

# Public Health Reports.

(Formerly "Abstract of Sanitary Reports.")

Treasury Department, United States Marine-Hospital Service. Published in accordance with act of Congress approved February 15, 1893.

VOL. XI. WASHINGTON, D. C., DECEMBER 18, 1896. No. 51.

## UNITED STATES.

[Reports to the Supervising Surgeon-General United States Marine-Hospital Service.]

### *One case of smallpox in Key West, Fla.*

[Telegram.]

KEY WEST, FLA., December 14, 1896.

Report appearance of 1 case of variola in this city, in the person of a white female, five days from Habana; third day of disease; case isolated and will be removed to pesthouse as soon as practicable.

G. M. GUITÉRAS,

*Passed Assistant Surgeon, U. S. M. H. S.*

*Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, May 9, 1896, to December 15, 1896.\**

| Places.               | Date.                 | Cases. | Deaths. | Remarks.           |
|-----------------------|-----------------------|--------|---------|--------------------|
| Alabama:              |                       |        |         |                    |
| Mobile County.....    | June 5.....           | 1      |         |                    |
|                       | July 5.....           | 1      |         |                    |
| Arkansas:             |                       |        |         |                    |
| Conway County.....    | Sept. 18.....         | 1      |         |                    |
| Faulkner County.....  | .....do.....          | 9      |         |                    |
| Helena.....           | Oct. 14-Nov. 6....    | 20     | 1       |                    |
| Van Buren County..... | Sept. 18.....         |        |         | Smallpox reported. |
| Florida:              |                       |        |         |                    |
| Key West.....         | June 25-Aug. 3....    | 42     | 8       |                    |
|                       | Dec. 14.....          | 1      |         |                    |
| Pensacola.....        | May 20-July 4....     | 5      | 2       |                    |
|                       | July 11-July 18....   | 1      |         |                    |
|                       | Nov. 20-Nov. 27....   | 5      |         |                    |
| Indiana:              |                       |        |         |                    |
| Indianapolis.....     | May 29.....           | 1      |         |                    |
| Evansville.....       | Nov. 15.....          | 1      |         |                    |
| Louisiana:            |                       |        |         |                    |
| New Orleans.....      | May 9-July 18....     | 83     | 24      |                    |
|                       | July 25-Aug. 22....   | 7      | 2       |                    |
|                       | Sept. 19-Sept. 26.... | 1      |         |                    |

\* For table of smallpox in the United States, etc., December 26, 1895, to May 9, 1896, see PUBLIC HEALTH REPORTS No. 23.

*Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, May 9, 1896, to December 15, 1896—Continued.*

| Places.                                | Date.                | Cases. | Deaths. | Remarks.                                  |
|--|----------------------|--------|---------|---|
| Shreveport.....                        | May 16-May 30.....   | 2      |         |   |
|  | June 6-June 13.....  | 6      |         |   |
| Mississippi:                           |                      |        |         |   |
| Clarksdale.....                        | Nov. 11.....         | 1      |         |   |
| New York:                              |                      |        |         |   |
| New York.....                          | May 1-May 31.....    | 1      | 1       |   |
| North Hempstead.....                   | .....do.....         | 1      |         |   |
| Ohio:                                  |                      |        |         |   |
| Dayton.....                            | May 28-June 4.....   | 1      | 1       |   |
|  | June 18-June 25..... | 1      | 1       |   |
|  | July 2-July 9.....   | 1      | 1       |   |
| Ironton.....                           | Nov. 25.....         | 1      |         |   |
| Tennessee:                             |                      |        |         |   |
| Memphis.....                           | May 1-May 30.....    | 10     |         |   |
|  | Nov. 7.....          | 1      |         |   |
| Shelby County (not including Memphis). | May 1-May 31.....    | 8      | 2       |   |
|  | June 1-June 30.....  | 3      |         |   |
|  | July 1-July 31.....  | 5      | 2       |   |
| Tipton County.....                     | June 1-June 30.....  | 14     | 2       |   |
|  | July 1-July 31.....  | 8      |         |   |
|  | Aug. 1-Aug. 31.....  | 1      |         |   |
| Washington:                            |                      |        |         |   |
| Seattle.....                           | May 23.....          | 1      |         | Case occurred April 27; now convalescent. |
|  | Aug. 1-Aug. 31.....  | 4      | 1       |   |

*Report of immigration at New York for the week ended December 12, 1896.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
Port of New York, December 14, 1896.

*Number of alien immigrants who arrived at this port during the week ended December 12, 1896; also names of vessels and ports from which they arrived.*

| Date.   | Vessel.                            | Where from.                       | No. of immigrants. |
|---------|------------------------------------|-----------------------------------|--------------------|
| 1896.   |                                    |                                   |                    |
| Dec. 6  | Steamship Maasdam.....             | Rotterdam.....                    | 146                |
| Do....  | Steamship Umbria.....              | Liverpool and Queenstown.....     | 98                 |
| Do....  | Steamship New York.....            | Southampton.....                  | 68                 |
| Do....  | Steamship Thingvalla.....          | Copenhagen, etc.....              | 100                |
| Do....  | Steamship California.....          | Naples and Gibraltar.....         | 371                |
| Dec. 7  | Steamship La Champagne.....        | Havre.....                        | 187                |
| Do....  | Steamship Edam.....                | Amsterdam.....                    | 44                 |
| Dec. 10 | Steamship State of California..... | Glasgow.....                      | 21                 |
| Do....  | Steamship Majestic.....            | Liverpool and Queenstown.....     | 95                 |
| Do....  | Steamship Noordland.....           | Antwerp.....                      | 96                 |
| Do....  | Steamship Fulda.....               | Genoa, Naples, and Gibraltar..... | 272                |
| Dec. 11 | Steamship Spree.....               | Bremen.....                       | 123                |
| Do....  | Steamship California.....          | Hamburg.....                      | 218                |
|         | <b>Total.....</b>                  |                                   | <b>1, 839</b>      |

Dr. J. H. SENNER,  
Commissioner of Immigration.

*Report of immigration at Philadelphia for the week ended December 12, 1896.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Philadelphia, December 12, 1896.**Number of alien immigrants who arrived at this port during the week ended December 12, 1896; also names of vessels and ports from which they arrived.*

| Date.   | Vessel.                   | Where from.                   | No. of immigrants. |
|---------|---------------------------|-------------------------------|--------------------|
| 1896.   |                           |                               |                    |
| Dec. 6  | Steamship Belgenland..... | Liverpool and Queenstown..... | 33                 |
| Dec. 12 | Steamship Nederland ..... | Antwerp.....                  | 65                 |
|         | Total.....                |                               | 98                 |

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

**QUARANTINE REPORTS.**  
*National quarantine stations.*

[Vessels named only when detained or given treatment at quarantine.]

| Name of station.                       | Week ended. | Name of vessel.               | Date of arrival. | Port of departure. | Destination. | Treatment of vessel, passengers, and cargo. | Date of departure. | Remarks.                                  | Vessels inspected and passed. |
|--|-------------|-------------------------------|------------------|--------------------|--------------|---|--------------------|---|-------------------------------|
| Brunswick, Ga.....                     | Dec. 5      |                               |                  |                    |              |   |                    |   | 2                             |
| Del. Breakwater, Del.....              | Dec. 12     |                               |                  |                    |              |   |                    |   | 4                             |
| Grays Harbor, Wash.....                | Dec. 2      |                               |                  |                    |              |   |                    | No transactions.                          |                               |
|  | Dec. 9      |                               |                  |                    |              |   |                    | do.                                       |                               |
| Gulf, Ship Island, Miss.....           | Dec. 5      |                               |                  |                    |              |   |                    | do.                                       |                               |
| Newbern, N. C.....                     | do.         |                               |                  |                    |              |   |                    | do.                                       |                               |
| Port Townsend, Wash.....               | do.         |                               |                  |                    |              |   |                    | do.                                       |                               |
| Reedy Island, Del.....                 | Dec. 12     |                               |                  |                    |              |   |                    | 2 pieces of Japanese baggage disinfected. | 8                             |
| San Diego, Cal.....                    | Dec. 5      |                               |                  |                    |              |   |                    |   | 14                            |
| San Francisco, Cal.....                | do.         |                               |                  |                    |              |   |                    |   | 1                             |
| South Atlantic, Sapelo Island, Ga..... | do.         |                               |                  |                    |              |   |                    |   | 13                            |
|  | do.         |                               |                  |                    |              |   |                    |   | 1                             |
|  |             | Swed. bk. Guri*.....          | Nov. 11          | Rio                | Savannah     | Disinfected and held.                       | Dec. 3             |   |                               |
|  |             | Dan. bk. Adolph Har-<br>bor.* | Nov. 26          | do.                | do.          | do.   |                    |   |                               |
| Southport, N. C.....                   | do.         |                               |                  |                    |              |   |                    |   | 2                             |
| Washington, N. C.....                  | Dec. 12     |                               |                  |                    |              |   |                    | No transactions.                          | 1                             |

\* Previously reported.



*Reports of States and yearly and monthly reports of cities.*

CALIFORNIA—*Sacramento*.—Estimated population, 30,000. Total deaths, 37, including 6 from phthisis pulmonalis.

CONNECTICUT—*Hartford*.—Month of November, 1896. Estimated population, 72,000. Total deaths, 66, including phthisis pulmonalis, 6; enteric fever, 4; diphtheria, 3, and measles, 2.

*Westport*.—Month of November, 1896. Estimated population, 4,000. Total deaths, 5, including 1 from phthisis pulmonalis.

FLORIDA—*Tampa*.—Month of November, 1896. Estimated population, 26,000. Total deaths, 38, including phthisis pulmonalis, 5, and enteric fever, 1.

KENTUCKY—*Louisville*.—Month of November, 1896. Estimated population, 211,100. Total deaths, 223, including phthisis pulmonalis, 26; enteric fever, 3, and diphtheria, 8.

MAINE—*Portland*.—Four weeks ended October 31, 1896. Estimated population, 41,500. Total deaths, 50, including phthisis pulmonalis, 4; enteric fever, 3, and diphtheria, 1.

Four weeks ended November 28, 1896. Total deaths, 42, including phthisis pulmonalis, 3, and diphtheria, 3.

MASSACHUSETTS—*Fitchburg*.—Month of November, 1896. Estimated population, 26,409. Total deaths, 33, including phthisis pulmonalis, 2; diphtheria, 3; scarlet fever, 1, and membranous croup, 3.

*North Attleboro*.—Month of October, 1896. Estimated population, 6,720. Total deaths, 9, including 2 from enteric fever.

Month of November, 1896. Total deaths, 6, including 1 from phthisis pulmonalis.

