

# 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.

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No. 17.

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## UNITED STATES.

[Circular letter.]

TREASURY DEPARTMENT,  
OFFICE OF THE SUPERVISING SURGEON-GENERAL,  
MARINE-HOSPITAL SERVICE,

Washington, D. C., April 16, 1896.

*To medical officers, M. H. S., detailed for inspection of immigrants :*

A request has been received by the Bureau from the assistant commissioner of health of Chicago, Ill., to the effect that when immigrants arriving on a vessel upon which smallpox has occurred en route are passed through and detained for Chicago, the notification (ordinarily sent to the State health authorities) be sent direct by telegram to the health commissioner of Chicago. You are directed to comply with this request.

Respectfully, yours,

WALTER WYMAN,  
*Supervising Surgeon-General U. S. M. H. S.*

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

*Smallpox in Mobile, Ala.*

MOBILE, ALA., April 12, 1896.

SIR: I have the honor to report the occurrence of another case of smallpox in this city, discovered on the 10th instant. The negro sent to the pesthouse from Venetia died on the 11th instant.

Very respectfully,

E. K. SPRAGUE,  
*Assistant Surgeon, U. S. M. H. S.*

*One case of varioloid in Oklahoma City, Okla.*

EL RENO, OKLA., *April 13, 1896.*

SIR: One case of varioloid exists at Oklahoma City, in the County of Oklahoma, in the Territory of Oklahoma. The person sick is a man who came direct from Vinita, Ind. T., where smallpox exists. He arrived in that city over the Choctaw Railway, in the primary febrile stage, on the 10th instant. He confessed his exposure to smallpox and was immediately put in quarantine. The measures taken to restrict are complete isolation and vaccination. The danger of the disease spreading is confined to a number of exposures to him during his primary fever.

Very respectfully,

C. D. ARNOLD, M. D.,  
*Superintendent Territorial Board of Health.*

*Report of infectious diseases in Pennsylvania February 20-April 15, 1896.*

PHILADELPHIA, PA., *April 15, 1896.*

SIR: Since my last report of February 20, 1896, smallpox has been reported at Maltby, Luzerne County, 2 cases, no deaths; at Priceville, Lackawanna County, 1 case, no death. The case previously reported at Brookville, Jefferson County, proved to be rhus poisoning.

Cerebro-spinal meningitis at Philadelphia, 1 case, no death; at Cata-sauqua, Lehigh County, 1 case, 1 death; at Allentown, Lehigh County, 4 cases, 3 deaths; at South Bethlehem, Northampton County, 2 cases, 2 deaths.

Diphtheria at Philadelphia, 558 cases, 174 deaths.

The following is the report of a very serious epidemic of scarlet fever, which, it is hoped, is about at an end in Coal Township, adjoining the borough of Shamokin, Northumberland County. The population of this township is about 10,000, principally miners.

| Month.         | Cases reported. | Deaths. | Month.        | Cases reported. | Deaths. |
|----------------|-----------------|---------|---------------|-----------------|---------|
| July.....      | 19              | 8       | January.....  | 19              | 5       |
| August.....    | 18              | 8       | February..... | 24              | 11      |
| September..... | 30              | 6       | March.....    | 8               | 1       |
| October.....   | 40              | 12      |               |                 |         |
| November.....  | 28              | 6       | Total.....    | 202             | 60      |
| December.....  | 16              | 3       |               |                 |         |

Yours, very truly,

BENJAMIN LEE, M. D.,  
*Secretary State Board of Health.*

*Vaccination of immigrants on steamship Crefeld.*

BALTIMORE, MD., *April 15, 1896.*

SIR: Referring to my report of the 13th instant\* relative to the medical examination and the landing of immigrants from the steamship *Crefeld*, I beg to request that the following words, accidentally omitted, be inserted in the said report, viz: All immigrants not protected by previous vaccination were vaccinated by the quarantine physician of the Baltimore (local) quarantine.

Very respectfully,

GEO. W. STONER,  
*Surgeon, U. S. M. H. S.*

\* PUBLIC HEALTH REPORTS, April 17, 1896.

*Arrival of steamship Gaelic at Angel Island Quarantine Station, California.*ANGEL ISLAND, CAL., *April 19, 1896.*

Steamship *Gaelic* arrived in quarantine with 51 cabin and 211 steerage passengers; all well; ship's surgeon disclaims all knowledge of the case of plague as per your dispatch. Case of smallpox appeared in Chinese steerage passenger April 5. He was taken in quarantine at Honolulu and the boat put through two days of disinfection. The steerage passengers will be bathed and all their baggage steamed. The ship will be given a thorough going over. The cabin passengers had all been vaccinated and will be allowed to land.

M. J. ROSENAU,  
*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, December 26, 1895, to April 21, 1896.*

| Places.                      | Date.               | Cases. | Deaths. | Remarks.           |
|------------------------------|---------------------|--------|---------|--------------------|
| <b>Alabama:</b>              |                     |        |         |                    |
| Mobile .....                 | Mar. 11-Mar. 13.... | 2      | .....   |                    |
|                              | Mar. 28-Apr. 10.... | 2      | .....   |                    |
| <b>Arizona:</b>              |                     |        |         |                    |
| Hirshaw.....                 | Feb. 17 .....       | 10     | .....   |                    |
| Nogales.....                 | Jan. 6-Feb. 3....   | 3      | .....   |                    |
| <b>Arkansas:</b>             |                     |        |         |                    |
| Crittenden County.....       | Jan. 19.....        | 24     | 5       |                    |
| Faulkner County.....         | Jan. 4-Feb. 8....   | 27     | 4       |                    |
| Monroe County.....           | To Feb. 8.....      | 43     | .....   |                    |
| Jacksonport.....             | Mar. 17.....        | 4      | .....   |                    |
| Lee County.....              | To Feb. 8.....      | 12     | 3       |                    |
| St. Francis County.....      | .....do .....       | 16     | 6       |                    |
| Pulaski County.....          | .....do .....       | 4      | .....   |                    |
| Widener.....                 | Jan. 4.....         | 1      | .....   |                    |
| Surrounded Hill.....         | .....do .....       | 1      | .....   |                    |
| Fort Smith.....              | Mar. 28-Apr. 4....  | 1      | 1       |                    |
| <b>Connecticut:</b>          |                     |        |         |                    |
| Middletown.....              | Feb. 11.....        | 1      | .....   |                    |
| New Haven.....               | Feb. 8.....         | 1      | .....   |                    |
| <b>Florida:</b>              |                     |        |         |                    |
| Pensacola.....               | Mar. 18-Apr. 7....  | 2      | 1       |                    |
| <b>Illinois:</b>             |                     |        |         |                    |
| Cairo.....                   | Jan. 14-Feb. 15.... | 15     | 2       |                    |
| Du Quoin, Perry County ..... | Feb. 24.....        | 8      | .....   |                    |
| <b>Indiana:</b>              |                     |        |         |                    |
| Seymour.....                 | Jan. 29.....        | 1      | .....   |                    |
| <b>Kentucky:</b>             |                     |        |         |                    |
| Louisville.....              | Mar. 9-Apr. 4....   | 2      | .....   |                    |
| Paducah.....                 | Mar. 24-Mar. 31.... | 1      | .....   |                    |
|                              | Apr. 9.....         | 1      | .....   |                    |
| <b>Louisiana:</b>            |                     |        |         |                    |
| New Orleans.....             | Dec. 21-Dec. 28.... | 10     | 2       |                    |
|                              | Dec. 28-Jan. 25.... | 26     | 7       |                    |
|                              | Jan. 25-Feb. 22.... | 36     | 13      |                    |
|                              | Feb. 22-Feb. 29.... | 53     | 2       |                    |
|                              | Feb. 29-Mar. 31.... | 334    | 83      |                    |
|                              | Mar. 28-Apr. 11.... | 159    | 44      |                    |
| Shreveport.....              | Feb. 26-Mar. 20.... | 16     | 1       |                    |
|                              | Mar. 21-Mar. 28.... | 1      | .....   |                    |
|                              | Mar. 28-Apr. 4....  | 16     | 2       |                    |
| <b>Maryland:</b>             |                     |        |         |                    |
| Baltimore.....               | Mar. 7-Mar. 14....  | 1      | .....   |                    |
| <b>Michigan:</b>             |                     |        |         |                    |
| Detroit.....                 | Dec. 14-Dec. 21.... | .....  | .....   | Smallpox reported. |
|                              | Dec. 21-Dec. 28.... | 3      | 1       |                    |
|                              | Dec. 28-Feb. 15.... | 8      | 2       |                    |
|                              | Feb. 22-Feb. 29.... | 3      | 3       |                    |
|                              | Mar. 1-Mar. 21....  | 2      | 1       |                    |
| Bay City.....                | Mar. 7-Apr. 11....  | .....  | .....   | Do.                |
| Inlay Township.....          | Feb. 7-Mar. 21....  | .....  | .....   | Do.                |
| Ionia Township.....          | Feb. 7-Apr. 11....  | .....  | .....   | Do.                |
| Greenbush Township.....      | Feb. 15-Feb. 22.... | .....  | .....   | Do.                |
| Rochester.....               | Dec. 14-Dec. 21.... | .....  | .....   | Do.                |
| Saginaw.....                 | Feb. 1-Mar. 21....  | .....  | .....   | Do.                |
| Marine City.....             | Mar. 7-Apr. 11....  | .....  | .....   | Do.                |
| Riga Township.....           | Feb. 1-Feb. 29....  | .....  | .....   | Do.                |

*Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 26, 1895, to April 21, 1896—Continued.*

| Places.                     | Date.                | Cases. | Deaths. | Remarks.           |
|-----------------------------|----------------------|--------|---------|--------------------|
| <b>Missouri :</b>           |                      |        |         |                    |
| Birds Point.....            | Jan. 14.....         | .....  | .....   | Smallpox reported. |
| St. Louis.....              | Jan. 21.....         | 1      | .....   |                    |
|                             | Mar. 7-Mar. 14.....  | 1      | .....   |                    |
| Lone Jack.....              | Mar. 11.....         | 2      | .....   |                    |
| New Madrid County.....      | Mar. 11.....         | 37     | 8       |                    |
| Nevada.....                 | Mar. 11.....         | 1      | .....   |                    |
| Pleasant Hills.....         | Mar. 11.....         | 33     | 4       |                    |
| <b>New Jersey :</b>         |                      |        |         |                    |
| Newark.....                 | Jan. 1-Jan. 31.....  | .....  | 1       |                    |
| <b>New York :</b>           |                      |        |         |                    |
| Brooklyn.....               | Jan. 1-Jan. 31.....  | 2      | 1       |                    |
| Rye.....                    | Feb. 1-Feb. 29.....  | 1      | 1       |                    |
| <b>Ohio :</b>               |                      |        |         |                    |
| Dayton.....                 | Feb. 27-Mar. 12..... | .....  | 4       |                    |
|                             | Mar. 19-Mar. 26..... | 4      | .....   |                    |
| Martins Ferry.....          | Dec. 1-Dec. 23.....  | 139    | 3       |                    |
| <b>Pennsylvania :</b>       |                      |        |         |                    |
| Knoxville.....              | Dec. 17.....         | 1      | .....   |                    |
| Finleyville.....            | Feb. 11.....         | 1      | .....   |                    |
| Gilberton.....              | Feb. 13.....         | 1      | .....   |                    |
| Priceville.....             | Feb. 20-Apr. 15..... | 1      | .....   |                    |
| Maltby.....                 | Feb. 17-Apr. 15..... | 3      | .....   |                    |
| <b>Tennessee :</b>          |                      |        |         |                    |
| Fayette County.....         | Jan. 1-Jan. 31.....  | 1      | .....   |                    |
|                             | Feb. 1-Feb. 29.....  | 3      | 1       |                    |
| Obion County.....           | Jan. 1-Jan. 31.....  | 2      | .....   |                    |
|                             | Feb. 1-Feb. 29.....  | 3      | .....   |                    |
| Memphis.....                | Dec. 15-Dec. 31..... | 17     | .....   |                    |
|                             | Jan. 1-Jan. 31.....  | 21     | .....   |                    |
|                             | Feb. 1-Feb. 29.....  | 19     | .....   |                    |
|                             | Mar. 1-Mar. 31.....  | 19     | .....   |                    |
|                             | Mar. 28-Apr. 11..... | 7      | .....   |                    |
| Shelby County.....          | Dec. 15-Dec. 31..... | 9      | .....   |                    |
|                             | Jan. 1-Jan. 31.....  | 35     | .....   |                    |
|                             | Feb. 1-Feb. 29.....  | 58     | 5       |                    |
| Alamo.....                  | Dec. 15-Dec. 31..... | 6      | .....   |                    |
| Tipton County.....          | Feb. 1-Feb. 29.....  | 27     | .....   |                    |
| <b>Texas :</b>              |                      |        |         |                    |
| Center.....                 | Mar. 13.....         | 1      | .....   |                    |
| Orange.....                 | Mar. 18.....         | 1      | .....   |                    |
| El Paso.....                | Mar. 4.....          | 1      | .....   |                    |
| Galveston.....              | April 10.....        | 1      | .....   |                    |
| Houston.....                | Feb. 1-Feb. 8.....   | 1      | .....   |                    |
| Sherman.....                | Apr. 2.....          | 1      | .....   |                    |
| Smith County.....           | Apr. 2.....          | 10     | 1       |                    |
| Stevensville.....           | Mar. 10.....         | 1      | .....   |                    |
| <b>Washington :</b>         |                      |        |         |                    |
| Port Townsend Quarantine... | Feb. 18-Feb. 26..... | 3      | .....   |                    |
| <b>Wisconsin :</b>          |                      |        |         |                    |
| Mukwonago.....              | Feb. 6.....          | 1      | .....   |                    |
| Waukesha.....               | Feb. 6-Mar. 10.....  | 4      | .....   |                    |
| Wausau.....                 | Dec. 28.....         | 1      | .....   |                    |

*Report of immigration at Philadelphia for the week ended April 4, 1896.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Philadelphia, April 4, 1896.*

*Number of alien immigrants who arrived at this port during the week ended April 4, 1896; also names of vessels and ports from which they arrived.*

| Date.   | Vessel.                   | Where from.                   | No. of immigrants from Russia. | No. of immigrants. |
|---------|---------------------------|-------------------------------|--------------------------------|--------------------|
| 1896.   |                           |                               |                                |                    |
| Mar. 31 | Steamship Belgenland..... | Liverpool and Queenstown..... | 15                             | 125                |
| Apr. 2  | Steamship Maryland.....   | London and Swansea.....       | .....                          | 1                  |
| Apr. 3  | Steamship Glantilly.....  | Bermuda.....                  | .....                          | 1                  |
|         | Total.....                | .....                         | 15                             | 127                |

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

*Report of immigration at Boston for the week ended April 18, 1896.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Boston, April 19, 1896.*

*Number of alien immigrants who arrived at this port during the week ended April 18, 1896 ; also names of vessels and ports from which they arrived.*

| Date.   | Vessel.                    | Where from.                 | No. of immigrants from Russia. | No. of immigrants. |
|---------|----------------------------|-----------------------------|--------------------------------|--------------------|
| 1896.   |                            |                             |                                |                    |
| Apr. 12 | Steamship Boston.....      | Yarmouth.....               |                                | 177                |
| Do....  | Steamship Norseman.....    | Liverpool.....              |                                | 1                  |
| Do....  | Schooner Venezuela.....    | La Have.....                |                                | 1                  |
| Apr. 13 | Steamship Barnstable.....  | Kingston.....               |                                | 4                  |
| Do....  | Steamship Cephalonia.....  | Liverpool and Queenstown .. | 1                              | 698                |
| Apr. 15 | Schooner I. V. Dexter..... | Liverpool.....              |                                | 31                 |
| Apr. 16 | Steamship Halifax.....     | Halifax.....                |                                | 101                |
| Do....  | Steamship Yarmouth.....    | Yarmouth.....               |                                | 149                |
| Apr. 17 | Steamship Victorian.....   | Liverpool.....              |                                | 3                  |
| Do....  | Steamship Kansas.....      | do.....                     |                                | 1                  |
| Apr. 18 | Steamship Virginian.....   | London.....                 |                                | 2                  |
| Do....  | Steamship Boston.....      | Yarmouth.....               |                                | 14                 |
| Do....  | Steamship Storm King.....  | Antwerp.....                |                                | 1                  |
| Do....  | Steamship Gallia.....      | Liverpool and Queenstown..  | 1                              | 744                |
|         | Total.....                 |                             | 2                              | 1,927              |

THOMAS F. DELHANTY,  
*Commissioner of Immigration.*

*Report of immigration at New York for the week ended April 18, 1896.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of New York, April 20, 1896.*

*Number of alien immigrants who arrived at this port during the week ended April 18, 1896 ; also names of vessels and ports from which they arrived.*

| Date.   | Vessel.                          | Where from.                  | No. of immigrants from Russia. | No. of immigrants. |
|---------|----------------------------------|------------------------------|--------------------------------|--------------------|
| 1896.   |                                  |                              |                                |                    |
| Apr. 12 | Steamship Etruria.....           | Liverpool and Queenstown..   | 1                              | 402                |
| Do....  | Steamship La Touraine.....       | Havre.....                   | 10                             | 450                |
| Do....  | Steamship Bolivia.....           | Genoa, Naples, etc.....      |                                | 1,365              |
| Apr. 13 | Steamship Albano.....            | Hamburg.....                 | 41                             | 396                |
| Do....  | Steamship Alesia.....            | Marseilles, Naples, etc..... |                                | 1,058              |
| Do....  | Steamship Allianza.....          | Colon.....                   |                                | 15                 |
| Apr. 14 | Steamship Saale.....             | Bremen.....                  | 14                             | 78                 |
| Do....  | Steamship Amsterdam.....         | Rotterdam and Boulogne.....  | 78                             | 251                |
| Do....  | Steamship Kensington.....        | Antwerp.....                 | 7                              | 208                |
| Apr. 15 | Steamship Bohemia.....           | Stettin.....                 |                                | 218                |
| Do....  | Steamship Werra.....             | Genoa, Naples, etc.....      |                                | 743                |
| Apr. 16 | Steamship Havel.....             | Bremen.....                  | 3                              | 152                |
| Do....  | Steamship Stuttgart.....         | do.....                      | 124                            | 476                |
| Do....  | Steamship State of Nebraska..... | Glasgow.....                 | 6                              | 74                 |
| Do....  | Steamship Teutonic.....          | Liverpool and Queenstown..   | 1                              | 857                |
| Apr. 17 | Steamship Persia.....            | Hamburg.....                 | 40                             | 114                |
| Apr. 18 | Steamship Augusta Victoria.....  | do.....                      | 10                             | 190                |
| Do....  | Steamship Georgia.....           | do.....                      | 59                             | 186                |
| Do....  | Steamship Paris.....             | Southampton.....             | 9                              | 397                |
| Do....  | Steamship Campania.....          | Liverpool and Queenstown..   |                                | 771                |
| Do....  | Steamship Britannia.....         | Naples.....                  |                                | 1,005              |
|         | Total.....                       |                              | 403                            | 9,406              |

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

*Report of immigration at Philadelphia for the week ended April 18, 1896.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Philadelphia, April 18, 1896.*

*Number of alien immigrants who arrived at this port during the week ended April 18, 1896; also names of vessels and ports from which they arrived.*

| Date.   | Vessel.                    | Where from.                  | No. of immigrants from Russia. | No. of immigrants. |
|---------|----------------------------|------------------------------|--------------------------------|--------------------|
| 1896.   |                            |                              |                                |                    |
| Apr. 10 | Steamship Maine.....       | London and Swansea.....      |                                | 1                  |
| Apr. 14 | Steamship Indiana.....     | Liverpool and Queenstown.... | 7                              | 166                |
| Apr. 17 | Steamship Switzerland..... | Antwerp.....                 | 31                             | 316                |
|         | Total.....                 |                              | 38                             | 483                |

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

*Vessels arriving at, departing from, and remaining at United States quarantine stations.*

BRUNSWICK QUARANTINE.

*Week ended April 18, 1896.*

| Name of vessel.       | Date of arrival. | Where from.  | Destination. | Treatment of vessel and cargo. | Date of dep'ture. |
|-----------------------|------------------|--------------|--------------|--------------------------------|-------------------|
| Span. bk. Pedro*..... | Apr. 6           | Habana ..... | Brunswick..  | Disinfected.....               | Apr. 18           |

\* Previously reported.

One vessel inspected and passed.

DELAWARE BREAKWATER QUARANTINE.

*Week ended April 18, 1896.*

Ten vessels inspected and passed.

GULF QUARANTINE.

*Week ended April 11, 1896.*

| Name of vessel.       | Date of arrival. | Where from.     | Destination. | Treatment of vessel and cargo. | Date of dep'ture. |
|-----------------------|------------------|-----------------|--------------|--------------------------------|-------------------|
| Brit. ss. Tuscar..... | Apr. 10          | Rio de Janeiro. | Mobile.....  | Held for disinfection.         | .....             |

Two vessels inspected and passed.

PORT TOWNSEND QUARANTINE.

*Week ended April 11, 1896.*

Six vessels inspected and passed.

REEDY ISLAND QUARANTINE.

*Week ended April 18, 1896.*

Sixteen vessels inspected and passed.

SAN DIEGO QUARANTINE.

*Week ended April 11, 1896.*

One vessel inspected and passed.

## SOUTH ATLANTIC QUARANTINE.

Week ended April 18, 1896.

| Name of vessel.        | Date of arrival. | Where from. | Destina-<br>tion. | Treatment of vessel<br>and cargo. | Date of dep'ture. |
|------------------------|------------------|-------------|-------------------|-----------------------------------|-------------------|
| Ital. bk. Genevra..... | Apr. 12          | Santos..... | Brunswick..       | Held for disinfection.            | .....             |

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

ALABAMA—*Mobile*.—Month of February, 1896. Population, 31,076. Total deaths, 62, including 13 from phthisis pulmonalis.

