

Public Health Reports

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

VOL. XIII. WASHINGTON, D. C., NOVEMBER 4, 1898. No. 44.

UNITED STATES.

Yellow fever in the South—(Continued).

It will be observed on referring to the table that yellow fever is rapidly declining in the United States.

Yellow fever in the United States as officially reported from July 1 to November 3, 1898.

| Places. | Date. | Cases. | Deaths. | Remarks. |
|-------------------------|----------------------|--------|---------|----------|
| Louisiana: | | | | |
| Alexandria..... | To Oct. 15..... | 200 | 2 | |
| Amite City..... | do..... | 1 | 1 | |
| Baton Rouge..... | do..... | 176 | 4 | |
| Baton Rouge, East..... | Oct. 17..... | | | |
| Baton Rouge, West..... | do..... | | | |
| Bowie..... | Oct. 6..... | 1 | | |
| Cinclare..... | To Oct. 15..... | 11 | 1 | |
| Delogny..... | Oct. 1..... | 1 | | |
| Feliciana, East..... | To Oct. 17..... | | | |
| Feliciana, West..... | do..... | | | |
| Franklin..... | To Oct. 6..... | 375 | 7 | |
| | Oct. 7-Oct. 13..... | 166 | 1 | |
| | Oct. 14-Oct. 20..... | 66 | 1 | |
| Harveys Canal..... | To Oct. 6..... | 14 | 3 | |
| Houma..... | To Oct. 15..... | 40 | 2 | |
| Ibererville..... | Oct. 17..... | | | |
| Jackson..... | To Oct. 15..... | 15 | 0 | |
| Jefferson Parish..... | To Sept. 20..... | 5 | 0 | |
| Lake Charles..... | To Oct. 15..... | 1 | 0 | |
| Lobdell..... | Oct. 12..... | | | |
| Lutcher..... | To Oct. 15..... | 14 | 2 | |
| New Orleans..... | do..... | 74 | 19 | |
| Plaquemine..... | do..... | 6 | 1 | |
| St. Charles Parish..... | Oct. 4..... | | | |
| St. James Parish..... | Oct. 1..... | 1 | | |
| Wilson..... | To Oct. 15..... | 303 | 7 | |
| Mississippi: | | | | |
| Canton..... | To Oct. 15..... | 4 | | |
| | Oct. 17-Oct. 26..... | 5 | | |
| Clinton..... | To Oct. 15..... | 40 | 0 | |
| Crystal Springs..... | Oct. 11-Oct. 21..... | 7 | | |
| Edwards (vicinity)..... | To Oct. 6..... | 6 | | |
| | Oct. 7-Oct. 16..... | 6 | 1 | |
| Fayette..... | Oct. 6-Oct. 13..... | 5 | | |

Yellow fever in the United States, etc.—Continued.

| Places. | Date. | Cases. | Deaths. | Remarks. |
|-------------------------------|-----------------------|--------|---------|----------|
| Mississippi—Continued. | | | | |
| Harrison. | To Oct. 6..... | 42 | 4 | |
| | Oct. 7-Oct. 13..... | 66 | 1 | |
| | Oct. 14-Oct. 20..... | 16 | 1 | |
| | Oct. 21-Oct. 26..... | 5 | 1 | |
| | Oct. 27..... | 1 | | |
| | Oct. 28..... | 3 | | |
| | Oct. 29..... | 1 | 1 | |
| Hattiesburg. | Oct. 8-Oct. 13..... | 18 | | |
| | Oct. 14-Oct. 20..... | 15 | 3 | |
| | Oct. 21..... | 2 | | |
| Hermanville. | To Oct. 13..... | 3 | | |
| Jackson. | To Oct. 6..... | 41 | 4 | |
| | Oct. 7-Oct. 13..... | 61 | 1 | |
| | Oct. 14-Oct. 20..... | 52 | 1 | |
| | Oct. 21-Oct. 27..... | 35 | 3 | |
| | Oct. 28..... | 5 | | |
| | Oct. 29..... | 4 | | |
| | Oct. 30..... | 1 | 1 | |
| | Oct. 31..... | 5 | | |
| | Nov. 1..... | 1 | | |
| | Nov. 2..... | 1 | 1 | |
| Madison and vicinity. | Oct. 6-Oct. 13..... | 45 | | |
| | Oct. 14-Oct. 20..... | 8 | | |
| | Oct. 21-Oct. 27..... | 26 | | |
| | Oct. 28..... | 6 | | |
| | Oct. 29..... | 1 | | |
| | Oct. 30..... | 1 | | |
| | Oct. 31..... | 4 | | |
| Meridian. | Oct. 15-Oct. 17..... | 3 | | |
| Natchez. | Oct. 7-Oct. 13..... | 8 | | |
| | Oct. 14-Oct. 19..... | 17 | 1 | |
| | Oct. 20-Oct. 23..... | 5 | 1 | |
| | Oct. 24-Oct. 29..... | 5 | 2 | |
| | Oct. 30..... | 1 | | |
| | Nov. 2..... | 1 | | |
| Orwood. | To Oct. 6..... | 79 | 4 | |
| | Oct. 7-Oct. 13..... | 6 | 1 | |
| | Oct. 14-Oct. 26..... | 14 | | |
| | Oct. 27..... | 1 | | |
| Oxford. | To Oct. 10..... | 56 | 9 | |
| | Oct. 11-Oct. 19..... | 21 | 3 | |
| | Oct. 22-Oct. 26..... | 7 | | |
| | Oct. 27..... | 2 | | |
| Poplarville. | Oct. 9-Oct. 18..... | 24 | 1 | |
| Port Gibson. | Oct. 6..... | 1 | 1 | |
| Queen Hill. | Oct. 15..... | 1 | 1 | |
| Ridgeland. | Oct. 8-Oct. 17..... | 7 | | |
| Starkville. | Sept. 28-Oct. 18..... | 9 | | |
| Taylors. | To Oct. 6..... | 100 | 11 | |
| | Oct. 7-Oct. 13..... | 4 | 2 | |
| | Oct. 15-Oct. 21..... | 2 | 1 | |
| Tougaloo. | Oct. 16-Oct. 17..... | 2 | | |
| Waterford. | To Oct. 6..... | 2 | | |
| Water Valley. | To Oct. 6..... | 10 | | |
| | Oct. 20-Oct. 21..... | 2 | | |
| Waveland. | Oct. 10-Oct. 18..... | 20 | 1 | |
| Woodville. | To Oct. 6..... | 1 | | |
| Yazoo City. | Oct. 16-Oct. 24..... | 24 | | |

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

Case of yellow fever on steamship City of Washington.

HABANA, CUBA, October 28, 1898.

SIR: I have the honor to report that yesterday afternoon Assistant Sanitary Inspector D. E. Dudley inspected the Ward Line steamship *City of Washington*, which was about to depart for New York, and on inspection found one of the crew, a fireman, suffering from yellow fever.

The vessel arrived here from New York, Sunday, October 23, and the man was taken sick the following Tuesday night. When seen he had temperature of 40 degrees, pulse at 90, gastric disturbance, and

slight icterus. He was removed from ship, and vessel proceeded to New York.

Very respectfully,

W. F. BRUNNER,

Sanitary Inspector, U. S. M. H. S.

The SUPERVISING SURGEON-GENERAL,

U. S. Marine-Hospital Service.

Smallpox on steamer Wilhelm at Buffalo, N. Y.

BUFFALO, N. Y., October 26, 1898.

