by the deaths registered during the week ended January 30, 1904, in the 21 principal town districts of Ireland was 22.4 per 1,000 of the population, which is estimated at 1,093,289. The lowest rate was recorded in Dundalk, viz, 8.0, and the highest in Queenstown, viz, 46.1 per 1,000. In Dublin and suburbs 196 deaths were registered, including enteric fever 1, measles 1, whooping cough 11, and 35 from tuberculosis.

*Scotland*.—The deaths registered in 8 principal towns during the week ended January 30, 1904, correspond to an annual rate of 18.4 per 1,000 of the population, which is estimated at 1,726,236. The lowest rate of mortality was recorded in Greenock, viz, 11.2, and the highest in Dundee, viz, 31.3 per 1,000. The aggregate number of deaths registered from all causes was 608, including diphtheria 7, measles 12, scarlet fever 6, smallpox 3, and 16 from whooping cough.

**HAWAII—Honolulu.**—Month of January, 1904. Census population, 39,306. Total number of deaths, 63, including enteric fever 3, plague 1, and 8 from tuberculosis.

**JAPAN—Nagasaki.**—Ten days ended January 20, 1904. Estimated population, 148,883. Total number of deaths not reported. Two deaths from diphtheria, and 1 death from enteric fever reported.

**SPAIN—Barcelona.**—Ten days ended January 31, 1904. Estimated population, 600,000. Total number of deaths, 459, including diphtheria 4, enteric fever 10, measles 3, whooping cough 1, smallpox 16, and 54 from tuberculosis.

**Corunna.**—Month of January, 1904. Estimated population, 50,000. Total number of deaths, 111, including diphtheria 1, measles 2, scarlet fever 2, whooping cough 1, and 20 from tuberculosis.

**SWITZERLAND.**—Report for the two weeks ended January 16, 1904, from 18 cities and towns having an aggregate estimated population of 807,000, show a total of 609 deaths, including diphtheria 11, enteric fever 3, measles 8, scarlet fever 1, whooping cough 1, and 74 from phthisis pulmonalis.

*Cholera, yellow fever, plague, and smallpox, December 26, 1903, to February 26, 1904.*

[Reports received by the Surgeon-General, Public Health and Marine-Hospital Service, from United States consuls through the Department of State and from other sources.]

[For reports received from June 27, 1903, to December 25, 1903, see PUBLIC HEALTH REPORTS for December 25, 1903.]

#### CHOLERA.

| Place.               | Date.                | Cases. | Deaths. | Remarks.              |
|----------------------|----------------------|--------|---------|-----------------------|
| Afghanistan:         |                      |        |         |                       |
| Herat.....           | Dec. 12.....         |        |         | Present.              |
| China:               |                      |        |         |                       |
| Shanghai.....        | Dec. 18.....         | 1      |         | On Br. ss. Olivebank. |
| India:               |                      |        |         |                       |
| Bombay.....          | Dec. 9-15.....       |        | 1       |                       |
| Calcutta.....        | Nov. 15-Jan. 9.....  |        | 170     |                       |
| Madras.....          | Nov. 14-Dec. 22..... |        | 8       |                       |
| Japan:               |                      |        |         |                       |
| Nagasaki.....        | Nov. 21-30.....      |        | 1       |                       |
| Philippine Islands:  |                      |        |         |                       |
| Manila.....          | Oct. 31-Jan. 9.....  | 47     | 43      |                       |
| Provinces.....       | Oct. 31-Jan. 2.....  | 1,254  | 1,030   |                       |
| Straits Settlements: |                      |        |         |                       |
| Singapore.....       | Nov. 8-Dec. 19.....  |        | 12      |                       |
| Turkey:              |                      |        |         |                       |
| Bagdad—              |                      |        |         |                       |
| Hitt.....            | Dec. 13-15.....      | 8      | 4       |                       |
| Kerbela.....         | Dec. 12-Jan. 12..... |        | 463     | Five new cases.       |
| Mossul.....          | Dec. 21-Jan. 4.....  | 1      | 1       |                       |
| Musseleb.....        | Dec. 17-Jan. 4.....  | 48     | 35      |                       |
| Beirut—              |                      |        |         |                       |
| Latakiah.....        | Dec. 21-Jan. 4.....  | 11     | 7       |                       |
| Diarbekir—           |                      |        |         |                       |
| Diarbekir.....       | Dec. 12-Jan. 9.....  | 64     | 44      |                       |
| Syria.....           | Nov. 29-Dec. 5.....  |        |         | Present.              |