Month of March, 1896. Total deaths, 96, including 10 from phthisis pulmonalis.

CALIFORNIA.—Month of March, 1896. Reports to the State board of health from 59 cities, towns, and villages, having an aggregate population of 742,995, show a total of 1,069 deaths, including phthisis pulmonalis, 204; enteric fever, 11; scarlet fever, 2; diphtheria, 9; croup, 2, and measles, 1.

*Los Angeles*.—Month of March, 1896. Estimated population, 100,000. Total deaths, 132, including phthisis pulmonalis, 17; enteric fever, 2; scarlet fever, 1; diphtheria, 2, and measles, 1.

*Oakland*.—Month of March, 1896. Estimated population, 60,000. Total deaths, 77, including phthisis pulmonalis, 23, and enteric fever, 1.

*San Francisco*.—Month of March, 1896. Estimated population, 330,000. Total deaths, 528, including phthisis pulmonalis, 87; enteric fever, 6; diphtheria, 2, and croup, 2.

CONNECTICUT.—Month of March, 1896. Reports to the State board of health from 167 towns, having a population of 815,762, show a total of 1,288 deaths, including phthisis pulmonalis, 141; enteric fever, 12; scarlet fever, 9; diphtheria and croup, 43; measles, 36, and whooping cough, 2.

*Hartford*.—Month of March, 1896. Estimated population, 62,000. Total deaths, 115, including phthisis pulmonalis, 10; enteric fever, 1; scarlet fever, 3; diphtheria, 3; measles, 21, and whooping cough, 2.

ILLINOIS—*Chicago*.—Month of March, 1896. Estimated population, 1,600,000. Total deaths, 1,988, including phthisis pulmonalis, 235; enteric fever, 65; scarlet fever, 5; diphtheria, 75; measles, 4, and whooping cough, 5.

MASSACHUSETTS—*Fitchburg*.—Month of March, 1896. Estimated population, 26,409. Total deaths, 40, including phthisis pulmonalis, 3, and croup, 1.

*Worcester*.—Month of March, 1896. Estimated population, 102,000. Total deaths, 163, including phthisis pulmonalis, 22; enteric fever, 1; scarlet fever, 1, and diphtheria, 7.

MICHIGAN.—Week ended April 11, 1896. Reports to the State board of health from 46 observers indicate that intermittent fever increased

and pneumonia and diarrhea decreased in area of prevalence. Phthisis pulmonalis was reported present during the week at 247 places, scarlet fever at 37, measles at 33, diphtheria at 23, enteric fever at 17, whooping cough at 6, and smallpox at 3 places—Bay City, Ionia, and Marine City.

MINNESOTA—*Minneapolis*.—Month of March, 1896. Estimated population, 225,602. Total deaths, 155, including phthisis pulmonalis, 20; enteric fever, 5; scarlet fever, 1; diphtheria, 5; measles, 1, and whooping cough, 1.

*St. Paul*.—Month of March, 1896. Estimated population, 140,292. Total deaths, 115, including phthisis pulmonalis, 12; enteric fever, 3; diphtheria, 4; croup, 1, and whooping cough, 1.

NEW YORK—*Buffalo*.—Month of March, 1896. Estimated population, 335,709. Total deaths, 324, including phthisis pulmonalis, 40; enteric fever, 4; scarlet fever, 2; diphtheria, 12; croup, 11; measles, 1, and whooping cough, 2.

*Yonkers*.—Month of March, 1896. Estimated population, 38,000. Total deaths, 73, including phthisis pulmonalis, 5; diphtheria and croup, 4, and measles, 1.

OHIO—*Columbus*.—Month of March, 1896. Estimated population, 100,000. Total deaths, 109, including phthisis pulmonalis, 22; enteric fever, 6; scarlet fever, 1; measles, 1, and croup, 1.

PENNSYLVANIA—*Pottsville*.—Two weeks ended April 7, 1896. Estimated population, 14,000. Total deaths, 12, including enteric fever, 1, and scarlet fever, 1.

*Williamsport*.—Month of March, 1896. Estimated population, 35,000. Total deaths, 34, including 2 from phthisis pulmonalis.

TENNESSEE—*Chattanooga*.—Month of March, 1896.—Estimated population, white, 27,000; colored, 13,000; total, 40,000. Deaths, white, 18; colored, 16; total, 34, including phthisis pulmonalis, 5, and croup, 3.

TEXAS—*Houston*.—Month of March, 1896. Estimated population, 70,000. Total deaths, 61; no deaths reported from contagious diseases.

UTAH—*Salt Lake City*.—Month of March, 1896. Estimated population, 70,000. Total deaths, 43, including phthisis pulmonalis, 4, and enteric fever, 2.

WISCONSIN—*Milwaukee*.—Month of March, 1896. Estimated population, 255,000. Total deaths, 313, including phthisis pulmonalis, 35; enteric fever, 3; diphtheria, 14; croup, 1, and whooping cough, 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. |
| Allegheny, Pa.....        | Apr. 11..... | 105,287                           | 45                            | 4                    |               |           |            |          |               |                |                |             | 2        | 1               |
| Amesbury, Mass.....       | Apr. 18..... | 9,798                             | 4                             | 1                    |               |           |            |          |               |                |                |             |          |                 |
| Ashtabula, Ohio.....      | do.....      | 8,338                             | 16                            | 1                    |               |           |            |          |               |                |                |             |          |                 |
| Auburn, N. Y.....         | Apr. 11..... | 25,858                            | 200                           | 20                   |               |           |            |          |               |                |                |             |          |                 |
| Baltimore, Md.....        | Apr. 18..... | 434,439                           | 13,197                        | 2                    |               |           |            |          |               | 3              | 1              | 4           |          |                 |
| Battle Creek, Mich.....   | Apr. 11..... | 13,197                            | 2                             | 1                    |               |           |            |          |               |                |                |             |          |                 |
| Bennington, Vt.....       | Apr. 18..... | 6,391                             | 4                             |                      |               |           |            |          |               |                | 1              |             |          |                 |
| Binghamton, N. Y.....     | do.....      | 35,005                            | 8                             | 1                    |               |           |            |          |               |                |                | 1           |          |                 |
| Boston, Mass.....         | do.....      | 448,477                           | 257                           | 33                   |               |           |            |          |               | 1              | 2              | 12          | 2        | 2               |
| Braddock, Pa.....         | Apr. 11..... | 8,561                             | 4                             |                      |               |           |            |          |               | 1              |                |             |          |                 |
| Bridgeport, Conn.....     | Apr. 18..... | 48,866                            | 27                            |                      |               |           |            |          |               |                |                | 1           |          |                 |
| Bristol, Conn.....        | do.....      | 7,382                             | 1                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Rockton, Mass.....        | Apr. 11..... | 27,294                            | 9                             | 1                    |               |           |            |          |               |                |                |             |          |                 |
| Brooklyn, N. Y.....       | Apr. 18..... | 806,343                           | 448                           | 54                   |               |           |            |          |               | 1              | 2              | 19          | 13       | 3               |
| Butler, Pa.....           | do.....      | 8,734                             | 3                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Cambridge, Mass.....      | do.....      | 70,028                            | 34                            | 3                    |               |           |            |          |               |                | 1              |             |          | 1               |
| Carlisle, Pa.....         | do.....      | 7,620                             | 2                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Charleston, S. C.....     | Apr. 11..... | *54,955                           | †31                           | 5                    |               |           |            |          |               |                |                |             |          | 1               |
| Chicago, Ill.....         | do.....      | 1,099,850                         | 466                           | 44                   |               |           |            |          |               | 9              | 1              | 22          | 1        | 4               |
| Do.....                   | Apr. 18..... | 1,099,850                         | 570                           | 47                   |               |           |            |          |               | 4              | 1              | 22          | 1        | 3               |
| Cincinnati, Ohio.....     | Apr. 17..... | 296,908                           | 137                           | 9                    |               |           |            |          |               | 5              |                | 2           | 5        |                 |
| Cleveland, Ohio.....      | Apr. 18..... | 261,353                           | 91                            | 10                   |               |           |            |          |               |                |                | 3           |          | 1               |
| Columbus, Ohio.....       | do.....      | 88,150                            | 35                            | 5                    |               |           |            |          |               | 1              |                | 1           |          |                 |
| Council Bluffs, Iowa..... | Apr. 11..... | 21,474                            | 7                             | 1                    |               |           |            |          |               |                |                |             |          |                 |
| Dayton, Ohio.....         | Apr. 16..... | 61,220                            | 26                            | 6                    |               |           |            |          |               |                |                | 1           |          |                 |
| Denver, Colo.....         | Apr. 11..... | 106,713                           | 31                            | 6                    |               |           |            |          |               |                | 1              |             | 1        |                 |
| Detroit, Mich.....        | Apr. 18..... | 205,876                           | 7                             |                      |               | 1         |            |          |               |                |                | 1           |          |                 |
| Dunkirk, N. Y.....        | Apr. 11..... | 9,416                             | 4                             | 1                    |               |           |            |          |               |                |                |             |          |                 |
| Emporia, Kans.....        | Apr. 18..... | 7,551                             | 3                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Fall River, Mass.....     | do.....      | 74,398                            | 45                            | 3                    |               |           |            |          |               |                |                | 3           |          | 2               |
| Fitchburg, Mass.....      | Apr. 4.....  | 22,037                            | 9                             | 3                    |               |           |            |          |               |                |                |             |          |                 |
| Fort Worth, Tex.....      | Apr. 11..... | 23,076                            | 6                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Gloucester, Mass.....     | do.....      | 24,651                            | 8                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Do.....                   | Apr. 18..... | 24,651                            | 9                             | 1                    |               |           |            |          |               |                |                |             |          |                 |
| Grand Rapids, Mich.....   | Apr. 4.....  | 60,278                            | 17                            | 2                    |               |           |            |          |               | 1              |                |             |          |                 |
| Do.....                   | Apr. 11..... | 60,278                            | 24                            | 3                    |               |           |            |          |               | 1              |                |             |          |                 |
| Haverhill, Mass.....      | Apr. 18..... | 27,412                            | 2                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Hoboken, N. J.....        | Apr. 11..... | 43,648                            | 31                            | 6                    |               |           |            |          |               |                | 1              | 3           |          |                 |
| Hornellsville, N. Y.....  | Apr. 18..... | 10,996                            | 2                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Ironton, Ohio.....        | do.....      | 10,939                            | 5                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Jersey City, N. J.....    | Apr. 12..... | 163,003                           | 82                            | 5                    |               |           |            |          |               | 2              | 1              | 2           | 1        |                 |
| Johnstown, Pa.....        | Apr. 11..... | 21,805                            | 14                            |                      |               |           |            |          |               | 1              |                |             |          |                 |
| Kalamazoo, Mich.....      | do.....      | 17,853                            | 5                             | 1                    |               |           |            |          |               |                |                |             |          | 1               |
| Do.....                   | Apr. 18..... | 17,853                            | 2                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Lawrence, Mass.....       | Apr. 11..... | 44,654                            | 27                            | 1                    |               |           |            |          |               |                |                |             |          |                 |
| Lebanon, Pa.....          | Mar. 23..... | 14,664                            | 5                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Do.....                   | Apr. 4.....  | 14,664                            | 5                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Leominster, Mass.....     | Apr. 18..... | 7,269                             | 3                             | 1                    |               |           |            |          |               |                |                |             |          |                 |
| Lowell, Mass.....         | do.....      | 77,696                            | 46                            | 2                    |               |           |            |          |               | 2              |                | 1           |          |                 |
| Ludington, Mich.....      | do.....      | 7,517                             | 3                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Lynchburg, Va.....        | do.....      | 19,709                            | 10                            | 3                    |               |           |            |          |               |                |                |             |          |                 |
| McKeesport, Pa.....       | Apr. 11..... | 20,741                            | 14                            |                      |               |           |            |          |               |                |                |             |          |                 |
| Manchester, N. H.....     | Apr. 18..... | 44,126                            | 28                            |                      |               |           |            |          |               |                |                |             |          |                 |
| Marinette, Wis.....       | do.....      | 11,523                            | 8                             |                      |               |           |            |          |               |                |                | 1           |          |                 |
| Massillon, Ohio.....      | Apr. 11..... | 10,092                            | 2                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Do.....                   | Apr. 18..... | 10,092                            | 1                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Medford, Mass.....        | do.....      | 11,079                            | 4                             | 2                    |               |           |            |          |               |                |                |             |          |                 |
| Melrose, Mass.....        | Apr. 11..... | 8,519                             | 4                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Do.....                   | Apr. 18..... | 8,519                             | 2                             | 1                    |               |           |            |          |               |                |                |             |          |                 |
| Memphis, Tenn.....        | do.....      | 64,495                            | 26                            | 6                    |               |           |            |          |               |                |                |             |          |                 |
| Middletown, Ohio.....     | Apr. 11..... | 7,681                             | 1                             | 1                    |               |           |            |          |               |                |                |             |          |                 |
| Milwaukee, Wis.....       | Apr. 18..... | 204,468                           | 73                            | 5                    |               |           |            |          |               | 1              |                |             |          | 1               |
| Minneapolis, Minn.....    | Apr. 11..... | 164,738                           | 42                            | 2                    |               |           |            |          |               | 1              |                | 5           |          |                 |
| Mobile, Ala.....          | do.....      | 31,076                            | 16                            | 2                    |               | 1         |            |          |               |                |                |             |          |                 |
| Do.....                   | Apr. 18..... | 31,076                            | 16                            | 2                    |               | 1         |            |          |               |                |                |             |          |                 |
| Nashville, Tenn.....      | do.....      | 76,168                            | 39                            | 8                    |               |           |            |          |               | 1              |                |             | 1        | 1               |
| New Bedford, Mass.....    | do.....      | 40,733                            | 26                            | 6                    |               |           |            |          |               | 1              |                |             |          |                 |
| Newburyport, Mass.....    | Apr. 11..... | 13,947                            | 6                             |                      |               |           |            |          |               |                |                | 1           |          |                 |
| New Haven, Conn.....      | Apr. 16..... | 81,298                            | 34                            | 2                    |               |           |            |          |               |                | 1              |             |          |                 |
| New Orleans, La.....      | Apr. 11..... | 242,039                           | 160                           | 20                   |               | 23        |            |          |               | 1              |                | 1           | 3        |                 |
| Newport, R. I.....        | Apr. 18..... | 19,457                            | 9                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Newton, Mass.....         | Apr. 11..... | 24,379                            | 10                            | 3                    |               |           |            |          |               |                |                |             |          |                 |