SIR: The steamer *Wilhelm* arrived here yesterday from Ashland, Wis., having on board a case of well-marked smallpox.

The man, Charles Bristol, has been removed to the quarantine hospital, the steamer sent to the breakwater and quarantined, the crew vaccinated and the ship fumigated and thoroughly cleansed.

Respectfully submitted,

ERNEST WENDE,

Health Commissioner.

Smallpox in Pennsylvania.

PHILADELPHIA, PA., October 29, 1898.

SIR: Since my last report of October 20, 1898, 3 cases of smallpox have occurred in East Vincent Township, Chester County, confined to the same family in which 2 cases and 1 death were previously reported.

Yours, very truly,

BENJAMIN LEE, M. D.,

Secretary.

Smallpox in Norfolk, Va.

NORFOLK, VA., October 31, 1898.

SIR: I have the honor to report 2 more cases of smallpox in the city, 1 discovered on Thursday and 1 on Saturday last. They were transferred to the city pesthouse, and the houses in which they were found quarantined. The total number of cases to date is 14, all of which have been treated in the city pesthouse.

I have been informed that there are 60 cases in the county pesthouse, but suspect that the report has been exaggerated.

I think the local authorities are competent to cope with the disease in this city.

Respectfully yours,

EDWD. E. FEILD,

Acting Assistant Surgeon, U. S. M. H. S.

Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, January 1 to November 4, 1898.

| Places. | Date. | Cases. | Deaths. | Remarks. |
|--|----------------------|--------|---------|------------------------|
| Alabama: | | | | |
| Bessemer..... | Jan. 6-Feb. 19.... | 143 | ..... |  |
| Birmingham..... | Jan. 6-Feb. 19.... | 47 | ..... |  |
| | May 13..... | 15 | ..... |  |
| In Jefferson county, outside of the city..... | Feb. 6-Feb. 19.... | 26 | ..... |  |
| Carneys Bluff..... | Feb. 17..... | ..... |  | Smallpox reported. |
| Cedarville..... | Aug. 1-Sept. 29.... | 50 | ..... |  |
| Corona..... | Mar. 4..... | 1 | ..... |  |
| Dallas County (near Selma)..... | Oct. 20..... | 15 | ..... |  |
| Dolomite..... | Dec. 1-Jan. 17.... | 21 | ..... |  |
| Dwight, Washington County | Aug. 16-Sept. 12.... | 12 | 1 | |
| Gosport..... | Feb. 17..... | ..... |  | Do. |
| Glendon..... | Feb. 17..... | ..... |  | Do. |
| Haynesville..... | Mar. 11..... | 400 | ..... |  |
| Horse Creek Mine..... | Mar. 4..... | 3 | ..... |  |
| Hurricane Bayou..... | Mar. 31-June 12.... | 30 | ..... |  |
| Jackson..... | Feb. 17..... | 10 | ..... |  |
| Letohatchie..... | May 18..... | 50 | ..... |  |
| Mobile..... | July 30..... | 25 | ..... | Three miles from town. |
| | Feb. 5-June 15.... | 82 | 1 | |
| | July 1-Aug. 17.... | 9 | ..... |  |
| Montevallo..... | Mar. 8..... | 1 | ..... |  |
| Montgomery..... | June 29..... | 2 | ..... |  |
| Newton..... | Jan. 15-Feb. 2.... | 7 | ..... |  |
| Nicholas..... | Feb. 17..... | ..... |  | Smallpox reported. |
| Oxmar..... | Jan. 19..... | ..... |  | Do. |
| Patton..... | Feb. 1-Mar. 4.... | 9 | ..... |  |
| Pineyard..... | Feb. 2..... | 50 | ..... |  |
| Port Deposit..... | May 18..... | 1 | ..... |  |
| Rock Springs..... | Mar. 11..... | 15 | ..... |  |
| Salitpa..... | Feb. 17..... | ..... |  | Do. |
| Selma..... | Jan. 18-Feb. 14.... | 3 | ..... |  |
| Shelby..... | Oct. 13..... | 1 | ..... |  |
| Talladega..... | Jan. 28-Apr. 22.... | 8 | ..... |  |
| Walker Springs..... | Jan. 9-Feb. 15.... | 45 | ..... |  |
| Wayne County..... | Feb. 17..... | ..... |  | Do. |
| Whistler..... | June 23-July 1.... | 2 | ..... |  |
| | June 4-June 15.... | 1 | ..... |  |
| Arkansas : | | | | |
| Beebe..... | June 30..... | 1 | ..... |  |
| Conway..... | Sept. 28..... | 3 | ..... |  |
| Fair Oaks..... | Mar. 1..... | 5 | ..... |  |
| Hot Springs..... | June 30..... | 2 | ..... |  |
| Little Rock and vicinity..... | Mar. 31-May 20.... | 110 | 1 | |
| Newport..... | Apr. 28..... | 1 | ..... |  |
| Sweet Home..... | May 20..... | 11 | 1 | |
| Colorado : | | | | |
| Boulder County..... | June 24-July 26.... | 5 | ..... |  |
| Colorado Canon..... | Aug. 8..... | 7 | ..... |  |
| Las Animas County..... | July 26..... | 5 | ..... |  |
| District of Columbia : | | | | |
| Washington..... | Feb. 7..... | 1 | ..... | Naval Hospital. |
| | Apr. 2-May 5.... | 9 | ..... |  |
| | Aug. 18..... | 1 | ..... |  |
| Florida : | | | | |
| Bartow..... | June 25..... | 1 | ..... |  |
| Bluff Springs..... | June 18..... | 1 | ..... |  |
| Jacksonville..... | Mar. 20-Mar. 26.... | 1 | ..... |  |
| Pensacola..... | Apr. 24-May 11.... | 2 | ..... |  |
| Washington County..... | Jan. 24..... | 12 | ..... |  |
| Georgia : | | | | |
| Atlanta..... | Jan. 17-Feb. 16.... | 178 | 2 | Most cases from county |
| | May 27-July 27.... | 2 | ..... |  |
| Cartersville..... | Jan. 15-Mar. 1.... | 9 | 1 | |
| Griffin..... | Feb. 12..... | 2 | ..... |  |
| Macon..... | Jan. 15-June 1.... | 100 | 3 | |
| Stilesboro..... | Jan. 15..... | ..... |  | Smallpox reported. |
| Illinois : | | | | |
| Chicago..... | May 4..... | 1 | ..... |  |
| Indiana : | | | | |
| Evansville..... | Feb. 26..... | 1 | ..... |  |
| Kansas : | | | | |
| Fort Scott..... | Sept. 15..... | 1 | ..... |  |
| Kentucky : | | | | |
| Butler..... | Feb. 8-Feb. 24.... | 1 | ..... |  |
| Louisville..... | Apr. 16..... | 1 | ..... |  |
| Middlesborough..... | Feb. 3-Apr. 7.... | 183 | 2 | |
| Laurel County..... | July 20..... | ..... |  | Do. |
| Clay County..... | July 20..... | ..... |  | Do. |
| Jackson County..... | July 20..... | ..... |  | Do. |

Smallpox in the United States, etc.—Continued.