#### YELLOW FEVER.

| Place.                         | Date.                | Cases. | Deaths. | Remarks. |
|--------------------------------|----------------------|--------|---------|----------|
| Africa:                        |                      |        |         |          |
| Ivory Coast, Grand Bassam..... | Dec. 12.....         |        |         | Present. |
| Brazil:                        |                      |        |         |          |
| Rio de Janeiro.....            | Nov. 23-Jan. 17..... | 12     | 5       |          |
| Colombia:                      |                      |        |         |          |
| Cartagena.....                 | Nov. 23-30.....      |        | 1       |          |
| Ecuador:                       |                      |        |         |          |
| Guayaquil.....                 | Dec. 6-12.....       |        | 1       |          |



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

## YELLOW FEVER—Continued.

| Place.                | Date.           | Cases. | Deaths. | Remarks. |
|-----------------------|-----------------|--------|---------|----------|
| <b>Jamaica:</b>       |                 |        |         |          |
| Kingston .....        | Dec. 27-Jan. 9  | 2      | 2       |          |
| <b>Mexico:</b>        |                 |        |         |          |
| Ciudad Victoria ..... | Dec. 6-19 ..... | 4      | 2       |          |
| Merida .....          | Dec. 6-Feb. 6   | 14     | 5       |          |
| Tehuantepec .....     | Dec. 6-Jan. 30  | .....  | 4       |          |
| Vera Cruz .....       | Dec. 13-Feb. 13 | 11     | 4       |          |
| <b>Panama:</b>        |                 |        |         |          |
| Panama .....          | Jan. 4-Jan. 16  | 4      | 1       |          |
| <b>Venezuela:</b>     |                 |        |         |          |
| La Guaira .....       | Jan. 2-9 .....  | .....  | 1       |          |
| Maracaibo .....       | Oct. 25-Dec. 27 | 2      | 2       |          |

## PLAGUE.

|  |                     |         |         |                       |
|--|---------------------|---------|---------|-----------------------|
| <b>Brazil:</b>                                   |                     |         |         |                       |
| Pernambuco .....                                 | Nov. 16-Jan. 15     | .....   | 18      |                       |
| Rio de Janeiro .....                             | Nov. 16-Jan. 17     | 180     | 106     |                       |
| <b>British South Africa:</b>                     |                     |         |         |                       |
| Cape Colony (East London, King Williams Town) .. | Nov. 15-Jan. 9      | .....   | 5       |                       |
| Natal (Pietermaritzburg) ..                      | Nov. 29-Dec. 5      | 3       | 2       |                       |
| <b>China:</b>                                    |                     |         |         |                       |
| Hongkong .....                                   | Nov. 8-Dec. 12      | 6       | 6       |                       |
| Tientsin .....                                   | Nov. 29-Dec. 5      | .....   | 1       |                       |
| <b>Egypt:</b>                                    |                     |         |         |                       |
| Alexandria .....                                 | Nov. 21-Jan. 28     | 2       | 1       |                       |
| Minieh district .....                            | .....do .....       | 3       | 1       |                       |
| <b>Formosa .....</b>                             | To Dec. 15, 1903 .. | 869     | 702     |                       |
|  | Jan. 1-19 .....     | 13      | 9       |                       |
| <b>Hawaii:</b>                                   |                     |         |         |                       |
| Honolulu .....                                   | Jan. 10 .....       | 1       | 1       |                       |
| <b>India:</b>                                    |                     |         |         |                       |
| Bombay Presidency and Sind .....                 | Nov. 15-Jan. 16     | 87,930  | 56,139  |                       |
| Madras Presidency .....                          | .....do .....       | 6,142   | 4,746   |                       |
| Bengal .....                                     | .....do .....       | 11,663  | 10,126  |                       |
| United Provinces .....                           | .....do .....       | 24,908  | 22,671  |                       |
| Punjab .....                                     | .....do .....       | 20,004  | 14,640  |                       |
| Central Provinces (including Berar) ..           | .....do .....       | 19,457  | 16,492  |                       |
| Coorg .....                                      | .....do .....       | 15      | 6       |                       |
| Mysore State .....                               | .....do .....       | 7,706   | 5,962   |                       |
| Hyderabad State .....                            | .....do .....       | 9,355   | 7,553   |                       |
| Central India .....                              | .....do .....       | 9,384   | 8,550   |                       |
| Rajputana .....                                  | .....do .....       | 1,463   | 1,094   |                       |
| Kashmir .....                                    | .....do .....       | 290     | 245     |                       |
| N. W. F. Provinces .....                         | Nov. 21-Jan. 16     | 45      | 45      |                       |
| Baluchistan .....                                | Nov. 29-Jan. 16     | 1       | .....   |                       |
| Grand total .....                                |                     | 198,363 | 148,269 |                       |
| <b>Japan:</b>                                    |                     |         |         |                       |
| Yokohama .....                                   | Nov. 22-Dec. 5      | 2       | 2       |                       |
| <b>Mauritius .....</b>                           | Nov. 13-Jan. 7      | 477     | 275     |                       |
| <b>Peru:</b>                                     |                     |         |         |                       |
| San Pedro .....                                  | Feb. 20 .....       | .....   | .....   | Present.              |
| <b>Philippine Islands:</b>                       |                     |         |         |                       |
| Manila .....                                     | Nov. 15-Dec. 12     | 2       | 2       |                       |
| <b>Russia:</b>                                   |                     |         |         |                       |
| Cronstadt .....                                  | Jan. 14-20 .....    | .....   | 1       | At plague laboratory. |
| <b>Turkey:</b>                                   |                     |         |         |                       |
| Smyrna .....                                     | Dec. 1-6 .....      | .....   | 1       |                       |