\* Estimated population, white, 23,870; colored, 36,295. Total, 65,165. † White, 7; colored, 24.



Table of temperature and rainfall, week ended April 13, 1896.

[Received from Department of Agriculture, Weather Bureau.]

| Locality.                         | Temperature in degrees Fahrenheit. |           |               | Rainfall in inches and hundredths. |         |             |
|-----------------------------------|------------------------------------|-----------|---------------|------------------------------------|---------|-------------|
|                                   | Normal.                            | * Excess. | * Deficiency. | Normal.                            | Excess. | Deficiency. |
| <b>Atlantic Coast:</b>            |                                    |           |               |                                    |         |             |
| Eastport, Me.....                 | 37                                 | 1         |               | .74                                |         | .44         |
| Portland, Me.....                 | 39                                 | 3         |               | .70                                |         | .50         |
| Northfield, Vt.....               | 36                                 | 2         |               | .49                                |         | .49         |
| Boston, Mass.....                 | 43                                 |           | 1             | .79                                |         | .79         |
| Vineyard Haven, Mass.....         | 45                                 |           | 3             | .58                                |         | .48         |
| Nantucket, Mass.....              | 40                                 |           | 0             | .84                                |         | .84         |
| Woods Hole, Mass.....             | 41                                 |           | 1             | .99                                |         | .99         |
| Block Island, R. I.....           | 42                                 |           | 2             | .77                                |         | .67         |
| New Haven, Conn.....              | 44                                 |           | 2             | .84                                |         | .64         |
| Albany, N. Y.....                 | 44                                 |           | 0             | .56                                |         | .26         |
| New York, N. Y.....               | 47                                 |           | 5             | .79                                |         | .49         |
| Harrisburg, Pa.....               | 47                                 |           | 1             | .77                                |         | .47         |
| Philadelphia, Pa.....             | 48                                 |           | 3             | .70                                |         | .50         |
| New Brunswick, N. J.....          | 47                                 |           | 3             | .74                                |         | .34         |
| Atlantic City, N. J.....          | 45                                 |           | 7             | .81                                |         | .51         |
| Baltimore, Md.....                | 51                                 |           | 5             | .84                                |         | .54         |
| Washington, D. C.....             | 51                                 |           | 5             | .80                                |         | .65         |
| Lynchburg, Va.....                | 53                                 |           | 3             | .77                                |         | .47         |
| Cape Henry, Va.....               | 53                                 |           | 5             | 1.05                               |         | .95         |
| Norfolk, Va.....                  | 54                                 |           | 4             | .98                                |         | .78         |
| Charlotte, N. C.....              | 58                                 |           | 2             | .83                                |         | .73         |
| Raleigh, N. C.....                | 55                                 |           | 1             | .51                                |         | .41         |
| Kittyhawk, N. C.....              | 54                                 |           | 6             | 1.07                               |         | .87         |
| Hatteras, N. C.....               | 56                                 |           | 6             | 1.12                               |         | .92         |
| Wilmington, N. C.....             | 60                                 |           | 4             | .64                                |         | .44         |
| Columbia, S. C.....               | 61                                 |           | 1             | .63                                |         | .53         |
| Charleston, S. C.....             | 62                                 |           | 3             | .83                                |         | .83         |
| Augusta, Ga.....                  | 63                                 |           | 3             | .80                                |         | .70         |
| Savannah, Ga.....                 | 65                                 |           | 3             | .84                                |         | .84         |
| Jacksonville, Fla.....            | 68                                 |           | 0             | .67                                |         | .67         |
| Jupiter, Fla.....                 | 73                                 |           | 3             | .49                                | .71     |             |
| Key West, Fla.....                | 75                                 |           | 1             | .28                                |         | .28         |
| <b>Gulf States:</b>               |                                    |           |               |                                    |         |             |
| Atlanta, Ga.....                  | 59                                 | 1         |               | .86                                |         | .86         |
| Tampa, Fla.....                   | 71                                 |           | 3             | .42                                |         | .42         |
| Pensacola, Fla.....               | 67                                 |           | 1             | .85                                |         | .85         |
| Mobile, Ala.....                  | 66                                 | 2         |               | 1.18                               |         | 1.18        |
| Montgomery, Ala.....              | 64                                 | 4         |               | 1.14                               |         | 1.14        |
| Meridian, Miss.....               | 65                                 | 3         |               | 1.08                               |         | .08         |
| Vicksburg, Miss.....              | 65                                 | 5         |               | 1.40                               |         |             |
| New Orleans, La.....              | 69                                 |           | 1             | 1.20                               | .40     |             |
| Shreveport, La.....               | 66                                 |           | 0             | 1.24                               | 3.56    |             |
| Fort Smith, Ark.....              | 61                                 | 7         |               | 1.15                               |         | .95         |
| Little Rock, Ark.....             | 61                                 | 7         |               | 1.08                               | .82     |             |
| Palestine, Tex.....               | 66                                 |           | 0             | 1.03                               |         | .03         |
| Galveston, Tex.....               | 69                                 |           | 3             | .64                                | .76     |             |
| San Antonio, Tex.....             | 69                                 |           | 1             | .65                                |         | .15         |
| Corpus Christi, Tex.....          | 69                                 |           | 1             | .35                                | 1.05    |             |
| <b>Ohio Valley and Tennessee:</b> |                                    |           |               |                                    |         |             |
| Memphis, Tenn.....                | 61                                 | 7         |               | 1.32                               | .48     |             |
| Nashville, Tenn.....              | 58                                 | 4         |               | 1.12                               |         | 1.02        |
| Chattanooga, Tenn.....            | 59                                 | 1         |               | 1.11                               |         | 1.11        |
| Knoxville, Tenn.....              | 57                                 | 1         |               | 1.19                               |         | .99         |
| Louisville, Ky.....               | 55                                 | 5         |               | 1.11                               |         | 1.11        |
| Indianapolis, Ind.....            | 50                                 | 4         |               | .84                                |         | .34         |
| Cincinnati, Ohio.....             | 52                                 | 4         |               | .73                                |         | .63         |
| Columbus, Ohio.....               | 48                                 | 6         |               | .70                                |         | .50         |
| Parkersburg, W. Va.....           | 50                                 | 4         |               | .77                                |         | .27         |
| Pittsburg, Pa.....                | 49                                 | 1         |               | .63                                | .17     |             |
| <b>Lake Region:</b>               |                                    |           |               |                                    |         |             |
| Oswego, N. Y.....                 | 40                                 | 4         |               | .46                                |         | .36         |
| Rochester, N. Y.....              | 41                                 | 5         |               | .56                                |         | .56         |
| Buffalo, N. Y.....                | 39                                 | 5         |               | .56                                |         | .46         |
| Erie, Pa.....                     | 42                                 | 2         |               | .56                                |         | .06         |
| Cleveland, Ohio.....              | 43                                 | 5         |               | .49                                | .51     |             |
| Sandusky, Ohio.....               | 44                                 | 4         |               | .56                                | .04     |             |
| Toledo, Ohio.....                 | 44                                 | 4         |               | .49                                |         | .19         |
| Detroit, Mich.....                | 44                                 | 2         |               | .49                                | 1.01    |             |
| Lansing, Mich.....                | 43                                 | 3         |               | .56                                |         | .06         |
| Port Huron, Mich.....             | 39                                 | 5         |               | .42                                | .08     |             |
| Alpena, Mich.....                 | 35                                 | 3         |               | .42                                | .58     |             |
| Sault Ste. Marie, Mich.....       | 34                                 | 2         |               | .35                                | .05     |             |
| Marquette, Mich.....              | 34                                 | 6         |               | .46                                | .24     |             |
| Green Bay, Wis.....               | 39                                 | 3         |               | .49                                | .21     |             |
| Grand Haven, Mich.....            | 42                                 | 4         |               | .56                                | .04     |             |