*West Newton*.—Month of November, 1896. Estimated population, 27,590. Total deaths, 37, including phthisis pulmonalis, 2; enteric fever, 2, and diphtheria, 3.

MICHIGAN.—Week ended December 5, 1896. Reports to the State board of health, Lansing, from 58 observers, indicate that scarlet fever, diarrhea, and diphtheria increased in area of prevalence. Phthisis pulmonalis was reported present during the week at 202 places; diphtheria at 50, enteric fever at 36, scarlet fever at 35, measles at 18, and whooping cough at 12 places.

MINNESOTA—*Winona*.—Estimated population, 22,000. Total deaths 21, including phthisis pulmonalis, 1, and whooping cough, 2.

MISSOURI—*St. Louis*.—Month of November, 1896. Estimated population, 570,000. Total deaths, 632, including phthisis pulmonalis, 74; enteric fever, 7; scarlet fever, 1; diphtheria, 29; croup, 3, and whooping cough, 7.

NEW HAMPSHIRE—*Concord*.—Month of November, 1896. Estimated population, 19,000. Total deaths, 26, including phthisis pulmonalis, 3, and enteric fever, 1.

NEW JERSEY—*Paterson*.—Month of November, 1896. Estimated

population, 104,636. Total deaths, 121, including phthisis pulmonalis, 10; enteric fever, 5; diphtheria, 15, and measles, 2.

OHIO—*Dayton*.—Estimated population, 85,000. Total deaths, 83, including phthisis pulmonalis, 6; enteric fever, 2; diphtheria, 11, and membranous croup, 8.

RHODE ISLAND—*Newport*.—Month of November, 1896. Estimated population, 21,500. Total deaths, 21, including phthisis pulmonalis, 3, and enteric fever, 1.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

| Cities.                   | Week ended.  | Population, U. S. Census of 1890. | Total deaths from all causes. | Deaths from—         |               |           |            |          |               |                |                |             |          |                 |   |   |
|---------------------------|--------------|-----------------------------------|-------------------------------|----------------------|---------------|-----------|------------|----------|---------------|----------------|----------------|-------------|----------|-----------------|---|---|
|                           |              |                                   |                               | Phthisis pulmonalis. | Yellow fever. | Smallpox. | Varioloid. | Cholera. | Typhus fever. | Enteric fever. | Scarlet fever. | Diphtheria. | Measles. | Whooping cough. |   |   |
| Ashtabula, Ohio.....      | Dec. 12..... | 8,338                             | 0                             |                      |               |           |            |          |               |                |                |             |          |                 |   |   |
| Battle Creek, Mich.....   | do.....      | 13,197                            | 8                             |                      |               |           |            |          |               |                |                |             |          |                 |   |   |
| Binghamton, N. Y.....     | do.....      | 35,005                            | 8                             | 1                    |               |           |            |          |               |                |                |             |          |                 |   |   |
| Boston, Mass.....         | do.....      | 448,477                           | 204                           | 19                   |               |           |            |          |               |                |                |             |          |                 |   |   |
| Braddock, Mass.....       | Dec. 5.....  | 8,561                             | 5                             |                      |               |           |            |          |               |                |                |             |          |                 |   |   |
| Brooklyn, N. Y.....       | Dec. 12..... | 806,343                           | 337                           | 51                   |               |           |            |          |               |                | 4              | 6           | 13       |                 |   | 2 |
| Brownsville, Tex.....     | Nov. 28..... | 6,134                             | 4                             |                      |               |           |            |          |               |                | 1              |             | 3        |                 |   |   |
| Do.....                   | Dec. 5.....  | 6,134                             | 8                             | 1                    |               |           |            |          |               |                |                |             |          |                 |   |   |
| Butler, Pa.....           | Dec. 12..... | 8,734                             | 2                             | 1                    |               |           |            |          |               |                |                |             |          |                 |   |   |
| Cambridge, Mass.....      | do.....      | 70,028                            | 31                            | 2                    |               |           |            |          |               |                | 2              |             | 2        |                 | 1 |   |
| Carlisle, Pa.....         | Dec. 14..... | 7,620                             | 5                             |                      |               |           |            |          |               |                |                |             |          |                 |   |   |
| Charleston, S. C.....     | Dec. 5.....  | *54,955                           | †32                           | 2                    |               |           |            |          |               |                |                |             |          |                 |   | 1 |
| Chester, Pa.....          | Nov. 7.....  | 20,226                            | 4                             |                      |               |           |            |          |               |                |                |             |          |                 |   |   |
| Do.....                   | Nov. 14..... | 20,226                            | 6                             |                      |               |           |            |          |               |                |                |             |          |                 |   |   |
| Do.....                   | Nov. 21..... | 20,226                            | 5                             |                      |               |           |            |          |               |                | 1              |             |          |                 |   |   |
| Do.....                   | Nov. 28..... | 20,226                            | 13                            | 1                    |               |           |            |          |               |                |                |             |          |                 |   |   |
| Cincinnati, Ohio.....     | Dec. 1.....  | 296,908                           | 120                           | 12                   |               |           |            |          |               |                | 4              |             | 3        |                 |   |   |
| Cleveland, Ohio.....      | Dec. 5.....  | 261,353                           | 84                            | 6                    |               |           |            |          |               |                | 5              |             | 8        |                 |   | 1 |
| Do.....                   | Dec. 12..... | 261,353                           | 83                            | 6                    |               |           |            |          |               |                | 4              |             | 7        |                 |   |   |
| Columbus, Ind.....        | do.....      | 6,719                             | 1                             |                      |               |           |            |          |               |                |                |             |          |                 |   |   |
| Columbus, Ohio.....       | do.....      | 88,150                            | 7                             |                      |               |           |            |          |               |                | 1              |             |          |                 |   |   |
| Concord, N. H.....        | Dec. 5.....  | 17,044                            | 4                             |                      |               |           |            |          |               |                |                |             |          |                 |   |   |
| Do.....                   | Dec. 12..... | 17,044                            | 2                             |                      |               |           |            |          |               |                |                |             |          |                 |   |   |
| Dayton, Ohio.....         | Dec. 10..... | 61,220                            | 21                            | 2                    |               |           |            |          |               |                | 1              |             | 4        |                 |   |   |
| Dedham, Mass.....         | Dec. 5.....  | 7,123                             | 3                             |                      |               |           |            |          |               |                |                |             |          |                 |   |   |
| Dunkirk, N. Y.....        | do.....      | 9,416                             | 3                             |                      |               |           |            |          |               |                |                |             |          |                 |   |   |
| Emporia, Kans.....        | do.....      | 7,551                             | 1                             |                      |               |           |            |          |               |                |                |             |          |                 | 1 |   |
| Everett, Mass.....        | Dec. 11..... | 11,068                            | 2                             |                      |               |           |            |          |               |                |                |             | 1        |                 |   |   |
| Fall River, Mass.....     | Dec. 12..... | 74,398                            | 34                            | 5                    |               |           |            |          |               |                |                |             | 1        |                 | 2 | 1 |
| Flint, Mich.....          | Dec. 5.....  | 9,803                             | 5                             | 1                    |               |           |            |          |               |                |                |             |          |                 |   |   |
| Do.....                   | Dec. 12..... | 9,803                             | 2                             |                      |               |           |            |          |               |                |                |             |          |                 |   |   |
| Gloucester, Mass.....     | Nov. 28..... | 24,651                            | 10                            | 1                    |               |           |            |          |               |                |                | 1           | 1        |                 |   |   |
| Do.....                   | Dec. 5.....  | 24,651                            | 4                             |                      |               |           |            |          |               |                | 1              |             |          |                 |   |   |
| Grand Rapids, Mich.....   | do.....      | 60,278                            | 21                            | 2                    |               |           |            |          |               |                |                |             | 1        |                 |   |   |
| Haverhill, Mass.....      | Dec. 12..... | 27,412                            | 7                             |                      |               |           |            |          |               |                |                | 1           |          |                 |   |   |
| Jacksonville, Fla.....    | Dec. 5.....  | 17,201                            | 14                            |                      |               |           |            |          |               |                | 1              |             |          |                 |   |   |
| Do.....                   | Dec. 12..... | 17,201                            | 16                            | 3                    |               |           |            |          |               |                |                |             |          |                 |   |   |
| Jersey City, N. J.....    | Dec. 6.....  | 163,003                           | 60                            | 11                   |               |           |            |          |               |                | 1              |             | 5        |                 |   |   |
| Johnstown, Pa.....        | Dec. 12..... | 21,805                            | 4                             |                      |               |           |            |          |               |                | 1              |             |          |                 |   |   |
| Kalamazoo, Mich.....      | Dec. 5.....  | 17,853                            | 8                             |                      |               |           |            |          |               |                |                |             |          |                 |   |   |
| Do.....                   | Dec. 12..... | 17,853                            | 4                             |                      |               |           |            |          |               |                |                |             |          |                 |   |   |
| McKeesport, Pa.....       | Dec. 5.....  | 20,741                            | 7                             |                      |               |           |            |          |               |                |                |             |          |                 |   |   |
| Manchester, N. H.....     | do.....      | 44,126                            | 26                            | 2                    |               |           |            |          |               |                |                |             | 3        |                 |   |   |
| Medford, Mass.....        | Dec. 12..... | 11,079                            | 2                             |                      |               |           |            |          |               |                |                |             |          |                 |   |   |
| Melrose, Mass.....        | Dec. 5.....  | 8,519                             | 1                             |                      |               |           |            |          |               |                |                |             |          |                 |   |   |
| Memphis, Tenn.....        | Dec. 12..... | 64,495                            | 26                            | 5                    |               |           |            |          |               |                |                |             | 1        |                 |   | 1 |
| Middletown, Ohio.....     | Dec. 5.....  | 7,681                             | 2                             |                      |               |           |            |          |               |                |                |             |          |                 |   |   |
| Do.....                   | Dec. 12..... | 7,681                             | 3                             |                      |               |           |            |          |               |                |                |             |          |                 |   |   |
| Milwaukee, Wis.....       | do.....      | 204,468                           | 80                            | 5                    |               |           |            |          |               |                | 1              |             | 9        |                 | 5 |   |
| Nashville, Tenn.....      | do.....      | 76,168                            | 28                            | 2                    |               |           |            |          |               |                |                |             |          |                 |   |   |
| New Bedford, Mass.....    | do.....      | 40,733                            | 16                            | 6                    |               |           |            |          |               |                |                |             |          |                 |   |   |
| Newburyport, Mass.....    | Dec. 5.....  | 13,947                            | 8                             | 2                    |               |           |            |          |               |                |                |             |          |                 |   |   |
| New Orleans, La.....      | do.....      | 242,039                           | 157                           | 25                   |               |           |            |          |               |                | 1              |             |          |                 |   |   |
| Newport, R. I.....        | Dec. 12..... | 19,457                            | 6                             |                      |               |           |            |          |               |                |                |             | 1        |                 |   |   |
| New York, N. Y.....       | do.....      | 1,515,301                         | 647                           | 81                   |               |           |            |          |               |                | 13             | 9           | 36       | 4               | 4 |   |
| Norristown, Pa.....       | do.....      | 19,791                            | 2                             |                      |               |           |            |          |               |                |                |             |          |                 |   |   |
| Omaha, Nebr.....          | Dec. 5.....  | 140,452                           | 25                            | 5                    |               |           |            |          |               |                | 1              | 1           | 3        |                 |   |   |
| Oneonta, N. Y.....        | Dec. 12..... | 6,272                             | 4                             | 1                    |               |           |            |          |               |                |                |             |          |                 |   |   |
| Pensacola, Fla.....       | Dec. 5.....  | 11,750                            | 5                             |                      |               |           |            |          |               |                |                |             |          |                 |   |   |
| Do.....                   | Dec. 12..... | 11,750                            | 4                             |                      |               |           |            |          |               |                |                |             |          |                 |   |   |
| Philadelphia, Pa.....     | Dec. 5.....  | 1,046,964                         | 341                           | 41                   |               |           |            |          |               |                |                |             | 26       | 1               | 1 |   |
| Pittsfield, Mass.....     | Dec. 12..... | 17,281                            | 5                             | 1                    |               |           |            |          |               |                | 7              |             |          |                 |   |   |
| Providence, R. I.....     | do.....      | 132,146                           | 51                            | 8                    |               |           |            |          |               |                |                | 1           | 4        | 1               |   | 1 |
| Pueblo, Colo.....         | Dec. 5.....  | 24,558                            | 4                             | 1                    |               |           |            |          |               |                |                |             | 1        |                 |   |   |
| Richmond, Va.....         | do.....      | 81,888                            | 26                            | 4                    |               |           |            |          |               |                |                |             |          |                 |   |   |
| Do.....                   | Dec. 12..... | 81,888                            | 31                            | 1                    |               |           |            |          |               |                |                |             |          |                 |   | 1 |
| St. Louis, Mo.....        | Dec. 5.....  | 451,770                           | 139                           | 16                   |               |           |            |          |               |                |                |             | 4        |                 |   |   |
| Salt Lake City, Utah..... | do.....      | 44,843                            | 7                             |                      |               |           |            |          |               |                | 3              |             |          |                 |   |   |
| San Diego, Cal.....       | do.....      | 16,159                            | 6                             |                      |               |           |            |          |               |                | 2              |             |          |                 |   |   |
| San Francisco, Cal.....   | do.....      | 298,997                           | 143                           | 15                   |               |           |            |          |               |                |                | 1           |          | 5               |   | 1 |
| Scranton, Pa.....         | Dec. 12..... | 75,215                            | 28                            | 2                    |               |           |            |          |               |                |                |             |          | 2               |   |   |
| Seattle, Wash.....        | Dec. 5.....  | 42,837                            | 7                             |                      |               |           |            |          |               |                |                | 1           |          |                 |   |   |