## SMALLPOX.

|                         |                  |       |       |  |
|-------------------------|------------------|-------|-------|--|
| <b>Argentina:</b>       |                  |       |       |  |
| Buenos Ayres .....      | Oct. 1-Nov. 30   | ..... | 84    |  |
| <b>Austria-Hungary:</b> |                  |       |       |  |
| Prague .....            | Nov. 29-Jan. 30  | 91    | 1     |  |
| Trieste .....           | Nov. 22-Jan. 2   | 7     | ..... |  |
| <b>Belgium:</b>         |                  |       |       |  |
| Antwerp .....           | Jan. 11-17 ..... | 3     | 1     |  |
| Liege .....             | Jan. 10-16 ..... | 1     | 1     |  |
| <b>Brazil:</b>          |                  |       |       |  |
| Pernambuco .....        | Nov. 1-Jan. 15   | ..... | 135   |  |
| Rio de Janeiro .....    | Nov. 16-Jan. 17  | 535   | 289   |  |

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

## SMALLPOX—Continued.

| Place.                            | Date.                | Cases. | Deaths. | Remarks.                                   |
|-----------------------------------|----------------------|--------|---------|--|
| British Guiana:                   |                      |        |         |  |
| Demerara                          | Nov. 1-Dec. 26       | 73     | .....   |  |
| Canada, British Columbia:         |                      |        |         |  |
| (Tower Hill and Vancouver.)       | Dec. 1-Feb. 18       | 14     | .....   |  |
| New Brunswick, McAdam, Newcastle. | Jan. 9-21.....       | 2      | .....   |  |
| Ontario                           | Dec. 1-31.....       | 13     | .....   |  |
| Quebec                            | Feb. 7-13.....       | 1      | .....   |  |
| Chile:                            |                      |        |         |  |
| Antofagasta                       | Nov. 1-Dec. 31       | .....  | 13      |  |
| China:                            |                      |        |         |  |
| Hongkong                          | Dec. 27-Jan. 9       | 2      | .....   |  |
| Shanghai                          | Nov. 15-Dec. 16      | .....  | 14      |  |
| Colombia:                         |                      |        |         |  |
| Barranquilla                      | Dec. 1-13.....       | .....  | 5       |  |
| France:                           |                      |        |         |  |
| Marseille                         | Dec. 1-31.....       | .....  | 29      |  |
| Paris                             | Nov. 29-Feb. 6       | 192    | 20      |  |
| Great Britain:                    |                      |        |         |  |
| Birmingham                        | Dec. 6-Jan. 9        | 4      | 1       |  |
| Bradford                          | Nov. 22-Dec. 5       | 1      | .....   |  |
| Edinburgh                         | Dec. 13-Jan. 30      | 23     | .....   |  |
| Glasgow                           | Dec. 5-Feb. 5        | 436    | 23      |  |
| Hull                              | Jan. 17-23.....      | 1      | .....   |  |
| Leeds                             | Dec. 27-Jan. 30      | 2      | .....   |  |
| Leith                             | Jan. 10-23.....      | 1      | 1       |  |
| Liverpool                         | Dec. 13-Jan. 23      | 3      | 1       |  |
| London                            | Nov. 29-Jan. 23      | 29     | 1       |  |
| Manchester                        | Nov. 29-Jan. 20      | 14     | 2       |  |
| Newcastle-on-Tyne                 | Dec. 5-Jan. 23       | 19     | .....   |  |
| Nottingham                        | Nov. 29-Feb. 6       | 68     | 2       |  |
| Sheffield                         | Dec. 27-Jan. 16      | 2      | .....   |  |
| Southampton                       | Dec. 27-Jan. 2       | 6      | 1       |  |
