

# PUBLIC HEALTH REPORTS.

## UNITED STATES.

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

### INSPECTION SERVICE, MEXICAN BORDER.

#### *Inspection at Eagle Pass, Tex.*

Acting Assistant Surgeon Duggan reports as follows:

|                                  | Week<br>ended<br>Dec. 17. | Week<br>ended<br>Dec. 24. |
|----------------------------------|---------------------------|---------------------------|
| Persons inspected on trains..... | 141                       | 266                       |
| Persons held.....                | 0                         | 0                         |
| Pullman cars fumigated.....      | 7                         | 7                         |

Week ended December 17.—Bags of Pullman linen disinfected, 30; inspected on footbridge, 3,287 persons.

Week ended December 24.—Bags of Pullman linen disinfected, 29; inspected on footbridge, 3,586 persons.

#### *Inspection at El Paso, Tex.*

Acting Assistant Surgeon Alexander reports as follows:

Week ended December 24, 1904: Inspection of Mexican Central passengers, 202; inspection of Mexican immigrants, 129; inspection of Japanese, 6; disinfection of soiled linen imported for laundry, 397 pieces; disinfection of clothing, bedding, blankets, etc., 15 bundles.

#### *Inspection at Laredo, Tex.*

Acting Assistant Surgeon Hamilton reports, December 27, as follows:

Week ended December 24, 1904: Number of passenger trains from Mexico inspected, 16; persons on passenger trains from Mexico inspected, 1060; immigrants on passenger trains from Mexico inspected, 16; immigrants vaccinated upon entry, 10; Pullman coaches disinfected, 14; private coaches disinfected, 2; number of pieces of soiled linen of Pullmans from Mexico disinfected, 7,799.

*Inspection at Nogales, Ariz.*

Acting Assistant Surgeon Gustetter reports as follows:

Week ended December 24, 1904: Passengers inspected, 177; immigrants inspected, 39; deported, 4.

*Statistical reports of States and cities of the United States, yearly and monthly.*

CALIFORNIA—*Oakland*.—Month of November, 1904. Estimated population, 83,000. Total number of deaths, 88, including enteric fever 2, and 7 from tuberculosis.

The monthly report of the State board of health for the month of November, 1904, says:

Twenty-four reports, representing a population of 886,350, show a mortality of 1,120, or a death rate of 1.26 per thousand. In the public institutions, with a population of 8,740, there were 30 deaths—a rate of 3.43 per thousand.

Among the causes of death were: Tuberculosis, 167; heart disease, 137; pneumonia, 80; stomach, 76; cancer, 64; typhoid fever, 42; diarrhea and dysentery, 38; bronchitis, 13; alcoholism, 11; cerebro-spinal fever, 10; whooping cough, 9; cholera infantum, 9; diphtheria, 3; congestion of the lungs, 2; influenza, 2; erysipelas, 1; scarlatina, 1.

MARYLAND—*Baltimore*. Month of November, 1904. Estimated population, 541,000—white, 457,000; colored, 84,000. Total number of deaths, 793—white, 611; colored, 182—including diphtheria 13, enteric fever 15, scarlet fever 8, and 105 from tuberculosis.

MASSACHUSETTS—*Worcester*. Month of October, 1904. Estimated population, 127,286. Total number of deaths, 171, including scarlet fever 2 and 18 from tuberculosis.

Month of November, 1904. Total number of deaths 168, including enteric fever 2 and 17 from tuberculosis.

MICHIGAN.—Reports to the State board of health, Lansing, for the week ended December 24, 1904, from 63 observers, show that smallpox, dysentery, and inflammation of brain were more than usually prevalent, and diarrhea, pneumonia, erysipelas, pleuritis, measles, remittent fever, whooping cough, puerperal fever, cholera morbus, meningitis, and cholera infantum were less than usually prevalent.

Meningitis was reported present at 3, whooping cough at 10, measles at 22, pneumonia at 33, diphtheria at 45, enteric fever at 49, smallpox at 52, scarlet fever at 63, and phthisis pulmonalis at 233 places.

NEW JERSEY—*Paterson*.—Month of November, 1904. Estimated population, 116,593. Total number of deaths, 152, including diphtheria 5, enteric fever 1, and 23 from tuberculosis.

## ARRIVALS OF IMMIGRANTS.

*Report of immigration at Baltimore.*

OFFICE OF THE COMMISSIONER OF IMMIGRATION,  
Baltimore, Md., December —, 1904.

Number of alien immigrants who arrived at this port during the week ended December 24, 1904; also names of vessels and ports from which they came.

| Date of arrival. | Vessel.            | Where from.        | Number of aliens. |
|------------------|--------------------|--------------------|-------------------|
| Dec. 19          | Thistledhu .....   | Poti, Russia ..... | 1                 |
| 21               | Brandenburgh ..... | Bremen .....       | 932               |
|                  | Total .....        |                    | 933               |

LOUIS T. WEIS, *Commissioner.*

*Report of immigration at Boston.*

OFFICE OF THE COMMISSIONER OF IMMIGRATION,  
Boston, Mass., December 26, 1904.

Arrival of alien steerage passengers at this port during the week ended Saturday, December 24, 1904; also the names of vessels and ports from which they came.

| Date of arrival. | Vessel.                | Where from.     | Number of immigrants. |
|------------------|------------------------|-----------------|-----------------------|
| Dec. 18          | Oxonian .....          | Antwerp .....   | 3                     |
| 18               | Admiral Farragut ..... | Jamaica .....   | 2                     |
| 21               | Devonian .....         | Liverpool ..... | 28                    |
|                  | Total .....            |                 | 33                    |

GEORGE B. BILLINGS, *Commissioner.*

*Report of immigration at New York.*

OFFICE OF THE COMMISSIONER OF IMMIGRATION,  
Port of New York, December 27, 1904.

Report of arrivals of alien steerage passengers at this port during the week ended December 24, 1904.

| Date of arrival. | Vessel.            | Where from.                    | Number of aliens. |
|------------------|--------------------|--------------------------------|-------------------|
| Dec. 19          | Parima .....       | Burbados, etc. ....            | 1                 |
| 19               | St. Paul .....     | Southampton .....              | 756               |
| 19               | Umbria .....       | Liverpool and Queenstown ..... | 700               |
| 19               | Roma .....         | Naples .....                   | 343               |
| 19               | Brandenburg .....  | Bremen .....                   | 474               |
| 20               | Georgia .....      | Trieste .....                  | 644               |
| 20               | La Gascogne .....  | Havre .....                    | 672               |
| 20               | Morro Castle ..... | Habana .....                   | 5                 |
| 22               | Perugia .....      | Naples .....                   | 244               |
| 22               | Kroonland .....    | Antwerp .....                  | 876               |
| 22               | St. Andrew .....   | do .....                       | 2                 |
| 22               | Noordam .....      | Rotterdam .....                | 1                 |
| 23               | Byron .....        | Rio de Janeiro .....           | 17                |
| 23               | Deutschland .....  | Hamburg .....                  | 249               |
| 23               | Baltic .....       | Liverpool and Queenstown ..... | 957               |
| 23               | Catania .....      | Santos, etc. ....              | 3                 |
| 23               | Havana .....       | Habana, etc. ....              | 2                 |
| 24               | La Savoie .....    | Havre .....                    | 789               |
| 24               | Ethiopia .....     | Glasgow .....                  | 298               |
| 24               | Caribbee .....     | Demerara, etc. ....            | 1                 |
| 24               | Santiago .....     | Tampico .....                  | 1                 |
| 24               | Campania .....     | Liverpool and Queenstown ..... | 798               |
| 24               | Minnetonka .....   | London .....                   | 1                 |
|                  | Total .....        |                                | 7,834             |

WM. WILLIAMS, *Commissioner.*

*Report of immigration at Philadelphia.*

OFFICE OF THE COMMISSIONER OF IMMIGRATION,  
Philadelphia, Pa., December 27, 1904.

*Number of alien steerage passengers at this port during the week ended December 24, 1904;  
also names of vessels and ports from which they came.*

| Date of arrival. | Vessel.        | Where from.        | Number of aliens. |
|------------------|----------------|--------------------|-------------------|
| Dec. 18<br>24    | Storfond ..... | Wabana, N. F. .... | 1                 |
|                  | Rhynland ..... | Antwerp .....      | 123               |
|                  | Total .....    | .....              | 124               |

JNO. J. S. RODGERS,  
*Commissioner of Immigration.*

*Inspection of immigrants.*

## MONTHLY.

| Place.             | Month.        | Number of immigrants passed. | Number of immigrants rejected. |
|--------------------|---------------|------------------------------|--------------------------------|
| Malone, N. Y. .... | December .    | 40                           | 0                              |
| Richford, Vt. .... | .....do ..... | 2                            | 0                              |