\* Estimated population, white, 28,870; colored, 36,295. Total, 65,165. † White, 8; colored, 24.





Table of temperature and rainfall, week ended December 7, 1896.

[Received from Department of Agriculture, Weather Bureau.]

| Locality.                         | Temperature in degrees Fahrenheit. |          |             | Rainfall in inches and hundredths. |         |             |
|-----------------------------------|------------------------------------|----------|-------------|------------------------------------|---------|-------------|
|                                   | Normal.                            | *Excess. | *Defic'ncy. | Normal.                            | Excess. | Deficiency. |
| <b>Atlantic Coast:</b>            |                                    |          |             |                                    |         |             |
| Eastport, Me.....                 | 31                                 |          | 7           | .91                                |         | .81         |
| Portland, Me.....                 | 28                                 |          | 1           | .84                                |         | .72         |
| Northfield, Vt.....               | 26                                 |          | 7           | .70                                |         | .56         |
| Boston, Mass.....                 | 37                                 |          | 5           | .90                                |         | .88         |
| Vineyard Haven, Mass.....         | 41                                 |          | 5           | .81                                |         | .55         |
| Nantucket, Mass.....              | 38                                 |          | 3           | .91                                |         | .60         |
| Woods Hole, Mass.....             | 37                                 |          | 4           | .91                                |         | .67         |
| Block Island, R. I.....           | 40                                 |          | 5           | .88                                |         | .80         |
| New Haven, Conn.....              | 36                                 |          | 6           | .81                                |         | .81         |
| Albany, N. Y.....                 | 34                                 |          | 4           | .63                                |         | .63         |
| New York, N. Y.....               | 39                                 |          | 6           | .77                                |         | .77         |
| Harrisburg, Pa.....               | 38                                 |          | 7           | .64                                |         | .64         |
| Philadelphia, Pa.....             | 37                                 |          | 3           | .63                                |         | .63         |
| New Brunswick, N. J.....          | 35                                 |          | 6           | .82                                |         | .82         |
| Atlantic City, N. J.....          | 40                                 |          | 5           | .84                                |         | .84         |
| Baltimore, Md.....                | 41                                 |          | 7           | .72                                |         | .72         |
| Washington, D. C.....             | 41                                 |          | 6           | .63                                |         | .63         |
| Lynchburg, Va.....                | 47                                 |          | 7           | .84                                | .51     |             |
| Cape Henry, Va.....               | 47                                 |          | 8           | .79                                | .31     |             |
| Norfolk, Va.....                  | 47                                 |          | 7           | .81                                | .28     |             |
| Charlotte, N. C.....              | 47                                 |          | 13          | .51                                | .12     |             |
| Raleigh, N. C.....                | 45                                 |          | 11          | .91                                |         |             |
| Kittyhawk, N. C.....              | 50                                 |          |             |                                    |         |             |
| Hatteras, N. C.....               | 51                                 |          | 6           | 1.19                               | 1.75    |             |
| Wilmington, N. C.....             | 52                                 |          | 11          | .60                                | 1.72    |             |
| Columbia, S. C.....               | 51                                 |          | 14          | .63                                | 1.71    |             |
| Charleston, S. C.....             | 54                                 |          | 11          | .70                                | 3.80    |             |
| Augusta, Ga.....                  | 51                                 |          | 13          | .77                                | 1.54    | 4.40        |
| Savannah, Ga.....                 | 55                                 |          | 12          | .64                                | .55     |             |
| Jacksonville, Fla.....            | 59                                 |          | 10          | .63                                | .62     |             |
| Jupiter, Fla.....                 | 69                                 |          | 3           | .64                                | .62     |             |
| Key West, Fla.....                | 72                                 |          | 1           | .40                                | .34     |             |
| <b>Gulf States:</b>               |                                    |          |             |                                    |         |             |
| Atlanta, Ga.....                  | 47                                 |          | 7           | .94                                |         | .06         |
| Tampa, Fla.....                   | 64                                 |          | 5           | .56                                |         | .81         |
| Pensacola, Fla.....               | 57                                 |          | 7           | .84                                |         | .38         |
| Mobile, Ala.....                  | 54                                 |          | 8           | .98                                | .20     |             |
| Montgomery, Ala.....              | 52                                 |          | 7           | .98                                | .28     |             |
| Vicksburg, Miss.....              | 4                                  |          | 4           | 1.12                               |         | .97         |
| New Orleans, La.....              | 58                                 |          | 6           | 1.08                               | .82     |             |
| Shreveport, La.....               | 52                                 |          | 5           | 1.08                               |         | 1.02        |
| Fort Smith, Ark.....              | 46                                 |          | 2           | .75                                |         | .75         |
| Little Rock, Ark.....             | 47                                 |          | 4           | .98                                |         | .98         |
| Palestine, Tex.....               | 54                                 |          | 3           | .89                                |         | .59         |
| Galveston, Tex.....               | 60                                 |          | 7           | .91                                |         | .74         |
| San Antonio, Tex.....             | 56                                 |          | 4           | .47                                |         | .47         |
| Corpus Christi, Tex.....          | 61                                 |          | 7           | .38                                |         | .37         |
| <b>Ohio Valley and Tennessee:</b> |                                    |          |             |                                    |         |             |
| Memphis, Tenn.....                | 47                                 |          | 3           | .95                                |         | .94         |
| Nashville, Tenn.....              | 45                                 |          | 4           | .84                                |         | .84         |
| Chattanooga, Tenn.....            | 45                                 |          | 5           | .98                                |         | .95         |
| Knoxville, Tenn.....              | 43                                 |          | 5           | .91                                |         | .91         |
| Louisville, Ky.....               | 42                                 |          | 3           | .91                                |         | .91         |
| Indianapolis, Ind.....            | 37                                 |          | 2           | .75                                |         | .75         |
| Cincinnati, Ohio.....             | 40                                 |          | 4           | .70                                |         | .70         |
| Columbus, Ohio.....               | 37                                 |          | 4           | .70                                |         | .65         |
| Parkersburg, W. Va.....           | 39                                 |          | 4           | .77                                |         | .76         |
| Pittsburg, Pa.....                | 36                                 |          | 2           | .63                                |         | .60         |
| <b>Lake Region:</b>               |                                    |          |             |                                    |         |             |
| Oswego, N. Y.....                 | 33                                 |          | 5           | .77                                | .18     |             |
| Rochester, N. Y.....              | 33                                 |          | 4           | .63                                |         | .52         |
| Buffalo, N. Y.....                | 34                                 |          | 4           | .77                                |         | .75         |
| Erie, Pa.....                     | 37                                 |          | 7           | .77                                |         | .74         |
| Cleveland, Ohio.....              | 35                                 |          | 4           | .63                                |         | .28         |
| Sandusky, Ohio.....               | 36                                 |          | 6           | .56                                |         | .56         |
| Toledo, Ohio.....                 | 35                                 |          | 6           | .56                                |         | .56         |
| Detroit, Mich.....                | 35                                 |          | 6           | .63                                |         | .61         |
| Lansing, Mich.....                | 31                                 |          | 4           | .49                                |         | .22         |
| Port Huron, Mich.....             | 32                                 |          | 5           | .56                                |         | .30         |
| Alpena, Mich.....                 | 29                                 |          | 5           | .56                                | .00     |             |
| Sault Ste. Marie, Mich.....       | 25                                 |          | 6           | .49                                | .07     |             |
| Marquette, Mich.....              | 27                                 |          | 8           | .63                                |         | .35         |
| Green Bay, Wis.....               | 27                                 |          | 7           | .56                                |         | .18         |

\*The figures in these columns represent the average daily departure.