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

Table of temperature and rainfall, week ended April 13, 1896—Continued.

| Locality.                        | Temperature in degrees Fahrenheit. |           |              | Rainfall in inches and hundredths. |         |             |
|----------------------------------|------------------------------------|-----------|--------------|------------------------------------|---------|-------------|
|                                  | Normal.                            | * Excess. | * Defic'ncy. | Normal.                            | Excess. | Deficiency. |
| <b>Lake Region—Continued.</b>    |                                    |           |              |                                    |         |             |
| Milwaukee, Wis.....              | 42                                 | 4         |              | .63                                | .27     |             |
| Chicago, Ill.....                | 45                                 | 5         |              | .70                                |         | .20         |
| Duluth, Minn.....                | 36                                 |           | 2            | .54                                | .76     |             |
| <b>Upper Mississippi Valley:</b> |                                    |           |              |                                    |         |             |
| St. Paul, Minn.....              | 44                                 | 0         | 0            | .53                                | 1.37    |             |
| La Crosse, Wis.....              | 45                                 | 1         |              | .49                                | 1.21    |             |
| Dubuque, Iowa.....               | 46                                 | 4         |              | .63                                | 1.07    |             |
| Davenport, Iowa.....             | 47                                 |           |              | .62                                |         |             |
| Des Moines, Iowa.....            | 48                                 | 6         |              | .58                                | 1.12    |             |
| Keokuk, Iowa.....                | 50                                 | 6         |              | .70                                | 1.90    |             |
| Springfield, Ill.....            | 51                                 | 2         |              | .82                                | .28     |             |
| Cairo, Ill.....                  | 57                                 | 7         |              | .91                                |         | .11         |
| St. Louis, Mo.....               | 55                                 | 7         |              | .84                                |         | .44         |
| <b>Missouri Valley:</b>          |                                    |           |              |                                    |         |             |
| Columbia, Mo.....                | 55                                 | 5         |              | 1.01                               | .39     |             |
| Springfield, Mo.....             | 55                                 | 7         |              | .84                                |         | .24         |
| Kansas City, Mo.....             | 53                                 | 7         |              | .64                                | 1.06    |             |
| Wichita, Kans.....               | 54                                 | 10        |              | .49                                | 1.41    |             |
| Concordia, Kans.....             | 51                                 | 11        |              | .42                                | .62     |             |
| Lincoln, Nebr.....               | 49                                 | 9         |              | .45                                | 1.85    |             |
| Omaha, Nebr.....                 | 49                                 | 7         |              | .67                                | 1.73    |             |
| Sioux City, Iowa.....            | 49                                 | 1         |              | .73                                | 1.67    |             |
| Yankton, S. Dak.....             | 45                                 | 3         |              | .70                                | 1.50    |             |
| Valentine, Nebr.....             | 45                                 |           |              | .64                                |         |             |
| Huron, S. Dak.....               | 44                                 | 0         | 0            | .70                                | 1.00    |             |
| Pierre, S. Dak.....              | 46                                 |           | 2            | .44                                |         | .04         |
| Moorhead, Minn.....              | 37                                 | 0         | 0            | .52                                | .88     |             |
| Bismarck, N. Dak.....            | 40                                 |           | 2            | .49                                | .01     |             |
| Williston, N. Dak.....           | 40                                 | 0         | 0            | .28                                |         | .08         |
| <b>Rocky Mountain Region:</b>    |                                    |           |              |                                    |         |             |
| Havre, Mont.....                 | 43                                 |           | 1            | .21                                |         | .21         |
| Helena, Mont.....                | 43                                 |           | 3            | .26                                | .24     |             |
| Miles City, Mont.....            | 44                                 |           | 2            | .21                                |         | .01         |
| Rapid City, S. Dak.....          | 44                                 | 2         |              | .49                                | .41     |             |
| Spokane, Wash.....               | 48                                 |           | 4            | .29                                | .21     |             |
| Walla Walla, Wash.....           | 53                                 |           | 5            | .36                                | 1.44    |             |
| Baker City, Oreg.....            | 43                                 | 5         |              | .28                                | .02     |             |
| Winnemucca, Nev.....             | 47                                 |           | 3            | .21                                |         | .01         |
| Salt Lake City, Utah.....        | 49                                 |           |              | .56                                |         |             |
| Lander, Wyo.....                 | 40                                 | 0         | 0            | .48                                |         | .28         |
| Cheyenne, Wyo.....               | 42                                 | 0         | 0            | .28                                |         | .08         |
| North Platte, Nebr.....          | 48                                 | 4         |              | .48                                | .32     |             |
| Denver, Colo.....                | 47                                 | 5         |              | .41                                |         | .21         |
| Pueblo, Colo.....                | 49                                 | 5         |              | .29                                | .11     |             |
| Dodge City, Kans.....            | 52                                 | 10        |              | .33                                | 2.77    |             |
| Oklahoma City, Okla.....         | 59                                 | 7         |              | .53                                | .07     |             |
| Abilene, Tex.....                | 63                                 | 5         |              | .59                                | .41     |             |
| Santa Fe, N. Mex.....            | 47                                 |           | 1            | .14                                | .97     |             |
| El Paso, Tex.....                | 63                                 |           | 1            | .00                                | .00     |             |
| Phoenix, Ariz.....               | 66                                 |           | 2            | .07                                |         | .07         |
| <b>Pacific Coast:</b>            |                                    |           |              |                                    |         |             |
| Tatoosh Island, Wash.....        | 47                                 |           | 3            | 1.86                               | 2.24    |             |
| Port Angeles, Wash.....          | 45                                 |           | 1            | .49                                |         | .19         |
| Fort Canby, Wash.....            | 48                                 |           | 4            | 1.33                               | 1.57    |             |
| Astoria, Oreg.....               | 51                                 |           | 5            | 1.26                               | 2.94    |             |
| Portland, Oreg.....              | 52                                 |           | 5            | .84                                | .96     |             |
| Roseburg, Oreg.....              | 52                                 |           | 4            | .63                                | 1.47    |             |
| Eureka, Cal.....                 | 49                                 | 0         | 0            | 1.04                               | 3.96    |             |
| Red Bluff, Cal.....              | 59                                 |           | 5            | .55                                |         | .25         |
| Carson City, Nev.....            | 48                                 |           | 4            | .21                                | .09     |             |
| Sacramento, Cal.....             | 59                                 |           | 3            | .56                                |         | .06         |
| San Francisco, Cal.....          | 56                                 |           | 4            | .52                                |         | .22         |
| Fresno, Cal.....                 | 61                                 |           | 6            | .36                                | .24     |             |
| Los Angeles, Cal.....            | 60                                 |           | 4            | .37                                |         | .37         |
| San Diego, Cal.....              | 59                                 |           | 3            | .21                                |         | .10         |
| Yuma, Ariz.....                  | 69                                 |           | 3            | .01                                |         | .01         |

\*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 April 21, 1896.*

## CHOLERA.

| Places.                    | Date.              | Cases. | Deaths. | Remarks.  |
|----------------------------|--------------------|--------|---------|---|
| Argentine Republic:        |                    |        |         |   |
| Buenos Ayres.....          | Dec. 21-Dec. 28... | 3      |         | } From outbreak (August 23, 1895)<br>to date 453 cases, 296 deaths. |
| Austria-Hungary .....      | Nov. 19-Dec. 2...  | 43     | 25      |   |
|                            | Dec. 10-Dec. 30... | 21     | 11      |   |
|                            | Dec. 31-Jan. 27... | 16     | 11      |   |
| Egypt: *                   |                    |        |         |   |
| Ahmadiéh.....              | Nov. 6-Nov. 12...  | 25     | 22      |   |
| Ahu-el-Chekuk.....         | Dec. 23-Jan. 4...  | 2      | 1       |   |
| Alexandria .....           | Dec. 24-Dec. 31... |        | 1       |   |
|                            | Jan. 4.....        | 1      |         |   |
|                            | Jan. 11-Jan. 22... | 14     | 11      |   |
|                            | Jan. 24-Jan. 29... |        | 7       |   |
|                            | Feb. 1-Feb. 25...  |        | 38      |   |
|                            | Feb. 26-Mar. 11... |        | 8       |   |
| Arnie.....                 | Jan. 12-Jan. 14... | 7      | 2       |   |
|                            | Jan. 25.....       |        | 1       |   |
| Ayat.....                  | Jan. 15.....       | 1      | 1       |   |
| Bigalat .....              | Nov. 4-Nov. 13...  | 7      | 7       |   |
| Bossat.....                | Jan. 6-Jan. 9...   | 2      |         |   |
| Bousrate.....              | Nov. 4-Nov. 22...  | 36     | 35      |   |
| Borachia.....              | Nov. 20-Dec. 17... | 22     | 34      |   |
|                            | Jan. 2.....        | 2      | 2       |   |
| Cairo.....                 | Dec. 7-Dec. 11...  | 1      | 2       |   |
|                            | Jan. 10-Jan. 11... | 1      | 1       |   |
| Charkieh.....              | Dec. 30-Dec. 31... | 2      | 2       |   |
|                            | Jan. 11-Jan. 13... | 1      | 1       |   |
| Damietta.....              | Nov. 7-Dec. 23...  | 86     | 79      |   |
| El Daraksa.....            | Nov. 7-Nov. 14...  | 2      | 1       |   |
| El Kurdi.....              | Nov. 4-Nov. 11...  | 7      | 7       |   |
|                            | Dec. 29.....       | 1      | 1       |   |
| Ezbet el Berg.....         | Nov. 7-Nov. 25...  | 32     | 25      |   |
| Ezbet Khalafala Pacha..... | Nov. 7-Nov. 13...  | 5      | 2       |   |
| Farascoor.....             | Nov. 14-Dec. 22... | 48     | 39      |   |
|                            | Dec. 29-Jan. 7...  | 2      | 2       |   |
| Hehya.....                 | Dec. 8-Dec. 13...  |        | 1       |   |
| Kafr el Battekh.....       | Dec. 6-Dec. 24...  | 22     | 17      |   |
| Kafr el Zoonar.....        | Nov. 16-Nov. 20... | 4      | 2       |   |
| Kafr Galalilah.....        | Dec. 19-Dec. 24... | 6      | 5       |   |
| Kolonghil.....             | Nov. 6-Nov. 9...   | 1      | 1       |   |
| Mansurah.....              | Nov. 21-Dec. 17... | 1      | 1       |   |
|                            | Dec. 29-Jan. 1...  | 2      | 2       |   |
| Matarieh.....              | Nov. 4-Nov. 22...  | 20     | 20      |   |
|                            | Dec. 8.....        | 1      | 1       |   |
| Menzaleh.....              | Nov. 4-Nov. 16...  | 35     | 41      |   |
| Mit Chaddad.....           | Jan. 7.....        | 1      |         |   |
| Salamann.....              | Nov. 8-Nov. 18...  | 10     | 8       |   |
| San el Hagar.....          | Jan. 2-Jan. 3...   | 1      | 1       |   |
| Sawalem.....               | Jan. 9-Jan. 27...  | 1      | 1       |   |
|                            | Jan. 30.....       | 1      | 1       |   |
| Zarka.....                 | Dec. 6-Dec. 24...  | 8      | 4       |   |
|                            | Dec. 29-Jan. 8...  | 6      | 4       |   |
| Zagazig.....               | Nov. 22-Dec. 18... | 6      | 4       |   |
|                            | Jan. 1-Jan. 11...  | 3      | 3       |   |
|                            | Jan. 23-Jan. 25... | 2      | 2       |   |
| India:                     |                    |        |         |   |
| Bombay.....                | Nov. 19-Dec. 24... |        | 15      |   |
|                            | Jan. 14-Feb. 4...  |        | 8       |   |
|                            | Feb. 18-Feb. 25... |        | 1       |   |
|                            | Mar. 3-Mar. 10...  |        | 4       |   |
| Calcutta.....              | Nov. 10-Dec. 28... |        | 332     |   |
|                            | Dec. 28-Jan. 4...  |        | 41      |   |
|                            | Jan. 4-Jan. 31...  |        | 165     |   |
|                            | Feb. 1-Feb. 29...  |        | 200     |   |
|                            | Mar. 1-Mar. 7...   |        | 122     |   |
| Japan:                     |                    |        |         |   |
| Yokohama.....              | Nov. 8-Nov. 15...  | 1      | 1       |   |
| Chiba Ken.....             | Jan. 6-Jan. 25...  | 20     | 13      |   |
|                            | Jan. 24-Feb. 16... | 23     | 16      |   |
| Ibaraki Ken.....           | Jan. 24-Feb. 3...  | 3      |         |   |
|                            | Feb. 12-Feb. 15... |        | 2       |   |
| Fukuoka Ken.....           | Feb. 29.....       | 1      |         |   |