| Places. | Date. | Cases. | Deaths. | Remarks. |
|--|------------------------|--------|---------|--|
| Louisiana: | | | | |
| New Orleans..... | Mar. 18-May 21..... | 5 | | |
| Massachusetts: | | | | |
| Greenfield..... | Feb. 5-Feb. 22..... | 1 | | |
| Westfield..... | Feb. 20-Mar. 2..... | 1 | | |
| Michigan: | | | | |
| Detroit..... | Sept. 17-Sept. 27..... | 6 | | |
| Ionia..... | Oct. 2-Oct. 8..... | 1 | 1 | |
| Otsego..... | Mar. 20-Apr. 23..... | | | Smallpox reported. Do. |
| Royal Oak..... | Sept. 10..... | | | |
| Seneca Township..... | Feb. 12-Mar. 12..... | 1 | | |
| | Aug. 6..... | 1 | | |
| | Aug. 27..... | | | Do. |
| Mississippi: | | | | |
| Basin..... | May 16..... | 7 | | |
| Chicora..... | June 23-July 1..... | | | Cases reported. |
| Denny..... | May 16-May 31..... | 19 | | |
| Hattiesburg..... | June 4-June 15..... | 4 | | |
| Hendersons Point..... | Feb. 8..... | 3 | | |
| Laurel | May 28-July 28..... | 11 | | |
| Meridian..... | July 28..... | 2 | | |
| Moss Point..... | Feb. 15..... | 1 | | |
| Ocean Springs..... | Feb. 20..... | 3 | | |
| Prairie..... | June 4-June 15..... | | | Several cases. |
| State Line..... | June 23-July 1..... | 1 | | |
| Shubuta, Clark County..... | May 28-June 15..... | 50 | | |
| New Jersey: | | | | |
| Westfield..... | Mar. 4..... | 1 | | |
| New Mexico: | | | | |
| Albuquerque and vicinity..... | Mar. 5-Sept. 4..... | 52 | 8 | Smallpox reported prevalent along the line of the Santa Fe R. R. August 4, 1898. |
| New York: | | | | |
| Buffalo..... | May 21-June 18..... | 1 | | |
| Deposit..... | Nov. 1-Nov. 30..... | 1 | | |
| Livonia..... | July | 1 | | |
| New York City | May 14-May 21 | 1 | | |
| Waverley..... | July | 5 | | |
| North Carolina: | | | | |
| Alamance County..... | Feb. 18-Feb. 25..... | 1 | | |
| Asheville..... | Apr. 14-July 19..... | 1 | | |
| Buncombe County..... | Apr. 16..... | 1 | | |
| Catawba..... | July 19..... | 6 | | |
| Charlotte..... | Jan. 25-Feb. 12..... | 4 | | |
| Clay County..... | Feb. 15-Feb. 24..... | 3 | | |
| Cleveland..... | July 19 | 7 | | |
| Durham..... | do | 1 | | |
| Elmwood | do | 2 | | |
| Iredell County..... | May 19-June 2..... | 9 | | |
| Mooresville | July 19 | 1 | | |
| Reidsville..... | do | 1 | | |
| Wilmington..... | Jan. 12..... | 1 | | |
| Wilson County..... | May 28..... | 1 | | |
| Ohio: | | | | |
| Bays..... | July 14..... | 2 | | |
| Cincinnati..... | May 5..... | 1 | | |
| Columbus..... | Oct. 8..... | 3 | | |
| Dayton..... | Apr. 16-Apr. 22..... | 1 | | |
| | Sept. 23..... | 1 | | |
| Delphos..... | Oct. 8..... | 1 | | |
| Fairfield County..... | May 4-July 14..... | 15 | | |
| Goshen..... | Apr. 8-May 11..... | 12 | 1 | |
| New Paris..... | July 28 | 15 | | |
| Oberlin..... | Oct. 8..... | 1 | | |
| Put-in-Bay..... | do | 1 | | |
| Sandusky..... | Sept. 6..... | 26 | | |
| St. Marys..... | Oct. 8..... | 1 | | |
| Uniopolis..... | do | 2 | | |
| Van Wert..... | June 23-July 15..... | 13 | | |
| Wapakoneta..... | Oct. 8..... | 20 | | |
| Pennsylvania: | | | | |
| Chester County (near Spring City)..... | Oct. 7-Oct. 29..... | 10 | 1 | |
| Dunbar..... | June 23-July 13..... | 6 | | |
| Philadelphia..... | Apr. 13..... | 2 | | |
| Sayre, Bradford County..... | Oct. 7..... | 1 | | |
| South Carolina: | | | | |
| Arkwright..... | Mar. 25..... | 9 | | |
| Beaufort..... | Jan. 17..... | | | Smallpox reported. |

Smallpox in the United States, etc.—Continued.

| Places. | Date. | Cases. | Deaths. | Remarks. |
|----------------------------------|-----------------------|---------|---------|----------|
| South Carolina—Continued. | | | | |
| Charleston..... | Apr. 22..... | 1..... | | |
| Columbia..... | Apr. 6-May 2..... | 86..... | | |
| Dyson | Mar. 25..... | 3..... | | |
| Greenville..... | Jan. 17 | | | |
| Orangeburg..... | Jan. 17 | | | |
| Pelham | Mar. 26..... | 20..... | | |
| Ridge Springs | Mar. 26..... | 1..... | | |
| Rock Hill | Jan. 17 | | | |
| Spartanburg | Jan. 17-July 26..... | 4..... | | |
| Sumter | May 2 | 12..... | | |
| Swansea..... | Jan. 18 | | | |
| Tennessee: | | | | |
| Bristol..... | Mar. 1-Mar. 31..... | 1..... | | |
| Chattanooga | Jan. 1-Apr. 30..... | 21..... | | |
| Cleveland | Apr. 1-Apr. 30..... | 6..... | | |
| Elk Valley..... | July 1-July 31..... | 12..... | | |
| Huntington (near)..... | Mar. 1-Mar. 31..... | 1..... | | |
| Jellico..... | Jan. 1-Jan. 29..... | 1..... | | |
| Johnson City..... | Feb. 1-Mar. 31..... | 9..... | | |
| Knoxville..... | Feb. 1-Mar. 31..... | 13..... | | |
| Lenoir City..... | Jan. 1-Apr. 30..... | 48..... | | |
| Memphis..... | Jan. 1-Feb. 28..... | 5..... | | |
| Mingo mines.. | Jan. 22-Apr. 30..... | 4..... | | |
| Mingo | July 1-July 31..... | 2..... | | |
| Morristown | Jan. 1-Jan. 29..... | 6..... | | |
| Newcomb | Feb. 1-Mar. 31..... | 8..... | | |
| Rockford..... | Feb. 1-Mar. 31..... | 6..... | | |
| Rutledge..... | Feb. 1-Mar. 31..... | 1..... | | |
| Shields Ferry | Mar. 1-Mar. 31..... | 14..... | | |
| Sprawles..... | Mar. 1-Mar. 31..... | 4..... | | |
| Texas: | | | | |
| Brownsville..... | Feb. 26..... | 1..... | | |
| Columbus..... | Feb. 2-Apr. 2..... | 30..... | 7..... | Do. |
| Virginia: | | | | |
| Colburn | Feb. 1 | | | |
| Norfolk | Mar. 1-Mar. 10..... | 2..... | | |
| Norton..... | Sept. 19-Oct. 31..... | 14..... | | |
| West Virginia: | | | | |
| Bluefield | Feb. 1 | | | |
| Fayette County..... | Feb. 25 | 5..... | | |
| Mercer County..... | May 6..... | 8..... | | |
| McDowell County..... | May 6..... | 6..... | | |
| Wisconsin: | | | | |
| Milwaukee | May 6..... | 12..... | | |
| Oshkosh | May 19..... | 1..... | | |
| Wausau | Apr. 28..... | 1..... | | |
| | Oct. 12..... | 1..... | | |