| South Shields                     | Jan. 3-23.....       | 3      | .....   |  |
| Sunderland                        | Jan. 3-30.....       | 14     | 2       |  |
| Hawaii:                           |                      |        |         |  |
| Honolulu                          | Feb. 4.....          | 1      | .....   | From U.S. Army transport Logan.            |
| India:                            |                      |        |         |  |
| Bombay                            | Nov. 25-Jan. 26      | .....  | 24      |  |
| Calcutta                          | Dec. 27-Jan. 2       | .....  | 1       |  |
| Karachi                           | Dec. 21-Jan. 24      | 9      | 2       |  |
| Italy:                            |                      |        |         |  |
| Catania                           | Dec. 4-Jan. 7        | .....  | 5       |  |
| Messina                           | Dec. 12-18.....      | .....  | 1       |  |
| Palermo                           | Jan. 10-16.....      | 1      | .....   |  |
| Japan:                            |                      |        |         |  |
| Yokohama                          | Jan. 1-Dec. 31, 1903 | 2      | .....   |  |
| Java:                             |                      |        |         |  |
| Batavia                           | Nov. 15-Dec. 26      | 56     | 14      |  |
| Malta                             | Dec. 6-Jan. 16       | 16     | 3       |  |
| Mexico:                           |                      |        |         |  |
| México                            | Dec. 28-Feb. 7       | 13     | 10      |  |
| Porfirio Diaz                     | Jan. 9.....          | 1      | .....   |  |
| Tampico                           | Jan. 11-21.....      | .....  | 12      |  |
| Vera Cruz                         | Dec. 19.....         | 1      | .....   | From ss. Prince August Wilhelm from Havre. |
| Netherlands:                      |                      |        |         |  |
| Amsterdam                         | Dec. 20-Feb. 6       | 21     | 3       |  |
| Rotterdam                         | Dec. 6-Jan. 23       | 2      | .....   |  |
| Panama, Panama                    | Jan. 11-17.....      | .....  | 3       |  |
| Philippine Islands:               |                      |        |         |  |
| Manila                            | Nov. 15-Jan. 2       | 3      | 3       |  |
| Porto Rico:                       |                      |        |         |  |
| San Juan                          | Dec. 1-31.....       | 3      | .....   |  |
| Russia:                           |                      |        |         |  |
| Moscow                            | Nov. 22-Jan. 23      | 43     | 13      |  |
| Odessa                            | Nov. 29-Jan. 6       | 11     | 1       |  |
| St. Petersburg                    | Nov. 29-Jan. 23      | 255    | 23      |  |
| Warsaw                            | Nov. 8-Jan. 16       | .....  | 13      |  |
| Spain:                            |                      |        |         |  |
| Barcelona                         | Jan. 10-31.....      | .....  | 21      |  |
| Madrid                            | To Dec. 15.....      | 35,000 | .....   | Estimated.                                 |
| Santander                         | Dec. 9-Feb. 1        | 25     | 4       |  |
| Turkey:                           |                      |        |         |  |
| Constantinople                    | Jan. 18-31.....      | .....  | 6       |  |
| Smyrna                            | Nov. 23-Jan. 31      | .....  | 45      |  |
| Uruguay:                          |                      |        |         |  |
| Montevideo                        | Sept. 6-Oct. 31      | 12     | .....   |  |

Weekly mortality table, foreign and insular cities.