*Reports from national quarantine*

| Number. | Name of station.                                  | Week ended— | Name of vessel.              | Date of arrival. | Port of departure.        |
|---------|---|-------------|------------------------------|------------------|---------------------------|
|         | UNITED STATES:                                    |             |                              |                  |                           |
| 1       | Alexandria, Va .....                              | Dec. 24     | .....                        | .....            | .....                     |
| 2       | Beaufort, N. C. ....                              | Dec. 31     | .....                        | .....            | .....                     |
| 3       | Biscayne Bay, Fla. ....                           | do          | .....                        | .....            | .....                     |
| 4       | Bocagrande, Fla.—                                 |             |                              |                  |                           |
| 5       | Punta Gorda .....                                 | Dec. 24     | .....                        | .....            | .....                     |
| 6       | Puntarasa .....                                   | do          | .....                        | .....            | .....                     |
| 7       | Brunswick, Ga. ....                               | do          | .....                        | .....            | .....                     |
| 8       | Cape Charles, Va. ....                            | do          | U. S. S. Marcellus.          | Dec. 20          | Guantanamo .....          |
| 9       | Cape Fear, N. C. ....                             | do          | Nor. bk. Fram <sup>a</sup>   | Dec. 17          | Cape Town .....           |
| 10      | Cedar Keys, Fla. ....                             | Dec. 31     | .....                        | .....            | .....                     |
|         | Columbia River, Oreg. ....                        | Dec. 17     | Br. ss. Ellerie <sup>a</sup> | Nov. 30          | Shimonoseki .....         |
| 11      | Cumberland Sound, Fla ...                         | Dec. 24     | It. bk. Sollecito .....      | Dec. 23          | Mossel Bay, South Africa. |
| 12      | Delaware Breakwater quarantine, Lewes, Del.       | do          | .....                        | .....            | .....                     |
| 13      | Eastport, Me .....                                | Dec. 22     | .....                        | .....            | .....                     |
| 14      | Eureka, Cal .....                                 | Dec. 29     | .....                        | .....            | .....                     |
| 15      | Grays Harbor, Wash ..                             | Dec. 17     | .....                        | .....            | .....                     |
| 16      | Gulf Quarantine, Ship Island, Miss.               | Dec. 24     | .....                        | .....            | .....                     |
| 17      | Ketchikan, Alaska .....                           | do          | .....                        | .....            | .....                     |
| 18      | Key West, Fla .....                               | Dec. 17     | .....                        | .....            | .....                     |
| 19      | Los Angeles, Cal .....                            | Dec. 24     | .....                        | .....            | .....                     |
| 20      | Newbern, N. C .....                               | Dec. 31     | .....                        | .....            | .....                     |
| 21      | Nome, Alaska .....                                | Dec. 17     | .....                        | .....            | .....                     |
| 22      | Panama, Panama .....                              | do          | .....                        | .....            | .....                     |
| 23      | Pascagoula, Miss. ....                            | Dec. 24     | .....                        | .....            | .....                     |
| 24      | Perth Amboy, N. J .....                           | do          | .....                        | .....            | .....                     |
| 25      | Port Angeles, Wash. ....                          | do          | .....                        | .....            | .....                     |
| 26      | Portland, Me .....                                | do          | .....                        | .....            | .....                     |
| 27      | Port Townsend, Wash. ....                         | Dec. 17     | .....                        | .....            | .....                     |
| 28      | Reedy Island, Del .....                           | Dec. 24     | .....                        | .....            | .....                     |
| 29      | St. Georges Sound, Fla.—                          |             |                              |                  |                           |
| 30      | East Pass .....                                   | do          | .....                        | .....            | .....                     |
| 31      | West Pass .....                                   | do          | .....                        | .....            | .....                     |
| 32      | St. Johns River, Fla. ....                        | do          | .....                        | .....            | .....                     |
| 33      | San Diego, Cal .....                              | do          | .....                        | .....            | .....                     |
|         | San Francisco, Cal .....                          | Dec. 17     | .....                        | .....            | .....                     |
| 34      | San Pedro, Cal .....                              | do          | .....                        | .....            | .....                     |
| 35      | Santa Barbara, Cal .....                          | do          | .....                        | .....            | .....                     |
| 36      | Santa Rosa, Fla .....                             | Dec. 24     | .....                        | .....            | .....                     |
| 37      | Savannah, Ga .....                                | do          | .....                        | .....            | .....                     |
| 38      | Sitka, Alaska .....                               | Dec. 10     | .....                        | .....            | .....                     |
| 39      | South Atlantic quarantine, Blackbeard Island, Ga. | Dec. 24     | .....                        | .....            | .....                     |
| 40      | Southbend, Wash .....                             | Dec. 17     | .....                        | .....            | .....                     |
| 41      | Tampa Bay, Fla .....                              | do          | .....                        | .....            | .....                     |
| 42      | Washington, N. C. ....                            | Dec. 24     | .....                        | .....            | .....                     |
|         |   | Dec. 5      | .....                        | .....            | .....                     |

<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 transactions   |                               |
| 2       |              |   |                    | No report   |                               |
| 3       |              |   |                    | do.   |                               |
| 4       |              |   |                    | do.   |                               |
| 5       |              |   |                    | do.   |                               |
| 6       |              |   |                    |   | 3                             |
| 7       | Norfolk      | Passed on medical officer's certificate.        |                    |   | 7                             |
| 8       | Wilmington   | Disinfected for rats; 2 found. Detained 3 days. | Dec. 28            |   | 1                             |
| 9       |              |   |                    | No report   |                               |
| 10      | Portland     | Disinfected                                     | Dec. 7             | Two cases smallpox. One, the captain, improving rapidly. The other having recovered, he and his nurse were bathed and their effects disinfected. Transferred to the Ellerie on her return from Portland. Rooms on shore occupied by patients were disinfected. Captain to be held until all danger is past. | 1                             |
| 11      | Fernandina   | Held to discharge ballast                       |                    |   | 3                             |
| 12      |              |   |                    | No transactions   |                               |
| 13      |              |   |                    |   | 16                            |
| 14      |              |   |                    | No transactions   | 15                            |
| 15      |              |   |                    | do.   |                               |
| 16      |              |   |                    |   | 9                             |
| 17      |              |   |                    | No transactions   |                               |
| 18      |              |   |                    |   | 8                             |
| 19      |              |   |                    | No transactions   |                               |
| 20      |              |   |                    | No report   |                               |
| 21      |              |   |                    | do.   |                               |
| 22      |              |   |                    | do.   |                               |
| 23      |              |   |                    |   | 5                             |
| 24      |              |   |                    | No transactions   |                               |
| 25      |              |   |                    | No report   |                               |
| 26      |              |   |                    |   | 5                             |
| 27      |              |   |                    | Glandular examination, Br. ss. Yangtze, from London.  | 4                             |
| 28      |              |   |                    | Glandular examination, Am. schr. Abbie Bowker, from Bluefields; Br. ss. Bardsey, from Rio de Janeiro, and Br. ss. Appalachee, from Bombay.  | 20                            |
| 29      |              |   |                    | No report   |                               |
| 30      |              |   |                    | do.   |                               |
| 31      |              |   |                    |   | 11                            |
| 32      |              |   |                    |   | 1                             |
| 33      |              |   |                    | 3 cases malaria on Am. ss. City of Peking from Ancon; 2 vessels boarded and passed.   | 10                            |
| 34      |              |   |                    | No report   |                               |
| 35      |              |   |                    | do.   |                               |
| 36      |              |   |                    | do.   |                               |
| 37      |              |   |                    |   | 8                             |
| 38      |              |   |                    |   | 2                             |
| 39      |              |   |                    | No American bill of health. Port of departure, Rochester.   | 1                             |
| 40      |              |   |                    | No transactions   |                               |
| 41      |              |   |                    |   | 1                             |
| 42      |              |   |                    | No transactions   | 5                             |

*Reports from national quarantine*

| Number. | Name of station.           | Week ended— | Name of vessel.        | Date of arrival. | Port of departure.                       |
|---------|----------------------------|-------------|------------------------|------------------|--|
|         | <b>HAWAII:</b>             |             |                        |                  |  |
| 43      | Hilo .....                 | Dec. 3      |                        |                  |  |
| 44      | Honolulu .....             | Dec. 10     |                        |                  |  |
| 45      | Kahului .....              | do          |                        |                  |  |
| 46      | Kihei .....                | Dec. 3      |                        |                  |  |
| 47      | Koloa .....                | Dec. 10     |                        |                  |  |
| 48      | Lahaina .....              | do          |                        |                  |  |
| 49      | Mahukona .....             | Dec. 3      |                        |                  |  |
|         | <b>PHILIPPINE ISLANDS:</b> |             |                        |                  |  |
| 50      | Cebu .....                 | Nov. 12     |                        |                  |  |
| 51      | Iloilo .....               | do          |                        |                  |  |
| 52      | Jolo .....                 | do          |                        |                  |  |
| 53      | Manila .....               | Nov. 19     |                        |                  |  |
| 54      | Zamboanga .....            | Nov. 5      |                        |                  |  |
|         | <b>PORTO RICO:</b>         |             |                        |                  |  |
| 55      | Ponce .....                | Dec. 17     | Cuban ss. Julia .....  | Dec. 16          | Habana .....                             |
|         |                            |             | Ger. ss. Croatia ..... | Dec. 16          | Curaçao .....                            |
| 56      | San Juan .....             | do          | Ss. Philadelphia ..... | Dec. 14          | Puerto Cabello ...                       |
|         | Subports—                  |             |                        |                  |  |
| 57      | Aguadilla .....            | do          |                        |                  |  |
| 58      | Arecibo .....              | do          | Ger. ss. Croatia ..... | Dec. 17          | Curaçao, Puerto Cabello, La Guaira, etc. |
| 59      | Arroyo .....               | do          |                        |                  |  |
| 60      | Fajardo .....              | do          |                        |                  |  |
| 61      | Humacao .....              | do          |                        |                  |  |
| 62      | Mayaguez .....             | do          | Ger. ss. Croatia ..... | Dec. 16          | Curaçao, Puerto Cabello, La Guaira, etc. |

*Reports from State and*

| Number. | Name of station.                | Week ended— | Name of vessel. | Date of arrival. | Port of departure. |
|---------|---------------------------------|-------------|-----------------|------------------|--------------------|
| 1       | Baltimore, Md .....             | Dec. 31     |                 |                  |                    |
| 2       | Bangor, Me .....                | do          |                 |                  |                    |
| 3       | Boston, Mass .....              | do          |                 |                  |                    |
| 4       | Charleston, S. C .....          | Dec. 24     |                 |                  |                    |
| 5       | Elizabeth River, Va .....       | Dec. 31     |                 |                  |                    |
| 6       | Galveston, Tex .....            | do          |                 |                  |                    |
| 7       | Gardiner, Oreg .....            | Dec. 24     |                 |                  |                    |
| 8       | Marcushook, Pa .....            | Dec. 31     |                 |                  |                    |
| 9       | Mobile Bay, Ala .....           | do          |                 |                  |                    |
| 10      | New Bedford, Mass .....         | do          |                 |                  |                    |
| 11      | New Orleans, La .....           | Dec. 24     |                 |                  |                    |
|         |                                 | Dec. 31     |                 |                  |                    |
| 12      | Newport News, Va .....          | do          |                 |                  |                    |
| 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 .....          | Dec. 24     |                 |                  |                    |
| 18      | Quintana, Tex .....             | Dec. 31     |                 |                  |                    |
| 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. |
|---------|--------------|---|--------------------|---|-------------------------------|
| 43      |              |   |                    | No transactions   |                               |
| 44      |              |   |                    | No report   |                               |
| 45      |              |   |                    | No transactions   |                               |
| 46      |              |   |                    | No report   |                               |
| 47      |              |   |                    | do  |                               |
| 48      |              |   |                    | No transactions   |                               |
| 49      |              |   |                    |   | 1                             |
| 50      |              |   |                    | No report   |                               |
| 51      |              |   |                    | do  |                               |
| 52      |              |   |                    | do  |                               |
| 53      |              |   |                    | do  |                               |
| 54      |              |   |                    | do  |                               |
| 55      | San Juan     | Held in quarantine                          | Dec. 16            | 50 passengers for Ponce held in quarantine: 10 from Santiago de Cuba, allowed to disembark, but will have to present at this office 5 days for examination. | 3                             |
|         | Havre        | do  | do                 | Touched at Puerto Cabello, La Guaira, Campinas, and Trinidad.   |                               |
| 56      | New York     | Held  | Dec. 14            |   | 3                             |
| 57      |              |   |                    | No transactions   |                               |
| 58      | Arecibo      | Held  | Dec. 17            | Took cargo in quarantine under guard.   |                               |
| 59      |              |   |                    | No transactions   |                               |
| 60      |              |   |                    | No report   |                               |
| 61      |              |   |                    |   | 1                             |
| 62      | Hamburg      | Held in quarantine                          | Dec. 16            |   | 2                             |

*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       |              |   |                    |           | 5                             |
| 5       |              |   |                    | No report |                               |
| 6       |              |   |                    | do        |                               |
| 7       |              |   |                    | do        |                               |
| 8       |              |   |                    | do        |                               |
| 9       |              |   |                    | do        |                               |
| 10      |              |   |                    |           | 1                             |
| 11      |              |   |                    | No report |                               |
|         |              |   |                    | do        |                               |
| 12      |              |   |                    | do        |                               |
| 13      |              |   |                    | do        |                               |
| 14      |              |   |                    | do        |                               |
| 15      |              |   |                    | do        |                               |
| 16      |              |   |                    | do        |                               |
| 17      |              |   |                    |           | 1                             |
| 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 31, 1904, to January 6, 1905.*

For reports received from June 25 to December 30, 1904, see PUBLIC HEALTH REPORTS for December 30, 1904.