Table of temperature and rainfall, week ended December 7, 1896—Continued.

| Locality.                        | Temperature in degrees Fahrenheit. |          |              | Rainfall in inches and hundredths. |         |             |
|----------------------------------|------------------------------------|----------|--------------|------------------------------------|---------|-------------|
|                                  | Normal.                            | *Excess. | *Deficiency. | Normal.                            | Excess. | Deficiency. |
| <b>Lake Region—Continued.</b>    |                                    |          |              |                                    |         |             |
| Grand Haven, Mich.....           | 33                                 |          | 6            | .63                                |         | .06         |
| Milwaukee, Wis.....              | 30                                 |          | 4            | .47                                |         | .22         |
| Chicago, Ill.....                | 32                                 |          | 3            | .56                                |         | .49         |
| Duluth, Minn.....                | 23                                 |          | 12           | .35                                | .07     |             |
| <b>Upper Mississippi Valley:</b> |                                    |          |              |                                    |         |             |
| St. Paul, Minn.....              | 25                                 |          | 10           | .28                                | .07     |             |
| La Crosse, Wis.....              | 29                                 |          | 11           | .35                                | .01     |             |
| Dubuque, Iowa.....               | 30                                 |          | 4            | .42                                |         | .11         |
| Davenport, Iowa.....             | 33                                 |          | 3            | .42                                |         | .34         |
| Des Moines, Iowa.....            | 31                                 |          | 1            | .35                                |         | .08         |
| Koosauk, Iowa.....               | 35                                 |          | 1            | .49                                |         | .49         |
| Springfield, Ill.....            | 37                                 |          | 2            | .63                                |         | .63         |
| Cairo, Ill.....                  | 43                                 |          | 2            | .80                                |         | .79         |
| St. Louis, Mo.....               | 38                                 | 2        |              | .70                                |         | .70         |
| <b>Missouri Valley:</b>          |                                    |          |              |                                    |         |             |
| Columbia, Mo.....                | 40                                 |          | 1            | .53                                |         | .53         |
| Springfield, Mo.....             | 40                                 | 1        |              | .70                                |         | .70         |
| Kansas City, Mo.....             | 37                                 | 2        |              | .42                                |         | .42         |
| Wichita, Kans.....               | 38                                 | 2        |              | .20                                |         | .20         |
| Concordia, Kans.....             | 36                                 | 1        |              | .14                                |         | .14         |
| Lincoln, Nebr.....               | 34                                 |          | 2            | .21                                |         | .21         |
| Omaha, Nebr.....                 | 32                                 |          | 2            | .28                                |         | .15         |
| Sioux City, Iowa.....            | 31                                 |          | 9            | .28                                |         | .22         |
| Yankton, S. Dak.....             | 29                                 |          | 6            | .21                                |         | .12         |
| Valentine, Nebr.....             | 31                                 |          | 4            | .07                                | .05     |             |
| Huron, S. Dak.....               | 24                                 |          | 9            | .14                                |         | .08         |
| Pierre, S. Dak.....              | 26                                 |          | 4            | .07                                |         | .07         |
| Moorhead, Minn.....              | 17                                 |          | 14           | .21                                | .41     |             |
| Bismarck, N. Dak.....            | 20                                 |          | 11           | .17                                |         | .16         |
| Williston, N. Dak.....           | 19                                 |          | 9            | .14                                |         | .02         |
| <b>Rocky Mountain Region:</b>    |                                    |          |              |                                    |         |             |
| Havre, Mont.....                 | 24                                 |          | 6            | .10                                |         | .01         |
| Helena, Mont.....                | 27                                 | 7        |              | .19                                |         | .06         |
| Miles City, Mont.....            | 23                                 |          | 1            | .07                                |         | .01         |
| Rapid City, S. Dak.....          | 34                                 |          | 2            | .07                                |         | .07         |
| Spokane, Wash.....               | 33                                 | 0        |              | .50                                | .31     |             |
| Wallawalla, Wash.....            | 41                                 |          | 3            | .42                                | .57     |             |
| Baker City, Oreg.....            | 32                                 | 1        |              | .33                                | .16     |             |
| Winnemucca, Nev.....             | 34                                 | 5        |              | .23                                |         | .12         |
| Salt Lake City, Utah.....        | 37                                 |          | 3            | .35                                | .16     |             |
| Lander, Wyo.....                 | 24                                 | 2        |              | .14                                |         | .14         |
| Cheyenne, Wyo.....               | 32                                 | 3        |              | .04                                |         | .01         |
| North Platte, Nebr.....          | 31                                 | 2        |              | .09                                |         | .09         |
| Denver, Colo.....                | 36                                 | 4        |              | .14                                | .16     |             |
| Fueblo, Colo.....                | 37                                 | 3        |              | .07                                | .01     |             |
| Dodge City, Kans.....            | 36                                 | 4        |              | .14                                |         | .14         |
| Oklahoma City, Okla.....         | 45                                 | 4        |              | .44                                |         | .44         |
| Amarillo, Tex.....               | 35                                 | 6        |              | .16                                |         | .16         |
| Ablene, Tex.....                 | 50                                 |          | 3            | .35                                |         | .35         |
| Santa Fe, N. Mex.....            | 35                                 | 0        |              | .21                                |         | .21         |
| El Paso, Tex.....                | 48                                 |          | 2            | .14                                |         | .14         |
| Phoenix, Ariz.....               | 54                                 |          | 1            | .21                                |         | .21         |
| <b>Pacific Coast:</b>            |                                    |          |              |                                    |         |             |
| Port Angeles, Wash.....          | 40                                 | 3        |              | 1.12                               | 1.85    |             |
| Fort Canby, Wash.....            | 45                                 | 1        |              | 2.27                               | 5.82    |             |
| Astoria, Oreg.....               | 47                                 | 0        |              | 2.31                               | 7.50    |             |
| Portland, Oreg.....              | 44                                 |          | 5            | 1.63                               |         | .16         |
| Roseburg, Oreg.....              | 45                                 | 7        |              | 1.24                               |         | .44         |
| Eureka, Cal.....                 | 49                                 |          |              | 1.63                               |         |             |
| Red Bluff, Cal.....              | 49                                 |          | 1            | 1.06                               |         | .53         |
| Carson City, Nev.....            | 38                                 | 4        |              | .49                                |         | .49         |
| Sacramento, Cal.....             | 50                                 |          | 2            | .80                                |         | .80         |
| San Francisco, Cal.....          | 54                                 |          | 1            | 1.01                               |         | 1.01        |
| Fresno, Cal.....                 | 50                                 |          | 2            | .30                                |         | .30         |
| Los Angeles, Cal.....            | 57                                 | 4        |              | .72                                |         | .72         |
| San Diego, Cal.....              | 58                                 |          |              | .45                                |         |             |
| Yuma, Ariz.....                  | 59                                 | 0        |              | .07                                |         | .07         |

\*The figures in these columns represent the average daily departure.

FOREIGN.

[Reports received from United States consuls through the Department of State and from other sources.]

*Cholera and yellow fever as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 26, 1895, to December 22, 1896.*

CHOLERA.

| Places.                     | Date.                  | Cases. | Deaths. | Remarks.   |
|-----------------------------|------------------------|--------|---------|--|
| <b>Argentine Republic:</b>  |                        |        |         |  |
| Buenos Ayres.....           | Dec. 21-Dec. 28...     | 3      | .....   |  |
| <b>Austria-Hungary.....</b> | Nov. 19-Dec. 2...      | 43     | 25      | } From outbreak (August 23, 1895) to date 458 cases, 296 deaths. |
|                             | Dec. 10-Dec. 30...     | 21     | 11      |  |
|                             | Dec. 31-Jan. 27...     | 16     | 11      |  |
|                             |                        |        |         |  |
| <b>China:</b>               |                        |        |         |  |
| Hongkong.....               | Sept. 12-Sept. 19..... | .....  | 2       |  |
| <b>Egypt:*</b>              |                        |        |         |  |
| Alexandria.....             | Dec. 24-Dec. 31.....   | .....  | 115     |  |
|                             | Dec. 29-Apr. 26.....   | 130    | 145     |  |
|                             | May 1-May 13.....      | .....  | 162     |  |
|                             | May 14-May 20.....     | .....  | 202     |  |
|                             | May 19-May 28.....     | .....  | 66      |  |
|                             | May 29-June 7.....     | .....  | 15      |  |
|                             | June 9-June 14.....    | .....  | 80      |  |
|                             | June 15-July 20.....   | .....  | 21      |  |
|                             | Aug. 9-Aug. 15.....    | 22     | 64      |  |
|                             | Aug. 16-Aug. 29.....   | 64     | 55      |  |
|                             | Aug. 29-Sept. 5.....   | 18     | 15      |  |
|                             | Sept. 27-Oct. 10.....  | 3      | 1       |  |
| <b>Cairo.....</b>           | Dec. 7-Dec. 11.....    | 1      | 2       |  |
|                             | Jan. 10-Jan. 11.....   | 1      | 1       |  |
|                             | May 7-May 20.....      | .....  | 188     |  |
|                             | May 19-May 28.....     | .....  | 372     |  |
|                             | May 29-June 7.....     | .....  | 246     |  |
|                             | June 9-June 14.....    | .....  | 109     |  |
|                             | June 15-July 20.....   | .....  | 159     |  |
|                             | Aug. 4-Aug. 10.....    | 14     | 4       |  |
|                             | Aug. 11-Aug. 24.....   | .....  | 15      |  |
|                             | Aug. 24-Aug. 31.....   | .....  | 46      |  |
|                             | Sept. 1-Sept. 5.....   | .....  | 111     |  |
|                             | Sept. 15-Sept. 28..... | .....  | 29      |  |
|                             | Sept. 29-Oct. 5.....   | .....  | 2       |  |
| <b>India:</b>               |                        |        |         |  |
| <b>Bombay.....</b>          | Nov. 19-Dec. 24.....   | .....  | 15      |  |
|                             | Jan. 14-Feb. 4.....    | .....  | 8       |  |
|                             | Feb. 18-Feb. 25.....   | .....  | 1       |  |
|                             | Mar. 3-Mar. 31.....    | .....  | 18      |  |
|                             | Apr. 2-Apr. 28.....    | .....  | 33      |  |
|                             | Apr. 29-June 30.....   | .....  | 307     |  |
|                             | July 1-Sept. 29.....   | .....  | 229     |  |
|                             | Sept. 30-Oct. 6.....   | .....  | 2       |  |
|                             | Oct. 20-Nov. 10.....   | .....  | 6       |  |
| <b>Calcutta.....</b>        | Nov. 10-Dec. 28.....   | .....  | 332     |  |
|                             | Dec. 28-Jan. 4.....    | .....  | 41      |  |
|                             | Jan. 4-Jan. 31.....    | .....  | 165     |  |
|                             | Feb. 1-Feb. 29.....    | .....  | 200     |  |
|                             | Mar. 1-Apr. 25.....    | .....  | 1,809   |  |
|                             | Apr. 25-May 30.....    | .....  | 817     |  |
|                             | May 31-June 27.....    | .....  | 167     |  |
|                             | June 27-Oct. 31.....   | .....  | 188     |  |
| <b>Madras.....</b>          | June 6-June 13.....    | .....  | 3       |  |
|                             | July 4-July 17.....    | .....  | 3       |  |
|                             | July 25-July 31.....   | .....  | 1       |  |
|                             | Aug. 29-Sept. 26.....  | .....  | 43      |  |
|                             | Sept. 26-Nov. 6.....   | .....  | 24      |  |
| <b>Singapore.....</b>       | Mar. 1-Mar. 31.....    | .....  | 4       |  |
|                             | July 1-July 31.....    | .....  | 7       |  |
| <b>Japan:</b>               |                        |        |         |  |
| <b>Yokohama.....</b>        | Nov. 8-Nov. 15.....    | 1      | 1       |  |
|                             | June 12-June 19.....   | 1      | 1       |  |
|                             | June 19-July 3.....    | 3      | 3       |  |
|                             | Aug. 20-Aug. 26.....   | 3      | .....   |  |
|                             | Sept. 25-Oct. 17.....  | .....  | 12      | 9  |
| <b>Chiba Ken.....</b>       | Jan. 6-Jan. 25.....    | 20     | 18      |  |
|                             | Jan. 24-Feb. 16.....   | 23     | 16      |  |
|                             | July 2-July 11.....    | 1      | .....   |  |