| Cities.               | Week ended— | Estimated population. | Total deaths from all causes. | Deaths from—  |         |          |               |           |               |                |                |             |          |                 |
|-----------------------|-------------|-----------------------|-------------------------------|---------------|---------|----------|---------------|-----------|---------------|----------------|----------------|-------------|----------|-----------------|
|                       |             |                       |                               | Tuberculosis. | Plague. | Cholera. | Yellow fever. | Smallpox. | Typhus fever. | Enteric fever. | Scarlet fever. | Diphtheria. | Measles. | Whooping cough. |
| Acapulco              | Feb. 6      | 6,000                 | 4                             |               |         |          |               |           |               |                |                |             |          |                 |
| Alexandretta          | Jan. 23     | 9,000                 | 5                             |               |         |          |               |           |               |                |                |             |          |                 |
| Amherstburg           | Feb. 13     | 2,250                 | 0                             |               |         |          |               |           |               |                |                |             |          |                 |
| Amsterdam             | Jan. 30     | 546,533               | 175                           | 17            |         |          |               | 1         |               |                |                | 2           | 7        | 5               |
| Antwerp               | Jan. 17     | 291,315               | 78                            | 3             |         |          |               | 1         | 1             |                |                | 1           | 3        |                 |
| Athens                | Jan. 23     | 200,000               | 11                            | 2             |         |          |               | 5         |               |                |                | 1           |          |                 |
| Barranquilla          | Feb. 2      | 45,000                | 23                            | 2             |         |          |               |           |               |                |                |             |          |                 |
| Beirut                | Jan. 23     | 80,000                | 22                            |               |         |          |               |           |               |                |                |             |          |                 |
| Belfast               | do          | 358,693               | 140                           |               |         |          |               |           |               | 1              |                | 2           |          | 5               |
| Do                    | Jan. 30     | 358,693               | 149                           |               |         |          |               |           |               | 1              |                |             | 1        | 10              |
| Belize                | Feb. 11     | 9,000                 | 10                            |               |         |          |               |           |               |                |                |             |          |                 |
| Belleville            | Feb. 8      | 8,041                 | 1                             |               |         |          |               |           |               |                |                |             |          |                 |
| Bergen                | Jan. 21     | 73,000                | 31                            | 8             |         |          |               |           |               |                |                |             | 5        |                 |
| Do                    | Jan. 28     | 73,000                | 22                            | 3             |         |          |               |           |               |                |                |             | 6        |                 |
| Birmingham            | Jan. 30     | 533,039               | 218                           |               |         |          |               |           |               | 1              | 2              | 4           | 9        | 9               |
| Bombay                | Jan. 19     | 776,006               | 680                           | 43            | 189     |          |               | 1         |               | 1              |                | 1           | 3        |                 |
| Bristol               | Jan. 30     | 343,204               | 109                           |               |         |          |               |           |               |                | 1              | 1           | 3        | 1               |
| Brunswick             | do          | 131,422               |                               |               |         |          |               |           |               |                |                |             |          |                 |
| Brussels              | Jan. 23     | 575,896               | 177                           | 18            |         |          |               |           |               | 1              | 1              | 1           | 7        | 1               |
| Budapest              | do          | 732,322               |                               |               |         |          |               |           |               |                | 6              | 3           |          | 1               |
| Coatzacoalcas         | Jan. 30     | 3,000                 | 1                             |               |         |          |               |           |               |                |                |             |          |                 |
| Do                    | Feb. 6      | 3,000                 | 1                             |               |         |          |               |           |               |                |                |             |          |                 |
| Cognac                | Jan. 23     | 19,483                | 5                             |               |         |          |               |           |               |                |                |             |          |                 |
| Do                    | Jan. 30     | 19,483                | 9                             | 2             |         |          |               |           |               |                |                |             |          |                 |
| Colombo               | Jan. 9      | 155,869               | 110                           | 25            |         |          |               |           |               | 1              |                |             |          |                 |
| Colon                 | Feb. 7      | 8,000                 | 15                            |               |         |          |               |           |               |                |                |             |          |                 |
| Constantinople        | Jan. 24     | 800,000               | 284                           |               |         |          |               | 3         |               | 7              |                | 2           | 1        |                 |
| Do                    | Jan. 31     | 800,000               | 303                           |               |         |          |               |           |               | 4              | 2              | 1           | 2        |                 |
| Copenhagen            | Jan. 23     | 500,000               | 119                           | 14            |         |          |               | 6         |               |                |                | 1           |          | 3               |
| Corunna               | Jan. 30     | 50,000                | 29                            | 3             |         |          |               |           |               |                |                |             | 1        |                 |
| Crefeld               | Jan. 23     | 110,573               | 22                            |               |         |          |               |           |               |                |                |             |          |                 |
| Curacao               | do          | 31,351                | 8                             |               |         |          |               |           |               |                |                |             |          |                 |
| Do                    | Jan. 30     | 31,351                | 9                             |               |         |          |               |           |               |                |                |             |          |                 |
| Edinburgh             | Jan. 23     | 331,971               | 111                           |               |         |          |               |           |               |                |                |             |          | 4               |
| Do                    | Jan. 30     | 331,971               | 107                           |               |         |          |               |           |               |                | 1              | 4           |          | 3               |