\* To date of December 18, 1895, 1,056 cases of cholera, with 874 deaths, have been reported through out Egypt.



*Cholera notes.*

[Translated in this Bureau from the "Veröffentlichungen des Kaiserlichen Gesundheitsamtes," Berlin, April 1, 1896.]

EAST INDIES—*Calcutta*.—From February 16 to 22 there were 58 deaths from cholera.

*Current quarantine measures.*

GREECE.—According to advices of March 18 the quarantine of observation against arrivals from the Egyptian ports is limited to forty-eight hours.

SPAIN.—By royal decree of March 16 and 21 quarantine against vessels arriving, under normal conditions, from St. Petersburg and Bangkok is suspended.

## BRAZIL.

*Sanitary report of Rio de Janeiro.*

RIO DE JANEIRO, *March 17, 1896.*

SIR: I have the honor to transmit report for the week ended March 14, 1896:

There were 49 deaths from *accesso pernicioso*, an increase of 6; 231 from yellow fever, a decrease of 6; 3 from smallpox, a decrease of 1; 6 from beriberi, a decrease of 2; 14 from enteric fever, a decrease of 2; 1 from whooping cough, the same as in the foregoing week; 2 from measles, an increase of 1; and 59 from tuberculosis, an increase of 1. From all causes there were 719 deaths, an increase of 19, and the heaviest mortality in any one week this season.

*Yellow fever*.—This disease is slowly declining, and is now about as high as it will be. Almost daily telegrams announce the appearance of fevers of a bad type in many small interior towns, and at railway stations, which are often called yellow fever; but this is usual, and though it is probable that in many cases they are genuine and carried from the seaboard, yet it can hardly be believed that they are all yellow fever, especially as paludic fevers are always rife in all these districts at this time of the year.

*Smallpox*.—The epidemic form of this disease appears to be nearly extinct, if not quite so.

*Case of the Lombardia*.—The Italian cruiser *Lombardia* was lying in this port and was attacked by yellow fever, and as little or mistaken means of disinfection were applied and isolation forgotten, the disease rapidly extended amongst the crew and officers, so that she was removed to Ilha Grande for sanitary reasons, where she infected the government employes on shore. Out of 258 persons, all told, aboard, all were attacked except 5, and 115 died, including the captain. I will not vouch for the exactness of these figures, but such is what I could learn. The Government sent a steamer and a special commission to the assistance of the *Lombardia*, but it is difficult to ascertain what was done, as there appears to be some recrimination between the parties; but now it is announced that the disease is conquered, as indeed it makes no more victims, as the pabulum is exhausted. It is difficult to imagine how such a case could occur nowadays, with our knowledge and means of opposing the extension of the disease. It will be remembered that when the U. S. S. *Newark* (in 1894) was attacked in the person of 1 man here,

he was at once landed and the ship put to sea, and though 2 other cases occurred aboard, it extended no further. It is disheartening to realize the great difficulty in educating the people, even those who ought to know, in sanitary science and its paramount necessity.

Since last report the following-named ships have been inspected and received bills of health from this office: March 11, bark *Julia*, American, for Barbados, West Indies; steamship *Nasmyth*, British, for New York, and steamship *Carib Prince*, British, for New York; March 16, steamship *Cordoba*, French, for New Orleans.

Respectfully, yours,

R. CLEARY, M. D.,  
Sanitary Inspector, U. S. M. H. S.

RIO DE JANEIRO, *March 24, 1896.*

SIR: I have the honor to transmit report for week ended March 21, 1896:

There were 51 deaths from *accessio pernicioso*, an increase of 2; 228 from yellow fever, a decrease of 3; 5 from smallpox, an increase of 2; 7 from beriberi, an increase of 1; 18 from enteric fever, an increase of 4; 1 from measles, a decrease of 1; 58 from tuberculosis, a decrease of 1, and none from whooping cough, 1 in the foregoing week. From all causes there were 695 deaths, a decrease of 24.

*Yellow fever.*—The decline in the number of deaths from this disease is not as great as was to be expected, but with the lower temperature it always gets less at this time of the year; so we may hope for a better report next week. The number of cases increased 21 during the week.

*Smallpox.*—This disease still hangs on, though it usually quite disappears during the hottest months, so that it is to be feared that it will become epidemic when the season is more advanced.

Since last report the following-named ships have been visited and received bills of health from this office: March 23, American bark *Baltimore*, for Baltimore, Md., and British steamship *Kaffir Prince*, for New York, from Santos.

Respectfully, yours,

R. CLEARY, M. D.,  
Sanitary Inspector, U. S. M. H. S.

RIO DE JANEIRO, *March 31, 1896.*

SIR: I have the honor to transmit report for the week ended March 28, 1896:

There were 48 deaths from *accessio pernicioso*, a decrease of 2; 231 from yellow fever, an increase of 3; 4 from smallpox, a decrease of 1; 8 from beriberi, an increase of 1; 12 from enteric fever, a decrease of 6; 2 from whooping cough, none in the foregoing week; 52 from tuberculosis, a decrease of 6, and none from measles. There were 699 deaths from all causes, an increase of 4.

*Yellow fever.*—This disease appears to be at a standstill, in spite of the cooler weather. It has appeared at many places in the interior and on the coast, including Sao Paulo, Bahia, and Campinas, as well as a number of smaller towns. The denizens of those places attribute its visit to importation from the coast. There are many who say that the disease is more fatal this year than usual, but I do not think there is anything peculiar in its type. As a rule, it is more fatal at the beginning of an epidemic than later on, which, in part, may be accounted for from the fact that the most susceptible, and, as a consequence, the least resisting, are first attacked, and as the season advances the stricken ones are hardier as against the fell disease, and a larger

proportion escapes. But there are other causes, and I believe a great one is that nearly every year someone discovers a new specific for a disease which is not to be specifically treated with any success, and reliance is too often placed on the remedy to the exclusion of old and tried methods. Disinfectant and antiseptic treatment has had, and is having, its run, and, properly applied, has excellent effects, but alone there never has been found a specific disinfectant. This year from the very start eucalyptus has been vaunted as an almost sure cure, and has been applied in different ways, until now, late in the season, many if not most of the practitioners have abandoned its use, though in the beginning the public prints teemed with notices of almost miraculous cures signed by prominent medical men.

The use of new and improved methods in rapidly fatal disease is unwarranted, and though I used the eucalyptus in several cases, I did not neglect known and tried methods which had before given me good results, and my success this year was as good as ever. I have done better with Dr. Sternberg's bichloride of mercury, conjoined with large and deep disinfectant clysters, than with any other disinfectant, unless, perhaps, with sodium benzoate. Also, from the teachings of an able, scientific, and justly considered high authority, tincture of cantharides is given against anuria, the most fatal symptom, but such an irritating stimulant, if given in active doses, I consider dangerous, though the homeopathic doses of one-third of a drop every two hours, which are used here, can do little harm, unless other known and efficient means are neglected. And yesterday I read in the morning paper of a brand new treatment, which is arsenic.

Now, with all these elements of tentative treatment, is it to be wondered at that the disease is very fatal? I hope to give a better health report next week.

Since last report, the following-named ships have been inspected or received bills of health from this office: March 26, British bark *Mozambique*, for New York, and British ship *W. H. Corsar*, for Ship Island, Mississippi; March 27, British steamship *Mozart*, for New York, American barkentine *Glad Tidings*, for Barbados, West Indies, and British steamship *Manitoba*, from Santos for New York.

Respectfully, yours,

R. CLEARY, M. D.,  
Sanitary Inspector, U. S. M. H. S.

#### CHINA.

#### *Bubonic plague in Hongkong.*

HONGKONG, *March 3, 1896.*

SIR: I have the honor to inform the Department that this colony has been declared afflicted with bubonic plague. Quarantine has been established by the Straits Government in consequence thereof, and a decrease of business may be looked for, though the plague is certainly not raging in a virulent form. I might say at present only sporadic cases occur, and, as we are having rains, we may have diminution instead of increase. Of course, every precaution is taken against the spread of the disease. Even if more serious, the consequence will not be as great as may appear from our experience in 1894, which to a certain extent demonstrates that it is not probable that it will be transferred from Asia to America. The time of incubation being from three to ten days, and, as you are advised, that it is in fact endemic and not

epidemic, I will not cable unless something unusual occurs. My sanitary report will exhibit the number of weekly deaths. While a considerable experience here has shown the unlikelihood of its extension by long stages of trade or of passenger traffic, I should not wish to be oblivious to the very serious nature of the problem when a dirty city's poor are infected with its presence. I consider that the seriousness of its endemicity here is fully recognized on all hands.

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

W. E. HUNT,  
*United States Consul.*

Hon. ASSISTANT SECRETARY OF STATE.

CUBA.

*Sanitary report of Santiago.*

SANTIAGO DE CUBA, *April 11, 1896.*

SIR: I have the honor to transmit the following report on the sanitary condition of Santiago de Cuba for the week ended April 11:

Forty deaths have been recorded for this period, of which 1 was from yellow fever, 2 from confluent smallpox, 2 from diphtheria, 5 from remittent bilious fever, 3 from enteric fever, 5 from tuberculosis, 2 from pernicious fever, 2 from typhomalaria; the rest from common diseases of non-contagious character. Smallpox continues to increase, and there are 25 cases confined in the smallpox hospital, while there are many cases in the town of which the physicians hear nothing about, as they are treated by quacks and spiritualists, of whom there are quite a large number in the city. Vaccination is still spasmodically practiced, having no means of procuring vaccine except from Habana once or twice a week.