*Report of Immigration at Boston for the week ended October 29, 1898.***OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Boston, October 31, 1898.***Number of alien immigrants who arrived at this port during the week ended October 29, 1898;
also names of vessels and ports from which they came.*

| Date. | Vessel. | Where from. | No. of immigrants. |
|---------|------------------------------|----------------------------|--------------------|
| Oct. 23 | Steamship Boston..... | Yarmouth, Nova Scotia..... | 80 |
| Oct. 24 | Steamship Beverly..... | Port Antonio, Jamaica..... | 1 |
| Oct. 25 | Steamship Sachem..... | Liverpool, England..... | 9 |
| Oct. 26 | Steamship Prince Edward..... | Yarmouth, Nova Scotia..... | 59 |
| Do..... | Steamship Philadelphian..... | Liverpool, England..... | 11 |
| Oct. 27 | Steamship Boston..... | Yarmouth, Nova Scotia..... | 102 |
| Oct. 28 | Steamship Halifax..... | Halifax, Nova Scotia..... | 91 |
| Do..... | Steamship Bostonian..... | London, England..... | 1 |
| Oct. 29 | Steamship Prince Edward..... | Yarmouth, Nova Scotia..... | 62 |
| Do..... | Steamship New England..... | Liverpool, England..... | 417 |
| Do..... | Steamship Carinthia..... | do..... | 7 |
| | Total..... | | 840 |

**GEORGE B. BILLINGS,
Commissioner.***Report of immigration at New York for the week ended October 22, 1898.***OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of New York, October 26, 1898.***Number of alien immigrants who arrived at this port during the week ended October 22, 1898;
also names of vessels and ports from which they came.*

| Date. | Vessel. | Where from. | No. of immigrants. |
|---------|---------------------------------|-------------------------------|--------------------|
| Oct. 16 | Steamship Phenicia..... | Hamburg..... | 227 |
| Do..... | Steamship Umbria..... | Liverpool and Queenstown..... | 342 |
| Oct. 17 | Steamship La Navarre | Harve | 443 |
| Do..... | Steamship Tartar Prince | Naples..... | 995 |
| Oct. 18 | Steamship Anchoria..... | Glasgow..... | 139 |
| Oct. 19 | Steamship Kensington..... | Antwerp..... | 214 |
| Do..... | Steamship Koenigin Luise..... | Bremen..... | 277 |
| Do..... | Steamship Spaarndam..... | Rotterdam..... | 223 |
| Oct. 20 | Steamship Teutonic..... | Liverpool and Queenstown..... | 618 |
| Do..... | Steamship Amsterdam | Amsterdam..... | 57 |
| Do..... | Steamship Norge | Copenhagen, etc..... | 132 |
| Do..... | Steamship Kaiser Friedrich..... | Bremen | 478 |
| Do..... | Steamship Werra | Genoa and Naples..... | 429 |
| Oct. 21 | Steamship Pennsylvania | Hamburg | 289 |
| Oct. 22 | Steamship Lucania..... | Liverpool and Queenstown..... | 581 |
| Do..... | Steamship Victoria | Naples..... | 716 |
| Do..... | Steamship Vega..... | Lisbon and the Azores..... | 173 |
| | Total..... | | 6,333 |

**THOMAS FITCHIE,
Commissioner.**

*Report of immigration at New York for the week ended October 29, 1898.***OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of New York, October 31, 1898.***Number of alien immigrants who arrived at this port during the week ended October 29, 1898;
also names of vessels and ports from which they came.*

| Date. | Vessel. | Where from. | No. of immigrants. |
|---------|------------------------------------|-------------------------------|--------------------|
| Oct. 24 | Steamship Belgenland..... | Southampton | 81 |
| Do.... | Steamship Maasdam..... | Rotterdam..... | 226 |
| Do.... | Steamship Furnessia..... | Glasgow | 180 |
| Do.... | Steamship La Normandie..... | Havre..... | 436 |
| Do.... | Steamship Neuustria | Marseilles and Naples..... | 403 |
| Oct. 26 | Steamship Noordland..... | Antwerp | 223 |
| Oct. 27 | Steamship Pennland | Southampton..... | 63 |
| Do.... | Steamship Ems..... | Genoa and Naples..... | 508 |
| Oct. 28 | Steamship Sasle..... | Bremen..... | 240 |
| Do.... | Steamship Weimar..... | do | 191 |
| Do.... | Steamship State of California..... | Glasgow | 28 |
| Do.... | Steamship California..... | Marseilles and Naples..... | 790 |
| Oct. 29 | Steamship Britannic..... | Liverpool and Queenstown..... | 310 |
| Do.... | Steamship Augusta Victoria..... | Hamburg..... | 261 |
| | Total..... | | 3,940 |

**THOMAS FITCHIE,
Commissioner.***Report of immigration at Philadelphia for the week ended October 29, 1898.***OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Philadelphia, October 29, 1898.***Number of alien immigrants who arrived at this port during the week ended October 29, 1898;
also names of vessels and ports from which they came.*

| Date. | Vessel. | Where from. | No. of immigrants. |
|---------|-------------------------|-------------------------------|--------------------|
| Oct. 25 | Steamship Aragonia..... | Liverpool and Queenstown..... | 108 |
| | Total..... | | 108 |

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

QUARANTINE REPORTS.

National quarantines and inspection stations.

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

Q U A R A N T I N E R E P O R T S—C o n t i n u e d .
National quarantine and inspection stations—Continued.

| Name of station. | Week ended. | Name of vessel. | Date of arrival. | Port of departure. | Destination. | Treatment of vessel, passengers, and cargo. | Date of departure. | Remarks. | Vessels inspected and passed. |
|--|-------------|--|---------------------|----------------------------|---|---|--------------------|---|-------------------------------|
| Tortugas Quarantine, Key West, Fla. | Oct. 22 | A.m. brig. Pedro (a) Nor. ss. John Wil- son. (a) | Sept. 29 Oct. 13 | Habana | Mobile | Disinfected..... | Oct. 16 | 1 case of dengue in quarantine. Without pratique at re- quest of master. | ..... |
| | | Nor. bk. Ther- muis. | Oct. 18 | Bahia..... | Mobile via Bocea del Toro. Carabelle | Held for disinfection..... | ..... | ..... | ..... |
| | | A.m. bk. Sullivan. Nor. bk. Morland | Oct. 20 Oct. 22 | Cardenas..... Para..... | Mobile | do..... | ..... | ..... | ..... |
| Washington, N. C | Oct. 29 | ..... | ..... | ..... | ..... | ..... | ..... | No transactions. | ..... |

a Previously reported.

QUARANTINE REPORTS—Continued.

State and municipal quarantine stations.