\*To date of October 23, 21,732 cases of cholera, with 18,132 deaths, have been reported throughout Egypt.

## Cholera and yellow fever, etc.—Continued.

## CHOLERA—Continued.

| Places.                     | Date.                  | Cases. | Deaths. | Remarks.  |
|-----------------------------|------------------------|--------|---------|---|
| <b>Japan—Continued.</b>     |                        |        |         |   |
| Ibaraki Ken.....            | Jan. 24-Feb. 3...      | 3      |         |   |
|                             | Feb. 12-Feb. 15.....   |        | 2       |   |
|                             | July 2-July 11.....    | 2      | 1       |   |
| Fukuoka Ken.....            | July 13-July 21.....   | 2      | 1       |   |
|                             | Feb. 29.....           | 1      |         |   |
|                             | June 8-July 11.....    | 23     |         |   |
| Osaka Fu.....               | July 13-July 21.....   | 5      |         |   |
|                             | Apr. 25.....           | 1      |         |   |
|                             | Apr. 28-May 8.....     | 1      | 1       |   |
|                             | May 23-May 30.....     | 1      |         |   |
| Miyazaki Ken.....           | June 8-June 17.....    | 1      |         |   |
|                             | July 13-July 21.....   | 1      |         |   |
| Yamanashi Ken.....          | July 2-July 11.....    | 1      | 1       |   |
| Saitama Ken.....            | June 24-July 13.....   | 3      |         |   |
|                             | June 24-July 3.....    | 1      |         |   |
| Okayama Ken.....            | July 13-July 21.....   | 1      |         |   |
|                             | June 24-July 11.....   | 4      |         |   |
|                             | July 13-July 21.....   | 1      |         |   |
| Nogasaki Ken.....           | Aug. 11-Aug. 20.....   | 1      | 1       |   |
| Ishikawa Ken.....           | June 24-July 3.....    | 2      |         |   |
| Kioto Fu.....               | June 17-July 3.....    | 2      | 1       |   |
|                             | July 13-July 21.....   | 1      | 1       |   |
| Hiogo Ken.....              | June 17-July 11.....   | 4      |         |   |
|                             | Aug. 11-Aug. 20.....   | 1      |         |   |
|                             | Sept. 5-Sept. 12.....  | 2      | 2       |   |
| Kagawa Ken.....             | Sept. 19-Oct. 3.....   | 9      | 1       |   |
|                             | June 17-July 21.....   | 3      |         |   |
| Kanagawa Ken.....           | .....do.....           | 9      | 4       |   |
|                             | Aug. 21-Sept. 4.....   | 3      |         |   |
| Miyagi Ken.....             | June 17-July 3.....    | 2      | 2       |   |
| Shizuoka Ken.....           | June 17-July 11.....   | 3      | 1       |   |
|                             | July 13-July 21.....   | 1      |         |   |
| Yamaguchi Ken.....          | June 17-July 3.....    | 1      | 1       |   |
| Shimane Ken.....            | Apr. 18.....           | 1      |         |   |
|                             | Apr. 17.....           | 1      | 1       |   |
| Tokyo Fu.....               | June 8-June 17.....    | 4      |         |   |
|                             | June 24-July 11.....   | 31     | 5       |   |
|                             | July 13-July 21.....   | 10     | 4       |   |
|                             | Aug. 11-Sept. 23.....  | 26     | 8       |   |
|                             | Sept. 24-Sept. 30..... | 1      |         |   |
|                             | Nov. 4-Nov. 15.....    | 65     |         |   |
| Gumma Ken.....              | June 24-July 3.....    | 1      |         |   |
| Kochi Ken.....              | .....do.....           | 1      |         |   |
| Tochigi Ken.....            | June 24-July 11.....   | 2      |         |   |
| Wakayama Ken.....           | June 24-July 3.....    | 1      |         |   |
|                             | July 13-July 21.....   | 2      | 1       |   |
| Yamaguchi Ken.....          | June 24-July 3.....    | 1      |         |   |
| Yehime Ken.....             | June 8-July 11.....    | 3      |         |   |
|                             | July 13-July 21.....   | 2      |         |   |
| Oyama Ken.....              | Aug. 21-Sept. 4.....   | 6      |         |   |
| Nagano Ken.....             | Sept. 5-Sept. 14.....  | 1      |         |   |
| <b>Morocco:</b>             |                        |        |         |   |
| Casa Blanca.....            | Jan. 11.....           |        |         | Cholera reported.   |
| Mazagan.....                | .....do.....           |        |         | Do.   |
| Stellen.....                | Dec. 15.....           |        | 13      |   |
| <b>Russia:</b>              |                        |        |         |   |
| Kiev (government).....      | Oct. 13-Nov. 11.....   | 156    | 64      |   |
|                             | Nov. 11-Dec. 21.....   | 52     | 24      |   |
|                             | Dec. 22-Jan. 11.....   | 10     | 5       |   |
|                             | Jan. 12-Jan. 25.....   | 12     | 14      |   |
|                             | Nov. 17-Dec. 7.....    | 21     |         |   |
| St. Petersburg (government) | Dec. 8-Dec. 28.....    | 27     | 11      |   |
|                             | Dec. 29-Jan. 11.....   | 8      | 8       |   |
|                             | Jan. 12-Jan. 25.....   | 3      |         |   |
|                             | Feb. 1-Feb. 8.....     | 2      |         |   |
| Volhynia (government).....  | Oct. 13-Nov. 10.....   | 2,297  | 952     |   |
|                             | Nov. 10-Nov. 30.....   | 609    | 294     |   |
|                             | Dec. 1-Dec. 14.....    | 104    | 55      |   |
|                             | Dec. 14-Dec. 28.....   | 24     | 12      |   |
|                             | Dec. 29-Jan. 11.....   |        | 1       |   |
| <b>Turkey:</b>              |                        |        |         |   |
| Constantinople.....         | Dec. 17-Jan. 15.....   | 3      | 3       | Reports dated January 21, 1896, state "about 1 death per week." |
| Brenn.....                  | Jan. 17.....           |        |         | Cholera reported.   |
| Bitlis and Seert.....       | Jan. 15-Jan. 20.....   | 11     | 7       |   |
| Diarbekir.....              | Jan. 16.....           |        |         | Cholera reported in 3 localities.                               |
| Gazran.....                 | Dec. 21-Jan. 14.....   | 67     | 42      |   |