Yellow fever is stationary, although the cases presenting themselves are now of a milder character, and the death rate has decreased somewhat, as happens usually about this time of the year until the summer season sets fairly in, when the disease takes its usual malignant form. The reports about yellow fever are not very encouraging in other cities; in Santa Clara, for example, several native Cubans have died from it, and the cases of two negroes, who took the fever and died, have aroused the attention of all the physicians, as we always maintained that the colored race in Cuba seemed to enjoy a complete immunity from this disease. Spring diarrhea is very common just now; so are malarial fevers, which take the typhomalarial type.

Respectfully, yours,

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

INDIA.

*Quarantine restrictions against arrivals from Hongkong.*

SINGAPORE, *February 28, 1896.*

SIR: I have the honor to submit to you the inclosed copy of a Government gazette extraordinary, issued yesterday to the effect that bubonic plague had broken out in Hongkong; that the said port had consequently been declared infected, and that all vessels arriving therefrom at Singapore would have to be put in quarantine.

I have the honor to be, etc.,

E. SPENCER PRATT,  
*United States Consul-General.*

Hon. ASSISTANT SECRETARY OF STATE, *Washington, D. C.*

[Inclosure.]

## STRAITS SETTLEMENTS GOVERNMENT GAZETTE EXTRAORDINARY.

COLONIAL SECRETARY'S OFFICE, *Singapore, February 27, 1896.*

*Government notification No. 104.*—Information having been received that a contagious disease, namely, bubonic plague, has broken out at Hongkong, it is hereby declared by the governor that the port of Hongkong is infected.

Under the regulations made by the governor in council, under "The Quarantine and Prevention of Disease Ordinance, 1886," all vessels arriving from Hongkong will be put in quarantine, and there detained for nine days from the date of departure from Hongkong, or from the date of the last case of the said disease on board, or until released by the health officer.

By his excellency's command,

J. A. SWETTENHAM,  
*Colonial Secretary.*

## STATISTICAL REPORTS.

**AUSTRALIA**—*Brisbane.*—Month of January, 1896. Estimated population, 93,657. Total deaths, 84, including enteric fever, 3, and whooping cough, 8.

*Newcastle.*—Month of January, 1896. Estimated population, 15,329. Total deaths, 34, including enteric fever, 3, and measles, 1.

**BAHAMAS**—*Green Turtle Cay—Abaco.*—Two weeks ended April 9, 1896. Estimated population, 3,900. No deaths.

**BERMUDA.**—Week ended April 10, 1896. Estimated population, 15,013. One death. No death from contagious disease.

**BRITISH COLUMBIA**—*Victoria.*—Three months ended March 31, 1896. Estimated population, 20,000. Total deaths, 76. No deaths from contagious diseases.

**CUBA**—*Habana.*—Under date of April 18, the United States sanitary inspector reports as follows:

There were 154 deaths in this city during the week ended April 16, 1896. Three of those deaths were caused by yellow fever, 4 by enteric fever, 3 by so-called pernicious fever, 1 by paludal fever, 2 by dysentery, 12 by enteritis, 5 by smallpox, 1 by measles, 9 by pneumonia, and 1 by the grippe. Two of the deaths by yellow fever occurred in the military hospital, the other in civil life.

**GREAT BRITAIN**—*England and Wales.*—The deaths registered in 33 great towns of England and Wales during the week ended April 4 correspond to an annual rate of 18.3 a thousand of the aggregate population, which is estimated at 10,860,971. The lowest rate was recorded in Portsmouth, viz, 11.7, and the highest in Birkenhead, viz, 26.7 a thousand.

*London.*—One thousand five hundred and twenty-two deaths were registered during the week, including measles, 128; scarlet fever, 27; diphtheria, 45; whooping cough, 99; enteric fever, 6, and diarrhea and dysentery, 7. The deaths from all causes corresponded to an annual rate of 17.9 a thousand. In greater London 1,944 deaths were registered, corresponding to an annual rate of 16.5 a thousand of the population. In the "outer ring" the deaths included 7 from diphtheria, 35 from measles, 4 from scarlet fever, and 26 from whooping cough.

*Ireland.*—The average annual death rate represented by the deaths registered during the week ended April 4 in the 16 principal town districts of Ireland was 22.4 a thousand of the population. The lowest rate was recorded in Dundalk, viz, 4.2, and the highest in Lurgan, viz, 50.2 a thousand. In Dublin and suburbs 171 deaths were registered, including smallpox, 1; scarlet fever, 2; diphtheria, 1; enteric fever, 1, and whooping cough, 1.

*Scotland.*—The deaths registered in 8 principal towns during the week ended April 4 corresponded to an annual rate of 18.7 a thousand of the population, which is estimated at 1,518,347. The lowest mortality was recorded in Leith, viz, 10.5, and the highest in Aberdeen, viz, 22.2 a thousand. The aggregate number of deaths registered from all causes was 545, including measles, 8; scarlet fever, 5; diphtheria, 4, and whooping cough, 21.

ST. HELENA.—Four weeks ended March 30, 1896. Estimated population, 3,600. Total deaths, 4.

## MORTALITY TABLE, FOREIGN CITIES.

| 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. |     |
| Acapulco.....              | Apr. 4....  | 5,000                 | 8                             |              |               |           |               |                |                |             |          |                 |     |
| Aix la Chapelle.....       | Mar. 28.... | 110,865               | 52                            |              |               |           |               |                |                |             |          |                 |     |
| Alexandria.....            | Mar. 11.... | 231,396               | 144                           | 2            |               | 1         |               | 2              |                | 1           |          | 1               |     |
| Amapala.....               | Mar. 7..... | 1,500                 | 0                             |              |               |           |               |                |                |             |          |                 |     |
| Do.....                    | Mar. 14.... | 1,500                 | 0                             |              |               |           |               |                |                |             |          |                 |     |
| Do.....                    | Mar. 21.... | 1,500                 | 0                             |              |               |           |               |                |                |             |          |                 |     |
| Do.....                    | Mar. 28.... | 1,500                 | 0                             |              |               |           |               |                |                |             |          |                 |     |
| Do.....                    | Feb. 8..... | 1,500                 | 0                             |              |               |           |               |                |                |             |          |                 |     |
| Do.....                    | Feb. 15.... | 1,500                 | 0                             |              |               |           |               |                |                |             |          |                 |     |
| Do.....                    | Feb. 22.... | 1,500                 | 0                             |              |               |           |               |                |                |             |          |                 |     |
| Do.....                    | Feb. 29.... | 1,500                 | 0                             |              |               |           |               |                |                |             |          |                 |     |
| Amherstburg.....           | Apr. 11.... | 2,300                 | 0                             |              |               |           |               |                |                |             |          |                 |     |
| Amsterdam.....             | Apr. 4..... | 456,357               | 174                           |              |               |           |               |                | 1              | 1           |          |                 | 6   |
| Belfast.....               | do.....     | 277,854               | 119                           |              |               |           |               | 2              | 3              |             |          | 4               | 4   |
| Belleville.....            | Apr. 13.... | 10,318                | 1                             |              |               |           |               |                |                |             |          |                 |     |
| Birmingham.....            | Apr. 4..... | 496,751               | 173                           |              |               |           |               | 1              | 2              | 3           | 8        |                 | 14  |
| Bologna.....               | do.....     | 149,440               | 67                            |              |               |           |               |                |                |             |          |                 |     |
| Bremen.....                | Mar. 28.... | 142,000               | 54                            |              |               |           |               | 1              |                | 2           |          |                 |     |
| Brussels.....              | do.....     | 507,985               | 174                           |              |               |           |               | 2              |                | 1           |          |                 | 1   |
| Cairo.....                 | Mar. 11.... | 374,838               | 332                           |              | 2             |           | 4             |                |                | 2           |          | 7               |     |
| Cardiff.....               | Apr. 4..... | 162,690               | 43                            |              |               |           |               |                |                |             |          |                 | 3   |
| Catania.....               | Mar. 31.... | 120,000               | 55                            |              |               |           |               |                | 1              | 1           |          |                 | 1   |
| Ceiba.....                 | Mar. 29.... | 3,500                 | 0                             |              |               |           |               |                |                |             |          |                 |     |
| Do.....                    | Apr. 5..... | 3,500                 | 0                             |              |               |           |               |                |                |             |          |                 |     |
| Chatham.....               | Apr. 11.... | 2,052                 | 3                             |              |               |           |               |                |                |             |          |                 |     |
| Chemnitz.....              | Mar. 29.... | 161,000               | 85                            |              |               |           |               |                | 2              |             |          |                 |     |
| Christiania.....           | Mar. 28.... | 174,717               | 46                            |              |               |           |               |                |                |             | 1        |                 | 1   |
| Do.....                    | Apr. 4..... | 180,000               | 50                            |              |               |           |               |                |                | 1           |          |                 | 5   |
| Cienfuegos.....            | Apr. 5..... | 23,000                | 26                            |              | 1             |           |               |                |                |             |          |                 |     |
| Coaticook.....             | Apr. 4..... | 2,500                 | 0                             |              |               |           |               |                |                |             |          |                 |     |
| Do.....                    | Apr. 11.... | 2,500                 | 0                             |              |               |           |               |                |                |             |          |                 |     |
| Cologne.....               | Mar. 28.... | 322,768               | .....                         |              |               |           |               | 1              |                | 5           | 10       |                 | 2   |
| Copenhagen.....            | Mar. 21.... | 333,714               | 115                           |              |               |           |               |                |                |             |          |                 | 2   |
| Corunna.....               | do.....     | 32,113                | 33                            |              |               |           | 1             |                |                |             |          |                 |     |
| Do.....                    | Mar. 28.... | 32,113                | 20                            |              |               | 2         |               |                |                |             |          |                 |     |
| Do.....                    | Apr. 4..... | 32,113                | 33                            |              |               | 1         |               | 1              |                |             |          | 1               |     |
| Crefeld.....               | Mar. 28.... | 107,000               | 33                            |              |               |           |               |                | 1              | 1           | 1        |                 |     |
| Do.....                    | Apr. 4..... | 107,000               | 33                            |              |               |           |               |                | 1              |             |          |                 |     |
| Dublin.....                | do.....     | 350,000               | 171                           |              |               | 1         |               |                |                |             |          |                 |     |
| Dundee.....                | do.....     | 161,620               | 66                            |              |               |           |               |                |                |             | 1        |                 | 1   |
| Dusseldorf.....            | Mar. 28.... | 175,861               | .....                         |              |               |           |               |                |                | 2           |          |                 |     |
| Edinburgh.....             | Apr. 4..... | 276,514               | 71                            |              |               |           |               | 1              | 2              | 1           |          |                 | 1   |
| Flushing.....              | do.....     | 16,200                | 6                             |              |               |           |               |                |                |             |          |                 |     |
| Frankfort on the Main..... | do.....     | 228,750               | 67                            |              |               |           |               |                | 1              | 3           |          |                 | 1   |
| Genoa.....                 | do.....     | 182,659               | 87                            |              |               | 1         |               |                |                | 1           |          |                 |     |
| Gibraltar.....             | Mar. 29.... | 25,800                | 12                            |              |               |           |               |                |                |             |          |                 |     |
| Girgenti.....              | Mar. 28.... | 24,428                | 18                            |              |               |           |               |                |                | 3           |          |                 |     |
| Glasgow.....               | Apr. 4..... | 705,052               | 274                           |              |               |           |               | 5              | 2              | 2           | 4        |                 | 13  |
| Gothenburg.....            | Mar. 21.... | 111,234               | 36                            |              |               |           |               |                | 1              | 1           |          |                 |     |
| Do.....                    | Mar. 28.... | 111,234               | 34                            |              |               |           |               |                | 3              |             |          |                 |     |
| Halifax.....               | Apr. 11.... | 38,700                | 21                            |              |               |           |               |                |                | 1           |          |                 |     |
| Hamburg.....               | Mar. 28.... | 625,552               | 208                           |              |               |           |               |                | 1              | 3           | 3        |                 | 3   |
| Do.....                    | Apr. 4..... | 625,552               | 208                           |              |               |           |               |                | 2              |             | 2        |                 | 2   |
| Honolulu.....              | Mar. 21.... | 28,000                | 17                            |              |               |           |               |                |                |             |          |                 | 5   |
| Do.....                    | Mar. 28.... | 28,000                | 15                            |              |               |           |               |                |                |             |          |                 | 1   |
| Kehl, Strasburg.....       | do.....     | 141,272               | 60                            |              |               |           |               | 1              |                | 2           |          |                 |     |
| Kingston, Canada.....      | Apr. 17.... | 18,408                | 3                             |              |               |           |               |                |                |             |          |                 |     |
| Konigsberg.....            | Mar. 28.... | 171,700               | .....                         |              |               |           |               |                |                | 1           | 4        |                 |     |
| Do.....                    | Apr. 4..... | 171,700               | .....                         |              |               |           |               |                |                | 2           | 4        |                 |     |
| Leeds.....                 | Apr. 6..... | 395,546               | 156                           |              |               |           |               |                | 2              | 2           |          | 3               | 15  |
| Leghorn.....               | Apr. 4..... | 103,434               | 39                            |              |               |           |               |                |                |             |          |                 |     |
| Licata.....                | do.....     | 20,000                | 11                            |              |               |           |               |                |                |             |          |                 |     |
| Liège.....                 | do.....     | 160,848               | 59                            |              |               |           |               |                |                | 3           |          |                 | 1   |
| Liverpool.....             | do.....     | 641,063               | 267                           |              |               | 1         | 1             | 2              | 2              | 2           | 15       |                 | 4   |
| London, Canada.....        | Apr. 11.... | 34,429                | 8                             |              |               |           |               |                |                |             |          |                 |     |
| London, England.....       | Mar. 28.... | 6,150,500             | 1,933                         |              |               |           |               |                | 9              | 20          | 62       | 164             | 114 |
| Do.....                    | Apr. 4..... | 6,150,500             | 1,944                         |              |               |           |               |                | 11             | 31          | 52       | 163             | 125 |
| Lyons.....                 | Mar. 28.... | 500,000               | 168                           |              |               |           |               |                |                |             | 2        | 1               |     |
| Magdeburg.....             | Feb. 29.... | 214,786               | 402                           |              |               |           |               |                |                |             | 6        |                 | 4   |
| Manchester.....            | Mar. 28.... | 531,697               | 261                           |              |               |           |               |                | 2              | 4           | 3        | 20              | 9   |
| Do.....                    | Apr. 4..... | 531,697               | 220                           |              |               |           |               |                | 1              | 5           | 2        | 24              | 4   |
| Mannheim.....              | Mar. 28.... | 88,400                | 36                            |              |               |           |               |                |                | 1           |          |                 |     |
| Do.....                    | Apr. 4..... | 88,400                | 36                            |              |               |           |               |                | 1              |             |          |                 |     |