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

| Place.                                 | Date.           | Cases. | Deaths. | Remarks.          |
|--|-----------------|--------|---------|-------------------|
| District of Columbia:                  |                 |        |         |                   |
| Washington.....                        | Dec. 18-24..... | 1      | .....   |                   |
| Total for District.....                |                 | 1      | .....   |                   |
| Total for District, same period, 1904. |                 | .....  | .....   |                   |
| Florida:                               |                 |        |         |                   |
| Jacksonville.....                      | Dec. 18-24..... | 1      | .....   |                   |
| Total for State.....                   |                 | 1      | .....   |                   |
| Total for State, same period, 1904.    |                 | .....  | .....   |                   |
| Illinois:                              |                 |        |         |                   |
| Chicago.....                           | Dec. 25-31..... | 11     | 3       |                   |
| Danville.....                          | Dec. 18-31..... | 2      | 1       |                   |
| Total for State.....                   |                 | 13     | 4       |                   |
| Total for State, same period, 1904.    |                 | 7      | .....   |                   |
| Louisiana:                             |                 |        |         |                   |
| New Orleans.....                       | Dec. 18-24..... | 7      | .....   | Four imported.    |
| Total for State.....                   |                 | 7      | .....   |                   |
| Total for State, same period, 1904.    |                 | 3      | .....   |                   |
| Minnesota:                             |                 |        |         |                   |
| Meeker County.....                     | Dec. 13-19..... | 1      | .....   |                   |
| Ottertail County.....                  | Dec. 13-19..... | 1      | .....   |                   |
| Rice County.....                       | Dec. 13-19..... | 12     | .....   |                   |
| Wilkin County.....                     | Dec. 13-19..... | 1      | .....   |                   |
| Total for State.....                   |                 | 15     | .....   |                   |
| Total for State, same period, 1904.    |                 | .....  | .....   |                   |
| New York:                              |                 |        |         |                   |
| New York.....                          | Dec. 18-24..... | 1      | .....   |                   |
| Total for State.....                   |                 | 1      | .....   |                   |
| Total for State, same period, 1904.    |                 | .....  | .....   |                   |
| Pennsylvania:                          |                 |        |         |                   |
| Johnstown.....                         | Dec. 18-24..... | 1      | .....   |                   |
| Total for State.....                   |                 | 1      | .....   |                   |
| Total for State, same period, 1904.    |                 | 100    | 25      |                   |
| South Carolina:                        |                 |        |         |                   |
| Charleston.....                        | Dec. 11-17..... | 2      | .....   |                   |
| Total for State.....                   |                 | 2      | .....   |                   |
| Total for State, same period, 1904.    |                 | .....  | .....   |                   |
| Tennessee:                             |                 |        |         |                   |
| Memphis.....                           | Dec. 25-31..... | 3      | .....   | 2 cases imported. |
| Nashville.....                         | Dec. 18-24..... | 4      | .....   |                   |
| Total for State.....                   |                 | 7      | .....   |                   |
| Total for State, same period, 1904.    |                 | 34     | .....   |                   |
| Wisconsin:                             |                 |        |         |                   |
| Milwaukee.....                         | Dec. 18-24..... | 24     | .....   |                   |
| Total for State.....                   |                 | 24     | .....   |                   |
| Total for State, same period, 1904.    |                 | 2      | .....   |                   |
| Grand total.....                       |                 | 72     | 4       |                   |
| Grand total, same period, 1904.        |                 | 226    | 25      |                   |

*Weekly mortality table, cities of the United States.*

| 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. | Whooping cough. |
| Altoona, Pa.         | Dec. 24     | 38,973                                    | 17                            | 1             |               |           |            |          |               | 1              |                | 1           |          |                 |
| Atlantic City, N. J. | do          | 27,838                                    | 7                             |               |               |           |            |          |               |                |                |             |          |                 |
| Baltimore, Md.       | do          | 508,957                                   | 202                           | 25            |               |           |            |          |               | 9              | 3              | 3           | 1        |                 |
| Binghamton, N. Y.    | do          | 38,647                                    | 11                            | 1             |               |           |            |          |               |                |                |             |          |                 |
| Boston, Mass.        | do          | 560,892                                   | 198                           | 26            |               |           |            |          |               |                | 2              | 3           |          | 1               |
| Brockton, Mass.      | do          | 40,063                                    | 9                             | 2             |               |           |            |          |               |                |                |             |          |                 |
| Cambridge, Mass.     | do          | 91,886                                    | 21                            | 2             |               |           |            |          |               | 1              |                |             |          |                 |
| Camden, N. J.        | do          | 75,935                                    | 27                            | 1             |               |           |            |          |               |                |                | 2           |          |                 |
| Camden, S. C.        | do          | 2,441                                     |                               |               |               |           |            |          |               |                |                |             |          |                 |
| Charleston, S. C.    | do          | 55,807                                    | 26                            | 7             |               |           |            |          |               |                |                |             |          |                 |
| Chelsea, Mass.       | do          | 34,072                                    | 10                            |               |               |           |            |          |               | 1              |                |             |          |                 |
| Chicago, Ill.        | do          | 1,698,575                                 | 544                           | 63            |               | 1         |            |          |               | 6              | 2              | 14          | 2        | 7               |
| Chicopee, Mass.      | do          | 19,167                                    | 5                             |               |               |           |            |          |               |                |                |             |          |                 |
| Cincinnati, Ohio.    | Dec. 23     | 325,902                                   | 144                           | 12            |               |           |            |          |               | 5              |                |             |          |                 |
| Cleveland, Ohio.     | do          | 381,766                                   | 96                            | 5             |               |           |            |          |               | 1              |                | 2           |          | 1               |
| Clinton, Mass.       | do          | 13,667                                    | 5                             |               |               |           |            |          |               |                |                |             |          |                 |
| Covington, Ky.       | Dec. 24     | 42,938                                    | 13                            | 1             |               |           |            |          |               |                |                | 1           |          |                 |
| Dayton, Ohio.        | do          | 85,333                                    | 23                            | 2             |               |           |            |          |               |                |                |             |          |                 |
| Detroit, Mich.       | do          | 285,704                                   | 111                           |               |               |           |            |          |               |                | 1              | 3           |          |                 |
| Dunkirk, N. Y.       | do          | 11,616                                    | 4                             |               |               |           |            |          |               |                |                |             |          |                 |
| Elmira, N. Y.        | do          | 35,672                                    | 12                            | 1             |               |           |            |          |               |                |                | 1           |          |                 |
| Erie, Pa.            | Dec. 23     | 52,733                                    | 20                            | 2             |               |           |            |          |               | 1              |                | 1           | 1        |                 |
| Everett, Mass.       | Dec. 24     | 24,326                                    | 6                             |               |               |           |            |          |               |                |                | 1           |          |                 |
| Fall River, Mass.    | do          | 104,863                                   | 45                            | 4             |               |           |            |          |               | 1              | 1              | 1           |          |                 |
| Fitchburg, Mass.     | do          | 31,531                                    | 5                             | 2             |               |           |            |          |               |                |                |             |          |                 |
| Haverhill, Mass.     | do          | 37,175                                    | 11                            | 2             |               |           |            |          |               |                |                |             | 1        |                 |
| Homestead, Pa.       | Dec. 18     | 12,554                                    | 6                             |               |               |           |            |          |               |                |                |             |          |                 |
| Do                   | Dec. 25     | 12,554                                    | 5                             |               |               |           |            |          |               |                |                |             |          |                 |
| Hydepark, Mass.      | Dec. 24     | 13,241                                    | 2                             |               |               |           |            |          |               |                |                |             |          |                 |
| Jacksonville, Fla.   | do          | 28,429                                    | 11                            |               |               |           |            |          |               |                |                |             |          |                 |
| Johnstown, Pa.       | do          | 35,936                                    | 6                             | 1             |               |           |            |          |               |                | 1              |             |          |                 |
| Lawrence, Mass.      | do          | 65,559                                    | 23                            | 5             |               |           |            |          |               |                |                |             |          |                 |
| Lexington, Ky.       | do          | 26,369                                    | 24                            | 3             |               |           |            |          |               |                |                |             |          |                 |
| Los Angeles, Cal.    | Dec. 17     | 102,479                                   | 64                            | 9             |               |           |            |          |               | 1              |                |             |          |                 |
| Louisville, Ky.      | Dec. 22     | 204,731                                   | 70                            | 10            |               |           |            |          |               |                |                | 2           | 1        |                 |
| Lowell, Mass.        | Dec. 24     | 94,969                                    | 41                            | 3             |               |           |            |          |               |                |                | 1           |          |                 |
| Lynn, Mass.          | do          | 68,513                                    | 18                            | 2             |               |           |            |          |               |                |                | 2           |          |                 |
| Macon, Ga.           | Dec. 17     | 22,746                                    | 7                             | 2             |               |           |            |          |               |                |                |             |          |                 |
| Do                   | Dec. 24     | 22,746                                    | 9                             |               |               |           |            |          |               |                |                |             |          |                 |
| Malden, Mass.        | do          | 33,664                                    | 11                            | 1             |               |           |            |          |               |                |                |             |          |                 |
| Manchester, N. H.    | do          | 56,987                                    | 24                            | 4             |               |           |            |          |               |                |                |             |          |                 |
| Marlboro, Mass.      | do          | 13,609                                    | 3                             |               |               |           |            |          |               |                |                |             |          |                 |
| Medford, Mass.       | do          | 18,241                                    | 7                             |               |               |           |            |          |               |                |                |             |          |                 |
| Melrose, Mass.       | do          | 12,902                                    | 5                             |               |               |           |            |          |               |                |                |             |          |                 |
| Memphis, Tenn.       | do          | 102,329                                   | 41                            | 9             |               |           |            |          |               |                |                |             |          |                 |
| Milwaukee, Wis.      | Dec. 17     | 285,315                                   | 90                            | 14            |               |           |            |          |               |                |                | 1           | 2        |                 |
| Do                   | Dec. 24     | 285,315                                   | 80                            | 10            |               |           |            |          |               |                |                |             |          |                 |
| Mount Vernon, N. Y.  | do          | 21,228                                    | 6                             |               |               |           |            |          |               |                |                |             |          |                 |
| Nashville, Tenn.     | do          | 80,865                                    | 33                            | 3             |               |           |            |          |               |                |                |             |          |                 |
| Newark, N. J.        | do          | 246,070                                   | 18                            |               |               |           |            |          |               | 3              | 4              | 4           | 1        |                 |
| New Bedford, Mass.   | do          | 63,442                                    | 33                            | 6             |               |           |            |          |               | 4              |                |             |          |                 |
| Newburyport, Mass.   | do          | 14,478                                    | 6                             | 1             |               |           |            |          |               |                |                |             |          |                 |
| New Orleans, La.     | do          | 287,164                                   | 123                           | 21            |               |           |            |          |               |                |                | 4           |          |                 |
| Newport, R. I.       | do          | 22,034                                    | 9                             |               |               |           |            |          |               |                |                |             |          |                 |
| Newton, Mass.        | do          | 33,587                                    | 11                            | 2             |               |           |            |          |               |                |                |             |          |                 |
| New York, N. Y.      | do          | 3,437,202                                 | 1,426                         | 143           |               |           |            |          |               | 17             | 15             | 49          | 4        | 1               |
| Niagara Falls, N. Y. | do          | 19,457                                    | 8                             |               |               |           |            |          |               | 1              |                |             |          |                 |
| Norristown, Pa.      | do          | 22,265                                    | 8                             | 1             |               |           |            |          |               |                |                | 1           |          |                 |
| North Adams, Mass.   | do          | 24,200                                    | 8                             |               |               |           |            |          |               |                |                | 6           |          |                 |
| Northampton, Mass.   | do          | 18,643                                    | 4                             |               |               |           |            |          |               |                |                |             |          |                 |
| Omaha, Nebr.         | do          | 102,555                                   | 21                            |               |               |           |            |          |               |                |                |             |          |                 |
| Oneonta, N. Y.       | do          | 7,147                                     | 2                             |               |               |           |            |          |               |                |                |             |          |                 |
| Philadelphia, Pa.    | do          | 1,293,697                                 | 508                           | 56            |               |           |            |          |               |                |                | 12          |          |                 |
| Plainfield, N. J.    | do          | 15,369                                    | 6                             | 2             |               |           |            |          |               | 8              |                |             |          |                 |
| Portland, Me.        | do          | 50,145                                    | 17                            |               |               |           |            |          |               |                |                |             |          |                 |
| Providence, R. I.    | do          | 175,597                                   | 78                            |               |               |           |            |          |               | 1              | 2              | 2           |          |                 |
| Quincy, Mass.        | do          | 23,899                                    | 8                             | 1             |               |           |            |          |               |                |                |             |          |                 |
| Reading, Pa.         | Dec. 26     | 78,961                                    | 32                            | 2             |               |           |            |          |               | 2              |                |             |          |                 |
| San Francisco, Cal.  | Dec. 17     | 342,782                                   | 143                           | 15            |               |           |            |          |               |                |                |             |          |                 |