| Fiume                 | Jan. 24     | 38,996                | 96                            |               |         |          |               |           |               |                |                |             |          |                 |
| Flushing              | Jan. 30     | 19,336                | 9                             |               |         |          |               |           |               |                |                |             |          |                 |
| Frankfort-on-the-Main | Jan. 23     | 312,000               | 100                           |               |         |          |               |           |               | 1              |                |             |          | 2               |
| Funchal               | Jan. 31     | 44,049                | 23                            | 2             |         |          |               |           |               |                |                |             |          |                 |
| Geneva                | Jan. 16     | 116,000               | 48                            |               |         |          |               |           |               |                | 1              |             |          |                 |
| Ghent                 | Jan. 14     | 163,306               | 75                            | 10            |         |          |               |           |               |                | 3              | 1           | 3        |                 |
| Do                    | Jan. 23     | 163,306               | 68                            | 2             |         |          |               |           |               |                |                |             |          |                 |
| Do                    | Jan. 30     | 163,306               | 79                            | 4             |         |          |               |           |               |                |                |             | 2        |                 |
| Girgenti              | Jan. 16     | 25,069                | 18                            |               |         |          |               |           |               |                |                |             |          |                 |
| Do                    | Jan. 23     | 25,069                | 16                            |               |         |          |               |           |               |                |                |             |          |                 |
| Glasgow               | Feb. 5      | 798,357               |                               |               |         |          |               |           |               |                |                |             |          |                 |
| Guayaquil             | Jan. 30     | 60,000                | 74                            | 12            |         |          |               |           |               |                |                |             |          | 1               |
| Habana                | do          | 250,000               | 121                           | 24            |         |          |               |           |               | 1              | 4              | 1           | 1        |                 |
| Do                    | Feb. 6      | 250,000               | 92                            | 14            |         |          |               |           |               | 4              |                |             | 1        |                 |
| Halifax               | Feb. 13     | 40,787                | 19                            |               |         |          |               |           |               |                |                |             |          |                 |
| Hamburg               | Jan. 30     | 751,842               | 206                           |               |         |          |               |           |               | 1              | 1              | 4           |          |                 |
| Hamilton, Bermuda     | Feb. 9      | 17,535                | 4                             |               |         |          |               |           |               |                |                |             |          |                 |
| Havre                 | Jan. 23     | 130,196               | 83                            | 19            |         |          |               |           |               |                |                |             | 1        |                 |
| Hull                  | Jan. 30     | 253,865               | 100                           |               |         |          |               |           |               |                | 1              | 2           |          | 3               |
| Iquique               | Jan. 23     | 30,000                | 26                            |               |         |          |               |           |               |                |                |             |          |                 |
| Karachi               | Jan. 17     | 108,644               | 79                            |               | 9       |          |               |           |               |                |                |             | 1        |                 |
| Kingston, Canada      | Feb. 12     | 19,374                | 13                            |               |         |          |               |           |               |                |                |             |          |                 |
| La Rochelle           | Jan. 31     | 31,553                | 20                            |               |         |          |               |           |               |                |                |             |          |                 |
| Lausanne              | Jan. 16     | 50,800                | 18                            |               |         |          |               |           |               |                |                |             |          |                 |
| Leeds                 | Jan. 30     | 450,142               | 177                           | 15            |         |          |               |           |               |                | 2              | 2           | 10       | 8               |
| Leipzig               | Jan. 23     | 496,370               | 137                           | 18            |         |          |               |           |               |                | 4              | 4           |          |                 |
| Leith                 | do          | 80,508                | 24                            |               |         |          |               |           |               |                |                |             |          |                 |
| Do                    | Jan. 30     | 80,508                | 29                            | 4             |         |          |               |           |               |                | 1              |             |          | 3               |
| Licata                | Jan. 16     | 25,000                | 8                             |               |         |          |               |           |               |                |                |             |          |                 |
| Do                    | Jan. 24     | 25,000                | 14                            |               |         |          |               |           |               |                |                |             |          |                 |
| Liverpool             | Jan. 30     | 723,430               | 305                           |               |         |          |               |           |               |                |                |             |          |                 |
| Livingston, Guatemala | Feb. 8      | 3,500                 | 2                             |               |         |          |               |           |               | 1              | 2              | 3           | 6        | 16              |
| London                | Jan. 30     | 6,907,619             | 2,329                         |               |         |          |               |           |               |                | 6              | 13          | 33       | 47              |
| Lyons                 | Jan. 23     | 500,000               | 181                           | 35            |         |          |               |           |               |                |                |             | 3        |                 |
| Madras                | Jan. 15     | 509,346               | 373                           |               | 1       |          |               |           |               |                |                |             | 2        |                 |
| Magdeburg             | Jan. 16     | 234,591               | 82                            | 5             |         |          |               |           |               |                | 1              | 2           | 2        | 3               |
| Mainz                 | Jan. 30     | 89,000                | 34                            | 8             |         |          |               |           |               |                |                | 1           | 1        |                 |
| Manchester            | do          | 558,335               | 267                           | 26            |         |          |               | 1         |               | 1              | 3              | 2           | 1        | 11              |