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

| Name of station. | Week ended. | Name of vessel. | Date of arrival. | Port of departure. | Destination. | Treatment of vessel, passengers, and cargo. | Date of departure. | Remarks. | Vessels inspected and passed. |
|----------------------------|-------------|---------------------------|------------------|---------------------------|--------------|---|--------------------|-----------------------|-------------------------------|
| Mobile Bay, Ala. | Oct. 29 | do. | do. | do. | do. | do. | do. | No report. | 36 |
| New Bedford, Mass. | do. | do. | do. | do. | do. | do. | do. | No report. | do. |
| New Orleans, La. | do. | do. | do. | do. | do. | do. | do. | No report. | do. |
| Newport, R. I. | Oct. 22 | do. | do. | do. | do. | do. | do. | No report. | 17 |
| New York, N. Y. | Oct. 22 | do. | do. | do. | do. | do. | do. | No report. | 4 |
| Pass Cavallo, Tex. | Oct. 22 | do. | do. | do. | do. | do. | do. | No report. | 16 |
| Providence, R. I. | Oct. 22 | do. | do. | do. | do. | do. | do. | No report. | do. |
| Round Island, Miss. | Oct. 22 | do. | do. | do. | do. | do. | do. | No report. | do. |
| St. Helena Entrance, S. C. | Oct. 22 | do. | do. | do. | do. | do. | do. | No report. | do. |
| San Pedro, Cal. | Oct. 22 | Nor. Br. Ole Smith Plong. | Oct. 8 | Nor. Br. Ole Smith Plong. | do. | do. | do. | No report. | 2 |
| Savannah, Ga. | Oct. 22 | do. | do. | do. | do. | do. | do. | No transactions. | 4 |
| St. Helena Bar-Savannah | Oct. 17 | do. | do. | do. | do. | do. | do. | No transactions. | 18 |
| Tampa Bay, Fla. | Oct. 29 | do. | do. | do. | do. | do. | do. | Held for observation. | 18 |
| Barbados. | do. | do. | do. | do. | do. | do. | do. | Held for observation. | do. |

Reports of States and yearly and monthly reports of cities.

NEW JERSEY—*Paterson.*—Month of September, 1898. Estimated population, 112,712. Total number of deaths, 174, including diphtheria, 5; enteric fever, 5; whooping cough, 8, and 17 from phthisis pulmonalis.

NEW YORK.—Reports to the State board of health, Albany, for the month of September, 1898, from 168 cities, towns, and villages, show a total of 11,481 deaths, including diphtheria, 135; enteric fever, 333; measles, 20; scarlet fever, 26; whooping cough, 120, and 1,076 from phthisis pulmonalis. The Monthly Bulletin says:

The total reported mortality for the month is 11,481, which is an increase of 180 over that of August, the daily average being 382 against 365. Customarily the number of deaths is less instead of greater. The increase is in diseases of the respiratory, circulatory, and nervous systems, and in deaths from violence; also, in typhoid fever and malarial diseases, diarrheal diseases having decreased by about 500 deaths. In the Maritime and Hudson Valley districts there were fewer deaths than in August; in all the other districts there is a reported increase. Compared with September, 1897, there is an increase in the total mortality by 2,000 deaths, the increase being in all the sanitary districts, and showing itself, among zymotic diseases, in typhoid fever, malarial diseases, whooping cough, and diarrhea, and among local diseases in those of the digestive and nervous systems, also in deaths from violence, and from unclassified diseases. The increase is also about 2,000 above the average for this month for the past ten years. The infant mortality is 500 less than in August, but is very much above the average for the month. Zymotic diseases caused 23 per cent of the total mortality, against 25.5 in August, and 19 in last September. Diarrheal diseases caused nearly 500 fewer deaths than in August, but 600 more than the average for the month; this increase is in all the sanitary districts, but chiefly in those having large rural population; the customary increase in diarrheal mortality in the early fall in the country, in contrast with its incidence in the early summer in the cities, being more marked than usual. Typhoid fever has a larger general prevalence than usual, 333 deaths, being double that of last September, and the increase is in all parts of the State, there being nowhere a special epidemic. Malarial diseases have a large increase in the Maritime district. Scarlet fever and measles have little prevalence, and diphtheria continues to cause but few deaths. Smallpox, in the very mild form previously reported, has been detected at Dunkirk, Genesseeo, Conesus, Elmira, McLean, and Machias since last month. The origin has apparently been from cases unrecognized because of its mildness in this and adjoining States, which report a similar prevalence to our own. An inspector from this board has been detailed for the exclusive duty of finding and suppressing it. The average temperature for the month was 2.5° above the average; the relative humidity was 75 per cent; southwesterly winds prevailing of moderate velocity; there were 15 clear days on an average for the month, and but 6 cloudy; the rainfall was 3 inches or nearly normal. Ninety-six deaths returned from Montauk Point Hospital (46 from typhoid fever, 23 from malaria, and 17 from dysentery) are not included in this report.

OHIO.—Reports to the State board of health during the five weeks ended October 1, 1898, from 54 localities, having an aggregate population of 1,149,773, show 27 deaths from diphtheria, 35 from enteric fever, 2 from measles, 3 from scarlet fever, and 1 from whooping cough.

THE SMALLPOX SITUATION IN OHIO.

At a meeting of the State board of health, held October 12, 1898, the secretary, in his quarterly report, presented the following account of outbreaks of smallpox in Ohio, which have occurred since the Put-in-Bay outbreak mentioned in the last number of the Bulletin:

Early in September, and at different times, 3 cases of smallpox were reported at Cincinnati. The origin of the disease could not be learned. The patients were removed to the branch hospital, and no other cases were reported there.

On September 20 I was summoned to Dayton, by telegram from the health officer, to see a case of smallpox. The patient was a servant in a family living in the central part of the city. The patient was in the first day of the eruption, but the disease was declared smallpox, and she was at once removed to the smallpox hospital. The origin was not then known, although it was learned that the patient had visited Wapakoneta two weeks before. Smallpox was not then known to exist in Wapakoneta. There has been no spread of the disease at Dayton.

On September 22 a case of smallpox was reported in Sandusky. The patient had come from Hotel Victory, Put-in-Bay, but seven weeks before being taken ill. Quarantine and vaccination of exposed persons prevented extension of the disease.

On September 26 the health officer of Oberlin reported a case of smallpox by telegram. In a letter following he stated that the patient was a traveling man for a grocery house in Toledo. The man came to Oberlin September 21, sick at the time, and his disease was diagnosed smallpox on the 26th. Proper precautions were taken and the disease did not spread. Origin unknown.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