*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. | Varioloid. | Cholera. | Typhus fever. | Enteric fever. | Scarlet fever.  |
|                          |             |  |                               |               |               |           |            |          |               |                | Diphtheria.     |
|                          |             |  |                               |               |               |           |            |          |               |                | Measles.        |
|                          |             |  |                               |               |               |           |            |          |               |                | Whooping cough. |
| Shreveport, La.....      | Dec. 24     | 16,013                                   | 7                             | 1             | .             | .         | .          | .        | .             | .              | .               |
| Siox Falls, S. Dak ..... | " do "      | 10,266                                   | 3                             | .:            | .             | .         | .          | .        | .             | .              | .               |
| Somerville, Mass.....    | " do "      | 61,643                                   | 22                            | 3             | .             | .         | .          | .        | .             | .              | .               |
| South Bend, Ind.....     | " do "      | 35,999                                   | 12                            | 2             | .             | .         | .          | .        | .             | .              | .               |
| Springfield, Ill.....    | Dec. 21     | 34,159                                   | .                             | .             | .             | .         | .          | .        | .             | 1              | .               |
| Preston, Pa.....         | Dec. 24     | 12,068                                   | 2                             | .             | .             | .         | .          | .        | .             | .              | .               |
| Looma, Wash.....         | Dec. 17     | 37,714                                   | 11                            | 4             | .             | .         | .          | .        | .             | .              | .               |
| Braintree, Mass.....     | Dec. 24     | 31,036                                   | 8                             | 1             | .             | .         | .          | .        | .             | .              | .               |
| Harrisville, Pa.....     | " do "      | 8,244                                    | .                             | .             | .             | .         | .          | .        | .             | .              | .               |
| Toledo, Ohio.....        | " do "      | 131,822                                  | 34                            | 3             | .             | .         | .          | .        | .             | .              | .               |
| Fremont, N. J.....       | " do "      | 73,307                                   | .                             | .             | .             | .         | .          | .        | .             | .              | 1               |
| Waltham, Mass.....       | " do "      | 23,481                                   | 4                             | 1             | .             | .         | .          | .        | .             | .              | .               |
| Norwich, Conn.....       | " do "      | 11,324                                   | 1                             | 1             | .             | .         | .          | .        | .             | .              | .               |
| Wichita, Kans.....       | Dec. 17     | 24,671                                   | 8                             | .             | .             | .         | .          | .        | .             | .              | .               |
| Do ".....                | Dec. 24     | 24,671                                   | 8                             | 1             | .             | .         | .          | .        | 1             | .              | 1               |
| Wilkesbarre, Pa.....     | " do "      | 51,721                                   | 16                            | 1             | .             | .         | .          | .        | .             | .              | 1               |
| Williamsport, Pa.....    | " do "      | 28,757                                   | 5                             | .             | .             | .         | .          | .        | .             | .              | .               |
| Worcester, Mass.....     | " do "      | 118,421                                  | 40                            | 1             | .             | .         | .          | .        | .             | .              | 2               |

## FOREIGN AND INSULAR.

### *Measures in force against arrivals from plague-infected ports.*

[Translated from the Bulletin Quarantenaire, Alexandria, December 8, 1904.]

**BULGARIA.**—By ministerial decree of November 7, arrivals from Smyrna and Mesopotamia are declared contaminated with plague.

**ROUMANIA.**—The measures against Smyrna which were reported October 29, were again put in force November 2. Arrivals from the said port are subject at Sulina to 48 hours' observation with disinfection.

### ARABIA.

#### *Report from Aden—Plague.*

Consul Masterson reports, December 2, as follows:

*Report of plague cases and deaths at Aden for the week ended December 2, 1904.*

| Locality.                    | Indigenous. |         |
|------------------------------|-------------|---------|
|                              | Cases.      | Deaths. |
| Crater.....                  | 9           | 8       |
| Hedjuff plague hospital..... | 6           | 3       |
| Shaikh Othman.....           | 3           | 3       |
| Total.....                   | 18          | 14      |

### BRAZIL.

#### *Report from Rio de Janeiro—Mortuary statistics—Plague, smallpox, and yellow fever.*

Acting Assistant Surgeon Stewart reports, November 19, as follows:

During the week ended November 13, 1904, there were in all 323 deaths, of which number none were caused by yellow fever. There were, however, 2 cases of this disease. Fifteen deaths were caused by plague, with a total of 32 new cases. All the deaths from plague were in hospitals except 2 in Santo Antonio district of the city. Variola caused 47 deaths, with only 140 new notifications of cases. At the close of the week there were the 2 cases of yellow fever referred to above in São Sebastião hospital, also 234 cases of variola, and at the plague hospital in Jurajuba there were 112 cases of this disease.

There were no deaths from scarlet fever, whooping cough, choleraic diseases of children, dysentery, or leprosy. Measles caused 2 deaths, diphtheria, 1; grippe, 6; enteric fever, 1; beriberi, 1; malarial fevers, 5, and tuberculosis, 54.

The deaths were divided as follows: Males, 184; natives, 263; foreigners, 50; less than 1 year of age, 56; more than 1 and up to 5 years, 36; 5 to 10, 13; 10 to 20, 26; 20 to 30, 56; 30 to 40, 40; 40 to 50, 38; 50 to 60, 25; more than 60 years of age, 31; and 2 whose ages were

unknown. As regards localities where deaths occurred, in houses, domiciles of all sorts, 199; in civil hospitals, 52; in military hospitals, 5; in Santa de Misericordia, 64; in asylums, convents, etc., none; in ships in port, none, and in localities unknown to the authorities, 3.

The daily average number of deaths was 46.14, compared with 56 for the preceding week, and with 41.28 for the corresponding week of last year. This total number of deaths gives an annual coefficient of deaths per 1,000 of the population, estimated at 850,000, of 19.86.

The highest temperature during the week was on the 8th instant, 25.9°, and the lowest on the 10th instant, 18.2° C., and the mean for the week was 21.84° C. The total rainfall for the week was 5.91 mm., and the daily average was 0.84 mm.

## CUBA.

*Report from Cienfuegos.*

Acting Assistant Surgeon Marsillan reports, December 20, as follows:

During the week ended December 17, 1904, no vessels cleared at this port for ports in the United States. No quarantinable disease entered the port during this week.

*Report from Habana—Inspection of vessels—Vessels from which passengers were landed at Triscornia quarantine station and sent to hospital—Mortuary statistics.*

Acting Assistant Surgeon Delgado reports, December 22, as follows: Transactions during the week ended December 17, 1904:

|  |       |
|--|-------|
| Vessels inspected and bills of health issued ..... | 26    |
| Crew of outgoing vessels inspected .....           | 1,002 |
| Passengers of outgoing vessels inspected .....     | 488   |
| Pieces of freight passed .....                     | 500   |

The following are the number of passengers who were landed at the quarantine station at Triscornia and sent to hospital for treatment:

December 12, steamship *Carmelina*, 1 passenger with malarial fever and 1 with broncho-pneumonia.

December 13, steamship *Erny*, 3 passengers with febricula and 1 with indigestion.

The American steamship *Vigilancia*, arrived from Progreso on the 12th, had 1 sailor with malarial fever from Veracruz.

The American steamship *Suratoga*, had 1 of the crew with slight fever.

*Mortuary report of Habana for the week ended December 17, 1904.*

| Disease.                     | Number of deaths. |
|------------------------------|-------------------|
| Tuberculosis .....           | 22                |
| Meningitis .....             | 4                 |
| Bronchitis .....             | 4                 |
| Cancer .....                 | 2                 |
| Enteric fever .....          | 3                 |
| Cachexia .....               | 2                 |
| Pneumonia .....              | 3                 |
| Scarlet fever .....          | 1                 |
| Diphtheria .....             | 2                 |
| Enteritis .....              | 1                 |
| Total number of deaths ..... | 98                |

*Report from Matanzas—Inspection of vessels—Mortuary statistics.*

Acting Assistant Surgeon Nuñez reports, December 26, as follows:

During the week ended December 24, 1904, only one bill of health was issued to a vessel leaving for a port in the southern United States. No cases of contagious or quarantinable diseases were reported during the week.

The following mortuary statistics of the city of Matanzas for the second ten days of December show a considerable decrease in the number of deaths as compared with previous reports, notwithstanding the bad sanitary conditions prevailing:

*December 10-20, 1904.*

| Causes of death.                             | Number of deaths. | Bertillon number. |
|--|-------------------|-------------------|
| Uraemia .....                                | 2                 | 120               |
| Lesion of heart, organic (unqualified) ..... | 1                 | 79                |
| Cancer of the pancreas .....                 | 1                 | 45                |
| Tuberculosis, pulmonary .....                | 4                 | 27                |
| Burns .....                                  | 1                 | 167               |
| Enteritis, infantile .....                   | 1                 | 105               |
| Enteritis, chronic .....                     | 1                 | 106               |
| <b>Total</b> .....                           | <b>11</b>         |                   |

Estimated population, 48,000; annual rate of mortality per mille, 8.36.