## Cholera and yellow fever, etc.—Continued.

## YELLOW FEVER.

| Places.                      | Date.               | Cases. | Deaths. | Remarks.                        |
|------------------------------|---------------------|--------|---------|---------------------------------|
| Argentine Republic :         |                     |        |         |                                 |
| Buenos Ayres.....            | Mar. 1-Mar. 31...   |        | 5       | On vessels from Rio de Janeiro. |
|                              | Apr. 1-Apr. 30...   |        | 3       |                                 |
| Brazil :                     |                     |        |         |                                 |
| Ceara .....                  | Nov. 30.....        | 1      | 1       |                                 |
|                              | Dec. 24-Dec. 31...  |        | 4       |                                 |
|                              | Mar. 1-Mar. 31...   |        | 3       |                                 |
|                              | July 1-July 31...   |        | 1       |                                 |
| Rio de Janeiro .....         | Nov. 9-Nov. 30...   |        | 43      |                                 |
|                              | Dec. 1-Dec. 28...   |        | 186     |                                 |
|                              | Dec. 28-Jan. 11...  |        | 190     |                                 |
|                              | Jan. 11-Feb. 1...   |        | 382     |                                 |
|                              | Feb. 1-Feb. 8...    |        | 111     |                                 |
|                              | Feb. 8-Feb. 29...   |        | 594     |                                 |
|                              | Mar. 1-Mar. 14...   |        | 468     |                                 |
|                              | Mar. 14-Mar. 25...  |        | 459     |                                 |
|                              | Mar. 28-Apr. 11...  |        | 305     |                                 |
|                              | Apr. 11-June 27...  |        | 376     |                                 |
|                              | June 27-Aug. 29...  |        | 30      |                                 |
|                              | Sept. 5-Sept. 19... |        | 3       |                                 |
|                              | Sept. 26-Oct. 24... |        | 5       |                                 |
| Para.....                    | Nov. 7-Nov. 14...   | 3      | 1       |                                 |
| Nitheroy.....                | Apr. 21.....        |        |         | Yellow fever reported.          |
| Pernambuco .....             | Nov. 1-Nov. 15...   | 8      |         |                                 |
|                              | Apr. 1-Apr. 30...   |        | 8       |                                 |
|                              | May 1-May 31...     |        | 2       |                                 |
| Bahia.....                   | Mar. 31.....        |        |         | Do.                             |
| Sao Paulo.....               | .....do.....        |        |         | Do.                             |
|                              | Jan. 1-Jan. 31...   | 5      | 3       |                                 |
| Araraguara .....             | Apr. 4.....         |        |         | Do.                             |
| Belem.....                   | .....do.....        |        |         | Do.                             |
| Bicas.....                   | .....do.....        |        |         | Do.                             |
| Barrado Pirahy .....         | .....do.....        |        |         | Do.                             |
| Campinas.....                | Apr. 7-May 5...     | 115    |         | Do.                             |
| Casa Branca.....             | May 5.....          |        |         | Do.                             |
| Descalvado.....              | Apr. 4.....         |        |         | Do.                             |
| Dores de Pirahy .....        | Apr. 11.....        |        |         | Do.                             |
| Iahu.....                    | Apr. 4-May 5...     |        |         | Do.                             |
| Iaboticabal.....             | .....do.....        |        |         | Do.                             |
| Limeira.....                 | .....do.....        |        |         | Do.                             |
| Leopoldina.....              | Apr. 11.....        |        |         | Do.                             |
| Parahybuna.....              | Apr. 4.....         |        |         | Do.                             |
| Porto Novo.....              | Apr. 11.....        |        |         | Do.                             |
| Sao Carlos de Pinhal.....    | Apr. 4.....         |        |         | Do.                             |
| San Jose Nepomuceno.....     | .....do.....        |        |         | Do.                             |
| Santos.....                  | Apr. 4-May 5...     |        |         | Do.                             |
| Parahyba do Sul Valenca..... | .....do.....        |        |         | Do.                             |
| Rio Claro.....               | .....do.....        |        |         | Do.                             |
| Sorocaba.....                | .....do.....        |        |         | Do.                             |
| Uba.....                     | Apr. 11.....        |        |         | Do.                             |
| Valenca.....                 | Apr. 4.....         |        |         | Do.                             |
| Vassouras.....               | .....do.....        |        |         | Do.                             |
| Volta Grande.....            | .....do.....        |        |         | Do.                             |
| Cuba : *                     |                     |        |         |                                 |
| Buena Vista.....             | Aug. 1.....         |        |         | Yellow fever reported epidemic. |
| Caibarien.....               | .....do.....        |        |         | Do.                             |
| Camajuani.....               | .....do.....        |        |         | Do.                             |
| Cardenas.....                | June 6-June 27...   | 13     | 4       |                                 |
|                              | June 27-July 25...  | 39     | 14      |                                 |
|                              | July 25-Aug. 29...  | 128    | 39      |                                 |
|                              | Aug. 29-Sept. 19... | 104    | 27      |                                 |
|                              | Sept. 19-Oct. 24... |        | 19      |                                 |
|                              | Oct. 24-Oct. 31...  | 34     | 5       |                                 |
|                              | Nov. 1-Nov. 7...    | 23     | 2       |                                 |
|                              | Nov. 7-Nov. 28...   |        | 17      |                                 |
|                              | Nov. 28-Dec. 5...   | 25     | 4       |                                 |
| Cienfuegos.....              | Dec. 8-Dec. 22...   |        | 2       |                                 |
|                              | Dec. 29-Jan. 19...  |        | 5       |                                 |
|                              | Feb. 16-Feb. 23...  |        | 1       |                                 |
|                              | Apr. 19-May 3...    | 1      | 1       |                                 |
|                              | May 25.....         | 1      |         |                                 |
|                              | June 1-June 7...    | 9      | 2       |                                 |
|                              | June 14-June 28...  |        | 9       |                                 |
|                              | June 28-July 26...  |        | 39      |                                 |
|                              | July 26-Aug. 30...  |        | 45      |                                 |

\* Official reports of the Spanish army sanitary corps show that 1,835 cases of yellow fever were admitted to the Spanish military hospitals in Cuba during the twenty days ended July 20. During the same period there were in the hospitals 497 deaths from that disease.

## Cholera and yellow fever, etc.—Continued.

## YELLOW FEVER—Continued.

| Places.                | Date.                 | Cases.                | Deaths. | Remarks.                        |                                     |
|------------------------|-----------------------|-----------------------|---------|---------------------------------|-------------------------------------|
| <b>Cuba—Continued.</b> |                       |                       |         |                                 |                                     |
| Cienfuegos.....        | Aug. 30-Oct. 25.....  |                       | 99      |                                 |                                     |
|                        | Oct. 29-Nov. 29.....  |                       | 83      |                                 |                                     |
| Guantanamo.....        | Nov. 29-Dec. 6.....   |                       | 2       |                                 |                                     |
|                        | July 1-July 31.....   |                       | 13      |                                 |                                     |
|                        | Sept. 1-Sept. 30..... |                       | 6       |                                 |                                     |
| Habana.....            | Oct. 1-Oct. 31.....   |                       | 2       |                                 |                                     |
|                        | Nov. 28-Dec. 19.....  | 40                    | 14      |                                 |                                     |
|                        | Dec. 26-Jan. 2.....   | 7                     | 3       | In military hospital            |                                     |
|                        | Jan. 2-Mar. 28.....   | 40                    | 14      |                                 |                                     |
|                        | Apr. 2-Apr. 30.....   |                       | 13      |                                 |                                     |
|                        | May 1-May 28.....     | 53                    | 26      |                                 |                                     |
|                        | May 28-June 18.....   | 59                    | 29      |                                 |                                     |
|                        | June 18-June 25.....  | 20                    | 9       |                                 |                                     |
|                        | June 25-July 9.....   | 105                   | 45      |                                 |                                     |
|                        | July 9-July 23.....   | 115                   | 46      |                                 |                                     |
|                        | July 23-July 30.....  | 90                    | 40      |                                 |                                     |
|                        | July 31-Aug. 6.....   | 120                   | 55      |                                 |                                     |
|                        | Aug. 6-Aug. 20.....   | 303                   | 108     |                                 |                                     |
|                        | Aug. 20-Sept. 3.....  | 300                   | 131     |                                 |                                     |
|                        | Sept. 3-Sept. 10..... | 120                   | 43      |                                 |                                     |
|                        | Sept. 10-Oct. 1.....  | 257                   | 123     |                                 |                                     |
|                        | Oct. 1-Oct. 8.....    | 150                   | 54      |                                 |                                     |
|                        | Oct. 8-Oct. 15.....   | 195                   | 65      |                                 |                                     |
|                        | Oct. 15-Oct. 29.....  | 345                   | 126     |                                 |                                     |
|                        | Oct. 29-Nov. 5.....   | 200                   | 70      |                                 |                                     |
|                        | Nov. 5-Nov. 12.....   | 220                   | 88      |                                 |                                     |
|                        | Nov. 12-Nov. 26.....  | 450                   | 191     |                                 |                                     |
|                        | Nov. 26-Dec. 3.....   | 200                   | 72      |                                 |                                     |
|                        | Dec. 3-Dec. 10.....   | 202                   | 69      |                                 |                                     |
|                        | Manzanillo.....       | Mar. 15-Mar. 31.....  |         | 2                               |                                     |
|                        |                       | July 15-July 31.....  |         | 8                               |                                     |
|                        |                       | Aug. 1-Aug. 31.....   |         | 5                               |                                     |
|                        |                       | Sept. 1-Sept. 15..... |         | 3                               |                                     |
|                        |                       | Oct. 1-Oct. 31.....   |         | 1                               |                                     |
| Matanzas.....          | Nov. 1-Nov. 15.....   |                       | 3       |                                 |                                     |
|                        | June 17-June 24.....  | 56                    | 42      |                                 |                                     |
|                        | June 24-July 8.....   | 124                   | 85      |                                 |                                     |
|                        | July 8-July 29.....   | 200                   | 134     |                                 |                                     |
|                        | July 29-Sept. 30..... |                       | 267     |                                 |                                     |
|                        | Oct. 1-Oct. 28.....   |                       | 51      |                                 |                                     |
|                        | Oct. 28-Nov. 4.....   |                       | 15      |                                 |                                     |
|                        | Nov. 11-Nov. 25.....  |                       | 25      |                                 |                                     |
| Placetas.....          | Nov. 25-Dec. 2.....   |                       | 12      |                                 |                                     |
|                        | Aug. 1.....           |                       |         | Yellow fever reported epidemic. |                                     |
| Remedios.....          | do.....               |                       |         | Do.                             |                                     |
| Santiago.....          | Dec. 7-Dec. 21.....   |                       | 29      |                                 |                                     |
|                        | Dec. 21-Dec. 28.....  |                       | 12      |                                 |                                     |
|                        | Dec. 28-Jan. 4.....   |                       | 15      |                                 |                                     |
|                        | Jan. 4-Feb. 15.....   |                       | 47      |                                 |                                     |
|                        | Feb. 22-Feb. 29.....  |                       | 15      |                                 |                                     |
|                        | Mar. 1-Apr. 4.....    |                       | 20      |                                 |                                     |
|                        | Apr. 4-May 30.....    |                       | 22      |                                 |                                     |
|                        | June 1-June 6.....    |                       | 2       |                                 |                                     |
|                        | June 6-June 27.....   |                       | 14      |                                 |                                     |
|                        | June 27-July 4.....   |                       | 7       |                                 |                                     |
|                        | July 4-Aug. 1.....    |                       | 71      |                                 |                                     |
|                        | Aug. 8-Oct. 17.....   |                       | 139     |                                 |                                     |
|                        | Oct. 17-Oct. 24.....  |                       | 12      |                                 |                                     |
|                        | Oct. 24-Nov. 7.....   |                       | 20      |                                 |                                     |
|                        | Nov. 14-Nov. 28.....  |                       | 19      |                                 |                                     |
|                        | Nov. 28-Dec. 5.....   |                       | 9       |                                 |                                     |
|                        | Sagua la Grande.....  | Dec. 1-Dec. 21.....   | 43      | 3                               |                                     |
|                        |                       | Dec. 25-Jan. 25.....  | 31      | 6                               |                                     |
|                        |                       | Feb. 1-Feb. 15.....   |         | 8                               |                                     |
|                        |                       | Mar. 13-Mar. 20.....  | 5       |                                 |                                     |
|                        |                       | Apr. 4-Apr. 11.....   |         | 3                               |                                     |
|                        |                       | May 11-May 18.....    |         |                                 | Yellow fever reported.              |
|                        |                       | May 25-June 6.....    |         | 30                              | Yellow fever reported among troops. |
|                        |                       | June 6-June 27.....   | 171     | 14                              |                                     |
|                        |                       | July 4-July 18.....   | 124     | 15                              |                                     |
|                        |                       | July 18-Aug. 8.....   | 265     | 26                              |                                     |
|                        |                       | Aug. 8-Aug. 29.....   | 230     | 35                              |                                     |
|                        | Aug. 29-Oct. 3.....   | 302                   | 50      |                                 |                                     |
|                        | Oct. 3-Oct. 24.....   | 231                   | 25      |                                 |                                     |
| Oct. 24-Nov. 7.....    | 228                   | 30                    |         |                                 |                                     |