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. |
| Mannheim.....             | Jan. 23     | 150,181               | 50                            | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | 7        |
| Mazatlan.....             | Jan. 30     | 20,000                | 22                            | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    |
| Messina.....              | Jan. 16     | 107,000               | 32                            | 1             | .....   | .....    | .....         | .....     | 1             | .....          | .....          | .....       | .....    |
| Do.....                   | Jan. 23     | 107,000               | 21                            | .....         | .....   | .....    | .....         | .....     | 1             | 1              | .....          | .....       | .....    |
| Mexico.....               | Jan. 17     | 368,777               | 330                           | 18            | .....   | .....    | .....         | .....     | 5             | 1              | 1              | 1           | .....    |
| Do.....                   | Jan. 24     | 368,777               | 335                           | 23            | .....   | .....    | .....         | 2         | 4             | 2              | 3              | .....       | 1        |
| Do.....                   | Jan. 31     | 368,777               | 330                           | 23            | .....   | .....    | .....         | 1         | 3             | .....          | .....          | .....       | .....    |
| Do.....                   | Feb. 7      | 368,777               | 337                           | 23            | .....   | .....    | .....         | 3         | 6             | .....          | .....          | .....       | .....    |
| Moscow.....               | Jan. 16     | 1,173,427             | 564                           | 21            | .....   | .....    | .....         | 1         | .....         | 2              | 10             | 16          | 13       |
| Newcastle-on-Tyne.....    | Jan. 30     | 219,021               | 92                            | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    |
| Nottingham.....           | do.....     | 239,753               | 84                            | .....         | .....   | .....    | .....         | .....     | .....         | 3              | .....          | 1           | .....    |
| Nuremberg.....            | Jan. 2      | 268,190               | 109                           | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | 4           | 3        |
| Do.....                   | Jan. 9      | 275,000               | 123                           | .....         | .....   | .....    | .....         | .....     | .....         | .....          | 2              | .....       | .....    |
| Odessa.....               | Jan. 23     | 475,000               | 188                           | 17            | .....   | .....    | .....         | .....     | .....         | 4              | 6              | 2           | 4        |
| Palermo.....              | Jan. 16     | 330,000               | 126                           | 3             | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    |
| Do.....                   | Jan. 23     | 330,000               | 104                           | 3             | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    |
| Panama.....               | Feb. 7      | 18,000                | 27                            | 5             | .....   | .....    | .....         | .....     | .....         | .....          | .....          | 1           | .....    |
| Paris.....                | Jan. 30     | 2,660,559             | 1,055                         | 237           | .....   | .....    | .....         | 3         | .....         | 6              | 1              | 8           | 18       |
| Port au Prince.....       | Jan. 11     | 60,000                | 28                            | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    |
| Do.....                   | Jan. 18     | 60,000                | 18                            | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    |
| Do.....                   | Jan. 25     | 60,000                | 18                            | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    |
| Do.....                   | Feb. 1      | 60,000                | 20                            | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    |
| Plymouth.....             | Jan. 30     | 112,000               | .....                         | 2             | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | 1        |
| Prague.....               | Jan. 23     | 226,951               | 141                           | 33            | .....   | .....    | .....         | .....     | .....         | 1              | .....          | 1           | .....    |
| Puerto Cortez.....        | Feb. 11     | 2,125                 | 1                             | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    |
| Quebec.....               | Jan. 23     | 70,000                | .....                         | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    |
| Do.....                   | Jan. 30     | 70,000                | .....                         | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    |
| Do.....                   | Feb. 6      | 70,000                | .....                         | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    |
| Rheims.....               | Jan. 31     | 108,385               | 53                            | 7             | .....   | .....    | .....         | .....     | .....         | 1              | .....          | .....       | 2        |