*Reports from Santiago—Inspection of vessels—Mortuary statistics.*

Acting Assistant Surgeon Wilson reports, December 21 and 27, as follows:

During the week ended December 17, 1904, bills of health were issued to 6 vessels bound for the United States.

No quarantinable disease has been reported.

*Mortuary report for the week ended December 17, 1904.*

| Causes of death.                  | Number.   | Bertillon number. |
|-----------------------------------|-----------|-------------------|
| Pernicious fever .....            | 1         | 1                 |
| Grippe-pneumonia .....            | 1         | 10                |
| Tubercle of lungs .....           | 3         | 27                |
| Sarcoma .....                     | 1         | 45                |
| Cerebral hemorrhage .....         | 2         | 64                |
| Tetanus, infantile .....          | 1         | 72                |
| Organic heart disease .....       | 1         | 79                |
| Angina pectoris .....             | 1         | 80                |
| Cerebral embolus .....            | 1         | 82                |
| Capillary bronchitis .....        | 1         | 90                |
| Broncho-pneumonia .....           | 2         | 92                |
| Pneumonia .....                   | 1         | 93                |
| Enteritis, 2 years and over ..... | 1         | 106               |
| Hernia, diaphragmatic .....       | 1         | 108               |
| Cirrhosis of liver .....          | 2         | 112               |
| Bright's disease .....            | 1         | 120               |
| Senility .....                    | 1         | 154               |
| Ill-defined or unspecified .....  | 3         | 179               |
| <b>Total</b> .....                | <b>25</b> |                   |

Annual rate of mortality for the week, 28.57 per 1,000; estimated population, 45,500.

*Suspicious case diagnosed as Bright's disease—Correction in regard to number of yellow fever cases at Punta de Sal.*

During the week ended December 24, 1904, bills of health were issued to 4 vessels bound for the United States.

No quarantinable disease has been reported. On December 24 it was rumored that there was another "suspicious case." An American at Punta de Sal had fever and albuminuria. The committee on infectious diseases was called as a precaution. The diagnosis of acute Bright's disease was made.

NOTE.—In Volume XIX Public Health Reports for 1904, Nos. 50, 51, 52, and 53, pages 2541, 2599, 2646, and 2690, 3 cases yellow fever at Punta de Sal, October 24 to November 26, should read 2 cases.

*Mortuary report for the week ended December 24, 1904.*

| Causes of death.                  | Number. | Bertillon No. |
|-----------------------------------|---------|---------------|
| Grippe-pneumonia.....             | 1       | 10            |
| Tubercle of lungs.....            | 1       | 27            |
| Meningo-encephalitis.....         | 1       | 61            |
| Cerebral hemorrhage.....          | 1       | 64            |
| Organic heart disease.....        | 1       | 79            |
| Capillary bronchitis.....         | 1       | 90            |
| Broncho-pneumonia.....            | 1       | 92            |
| Enteritis (2 years and over)..... | 1       | 106           |
| Congenital debility.....          | 1       | 151           |
| Ill-defined or unspecified.....   | 2       | 179           |
| Total.....                        | 11      |               |

Annual rate of mortality for the week, 12.57 per 1,000; estimated population, 45,500.

ECUADOR.

*Reports from Guayaquil—Mortuary statistics—Yellow fever—Inspection and fumigation of vessels.*

Acting Assistant Surgeon Gruver reports, December 16, as follows:

Week ended December 14, 1904. Present officially estimated population, 60,000. Total mortality from all causes, 37, as follows: Yellow fever, 3; smallpox, 1; infectious fever, 1; fever (without classification), 4; grippe, 3; enteric diseases, 4; tuberculosis, 5; from all other causes, 16.

During the week 1 vessel was fumigated; 9 passengers and 44 pieces of baggage were inspected; 1 immune certificate and 3 bills of health were issued, as follows: December 10, steamship *Peru*, from Chilean and Peruvian ports, cleared for Ancon, Canal Zone, with 4 cabin and 4 steerage passengers from this port. Two cabin and 5 steerage passengers from ports south were placed in quarantine to complete ten days from last exposure. December 13, steamship *Manavi*, a coasting steamer, cleared for Ancon, Canal Zone, and Panama, taking a bill of health for each place; crew, 45; cabin passengers, 18; steerage passengers, 17; all told, 80; passengers and crew not inspected; vessel not fumigated.

## EGYPT.

*Statement of pilgrims leaving Suez for the Hedjaz.*

[Translated from the Bulletin Quarantenaire, Alexandria, December 8, 1904.]

*November 3 to December 1, 1904.*

| Vessel.          | Flag.   | Date of departure. | Nationality of pilgrims. |            |           |        |            |        |          | Total. |
|------------------|---------|--------------------|--------------------------|------------|-----------|--------|------------|--------|----------|--------|
|                  |         |                    | Otto-man.                | Egypt-ian. | Rus-sian. | Kafir. | Alge-rian. | Dutch. | Af-ghan. |        |
| Report (1) ..... |         |                    | 1,000                    | 14         | 78        | 64     | 8          |        |          | 1,164  |
| Neghleh .....    | British | Nov. 3             | 282                      |            | 39        | 42     | 2          | 1      |          | 365    |
| Mahalla .....    | do.     | Nov. 10            | 101                      | 32         | 18        | 30     | 1          |        |          | 183    |
| Neghleh .....    | do.     | Nov. 17            | 19                       | 7          | 6         | 1      | 4          |        | 8        | 45     |
| Missir .....     | do.     | Nov. 24            | 11                       |            | 41        | 9      | 2          |        |          | 63     |
| Neghleh .....    | do.     | Dec. 1             | 3                        |            | 61        | 4      |            |        | 12       | 80     |
| Total .....      |         |                    | 1,416                    | 53         | 243       | 150    | 17         | 1      | 20       | 1,900  |

## HAWAII.

*Report from Honolulu—Quarantine transactions, month of November, 1904.*

Passed Assistant Surgeon Cofer reports, December 12, as follows:

## HONOLULU.

(Incoming quarantine.)

|  |       |
|--|-------|
| Steam vessels inspected and passed .....   | 17    |
| Crew on steam vessels .....                | 2,614 |
| Passengers on steam vessels .....          | 4,797 |
| Sailing vessels inspected and passed ..... | 6     |
| Crew on sailing vessels .....              | 151   |
| Passengers on sailing vessels .....        | 21    |
| Detentions for this month .....            | 374   |

## HILO, HAWAII.

|  |    |
|--|----|
| Steam vessels inspected and passed ..... | 2  |
| Crew on steam vessels .....              | 51 |
| Passengers on steam vessels .....        | 12 |

## KAHULUI, MAUI.

|   |    |
|---|----|
| Steam vessel inspected and passed ..... | 1  |
| Crew on steam vessels .....             | 29 |

## KIHAI, MAUI.

|   |    |
|---|----|
| Sailing vessel inspected and passed ..... | 1  |
| Crew on sailing vessels .....             | 18 |

Koloa, Lahaina, and Mahukona no transactions.



## INDIA.

*Report from Bombay—Port sanitary work during year 1903—Cholera, smallpox, and plague, 1903.*

Acting Assistant Surgeon Hume reports, December 2, as follows:

[From the annual report of the port health officer, Bombay, 1903.]

As shown in the accompanying tabular statement there were 11,901 persons on incoming vessels whose bedding and clothing had to be disinfected. Of this number, 2,712 were crew and British troops arriving by transports; 729 were crew and passengers from East African ports; 6,466 were pilgrims returning from Mecca via Aden and other routes; and 1,994 were crew and passengers on other inward vessels.

*I. Incoming vessels.*—In accordance with the rules in force, only those incoming vessels were inspected which were actually infected or supposed to be infected with plague, cholera, smallpox, measles, or other infectious disease. All vessels arriving from East African ports were subjected to inspection of crew and passengers for detection of jigger and sleeping sickness. Of 23 vessels arriving with infectious disease actually on board, 5 were transports. Of the latter, 1 had two cases of plague, the vessel being infested with rats. One of the others had 9 cases of plague during the voyage from Zanzibar, 8 of these having died at sea. Scores of rats were found dead in the storerooms, and on arrival in port, not only was thorough fumigation done, but the stores were all destroyed.

No case of sleeping sickness was detected on any ship coming from East Africa.

*II. Outgoing vessels.*—The medical examination of the crew and passengers of all vessels and the disinfection of the clothing and bedding of the Asiatic and African members of the crew who were not officers, engineers, doctors, or Japanese, and of the deck, third, and fourth class passengers and Asiatic and African servants bound for ports out of India were carried out immediately before they left the port, as ordered by Government. The inspection of the crew and passengers was done by day, on shore, in specially arranged sheds, while disinfection was carried on at the disinfection station near the Prince's dock, or by means of the stove on the floating disinfection barge. The clothing, bedding, and boxes and other suspected articles were disinfected for 45,708 Asiatic and African members of crews and for 34,121 third and fourth class and deck passengers and pilgrims sailing on steamers for ports out of India. In addition disinfection was done for the kits of 3,950 crew and 508 passengers sailing in native sailing craft for ports out of India.

The disinfection of clothing and bedding of passengers and crew of vessels proceeding to ports out of India via Karachi was not carried out at Bombay, as the agents of the steamship companies preferred that it should be done at Karachi.

An apparatus for the formaldehyde-gas disinfection of boots and shoes of passengers and crew was supplied by the director of the Plague Research Laboratory. The apparatus is capable of taking 72 pairs of native shoes at one charge and requires twenty-five minutes for "ordinary" disinfection and ninety minutes for "absolute" disinfection. It takes nearly three hours for the ordinary disinfection and

nine hours for the absolute disinfection of 350 pairs of boots and shoes of the native crew of a large vessel. As it is difficult to give so much time to the disinfection of boots from one ship, the purchase of another boot and shoe disinfector of an improved pattern and of at least double the capacity of the present one has been suggested to Government.

Experiments by Professor Haffkine showed that plague bacilli ceased to grow in an appropriate artificial medium after having been subjected for twenty-five minutes to formaldehyde gas derived from 5 paraform tabloids, but that they still had sufficient vitality left to enable them to recover their primitive vigor when injected into the body of a rat. In order to absolutely devitalize the plague bacillus and render it incapable of growth in the body of a very susceptible animal it was found necessary to increase the number of paraform tabloids to 60 and the time of exposure to one and a half hours.

In five instances during the year the crew and passengers of vessels which merely called at Bombay to land or embark passengers were exempt from inspection and disinfection. Such of the crew and passengers as embarked here were inspected by day on shore. New native members of crew and third, fourth, and deck-class passengers had their effects disinfected.

The agents, commanders, and nacodas (pilots) of all outgoing vessels, including native craft, with very few exceptions, were careful in paying attention to the sanitary state of their ships, and in almost every case cheerfully carried out the instructions and advice of the port health officer. The forecastles were limewashed, painted, or disinfected before departure. Native craft, the bilges of which were found to be dirty or to contain foul water, had to postpone their departure until they were thoroughly cleaned.