| Cities. | Week ended. | Population, U. S. Census of 1890. | Total deaths from all causes. | Deaths from— | | | | | | | |
|----------------------|-------------|--------------------------------------|----------------------------------|---------------------------|-----------|------------|----------|---------------|----------------|----------------|-------------|
| | | | | Phthisis pul- monalis. | Smallpox. | Varioloid. | Cholera. | Typhus fever. | Enteric fever. | Scarlet fever. | Diphtheria. |
| Allegheny, Pa. | Oct. 28. | 105,287 | 37 | 3 | ... | ... | ... | ... | 1 | 2 | ... |
| Ashfield, Ohio | Oct. 29. | 8,328 | 3 | ... | ... | ... | ... | ... | ... | 1 | ... |
| Binghamton, N. Y. | do | 35,005 | 8 | 19 | 4 | ... | ... | ... | ... | ... | ... |
| Boston, Mass. | do | 448,477 | 182 | 22 | 4 | ... | ... | 8 | 2 | ... | 3 |
| Cambridge, Mass. | do | 70,028 | 19 | ... | ... | ... | ... | ... | ... | ... | ... |
| Charleston, S. C. | Oct. 22. | a 54,955 | 564 | 6 | ... | ... | ... | 2 | 1 | ... | 1 |
| Chicago, Ill. | Oct. 29. | 1,099,850 | 343 | 27 | ... | ... | ... | 11 | 2 | 14 | 1 |
| Cleveland, Ohio. | Oct. 22. | 261,353 | 73 | 2 | ... | ... | ... | 11 | 5 | 1 | ... |
| Concord, N. H. | do | 17,044 | 6 | ... | ... | ... | ... | ... | ... | ... | ... |
| Dayton, Ohio. | Oct. 29. | 61,220 | 26 | 3 | ... | ... | ... | ... | ... | ... | ... |
| Denver, Colo. | Oct. 1. | 106,713 | 28 | 9 | ... | ... | ... | 1 | 1 | ... | 1 |
| Do | Oct. 8. | 106,713 | 37 | 7 | ... | ... | ... | 2 | 2 | ... | ... |
| Do | Oct. 15. | 106,713 | 31 | 6 | ... | ... | ... | ... | ... | ... | ... |
| Do | Oct. 22. | 106,713 | 24 | 5 | ... | ... | ... | 3 | 1 | ... | ... |
| Detroit, Mich. | do | 205,876 | 96 | 8 | ... | ... | ... | 2 | 5 | ... | 1 |
| Dubois, Pa. | do | 6,149 | 2 | ... | ... | ... | ... | ... | ... | ... | ... |
| Dunkirk, N. Y. | do | 9,416 | 4 | ... | ... | ... | ... | ... | ... | ... | ... |
| Erie, Pa. | Oct. 29. | 40,634 | 10 | 2 | ... | ... | ... | ... | ... | 1 | ... |
| Everett, Mass. | Oct. 22. | 11,068 | 9 | 1 | ... | ... | ... | ... | ... | ... | ... |
| Fitchburg, Mass. | do | 22,037 | 8 | 1 | ... | ... | ... | ... | ... | ... | ... |
| Flint, Mich. | Oct. 29. | 9,803 | 1 | ... | ... | ... | ... | ... | ... | ... | ... |
| Green Bay, Wis. | Oct. 22. | 9,069 | 6 | ... | ... | ... | ... | 2 | ... | ... | 1 |
| Haverhill, Mass. | Oct. 29. | 27,412 | 3 | ... | ... | ... | ... | ... | ... | ... | ... |
| Hoboken, N. J. | do | 43,648 | 24 | ... | ... | ... | ... | 1 | 3 | ... | 1 |
| Jacksonville, Fla. | Oct. 22. | 17,201 | 36 | ... | ... | ... | ... | 22 | ... | ... | ... |
| Jersey City, N. J. | Oct. 30. | 163,003 | 46 | 5 | ... | ... | ... | 2 | 1 | ... | ... |
| Johnstown, Pa. | Oct. 29. | 21,805 | 7 | ... | ... | ... | ... | ... | 1 | ... | ... |
| Kalamazoo, Mich. | Oct. 22. | 17,853 | 6 | ... | ... | ... | ... | ... | ... | ... | ... |
| Lancaster, Pa. | do | 32,011 | 12 | ... | ... | ... | ... | ... | ... | ... | ... |
| Do | Oct. 29. | 32,011 | 8 | ... | ... | ... | ... | ... | ... | ... | ... |
| Lawrence, Mass. | Oct. 22. | 44,654 | 25 | 1 | ... | ... | ... | ... | ... | 4 | ... |
| Lowell, Mass. | Oct. 29. | 77,696 | 41 | 8 | ... | ... | ... | 1 | 1 | ... | ... |
| Lynchburg, Va. | do | 19,709 | 7 | 2 | ... | ... | ... | ... | ... | ... | ... |
| McKeesport, Pa. | Oct. 22. | 20,741 | 3 | ... | ... | ... | ... | ... | ... | ... | ... |
| Manchester, N. H. | Oct. 29. | 44,126 | 16 | 1 | ... | ... | ... | ... | ... | ... | ... |
| Massillon, Ohio. | Oct. 22. | 10,092 | 2 | ... | ... | ... | ... | ... | ... | ... | ... |
| Medford, Mass. | Oct. 29. | 11,079 | 4 | ... | ... | ... | ... | ... | ... | ... | ... |
| Melrose, Mass. | Oct. 22. | 8,519 | 3 | ... | ... | ... | ... | ... | ... | ... | ... |
| Do | Oct. 29. | 8,519 | 5 | ... | ... | ... | ... | ... | ... | ... | ... |
| Michigan City, Ind. | do | 10,776 | 3 | ... | ... | ... | ... | ... | ... | ... | ... |
| Middletown, N. Y. | Oct. 23. | 11,977 | 9 | ... | ... | ... | ... | 1 | 1 | ... | ... |
| Minneapolis, Minn. | Oct. 22. | 164,738 | 38 | 4 | ... | ... | ... | 2 | ... | ... | ... |
| Nashville, Tenn. | Oct. 29. | 76,168 | 40 | 5 | ... | ... | ... | ... | 5 | ... | ... |
| New Bedford, Mass. | do | 40,733 | 20 | 2 | ... | ... | ... | 1 | ... | ... | ... |
| Newburyport, Mass. | Oct. 22. | 13,947 | 2 | ... | ... | ... | ... | ... | ... | ... | ... |
| Newport, R. I. | Oct. 29. | 19,457 | 5 | ... | ... | ... | ... | ... | ... | ... | ... |
| New York, N. Y. | do | c 3,438,899 | 1,183 | 154 | ... | ... | ... | 23 | 6 | 18 | 1 |
| Norristown, Pa. | Oct. 22. | 19,791 | 4 | ... | ... | ... | ... | ... | ... | ... | 4 |
| Do | Oct. 29. | 19,791 | 8 | ... | ... | ... | ... | ... | ... | ... | ... |
| North Adams, Mass. | do | 16,074 | 4 | ... | ... | ... | ... | 1 | ... | ... | ... |
| Omaha, Nebr. | Oct. 22. | 140,452 | 20 | ... | ... | ... | ... | ... | ... | ... | ... |
| Oneonta, N. Y. | Oct. 29. | 6,272 | 0 | ... | ... | ... | ... | ... | ... | ... | ... |
| Orange, N. J. | do | 18,344 | 11 | 1 | ... | ... | ... | ... | 2 | ... | ... |
| Petersburg, Va. | Oct. 23. | 22,680 | 11 | 7 | ... | ... | ... | 1 | ... | ... | ... |
| Do | Oct. 30. | 22,680 | 7 | ... | ... | ... | ... | ... | ... | ... | ... |
| Philadelphia, Pa. | Oct. 22. | 1,046,964 | d 381 | 36 | ... | ... | ... | 6 | 17 | 4 | 27 |
| Do | Oct. 29. | 1,046,964 | 348 | 34 | ... | ... | ... | 12 | 1 | 25 | 4 |
| Pittsburg, Pa. | Oct. 22. | 238,617 | 83 | 7 | ... | ... | ... | 2 | 1 | 5 | 1 |
| Pittsfield, Mass. | Oct. 29. | 17,281 | 8 | ... | ... | ... | ... | ... | ... | ... | ... |
| Plainfield, N. J. | do | 11,267 | 4 | ... | ... | ... | ... | 1 | ... | ... | ... |
| Portland, Me. | do | 36,425 | 22 | 3 | ... | ... | ... | ... | ... | ... | 1 |
| Pottstown, Pa. | Oct. 29. | 13,284 | 0 | ... | ... | ... | ... | ... | ... | ... | ... |
| Providence, R. I. | do | 132,146 | 46 | 8 | ... | ... | ... | 1 | 1 | 1 | 1 |
| Pueblo, Colo. | Oct. 22. | 24,558 | 7 | ... | ... | ... | ... | ... | ... | ... | ... |
| Salt Lake City, Utah | do | 44,843 | 11 | ... | ... | ... | ... | 1 | ... | ... | ... |
| San Diego, Cal. | Oct. 1. | 16,159 | 4 | ... | ... | ... | ... | ... | ... | ... | ... |
| San Jose, Cal. | Oct. 15. | 18,060 | 4 | ... | ... | ... | ... | ... | ... | ... | ... |
| Do | Oct. 22. | 18,060 | 3 | 1 | ... | ... | ... | ... | ... | ... | ... |
| Santa Barbara, Cal. | do | 5,864 | 2 | ... | ... | ... | ... | ... | ... | ... | ... |
| Shreveport, La. | Oct. 29. | 11,979 | 6 | 2 | ... | ... | ... | ... | ... | 1 | ... |

a Estimated population, 55,165—white, 28,870; colored, 26,295.

b White, 11; colored, 43.

c Estimated.

d Eleven soldiers.

e Nine soldiers.