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. |    |
| Maracaibo          | Mar. 28     | 42,000                | 20                            |              |               |           |               |                |                |             |          |                 |    |
| Do                 | Apr. 4      | 42,000                | 19                            |              |               |           |               |                |                |             |          |                 |    |
| Matamoros          | Apr. 10     | 8,000                 | 8                             |              |               |           |               |                |                |             |          |                 |    |
| Mayence            | Mar. 28     | 74,917                | 20                            |              |               |           |               |                |                |             |          |                 |    |
| Do                 | Apr. 4      | 74,917                | 23                            |              |               |           |               |                |                |             | 1        |                 | 1  |
| Melbourne          | Feb. 15     | 1,140,405             |                               |              |               |           |               | 13             |                |             |          |                 |    |
| Do                 | Feb. 22     | 1,140,405             |                               |              |               |           |               | 5              |                |             |          |                 |    |
| Do                 | Feb. 29     | 1,140,405             |                               |              |               |           |               | 4              |                |             |          |                 |    |
| Do                 | Mar. 7      | 1,140,405             |                               |              |               |           |               | 3              |                |             | 1        |                 |    |
| Messina            | Apr. 4      | 107,000               | 32                            |              |               |           |               | 1              |                |             | 1        |                 |    |
| Monte Cristy       | do          | 1,500                 | 0                             |              |               |           |               |                |                |             |          |                 |    |
| Moscow             | Mar. 21     | 800,000               | 522                           |              |               |           |               | 3              |                |             |          |                 | 3  |
| Munich             | Mar. 28     | 406,000               | 190                           |              |               |           |               |                |                | 1           | 2        | 2               | 3  |
| Newcastle on Tyne  | Apr. 4      | 212,223               | 65                            |              |               |           |               |                |                |             |          | 2               | 2  |
| Nuremberg          | Mar. 21     | 162,380               | 74                            |              |               |           |               |                |                |             |          | 6               | 1  |
| Odessa             | Mar. 28     | 353,000               | 137                           |              |               |           |               |                |                |             | 1        |                 |    |
| Osaka and Hiogo    | Mar. 14     | 158,693               | 72                            |              |               | 3         | 1             | 1              | 1              |             |          |                 | 1  |
| Palermo            | Mar. 28     | 273,000               | 133                           |              |               |           |               |                |                |             |          |                 |    |
| Paris              | Apr. 4      | 2,424,705             | 992                           |              |               | 1         |               | 1              | 4              | 12          | 21       |                 | 5  |
| Plymouth           | do          | 86,781                | 37                            |              |               |           |               |                | 1              | 1           |          | 3               | 2  |
| Prague             | Mar. 28     | 198,017               | 153                           |              |               |           |               | 2              | 2              |             |          | 4               | 1  |
| Puerto Cortez      | Apr. 8      | 1,856                 | 0                             |              |               |           |               |                |                |             |          |                 |    |
| Rotterdam          | Apr. 4      | 276,338               | 127                           |              |               |           |               | 2              |                |             |          | 1               |    |
| Sagua la Grande    | do          | 17,536                | 20                            |              |               |           |               |                |                |             |          |                 |    |
| St. Georges        | Mar. 28     | 2,150                 | 0                             |              |               |           |               |                |                |             |          |                 |    |
| Do                 | Apr. 4      | 2,150                 | 0                             |              |               |           |               |                |                |             |          |                 |    |
| St. Johns, Antigua | Mar. 21     | 16,679                | 9                             |              |               |           |               |                |                |             |          |                 |    |
| Do                 | Mar. 28     | 16,679                | 16                            |              |               |           |               |                |                |             |          |                 |    |
| St. Petersburg     | Mar. 21     | 954,400               | 701                           |              |               | 4         | 1             | 33             | 28             | 10          | 38       |                 | 7  |
| St. Stephens       | Apr. 11     | 3,000                 | 1                             |              |               |           |               |                |                |             |          |                 |    |
| San Juan del Norte | Apr. 4      | 1,280                 | 1                             |              |               |           |               |                |                |             |          |                 |    |
| Schiedam           | do          | 26,233                | 11                            |              |               |           |               |                |                |             |          |                 |    |
| Sheffield          | do          | 347,169               | 110                           |              |               |           |               | 1              |                |             | 2        |                 | 10 |
| Sonneberg          | Mar. 22     | 12,150                | 6                             |              |               |           |               |                |                |             |          |                 |    |
| South Shields      | Apr. 4      | 78,391                | 23                            |              |               |           |               |                |                |             |          |                 |    |
| Stettin            | Mar. 27     | 140,000               |                               |              |               |           |               |                | 1              | 2           |          |                 |    |
| Stuttgart          | Apr. 2      | 158,378               | 51                            |              |               |           |               | 2              |                | 1           |          |                 |    |
| Sunderland         | Apr. 4      | 140,386               | 49                            |              |               |           |               |                |                |             | 12       |                 |    |
| Swansea            | Mar. 14     | 95,370                | 19                            |              |               |           |               |                | 1              |             |          |                 |    |
| Do                 | Mar. 21     | 95,370                | 29                            |              |               | 1         |               |                |                |             |          |                 |    |
| Do                 | Mar. 28     | 95,370                | 26                            |              |               |           |               | 1              |                |             |          |                 | 1  |
| Do                 | Apr. 4      | 95,370                | 34                            |              |               |           |               |                |                |             |          |                 |    |
| Tegucigalpa        | Mar. 21     | 12,000                | 5                             |              |               |           |               |                |                |             |          |                 |    |
| Do                 | Mar. 28     | 12,000                | 3                             |              |               |           |               |                |                |             |          |                 |    |
| Trapani            | do          | 43,095                | 14                            |              |               |           |               |                |                | 1           |          |                 |    |
| Trieste            | do          | 158,314               | 76                            |              |               |           |               |                |                |             | 2        | 1               |    |
| Truxillo           | Mar. 21     | 4,000                 | 1                             |              |               |           |               |                |                |             |          |                 |    |
| Do                 | Mar. 28     | 4,000                 | 0                             |              |               |           |               |                |                |             |          |                 |    |
| Tuxpan             | do          | 10,280                | 13                            |              |               |           |               |                |                |             |          | 1               |    |
| Do                 | Apr. 4      | 10,280                | 6                             |              |               | 4         |               |                |                |             |          | 2               |    |
| Venice             | Mar. 28     | 169,636               | 104                           |              |               | 2         |               |                |                |             |          | 11              |    |
| Vera Cruz          | Apr. 9      | 27,065                | 19                            |              |               |           |               | 2              |                |             |          |                 |    |
| Warsaw             | Mar. 21     | 553,643               | 221                           |              |               | 1         | 2             | 1              | 4              | 1           | 3        |                 |    |
| Yokohama           | Mar. 6      | 126,685               |                               |              |               |           |               | 3              |                |             | 1        |                 |    |
| Do                 | Mar. 13     | 126,685               |                               |              |               |           |               |                |                |             | 2        |                 |    |
| Do                 | Mar. 20     | 126,685               |                               |              |               |           |               |                |                |             | 1        |                 |    |

By authority of the Secretary of the Treasury :

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