In every case where a vessel had cases of infectious disease among passengers or crew within ten days prior to their departure from Bombay, the bills of health stated the nature of such illness and the measures taken before the departure of the vessel to prevent the spread of the infection.

Six vessels were allowed to depart, conveying coffins containing the remains of certain persons who were certified to have died of non-infectious disease. The persons interested had the permission of their respective Governments to convey the corpses.

An inquiry was addressed to the various Bombay shipping agents as to whether any of their steamers which possessed a Bombay bill of health met with any vexatious delay owing to quarantine regulations at foreign ports. All but three of the agents replied that there had been no delay. In the three cases there was definite cause on three occasions for the special imposition of quarantine at foreign ports.

*III. Infectious diseases on vessels in the harbor and docks.*—As shown in the tabular statement, 32 vessels were found infected, mostly with cases of plague. Of 22 cases of plague, 20 were on vessels, and 2 were dock laborers whose corpses were found at the wharves. All infected vessels and wharves were thoroughly disinfected.

*IV. Port observation camp.*—The area of land occupied by the camp was reduced in June, 1903, from 12,555 square feet to 10,854 square feet, the monthly rental for which was about \$25. This camp received some of the persons who were rejected and sent there from the outward and inward inspections. They were kept under observation until their temperature fell to normal or until it was certain that they

were not suffering from plague. Of those who were sent to the camp from the outward inspections, 39 developed plague and were transferred to the Modikhana Hospital for treatment, the sheds they had occupied being then thoroughly disinfected and kept vacant for some days. Of the sweepers employed in the camp one developed plague and died in the Modikhana Hospital.

*V. Disinfection of vessels and cargo.*—In addition to the disinfection of vessels for infectious diseases where such disinfection was legally required, the disinfection barge was, in certain cases, placed at the disposal of naval vessels for the disinfection of clothing, etc., belonging to the crews of vessels on which there had been diseases which though infectious did not come under the infectious diseases act. In one case where a case of cholera occurred on a vessel the water tanks were disinfected with potassium permanganate solution before being refilled.

*VI. General health of the shipping.*—Eight hundred and sixty-seven persons connected with the shipping were admitted into hospitals during the year. No deaths occurred from the effects of cleaning bilges of ships.

*Statement of the shipping of Bombay port and of sanitary work in connection therewith for the year ended December 31, 1903.*

| Vessels, including country craft. | Total number of vessels. | Vessels inspected. | Persons inspected, including crew on vessels. | Native crew and third-class passengers whose kit was disinfected. | Vessels disinfected. | Persons vaccinated. | Diseases and number of cases of each. |          |           |          |              |         |
|-----------------------------------|--------------------------|--------------------|---|---|----------------------|---------------------|---------------------------------------|----------|-----------|----------|--------------|---------|
|                                   |                          |                    |   |   |                      |                     | Plague.                               | Cholera. | Smallpox. | Measles. | Chicken pox. | Jigger. |
| Entered .....                     | 34,351                   | 102                | 22,272  | 11,901  | 23                   | .....               | 16                                    | 2        | 12        | 8        | 18           | 7       |
| Left .....                        | 34,369                   | 14,463             | 697,050                                       | 84,287  | 32                   | 458                 | 39                                    | ...      | 217       | 3        | 63           | ...     |
| In harbor during year             | 1,172                    | 32                 | .....   | .....   | 32                   | .....               | 22                                    | ...      | 9         | ...      | ...          | 1       |
| Total for 1903..                  | 69,892                   | 14,597             | 719,322                                       | 96,188  | 55                   | 458                 | 77                                    | 2        | 238       | 19       | 81           | 7       |
| Total for 1902.....               | 69,791                   | 15,432             | 701,964                                       | 98,479  | 61                   | 282                 | 44                                    | 2        | 11        | 106      | 67           | 1       |

*Cholera, smallpox, and plague in Bombay.*—During the year there were 17 deaths from cholera, 1,477 from smallpox, and 20,788 from plague in Bombay City. Cholera was not epidemic at any time. From February to May there was a heavy mortality from smallpox, while plague was virulent from January to May.

Whenever plague developed among the crew or passengers who were not allowed to embark for ports out of India, Government was informed of the fact in order that the authorities at the vessel's next port of call might be given notice by telegraph. If plague occurred among those who were to have sailed for ports in India, the port health officer notified the authorities at the next port of call.

There is in port an apparatus for the disinfection of ship's holds and for the destruction of rats and cockroaches on board vessels by means of sulphur dioxide. This is owned by one of the shipping firms and is used by them whenever necessary.

*Report from Calcutta—Fumigation of vessels—Cholera and plague mortality.*

Acting Assistant Surgeon Eakins reports, December 1, as follows:

During the week ended November 26, 1904, bills of health were issued to steamship *Charles Tiberghien*, bound to Philadelphia and New York,

with a total crew of 37; to steamship *Cayo Bonito*, bound to Galveston, with a total crew of 32, and to steamship *Drachenfels*, bound to Boston and New York, with a total crew of 66. The usual precautions were taken, holds fumigated, rat guards placed on wharf line, and Lascars's effects disinfected.

During the week ended November 26, 1904, there were 41 deaths from cholera and 8 deaths from plague in Calcutta.

In Bengal during the week ended November 19, 1904, there were 486 cases and 412 deaths.

In India during the week ended November 5, 1904, there were 20,292 cases of and 15,980 deaths from plague; during the week ended November 12, 19,072 cases and 15,197 deaths, and during the week ended November 19, 17,946 cases and 14,115 deaths from plague.

#### PANAMA.

##### *Report from Colon—Vessels cleared for United States and insular ports.*

Acting Assistant Surgeon Mohr reports, December 19, as follows:

During the week ended December 17, 1904, the following vessels cleared for ports in the United States and insular possessions, and were granted bills of health:

American schooner *Starke* for Pascagoula, December 11, with 7 crew and 2 passengers.

Spanish steamship *Montevideo* for Ponce, via South American ports, December 12, 124 crew and 93 passengers.

American steamship *Seguranca* for New York, December 14, with 67 crew and 87 passengers.

British steamship *Antillian* for New Orleans, via Jamaica and Mexican ports, December 14, with 52 crew and 67 passengers.

Norwegian steamship *Taunton* for New Orleans, via Limon, December 15, with 24 crew and 2 passengers.

#### PERU.

##### *Report from Callao—Outgoing quarantine transactions.*

Assistant Surgeon Lloyd reports, December 3, as follows:

*Outgoing quarantine transactions at Callao, Peru, for the month of October, 1904, including work done by the service and by the Peruvian authorities.*

|                          |                |
|--------------------------|----------------|
| Vessels inspected.....   | 27             |
| Vessels fumigated.....   | 26             |
| <hr/>                    |                |
| Persons inspected:       |                |
| Crew.....                | 1,892          |
| Cabin passengers.....    | 1,098          |
| Steorage passengers..... | 693            |
| <hr/>                    |                |
| Total.....               | 3,683          |
| <hr/>                    |                |
| Baggage inspected.....   | pieces.. 2,678 |
| Baggage disinfected..... | do.... 1,795   |

The part of the work relating to vessels bound for the United States or Panama has been previously reported.

## PORTO RICO.

*Reports of immigration at San Juan, Ponce, and subport.*OFFICE OF THE COMMISSIONER OF IMMIGRATION,  
Port of San Juan, P. R., December 28, 1904.*Report of arrivals of alien steerage passengers during the week ended December 17, 1904.*

| Date of arrival. | Vessel.                     | Where from.         | Number of aliens. |
|------------------|-----------------------------|---------------------|-------------------|
| Dec. 14          | Steamship Philadelphia..... | La Guayra.....      | 5                 |
|                  |                             | Puerto Cabello..... | 2                 |
| Dec. 17          | Steamship Julia.....        | Habana.....         | 11                |
|                  |                             | Santiago.....       | 5                 |
|                  |                             | Santo Domingo.....  | 4                 |
|                  | PONCE.                      |                     |                   |
| Dec. 16          | Steamship Julia.....        | Habana.....         | 1                 |
|                  |                             | Santiago.....       | 6                 |
|                  | MAYAGUEZ.                   |                     |                   |
| Dec. 16          | Steamship St. Domingue..... | Santo Domingo.....  | 2                 |
| Do.              | Steamship Julia.....        | Habana.....         | 1                 |
|                  |                             | Santiago.....       | 1                 |
|                  |                             | Baracoa.....        | 1                 |
|                  | Total.....                  |                     | 39                |

BENSON H. SISSON, *Acting Commissioner.**Report of arrivals of alien steerage passengers during the week ended December 24, 1904.*

| Date of arrival. | Vessel.               | Where from.       | Number of aliens. |
|------------------|-----------------------|-------------------|-------------------|
| Dec. 18          | Olinda Rodrigues..... | Puerto Plata..... | 7                 |
| 22               | Montevideo.....       | La Guaira.....    | 1                 |
|                  | PONCE.                |                   |                   |
| 17               | St. Domingue.....     | Sto. Domingo..... | 2                 |
| 21               | Montevideo.....       | La Guaira.....    | 1                 |
| 21               | Maricaoibo.....       | Curaçao.....      | 3                 |
|                  | Total.....            |                   | 14                |

BENSON H. SISSON, *Acting Commissioner.*

## WEST INDIES.

*Report from Barbados—Smallpox reported epidemic at Buenos Ayres.*

Assistant Surgeon Ward reports, December 17, as follows:

The Cuban bill of health issued at Buenos Ayres, November 25, 1904, to the British steamship *Etona*, bound to San Juan and to ports in Cuba, calling at this port, December 15, to discharge part of her cargo, shows that there were 90 cases of smallpox and 10 deaths during the past two weeks, and that smallpox was prevailing in an epidemic form.

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

CANADA—*British Columbia—Victoria.*—Month of November, 1904. Estimated population, 21,000. Total number of deaths, 23, including 3 from phthisis pulmonalis.

CUBA—*Habana*.—Month of November, 1904. Estimated population, 275,000. Total number of deaths, 373, including diphtheria 2, enteric fever 5, scarlet fever 1, and 84 from tuberculosis.

DUTCH GUIANA—*Paramaribo*.—Month of November, 1904. Estimated population, 32,547. Total number of deaths, 74. No contagious diseases.

GERMANY—*Strassburg*.—Month of October, 1904. Estimated population, 162,101. Total number of deaths, 232, including diphtheria 12, measles 1, scarlet fever 2, whooping cough 1, and 26 from tuberculosis.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 76 great towns in England and Wales during the week ended December 10, 1904, correspond to an annual rate of 18.5 per 1,000 of the aggregate population, which is estimated at 15,271,287.

*London*.—One thousand six hundred and thirteen deaths were registered during the week, including measles 22, scarlet fever 9, diphtheria 23, whooping cough 19, enteric fever 11, and 16 from diarrhea. The deaths from all causes correspond to an annual rate of 18.1 per 1,000. In Greater London 2,279 deaths were registered. In the "outer ring" the deaths included 1 from diphtheria, 5 from measles, 1 from scarlet fever, 5 from whooping cough, and 2 from diarrhea.