MORTALITY TABLE, CITIES OF THE UNITED STATES—Continued.

Table of temperature and rainfall, week ended October 24, 1898.

[Received from Department of Agriculture, Weather Bureau.]

| Locality. | Temperature in degrees Fahrenheit. | | | Rainfall in inches and hun- dredths. | | |
|-----------------------------------|---------------------------------------|---------|------------|---|---------|-------------|
| | Normal. | Excess. | Defic'ncy. | Normal. | Excess. | Deficiency. |
| Atlantic Coast: | | | | | | |
| Eastport, Me. | 45 | 0 | | .97 | 1.91 | |
| Portland, Me. | 48 | 0 | | .91 | 1.62 | |
| Northfield, Vt. | 41 | 2 | | .50 | | .12 |
| Boston, Mass. | 50 | 1 | | .98 | 1.39 | |
| Vineyard Haven, Mass. | 52 | 1 | | .91 | 1.32 | |
| Nantucket, Mass. | 51 | 1 | | .91 | .12 | |
| Woods Hole, Mass. | 52 | 1 | | .93 | 1.34 | |
| Block Island, R. I. | 52 | 1 | | 1.05 | 1.46 | |
| New Haven, Conn. | 51 | | 1 | .91 | 2.15 | |
| Albany, N. Y. | 50 | | 1 | .70 | | .40 |
| New York, N. Y. | 53 | 3 | | .77 | 1.60 | |
| Harrisburg, Pa. | 51 | 0 | | .69 | 1.90 | |
| Philadelphia, Pa. | 54 | 1 | | .63 | .83 | |
| New Brunswick, N. J. | 51 | 3 | | .82 | 1.11 | |
| Atlantic City, N. J. | 55 | 1 | | .78 | .62 | |
| Baltimore, Md. | 56 | | 1 | .63 | 1.08 | |
| Washington, D. C. | 55 | | 1 | .70 | .96 | |
| Lynchburg, Va. | 56 | | 2 | .70 | 2.44 | |
| Cape Henry, Va. | 60 | 0 | | .84 | | .03 |
| Norfolk, Va. | 59 | 0 | | .84 | .20 | |
| Charlotte, N. C. | 58 | | 3 | .84 | | .29 |
| Raleigh, N. C. | 58 | | 2 | 1.20 | .13 | |
| Kittyhawk, N. C. | 62 | 0 | | .80 | 1.80 | |
| Hatteras, N. C. | 63 | 0 | | 1.35 | 4.07 | |
| Wilmington, N. C. | 62 | | 1 | .71 | 1.53 | |
| Columbia, S. C. | 62 | | 6 | .50 | .11 | |
| Charleston, S. C. | 65 | | 2 | .84 | | .48 |
| Augusta, Ga. | 62 | | 6 | .56 | .23 | |
| Savannah, Ga. | 65 | | 3 | .73 | .06 | |
| Jacksonville, Fla. | 69 | | 5 | 1.14 | .30 | |
| Jupiter, Fla. | 75 | | 3 | 1.94 | 4.49 | |
| Key West, Fla. | 78 | | 3 | 1.00 | 8.30 | |
| Gulf States: | | | | | | |
| Atlanta, Ga. | 60 | | 8 | .47 | .99 | |
| Tampa, Fla. | 72 | | 8 | .44 | .47 | |
| Pensacola, Fla. | 68 | | | .70 | | |
| Mobile, Ala. | 66 | | 8 | .72 | | .06 |
| Montgomery, Ala. | 63 | | 9 | .54 | .38 | |
| Vicksburg, Miss. | 68 | | 8 | .61 | .80 | |
| New Orleans, La. | 68 | | 8 | .66 | | .38 |
| Shreveport, La. | 62 | | 7 | .67 | 1.24 | |
| Fort Smith, Ark. | 60 | | 10 | .60 | | .41 |
| Little Rock, Ark. | 60 | | 10 | .56 | 1.83 | |
| Palestine, Tex. | 65 | | 8 | .71 | .29 | |
| Galveston, Tex. | 70 | | 3 | .84 | | .29 |
| San Antonio, Tex. | 67 | | 3 | .28 | | .25 |
| Corpus Christi, Tex. | 72 | | 5 | .37 | | .23 |
| Ohio Valley and Tennessee: | | | | | | |
| Memphis, Tenn. | 59 | | 8 | .62 | .67 | |
| Nashville, Tenn. | 57 | | 7 | .49 | 1.65 | |
| Chattanooga, Tenn. | 56 | | 9 | .52 | 1.27 | |
| Knoxville, Tenn. | 56 | | 6 | .68 | .88 | |
| Louisville, Ky. | 55 | | 6 | .67 | .20 | |
| Indianapolis, Ind. | 52 | | 7 | .64 | .77 | |
| Cincinnati, Ohio | 54 | | 4 | .58 | 1.13 | |
| Columbus, Ohio | 50 | | 2 | .61 | 1.34 | |
| Parkersburg, W. Va. | 52 | | 1 | .70 | 1.75 | |
| Pittsburg, Pa. | 53 | | 2 | .63 | 2.15 | |
| Lake Region: | | | | | | |
| Oswego, N. Y. | 49 | | 1 | .77 | .56 | |
| Rochester, N. Y. | 48 | 2 | | .69 | 1.45 | |
| Buffalo, N. Y. | 49 | 4 | | .84 | 1.17 | |
| Erie, Pa. | 51 | 0 | | .91 | .74 | |
| Cleveland, Ohio | 51 | | 1 | .63 | .98 | |
| Sandusky, Ohio | 50 | | 1 | .63 | .93 | |
| Toledo, Ohio | 50 | | 1 | .56 | .46 | |
| Detroit, Mich. | 49 | 1 | | .56 | .82 | |
| Lansing, Mich. | 48 | | 1 | .66 | .57 | |
| Port Huron, Mich. | 47 | 3 | | .63 | 1.10 | |
| Alpena, Mich. | 43 | 5 | | .84 | .71 | |
| Sault Ste. Marie, Mich. | 40 | 6 | | .76 | .69 | |
| Marquette, Mich. | 44 | 2 | | .70 | .53 | |
| Green Bay, Wis. | 45 | | 1 | .51 | .26 | |
| Grand Haven, Mich. | 46 | 1 | | .70 | 1.93 | |
| Milwaukee, Wis. | 47 | | 3 | .49 | .83 | |
| Chicago, Ill. | 49 | | 5 | .63 | .51 | |
| Duluth, Minn. | 48 | | 1 | .55 | .14 | |

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

Table of temperature and rainfall, week ended October 24, 1898—Continued.