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

## YELLOW FEVER—Continued.

| Places.              | Date.              | Cases. | Deaths. | Remarks.                        |
|----------------------|--------------------|--------|---------|---------------------------------|
| Cuba—Continued.      |                    |        |         |                                 |
| Sagua la Grande..... | Nov. 7–Nov. 14...  | 110    | 10      |                                 |
|                      | Nov. 21–Nov. 28... | 118    | 15      |                                 |
|                      | Nov. 28–Dec. 5...  | 76     | 12      |                                 |
| Yaguajay.....        | Aug. 1.....        |        |         | Yellow fever reported epidemic. |
| Vueltas.....         | do.....            |        |         | Do.                             |
| Zulueta.....         | do.....            |        |         | Do.                             |
| Guadaloupe:          |                    |        |         |                                 |
| Barre Terre.....     | Oct. 1–Oct. 4...   | 3      | 2       |                                 |
| Haiti:               |                    |        |         |                                 |
| Port au Prince.....  | Nov. 4.....        |        |         | Yellow fever reported.          |
|                      | Nov. 2–Nov. 16...  |        |         | Do.                             |
| Martinique:          |                    |        |         |                                 |
| Fort de France.....  | Aug. 3–Aug. 6...   |        | 2       |                                 |
|                      | Oct. 24–Oct. 26... |        | 3       |                                 |
| St. Pierre.....      | Oct. 10.....       |        | 1       |                                 |
| Mexico:              |                    |        |         |                                 |
| Acapulco.....        | July 11–July 18... | 1      |         |                                 |
| Tuxpan.....          | Jan. 11–Jan. 25... |        | 4       |                                 |
| Vera Cruz.....       | May 21–May 28...   | 5      |         |                                 |
|                      | May 28–June 5...   |        |         | Yellow fever reported.          |
|                      | July 29.....       | 3      |         |                                 |
|                      | July 30–Aug. 13... | 6      |         |                                 |
|                      | Aug. 20–Aug. 27... | 1      |         |                                 |
| Peru:                |                    |        |         |                                 |
| Callao.....          | Apr. 5.....        | 2      | 2       | On vessels from Guayaquil.      |
|                      | Sept. 14.....      | 1      |         |                                 |
| Puerto Rico:         |                    |        |         |                                 |
| San Juan.....        | Nov. 29–Dec. 20... | 63     | 23      |                                 |
|                      | Dec. 20–Jan. 17... | 104    | 24      |                                 |
|                      | May 1–May 31...    | 14     | 4       |                                 |
|                      | June 1–June 30...  | 15     | 1       |                                 |
|                      | Sept. 1–Sept. 7... | 2      | 1       |                                 |
| San Salvador.....    | Oct. 19.....       |        |         | Yellow fever reported.          |
| U. S. of Colombia:   |                    |        |         |                                 |
| Panama.....          | Aug. 15–Aug. 22... | 2      | 1       |                                 |

## CUBA.

*Smallpox and yellow fever in Cuban seaports.*

The United States consul at Sagua la Grande reports 76 cases and 12 deaths from yellow fever during the week ended December 5.

Under date of December 8 the United States consul at Cienfuegos reports that during the week ended December 6 there were in that city 2 deaths from yellow fever and 2 from smallpox.

Under date of December 5 the United States sanitary inspector at Santiago reports that during the week ended December 5 there were 9 deaths from yellow fever.

The United States sanitary inspector at Habana reports 202 new cases and 69 deaths from yellow fever and 30 deaths from smallpox during the week ended December 10.

Under date of December 1 the United States consul at Cardenas reports that during the week ended December 5 there were in that city 25 cases of yellow fever, of which 4 were fatal, 4 cases of smallpox, and 17 cases of typhus.

The United States consul at Matanzas reports that there were 12



deaths from yellow fever in Matanzas during the week ended December 2.

HABANA, CUBA, *December 12, 1896.*

SIR: I have the honor to inform you that, although we are now well into the month of December, yellow fever has not diminished to any considerable extent, and smallpox, with its usual indifference to temperature and other atmospheric conditions, continues to be an active epidemic, though the number of deaths from it during this last week has been less than in the former three or four hebdomadal periods. Enteric and malarial fevers, dysentery, and enteritis are quite prevalent.

*Mortuary report.*—During the week ended December 10, 1896, there were 301 deaths in this city, 69 of which were caused by yellow fever, with approximately 202 new cases; 30 were caused by smallpox, with 250 new cases approximately; 20 were caused by enteric fever, 11 by so-called pernicious fever, 1 by paludal fever, 2 by diphtheria, 13 by dysentery, 14 by enteritis, 1 by measles, 2 by glanders, and 38 by tuberculosis. Sixty-six of the 69 deaths during the week from yellow fever were among Spanish soldiers in the military hospitals of the city, while the remaining 3 were in civil life. All of the 30 deaths from smallpox occurred among civilians. The mortuary statistics of the two large military hospitals across the bay from Habana, viz, the "Santa Catalina" and "Almacenes de Regla" (once sugar storehouses), where there are many cases of yellow fever, are not included in this report, as I have not been able to get them.

Very respectfully, your obedient servant,

D. M. BURGESS,  
*Sanitary Inspector, U. S. M. H. S.*

SANTIAGO DE CUBA, *December 5, 1896.*

SIR: I have the honor of submitting the following report on the sanitary condition of Santiago de Cuba for the week ended Saturday, December 5. There were 82 deaths reported for this period, of which 9 were from yellow fever, 5 from tuberculosis, 3 from typhomalaria, 4 from dysentery, 15 from diarrhea, 12 from remittent fever, 6 from pernicious fever, and the rest from common maladies of noncontagious character.

Yellow fever seems to be decreasing, but it is only apparently so, the number of troops being small at Santiago, the larger number being stationed in the surrounding villages. Malarial fevers of malignant type are prevalent, and dysentery is very common, owing to the lack of proper food among the poorer classes. Diarrhea is also very common, the children being the greatest sufferers; milk is very scarce and beyond the means of the poor (80 cents a gallon). Bronchial troubles are prevailing to a great extent, owing to the sudden changes of temperature proper at this time of the year.

Respectfully,

HENRY S. CAMINERO,  
*Sanitary Inspector, U. S. M. H. S.*

SAGUA LA GRANDE, CUBA, *November 12, 1896.*

SIR: I have thought it desirable to transmit to the Department the following report as to the condition of the military hospital, furnished me this day: Soldiers in hospital, 492; of this number there are 117 cases of yellow fever, and 65 persons suffering from wounds.

In addition, smallpox prevails at the port—Isabela de Sagua—there

being 27 cases for the week ended 7th instant. The authorities are making every effort to prevent any spread of it.

The "sickly season," it would seem, has just opened, as the number of cases is far in excess of that at any time since the insurrection began.

I am, sir, your obedient servant,

WALTER B. BARKER,  
*United States Consul.*

Hon. ASSISTANT SECRETARY OF STATE.

PERSIA.

*Quarantine against Bombay.*

LEGATION OF THE UNITED STATES,  
TEHERAN, PERSIA, *October 29, 1896.*

SIR: I have the honor to transmit inclosed a copy and translation from the French of a report of a meeting of the Teheran or sanitary council, held on the 24th instant, to consider the question of the establishment of quarantine at the Persian Gulf ports. I am indebted to Dr. Wishard, who is a member of the council, for the report which was distributed only on the 27th.

So far as is known here the plague has not extended north of Bombay. Under any circumstances, it is a source of satisfaction to know that the quarantine regulations are to be under the direction of a doctor, who will, as far as possible, see that they are carried out.

I have the honor to be, sir, your obedient servant,

JOHN TYLER,  
*Vice Consul-General in Charge.*

Hon. ASSISTANT SECRETARY OF STATE.

[Inclosure—Translation.]

SANITARY COUNCIL OF TEHERAN.

*Proposals made to the Sadr Azem by the sanitary council, October 24, 1896.*

The sanitary council has unanimously decided that for the application of the sanitary measures no better person can be chosen for this purpose than the doctor attached to the English consulate-general at Bushire, who, by his scientific knowledge and also by his presence at the places exposed, is the best adapted to take immediate and efficacious measures to secure the object in view. Whilst leaving him free to judge of the ways and means, and to choose the places for the establishment of sanitary points of inspection, the council consider it to be their duty to call his attention to the necessity for fixing upon different exposed points on the Persian side of the Persian Gulf, especially those used in the coasting trade.

The council insists equally upon the obligation of making an inspection of vessels of eight complete days, without counting the time occupied during the voyage, and to leave out of the calculation eight days from the departure of the ship from the last Indian port, or from Bombay.

On the other hand, we will consider that it is absolutely necessary to disinfect in an especial manner, on their entry, all goods liable to infection, especially such as fresh skins, rags, etc.

Lastly, the sanitary council begs the Persian Government to give the fullest powers to the medical officer delegated for this service, that he may not lack anything on this ground for the prosecution of his important mission.

It would be advisable if the medical delegate would be so good as to put himself in communication with the sanitary council, who, on their part, will send him their reports, and an account of the deliberations at their meetings.

Dr. SCHNEIDER, *Reporter.*  
JOHN TYLER, *Translator.*

## STATISTICAL REPORTS.

AUSTRALIA—*Queensland—Brisbane.*—Month of September, 1896. Estimated population, 93,657. Total deaths, 66, including diphtheria, 1, and whooping cough, 1.

*New South Wales—Newcastle.*—Month of September, 1896. Estimated population, 15,331. Total deaths, 20. No deaths from contagious diseases.

BAHAMAS—*Dunmore Town.*—Two weeks ended December 4, 1896. Estimated population, 1,472. One death. No death from contagious disease.

*Governors Harbor.*—Two weeks ended December 5, 1896. Estimated population, 1,500. One death. No death from contagious disease.

*Green Turtle Cay—Abaco.*—Two weeks ended December 3, 1896. Estimated population, 3,900. No deaths.

BERMUDA.—Four weeks ended December 4, 1896. Estimated population, 15,013. Total deaths, 3. No deaths from contagious diseases.