*Ireland*.—The average annual death rate represented by the deaths registered during the week ended December 10, 1904, in the 21 principal town districts of Ireland was 22.7 per 1,000 of the population, which is estimated at 1,093,289. The lowest rate was recorded in Clonmel, viz, 5.1, and the highest in Dundalk, viz, 31.9, per 1,000. In Dublin and suburbs 192 deaths were registered, including diphtheria 1, enteric fever 2, measles 10, scarlet fever 1, and 39 from tuberculosis.

*Scotland*.—The deaths registered in 8 principal towns during the week ended December 10, 1904, correspond to an annual rate of 19.7 per 1,000 of the population, which is estimated at 1,726,236. The lowest rate of mortality was recorded in Perth, viz, 12.3, and the highest in Glasgow, viz, 23.1 per 1,000. The aggregate number of deaths registered from all causes was 653, including diphtheria 3, measles 10, scarlet fever 1, and 38 from whooping cough.

*Spain—Barcelona*.—Ten days ended December 10, 1904. Estimated population, 600,000. Total number of deaths, 307, including diphtheria 4, enteric fever 15, measles 1, scarlet fever 1, whooping cough 1, smallpox 17, and 31 from tuberculosis.

*Cadiz*.—Month of November, 1904. Estimated population, 69,382. Total number of deaths, 155, including diphtheria 2, enteric fever 4, measles 2, smallpox 5, and 16 from tuberculosis.

*Seville*.—Month of November, 1904. Estimated population, 148,230. Total number of deaths, 425, including diphtheria 3, enteric fever 6, measles 1, whooping cough 3, and 68 from tuberculosis.

*Cholera, yellow fever, plague, and smallpox, December 31, 1904, to January 6, 1905.*

[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 25 to December 30, 1904, see PUBLIC HEALTH REPORTS for December 30, 1904.]

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

## CHOLERA.

| Place.         | Date.                | Cases. | Deaths. | Remarks. |
|----------------|----------------------|--------|---------|----------|
| India:         |                      |        |         |          |
| Bombay .....   | Nov. 31-Dec. 6 ..... | .....  | 2       |          |
| Calcutta ..... | Nov. 19-25 .....     | .....  | 41      |          |

## YELLOW FEVER.

|                      |                  |   |       |  |
|----------------------|------------------|---|-------|--|
| Brazil:              |                  |   |       |  |
| Rio de Janeiro ..... | Nov. 7-13 .....  | 2 | ..... |  |
| Mexico:              |                  |   |       |  |
| Oaxaca—              |                  |   |       |  |
| Juchitan .....       | Dec. 18-24 ..... | 2 | 1     |  |
| Veracruz—            |                  |   |       |  |
| (Coatzacoalcos and   | Dec. 11-25 ..... | 4 | 1     |  |
| Texistepec).         |                  |   |       |  |
| Panama:              |                  |   |       |  |
| Panama .....         | Dec. 13-19 ..... | 3 | ..... |  |

## PLAGUE.

|  |                      |        |        |  |
|--|----------------------|--------|--------|--|
| Arabia:                                |                      |        |        |  |
| Crater .....                           | Nov. 27-Dec. 2 ..... | 9      | 8      |  |
| Hedjuff (plague hospitals) ..          | Nov. 27-Dec. 2 ..... | 6      | 3      |  |
| Shaikh Othman .....                    | Nov. 27-Dec. 2 ..... | 3      | 3      |  |
| Brazil:                                |                      |        |        |  |
| Rio de Janeiro .....                   | Nov. 7-13 .....      | 32     | 15     |  |
| Formosa .....                          | Oct. 1-31 .....      | 45     | 42     |  |
| India:                                 |                      |        |        |  |
| Bombay Presidency and Sind             | Oct. 29-Nov. 19 ..   | 32,032 | 24,445 |  |
| Madras Presidency .....                | Oct. 29-Nov. 19 ..   | 1,605  | 1,257  |  |
| Bengal .....                           | Oct. 29-Nov. 19 ..   | 1,334  | 1,014  |  |
| United Provinces .....                 | Oct. 29-Nov. 19 ..   | 8,268  | 7,110  |  |
| Punjab .....                           | Oct. 29-Nov. 19 ..   | 4,940  | 3,939  |  |
| Central Provinces (including Berar) .. | Oct. 29-Nov. 19 ..   | 1,672  | 1,442  |  |
| Mysore State .....                     | Oct. 29-Nov. 19 ..   | 1,638  | 1,222  |  |
| Hyderabad State .....                  | Oct. 29-Nov. 19 ..   | 2,962  | 2,438  |  |
| Central India .....                    | Oct. 29-Nov. 19 ..   | 1,601  | 1,397  |  |
| Rajputana .....                        | Oct. 29-Nov. 19 ..   | 1,048  | 897    |  |
| Kashmir .....                          | Oct. 29-Nov. 19 ..   | 210    | 131    |  |
| Grand total .....                      |                      | 57,310 | 45,292 |  |
| Straits Settlements:                   |                      |        |        |  |
| Singapore .....                        | Nov. 5-12 .....      | 1      | 1      |  |

## SMALLPOX.

|                         |                      |       |       |  |
|-------------------------|----------------------|-------|-------|--|
| Argentina:              |                      |       |       |  |
| Buenos Ayres .....      | Nov. 12-25 .....     | 90    | 10    |  |
| Brazil:                 |                      |       |       |  |
| Rio de Janeiro .....    | Nov. 6-13 .....      | 140   | 47    |  |
| France:                 |                      |       |       |  |
| Lyon .....              | Dec. 3-10 .....      | 1     | ..... |  |
| Great Britain:          |                      |       |       |  |
| Glasgow .....           | Dec. 10-16 .....     | 2     | ..... |  |
| Newcastle-on-Tyne ..... | Dec. 4-10 .....      | 21    | ..... |  |
| South Shields .....     | Dec. 4-10 .....      | 2     | ..... |  |
| India:                  |                      |       |       |  |
| Bombay .....            | Nov. 31-Dec. 6 ..... | ..... | 14    |  |
| Calcutta .....          | Nov. 19-25 .....     | ..... | 2     |  |

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

## SMALLPOX—Continued.

| Place.              | Date.                | Cases. | Deaths. | Remarks. |
|---------------------|----------------------|--------|---------|----------|
| Italy:              |                      |        |         |          |
| Catania.....        | Dec. 9-15 .....      |        | 1       |          |
| Milan.....          | Dec. 1-31 .....      | 1      |         |          |
| Russia:             |                      |        |         |          |
| Moscow.....         | Nov. 27-Dec. 3 ..... | 5      | 2       |          |
| Odessa.....         | Dec. 10 .....        | 1      |         |          |
| Warsaw.....         | Nov. 12 .....        |        | 5       |          |
| Spain:              |                      |        |         |          |
| Barcelona.....      | Dec. 1-10 .....      |        | 17      |          |
| Cadiz.....          | Nov. 1-30 .....      |        | 5       |          |
| Turkey:             |                      |        |         |          |
| Constantinople..... | Dec. 4-11 .....      |        | 20      |          |

*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. |
| Alexandretta.....          | Nov. 26     | 9,000                 | 7                             |               |         |          |               |           |               |                |                |             |          |
| Amsterdam.....             | Dec. 10     | 550,150               | 177                           | 28            |         |          |               |           |               |                | 1              | 2           | 7        |
| Athens.....                | Dec. 3      | 200,000               | 10                            | 3             |         |          |               |           | 2             | 2              |                | 3           |          |
| Barmen.....                | do          | 150,212               | 49                            |               |         |          |               |           |               | 1              |                | 5           |          |
| Barranquilla.....          | Dec. 11     | 42,000                | 16                            |               |         |          |               |           |               |                |                |             |          |
| Beirut.....                | Dec. 3      | 80,000                | 11                            |               |         |          |               |           |               |                |                |             |          |
| Belfast.....               | Dec. 10     | 358,693               | 167                           |               |         |          |               |           |               | 4              |                |             | 18       |
| Belize.....                | Dec. 22     | 9,100                 | 7                             |               |         |          |               |           |               |                |                |             |          |
| Berlin.....                | Nov. 26     | 1,998,119             | 560                           | 68            |         |          |               |           | 1             | 10             | 8              | 11          |          |
| Birmingham.....            | Dec. 10     | 537,965               | 188                           |               |         |          |               |           | 1             | 1              | 4              | 2           | 1        |
| Bombay.....                | Nov. 29     | 776,006               | 665                           | 62            | 74      | 1        |               | 5         | 1             |                |                | 5           |          |
| Bristol.....               | Dec. 10     | 356,647               | 155                           |               |         |          |               |           | 1             |                |                | 5           | 5        |
| Brussels.....              | Dec. 3      | 575,896               | 164                           | 13            |         |          |               |           |               |                |                | 1           | 1        |
| Brunswick.....             | Dec. 10     | 130,000               |                               |               |         |          |               |           |               |                |                |             |          |
| Calcutta.....              | Nov. 26     | 847,796               | 535                           | 15            | 8       | 41       |               | 2         |               |                |                |             |          |
| Christiania.....           | Dec. 10     | 224,000               | 50                            |               |         |          |               |           |               |                | 1              | 1           | 1        |
| Coatzacoalcos.....         | Dec. 17     | 3,000                 | 2                             | 1             |         |          |               |           |               |                |                |             |          |
| Colombo.....               | Nov. 19     | 155,869               | 74                            |               |         |          |               |           | 1             |                |                |             |          |
| Do.....                    | Nov. 26     | 155,869               | 96                            |               |         |          |               |           | 4             |                |                |             |          |
| Colon.....                 | Dec. 18     | 8,000                 | 4                             |               |         |          |               |           |               |                |                |             |          |
| Constantinople.....        | Dec. 4      | 800,000               | 264                           |               |         |          |               | 15        | 1             | 3              | 3              |             |          |
| Corunna.....               | Dec. 10     | 50,000                | 25                            | 2             |         |          |               |           | 1             |                |                |             |          |
| Crefeld.....               | Dec. 3      | 110,389               | 48                            |               |         |          |               |           |               |                | 1              |             |          |
| Dublin.....                | Dec. 10     | 378,994               | 192                           | 39            |         |          |               |           | 2             | 1              | 1              | 10          |          |
| Dundee.....                | do          | 163,535               | 55                            |               |         |          |               |           |               |                |                |             | 2        |
| Edinburgh.....             | do          | 331,977               | 92                            |               |         |          |               |           |               |                |                |             | 2        |
| Fiume.....                 | Nov. 29     | 40,000                |                               |               |         |          |               |           |               | 1              |                | 2           |          |
| Flushing.....              | Dec. 10     | 19,105                | 3                             |               |         |          |               |           |               |                |                |             |          |
| Frankfort-on-the-Main..... | Dec. 3      | 317,500               | 81                            |               |         |          |               |           |               |                | 1              |             |          |
| Funchal.....               | Dec. 11     | 44,049                | 25                            |               |         |          |               |           |               |                |                |             |          |
| Geneva.....                | Nov. 25     | 111,000               | 41                            |               |         |          |               |           |               |                |                |             |          |
| Ghent.....                 | Nov. 26     | 163,741               | 46                            | 6             |         |          |               |           |               | 1              | 1              |             |          |
| Do.....                    | Dec. 3      | 163,741               | 62                            | 6             |         |          |               |           |               |                |                |             | 1        |
| Do.....                    | Dec. 10     | 163,741               | 51                            | 6             |         |          |               |           |               |                | 1              | 1           |          |
| Girgenti.....              | Dec. 3      | 25,069                | 17                            |               |         |          |               |           |               |                |                |             |          |
| Do.....                    | Dec. 10     | 25,069                | 14                            |               |         |          |               |           |               |                |                |             |          |
| Glasgow.....               | Dec. 16     | 798,357               | 354                           |               |         |          |               |           |               |                | 2              | 2           | 32       |
| Gothenburg.....            | Dec. 3      | 135,314               | 36                            | 3             |         |          |               |           |               |                | 1              |             | 2        |
| Halifax.....               | Dec. 24     | 40,787                | 16                            |               |         |          |               |           |               |                |                |             |          |
| Hamburg.....               | Dec. 10     | 751,842               | 228                           |               |         |          |               |           |               | 5              | 3              | 2           | 3        |
| Hamilton, Ber.....         | Dec. 13     | 17,535                | 6                             |               |         |          |               |           | 1             |                |                |             |          |
| Do.....                    | Dec. 20     | 17,535                | 5                             |               |         |          |               |           |               |                |                |             |          |
| Havre.....                 | Dec. 3      | 130,196               | 46                            | 10            |         |          |               |           | 2             |                |                |             |          |
| Hull.....                  | Dec. 10     | 253,865               | 94                            |               |         |          |               |           | 2             | 1              |                | 6           |          |
| Karachi.....               | Nov. 27     | 108,644               | 89                            |               | 14      |          |               |           | 2             |                |                |             |          |
| Kingston, Canada.....      | Dec. 23     | 18,444                | 7                             |               |         |          |               |           |               |                |                |             |          |
| Las Palmas.....            | Nov. 26     | 49,500                | 17                            |               |         |          |               |           |               |                |                |             |          |
| Do.....                    | Dec. 3      | 49,500                | 19                            |               |         |          |               |           |               |                |                |             |          |