| Rio de Janeiro.....       | Jan. 17     | 800,000               | 317                           | 53            | 3       | .....    | .....         | 28        | .....         | .....          | 2              | .....       | .....    |
| Rotterdam.....            | Jan. 30     | 357,477               | 153                           | .....         | .....   | .....    | .....         | .....     | 3             | 6              | .....          | 2           | .....    |
| St. Georges, Bermuda..... | do.....     | 2,109                 | .....                         | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    |
| St. John, N. B.....       | Feb. 13     | 40,711                | 9                             | 1             | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    |
| St. Petersburg.....       | Jan. 23     | 1,450,000             | 613                           | 111           | .....   | .....    | .....         | 4         | .....         | 14             | 4              | 16          | 21       |
| St. Stephen, N. B.....    | Feb. 13     | 2,840                 | .....                         | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | 4        |
| Sagua la Grande.....      | Feb. 6      | 21,342                | 10                            | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    |
| San Feliu de Guixols..... | Jan. 31     | 11,333                | 1                             | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    |
| Santander.....            | Feb. 1      | 53,574                | 32                            | 2             | .....   | .....    | .....         | 1         | .....         | .....          | .....          | .....       | .....    |
| Singapore.....            | Jan. 2      | 97,111                | 172                           | 3             | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    |
| Southampton.....          | Jan. 30     | 112,500               | 31                            | 2             | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    |
| South Shields.....        | do.....     | 105,325               | 47                            | 4             | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | 1        |
| Stettin.....              | Jan. 23     | 218,000               | 87                            | .....         | .....   | .....    | .....         | .....     | .....         | 1              | 2              | 4           | .....    |
| Stockholm.....            | Jan. 16     | 305,115               | 110                           | 26            | .....   | .....    | .....         | .....     | .....         | .....          | 1              | 2           | .....    |
| Sunderland.....           | Jan. 30     | 151,093               | 52                            | 3             | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | 3        |
| Tampico.....              | Feb. 7      | 20,000                | 21                            | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    |
| Tangier.....              | Jan. 30     | 40,000                | .....                         | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    |
| Tarragona.....            | do.....     | 19,300                | 8                             | 1             | .....   | .....    | .....         | .....     | .....         | .....          | .....          | 1           | .....    |
| Trapani.....              | Jan. 23     | 61,477                | 13                            | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    |
| Utiilla.....              | Jan. 30     | 932                   | 1                             | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    |
| Venice.....               | Jan. 23     | 166,522               | 82                            | 8             | .....   | .....    | .....         | .....     | .....         | .....          | .....          | 3           | .....    |
| Vera Cruz.....            | Feb. 6      | 32,000                | 50                            | 15            | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | 1        |
| Victoria.....             | Jan. 7      | 21,000                | 4                             | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    |
| Do.....                   | Jan. 14     | 21,000                | 10                            | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    |
| Do.....                   | Jan. 21     | 21,000                | 4                             | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    |
| Do.....                   | Jan. 31     | 21,000                | 5                             | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    |
| Vienna.....               | Jan. 23     | 1,779,869             | 590                           | 115           | .....   | .....    | .....         | .....     | .....         | 2              | 1              | 9           | 2        |
| Warsaw.....               | Jan. 16     | 756,000               | 342                           | 37            | .....   | .....    | .....         | 10        | .....         | 4              | 9              | 3           | 3        |
| Winnipeg.....             | Feb. 6      | 70,000                | .....                         | .....         | .....   | .....    | .....         | .....     | .....         | 3              | 1              | .....       | .....    |

By authority of the Secretary of the Treasury:

WALTER WYMAN,  
Surgeon-General,

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