BRAZIL—*Ceara.*—Month of August, 1896. Estimated population, 44,000. Total deaths, 135, including 4 from whooping cough.

CHILI—*Antofagasta.*—Month of October, 1896. Estimated population, 13,456. Total deaths, 49, including 5 from phthisis pulmonalis.

CUBA—*Manzanillo.*—Two weeks ended November 15, 1896. Estimated population, 14,000. Total deaths, 32, including yellow fever, 3; typhus fever, 3, and enteric fever, 3.

GREAT BRITAIN—*England and Wales.*—The deaths registered in 33 great towns of England and Wales during the week ended November 28 correspond to an annual rate of 19.3 a thousand of the aggregate population, which is estimated at 10,846,971. The highest rate was recorded in Wolverhampton, viz, 33.1, and the lowest in Oldham, viz, 14.2 a thousand.

*London.*—One thousand five hundred and ninety-six deaths were registered during the week, including measles, 19; scarlet fever, 19; diphtheria, 48; whooping cough, 17; enteric fever, 17, and diarrhea and dysentery, 13. The deaths from all causes correspond to an annual rate of 18.8 a thousand. In greater London 2,104 deaths were registered, corresponding to an annual rate of 17.8 a thousand of the population. In the "outer ring" the deaths included 11 from diphtheria, 8 from measles, 7 from whooping cough, and 2 from scarlet fever.

*Ireland.*—The average annual death rate represented by the deaths registered during the week ended November 28 in the 16 principal town districts of Ireland was 25.6 a thousand of the population. The lowest rate was recorded in Lurgan, viz, 4.6, and the highest in Newry, viz, 32.2 a thousand. In Dublin and suburbs 212 deaths were registered, including scarlet fever, 5; enteric fever, 2; whooping cough, 7, and measles, 1.

*Scotland.*—The deaths registered in 8 principal towns during the week

ended November 28 correspond to an annual rate of 20.3 a thousand of the population, which is estimated at 1,518,347. The lowest mortality was recorded in Greenock, viz, 12.6, and the highest in Perth, viz, 29.1 a thousand. The aggregate number of deaths registered from all causes, was 592, including scarlet fever, 7; diphtheria, 9; measles, 33, and whooping cough, 9.

JAMAICA.—Week ended November 21, 1896. Estimated population, 580,804. Total deaths not reported. One death from enteric fever and 1 from whooping cough.

RUSSIA—*Riga*.—Month of September, 1896. Estimated population, 225,000. Total deaths, 598, including phthisis pulmonalis, 36; enteric fever, 10; scarlet fever, 61; smallpox, 1; croup, 1; diphtheria, 15; measles, 3, and whooping cough, 6.

SPAIN—*Barcelona*.—Month of October, 1896. Estimated population, 440,000. Total number of deaths, 677, including phthisis pulmonalis, 88; enteric fever, 34; diphtheria, 34, and smallpox, 21.

SWITZERLAND—*Lucerne*.—Month of October, 1896. Estimated population, 23,000. Total deaths, 31. No deaths from contagious diseases.

UNITED STATES OF COLOMBIA—*Barranquilla*.—Month of October, 1896. Estimated population, 40,000. Total deaths, 89. Deaths from contagious diseases not reported.

VENEZUELA—*State of Miranda—District of Vargas*.—Month of October, 1896. Total number of deaths, 45, including 4 from phthisis pulmonalis.



MORTALITY TABLE, FOREIGN CITIES—Continued.

| Cities.                 | Week ended.  | Estimated population. | Total deaths from all causes. | Deaths from— |               |           |               |                |                |             |          |                 |   |
|-------------------------|--------------|-----------------------|-------------------------------|--------------|---------------|-----------|---------------|----------------|----------------|-------------|----------|-----------------|---|
|                         |              |                       |                               | Cholera.     | Yellow fever. | Smallpox. | Typhus fever. | Enteric fever. | Scarlet fever. | Diphtheria. | Measles. | Whooping cough. |   |
| Monte Cristy.....       | Dec. 5.....  | 1,200                 | 0                             |              |               |           |               |                |                |             |          |                 |   |
| Montevideo.....         | Oct. 31..... | 215,061               | 50                            |              |               |           |               |                |                |             |          |                 |   |
| Moscow.....             | Nov. 21..... | 800,000               | 424                           |              |               | 1         | 9             |                | 14             | 1           | 1        | 8               | 3 |
| Munich.....             | Nov. 14..... | 406,000               | 145                           |              |               |           |               |                |                |             |          |                 | 4 |
| Newcastle on Tyne.....  | Nov. 28..... | 212,223               | 70                            |              |               |           |               |                | 1              | 1           |          | 5               |   |
| Nuremberg.....          | Nov. 14..... | 167,973               | 71                            |              |               |           |               |                |                |             |          |                 | 4 |
| Odesa.....              | Nov. 21..... | 353,000               | 258                           |              |               | 4         |               |                | 6              | 45          |          | 5               | 1 |
| Palermo.....            | do.....      | 273,000               | 110                           |              |               |           |               |                |                |             | 2        |                 |   |
| Pará.....               | do.....      | 140,000               | 29                            |              |               |           |               |                |                |             |          |                 |   |
| Paris.....              | do.....      | 2,511,955             | 889                           |              |               |           |               | 10             |                |             | 5        | 2               | 3 |
| Plymouth.....           | Nov. 23..... | 89,686                | 57                            |              |               |           |               |                |                |             |          | 8               | 1 |
| Port Antonio.....       | Nov. 21..... | (*)                   | 23                            |              |               |           |               | 1              |                |             |          |                 |   |
| Do.....                 | Nov. 28..... | (*)                   | 0                             |              |               |           |               |                |                |             |          |                 |   |
| Port au Prince.....     | Nov. 23..... | 60,000                | 23                            |              |               |           |               |                |                |             |          |                 |   |
| Do.....                 | Nov. 30..... | 60,000                | 19                            |              |               |           |               |                |                |             |          |                 |   |
| Prague.....             | Nov. 21..... | 197,634               | 105                           |              |               |           |               | 1              |                |             | 1        | 1               | 1 |
| Puerto Cortes.....      | Dec. 2.....  | 1,950                 | 0                             |              |               |           |               |                |                |             |          |                 |   |
| Quebec.....             | Dec. 5.....  | 70,000                |                               |              |               |           |               |                |                |             | 4        | 1               |   |
| Queenstown.....         | Nov. 24..... | 15,000                | 4                             |              |               |           |               |                |                |             |          |                 |   |
| Do.....                 | Nov. 31..... | 15,000                | 6                             |              |               |           |               |                |                |             |          |                 |   |
| Rheims.....             | Nov. 21..... | 108,943               | 46                            |              |               |           |               | 1              |                |             |          |                 |   |
| Rome.....               | Oct. 24..... | 477,272               | 118                           |              |               |           |               | 4              |                |             | 1        |                 |   |
| Do.....                 | Oct. 31..... | 477,272               | 163                           |              |               |           |               | 1              |                |             |          |                 |   |
| Rotterdam.....          | Nov. 28..... | 284,573               | 97                            |              |               |           |               |                |                |             |          | 2               |   |
| Sagua la Grande.....    | do.....      | 17,536                | 35                            |              | 15            |           |               |                |                |             |          |                 |   |
| St. Georges.....        | do.....      | 2,150                 | 0                             |              |               |           |               |                |                |             |          |                 |   |
| Do.....                 | Dec. 5.....  | 2,150                 | 0                             |              |               |           |               |                |                |             |          |                 |   |
| St. Petersburg.....     | Nov. 21..... | 1,013,000             | †518                          |              |               | 1         | 1             | 23             | 18             | 24          | 1        | 1               |   |
| St. Stephens.....       | Dec. 5.....  | 3,000                 | 1                             |              |               |           |               |                |                |             |          |                 |   |
| San Juan del Norte..... | Oct. 31..... | 1,280                 | 1                             |              |               |           |               |                |                |             |          |                 |   |
| San Pedro.....          | Nov. 28..... | 3,800                 | 0                             |              |               |           |               |                |                |             |          |                 |   |
| Schiedam.....           | do.....      | 26,233                | 11                            |              |               |           |               |                |                |             | 1        |                 |   |
| Sheffield.....          | do.....      | 350,166               | 112                           |              |               |           |               | 3              | 3              | 2           | 3        | 1               | 1 |
| South Shields.....      | do.....      | 92,773                | 39                            |              |               |           |               | 1              |                |             | 1        | 4               |   |
| Stettin.....            | Nov. 21..... | 140,000               | 64                            |              |               |           |               |                |                |             |          |                 |   |
| Stuttgart.....          | Nov. 26..... | 153,373               | 42                            |              |               |           |               |                |                |             |          |                 |   |
| Sunderland.....         | Nov. 23..... | 140,386               | 44                            |              |               |           |               | 1              |                |             |          |                 |   |
| Tegucigalpa.....        | Nov. 21..... | 12,000                | 2                             |              |               |           |               |                |                |             |          |                 |   |
| Trapani.....            | do.....      | 43,095                | 10                            |              |               |           |               |                |                |             |          |                 |   |
| Trieste.....            | do.....      | 153,314               | 97                            |              |               |           |               | 1              | 2              | 3           | 5        |                 |   |
| Tuxpan.....             | do.....      | 10,280                | 12                            |              |               | 1         |               |                |                |             |          |                 |   |
| Venice.....             | do.....      | 161,938               | 54                            |              |               |           |               |                |                |             |          |                 | 1 |
| Vera Cruz.....          | Dec. 3.....  | 27,065                | 33                            |              |               |           |               |                |                |             |          |                 |   |
| Warsaw.....             | Oct. 31..... | 553,643               | 270                           |              |               | 5         | 5             |                | 27             | 4           | 6        | 5               | 5 |
| Do.....                 | Nov. 7.....  | 553,643               | 244                           |              |               | 10        | 1             |                | 27             | 13          | 5        | 4               | 4 |
| Do.....                 | Nov. 21..... | 553,643               | 275                           |              |               | 6         | 3             |                | 27             | 2           | 10       | 1               | 1 |
| Yarmouth.....           | Dec. 5.....  | 6,087                 | 3                             |              |               |           |               |                |                |             |          |                 |   |
| Yokohama.....           | Oct. 30..... | 170,252               |                               |              |               |           |               |                |                |             | 1        |                 |   |
| Zurich.....             | Nov. 21..... | 150,000               | 51                            |              |               |           | 2             |                |                |             |          |                 | 1 |

\* Population not reported. † One death from plague.

By authority of the Secretary of the Treasury :

WALTER WYMAN,  
Supervising Surgeon-General U. S. Marine-Hospital Service.