Weekly mortality table, foreign and insular cities—Continued.

| Cities.                     | Week ended— | Estimated population. | Total deaths from all causes. | Deaths from—  |         |          |               |           |               |                |                |             |          |                 |
|-----------------------------|-------------|-----------------------|-------------------------------|---------------|---------|----------|---------------|-----------|---------------|----------------|----------------|-------------|----------|-----------------|
|                             |             |                       |                               | Tuberculosis. | Plague. | Cholera. | Yellow fever. | Smallpox. | Typhus fever. | Enteric fever. | Scarlet fever. | Diphtheria. | Measles. | Whooping cough. |
| Lausanne.....               | Nov. 26     | 50,800                | 18                            | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    | .....           |
| Leeds.....                  | Dec. 10     | 450,142               | 129                           | 5             | .....   | .....    | .....         | .....     | 2             | .....          | .....          | 1           | .....    | 2               |
| Leipzig.....                | Dec. 3      | 496,370               | 157                           | 18            | .....   | .....    | .....         | .....     | .....         | .....          | .....          | 4           | 2        | .....           |
| Leith.....                  | Dec. 10     | 80,508                | 20                            | 2             | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | 2        | .....           |
| Licata.....                 | Dec. 3      | 25,000                | 10                            | 1             | .....   | .....    | .....         | .....     | 1             | .....          | .....          | .....       | .....    | .....           |
| Do.....                     | Dec. 10     | 25,000                | 13                            | .....         | .....   | .....    | .....         | .....     | 1             | .....          | .....          | .....       | .....    | .....           |
| Liverpool.....              | do          | 723,430               | 305                           | .....         | .....   | .....    | .....         | 3         | .....         | 5              | 3              | 21          | .....    | .....           |
| Livingston, Guatemala.      | Dec. 21     | 3,500                 | 0                             | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    | .....           |
| Lyon.....                   | Dec. 3      | 500,000               | 179                           | 34            | .....   | .....    | .....         | .....     | 1             | .....          | .....          | .....       | .....    | .....           |
| Madras.....                 | Nov. 25     | 509,346               | 317                           | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | 1           | .....    | .....           |
| Mainz.....                  | Dec. 10     | 90,000                | 26                            | 4             | .....   | .....    | .....         | .....     | .....         | 1              | .....          | .....       | .....    | .....           |
| Manchester.....             | do          | 558,355               | 245                           | 19            | .....   | .....    | .....         | .....     | .....         | 1              | 6              | 7           | 5        | .....           |
| Mannheim.....               | Dec. 3      | 154,705               | 39                            | .....         | .....   | .....    | .....         | .....     | .....         | 1              | .....          | 2           | .....    | .....           |
| Messina.....                | Nov. 25     | 107,000               | 15                            | 1             | .....   | .....    | .....         | .....     | .....         | 1              | .....          | .....       | .....    | .....           |
| Do.....                     | Dec. 3      | 107,000               | 45                            | 3             | .....   | .....    | .....         | .....     | .....         | 1              | .....          | .....       | .....    | .....           |
| Newcastle-on-Tyne.....      | Dec. 10     | 225,362               | .....                         | .....         | .....   | .....    | .....         | .....     | 4             | .....          | .....          | .....       | .....    | 2               |
| Nottingham.....             | do          | 246,000               | 97                            | .....         | .....   | .....    | .....         | .....     | 1             | .....          | .....          | .....       | 3        | 2               |
| Nuremberg.....              | Nov. 26     | 275,000               | 85                            | 20            | .....   | .....    | .....         | .....     | 1             | .....          | .....          | 4           | .....    | 1               |
| Odessa.....                 | Dec. 3      | 492,000               | 201                           | 31            | .....   | .....    | .....         | .....     | 2             | 15             | 3              | 5           | .....    | .....           |
| Palermo.....                | do          | 330,000               | 116                           | 6             | .....   | .....    | .....         | 8         | .....         | .....          | .....          | .....       | .....    | .....           |
| Do.....                     | Dec. 10     | 330,000               | 107                           | 5             | .....   | .....    | .....         | 5         | .....         | .....          | .....          | .....       | .....    | .....           |
| Panama.....                 | Dec. 19     | 20,000                | .....                         | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    | .....           |
| Paris.....                  | Dec. 10     | 2,660,559             | 907                           | 231           | .....   | .....    | .....         | .....     | 4             | 1              | 3              | 2           | .....    | 3               |
| Plymouth.....               | do          | 114,000               | 51                            | .....         | .....   | .....    | .....         | .....     | .....         | 2              | .....          | .....       | .....    | .....           |
| Puerto Cortez.....          | Dec. 22     | 4,500                 | .....                         | .....         | .....   | .....    | .....         | .....     | .....         | 1              | .....          | .....       | .....    | .....           |
| Rheims.....                 | Dec. 11     | 108,385               | 42                            | 13            | .....   | .....    | .....         | .....     | .....         | .....          | .....          | 1           | .....    | 1               |
| Rio de Janeiro.....         | Nov. 13     | 850,000               | 323                           | 54            | 15      | .....    | 47            | .....     | 1             | .....          | .....          | 1           | .....    | .....           |
| Do.....                     | Nov. 20     | 850,000               | 366                           | 48            | 9       | .....    | 46            | .....     | .....         | .....          | .....          | 1           | 3        | 3               |
| Do.....                     | Nov. 27     | 850,000               | 403                           | 65            | 12      | .....    | 67            | .....     | 2             | .....          | .....          | 1           | 1        | 1               |
| Rotterdam.....              | Dec. 10     | 369,671               | 124                           | .....         | .....   | .....    | .....         | .....     | 2             | .....          | .....          | .....       | .....    | .....           |
| St. John, N. B.....         | Dec. 24     | 42,000                | 17                            | 3             | .....   | .....    | .....         | .....     | .....         | .....          | .....          | 1           | .....    | .....           |
| St. Stephen, N. B.....      | Dec. 17     | 2,840                 | 3                             | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    | .....           |
| Do.....                     | Dec. 24     | 2,840                 | 2                             | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    | .....           |
| Salford.....                | Dec. 10     | 228,983               | 109                           | .....         | .....   | .....    | .....         | .....     | 3             | 1              | .....          | 8           | .....    | .....           |
| San Feliu de Guixols.....   | Dec. 11     | 11,333                | 3                             | 1             | .....   | .....    | .....         | .....     | 1             | .....          | .....          | .....       | .....    | .....           |
| Santa Cruz de Tenerife..... | Dec. 4      | 40,000                | 13                            | 1             | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    | .....           |
| Santander.....              | Dec. 11     | 53,574                | 24                            | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    | .....           |
| Sheffield.....              | Dec. 3      | 430,000               | 144                           | 22            | .....   | .....    | .....         | .....     | .....         | 4              | 1              | .....       | .....    | 3               |
| Do.....                     | Dec. 10     | 430,000               | 130                           | 16            | .....   | .....    | .....         | .....     | .....         | 2              | .....          | .....       | .....    | 7               |
| Singapore.....              | Nov. 12     | 97,111                | 191                           | 28            | 1       | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    | .....           |
| Southampton.....            | Dec. 10     | 112,500               | 32                            | 1             | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    | .....           |
| South Shields.....          | do          | 107,334               | 39                            | 5             | .....   | .....    | .....         | .....     | .....         | .....          | .....          | 1           | 5        | 1               |
| Stockholm.....              | Nov. 26     | 309,496               | 88                            | 14            | .....   | .....    | .....         | .....     | .....         | 2              | 2              | 1           | .....    | .....           |
| Tangier.....                | Dec. 10     | 40,000                | .....                         | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    | .....           |
| Tarragona.....              | do          | 19,300                | 7                             | 2             | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    | .....           |
| Trapani.....                | Dec. 3      | 61,477                | 5                             | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    | .....           |
| Do.....                     | Dec. 10     | 61,477                | 12                            | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    | .....           |
| Tuxpam.....                 | Dec. 13     | 14,000                | 12                            | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    | .....           |
| Veracruz.....               | Dec. 17     | 32,000                | 33                            | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    | .....           |
| Vienna.....                 | Dec. 3      | 1,816,303             | 620                           | 105           | .....   | .....    | .....         | .....     | 2             | 2              | 17             | 3           | .....    | .....           |
| West Hartlepool.....        | Dec. 10     | 63,000                | .....                         | .....         | .....   | .....    | .....         | .....     | .....         | .....          | .....          | .....       | .....    | .....           |
| Winnipeg.....               | Dec. 17     | 70,000                | .....                         | .....         | .....   | .....    | .....         | .....     | 6             | 2              | 1              | .....       | .....    | .....           |

By authority of the Secretary of the Treasury:

WALTER WYMAN,

Surgeon-General,

United States Public Health and Marine-Hospital Service.