| Locality. | Temperature in degrees Fahrenheit. | | | Rainfall in inches and hun- dredths. | | |
|----------------------------------|---------------------------------------|---------|------------|---|---------|-------------|
| | Normal. | Excess. | Defic'ncy. | Normal. | Excess. | Deficiency. |
| Upper Mississippi Valley: | | | | | | |
| St. Paul, Minn..... | 45 | ..... | 3 | .36 | .95 | ..... |
| La Crosse, Wis..... | 47 | ..... | 4 | .42 | .91 | ..... |
| Dubuque, Iowa..... | 48 | ..... | 5 | .56 | .87 | ..... |
| Davenport, Iowa..... | 50 | ..... | 7 | .70 | .10 | ..... |
| Des Moines, Iowa..... | 49 | ..... | 8 | .61 | ..... | .20 |
| Keokuk, Iowa..... | 52 | ..... | 8 | .56 | ..... | .32 |
| Hannibal, Mo..... | 54 | ..... | 12 | .62 | ..... | .35 |
| Springfield, Ill..... | 51 | ..... | 9 | .57 | 1.12 | ..... |
| Cairo, Ill..... | 56 | ..... | 8 | .65 | .03 | ..... |
| St. Louis, Mo..... | 55 | ..... | 10 | .63 | 1.03 | ..... |
| Missouri Valley: | | | | | | |
| Columbia, Mo..... | 56 | ..... | 13 | .26 | .02 | ..... |
| Springfield, Mo..... | 54 | ..... | 13 | .58 | .17 | ..... |
| Kansas City, Mo..... | 53 | ..... | 11 | .77 | ..... | .22 |
| Topeka, Kans..... | 55 | ..... | 13 | .37 | ..... | .17 |
| Wichita, Kans..... | 56 | ..... | 11 | .36 | ..... | .36 |
| Concordia, Kans..... | 52 | ..... | 10 | .32 | ..... | .32 |
| Lincoln, Nebr..... | 52 | ..... | 13 | .42 | .10 | ..... |
| Omaha, Nebr..... | 51 | ..... | 13 | .53 | .07 | ..... |
| Sioux City, Iowa..... | 50 | ..... | 12 | .42 | .04 | ..... |
| Yankton, S. Dak..... | 47 | ..... | 10 | .28 | .70 | ..... |
| Valentine, Nebr..... | 46 | ..... | 9 | .21 | ..... | .19 |
| Huron, S. Dak..... | 43 | ..... | 10 | .28 | .46 | ..... |
| Pierre, S. Dak..... | 47 | ..... | 11 | .14 | ..... | .04 |
| Moorhead, Minn..... | 40 | ..... | 4 | .41 | 1.01 | ..... |
| Bismarck, N. Dak..... | 42 | ..... | 9 | .21 | .11 | ..... |
| Williston, N. Dak..... | 40 | ..... | 8 | .21 | .04 | ..... |
| Rocky Mountain Region: | | | | | | |
| Havre, Mont..... | 41 | ..... | 7 | .14 | .57 | ..... |
| Helena, Mont..... | 44 | ..... | 3 | .21 | .31 | ..... |
| Miles City, Mont..... | 44 | ..... | 8 | .21 | .25 | ..... |
| Rapid City, S. Dak..... | 47 | ..... | 11 | .14 | .24 | ..... |
| Spokane, Wash..... | 46 | ..... | 0 | .35 | ..... | .29 |
| Walla Walla, Wash..... | 52 | 1 | ..... | .38 | ..... | .06 |
| Baker City, Oreg..... | 48 | ..... | 3 | .28 | ..... | .20 |
| Winnemucca, Nev..... | 48 | ..... | 1 | .12 | .04 | ..... |
| Idaho Falls, Idaho..... | 43 | ..... | 3 | .27 | ..... | .08 |
| Salt Lake City, Utah..... | 51 | ..... | 3 | .35 | ..... | .26 |
| Lander, Wyo..... | 41 | ..... | 2 | .21 | .57 | ..... |
| Cheyenne, Wyo..... | 43 | ..... | 4 | .14 | ..... | .05 |
| North Platte, Nebr..... | 47 | ..... | 6 | .21 | ..... | .21 |
| Denver, Colo..... | 48 | ..... | 3 | .21 | .26 | ..... |
| Pueblo, Colo..... | 51 | ..... | 4 | .17 | .09 | ..... |
| Dodge City, Kans..... | 52 | ..... | 8 | .28 | ..... | .28 |
| Oklahoma, Okla..... | 60 | ..... | 10 | .32 | ..... | .32 |
| Amarillo, Tex..... | 51 | ..... | 5 | .29 | ..... | .29 |
| Abilene, Tex..... | 62 | ..... | 5 | .49 | ..... | .49 |
| Santa Fe, N. Mex..... | 47 | ..... | 5 | .21 | ..... | .21 |
| El Paso, Tex..... | 60 | ..... | 4 | .21 | ..... | .21 |
| Phoenix, Ariz..... | 68 | ..... | 0 | .14 | ..... | .14 |
| Pacific Coast: | | | | | | |
| Seattle, Wash..... | 51 | ..... | 0 | .83 | ..... | .43 |
| Tacoma, Wash..... | 50 | ..... | 0 | .98 | ..... | .78 |
| Fort Canby, Wash..... | 53 | ..... | 0 | 1.32 | ..... | .92 |
| Portland, Oreg..... | 52 | ..... | ..... | 1.01 | ..... | ..... |
| Roseburg, Oreg..... | 52 | ..... | ..... | .67 | ..... | ..... |
| Eureka, Cal..... | 52 | ..... | ..... | .60 | ..... | ..... |
| Redbluff, Cal..... | 63 | 5 | ..... | .33 | ..... | .22 |
| Carson City, Nev..... | 48 | 2 | ..... | .08 | .41 | ..... |
| Sacramento, Cal..... | 61 | 5 | ..... | .21 | ..... | .01 |
| San Francisco, Cal..... | 60 | 3 | ..... | .30 | ..... | .18 |
| Fresno, Cal..... | 63 | 4 | ..... | .14 | ..... | .14 |
| San Luis Obispo, Cal..... | 62 | 1 | ..... | .23 | ..... | .01 |
| Los Angeles, Cal..... | 64 | 1 | ..... | .21 | ..... | .12 |
| San Diego, Cal..... | 63 | ..... | 1 | .14 | ..... | .14 |
| Yuma, Ariz..... | 70 | ..... | 0 | .07 | ..... | .07 |

a 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, yellow fever, plague, and smallpox as reported to the Supervising Surgeon-General United States Marine-Hospital Service, January 1 to November 4, 1898.

CHOLERA.

| Places. | Date. | Cases. | Deaths. | Remarks. |
|----------------------|----------------------|--------|---------|----------|
| China: | | | | |
| Hongkong | Apr. 24-Apr. 30... | 5 | 3 | |
| India: | | | | |
| Bombay | Nov. 24-Nov. 30... | | 4 | |
| | Dec. 1-Mar. 1... | | 55 | |
| | Mar. 2-Mar. 29... | | 11 | |
| | Mar. 30-May 24... | | 16 | |
| | June 1-June 7... | | 1 | |
| | June 20-June 28... | | 2 | |
| | July 5-July 12... | | 3 | |
| | July 19-July 26... | | 4 | |
| | July 26-Aug. 30... | | 4 | |
| | Sept. 12-Sept. 27... | | 2 | |
| Calcutta..... | Nov. 14-Dec. 4... | | 42 | |
| | Dec. 5-Jan. 1... | | 31 | |
| | Jan. 2-Jan. 29... | | 28 | |
| | Jan. 30-Feb. 26... | | 82 | |
| | Feb. 27-Mar. 26... | | 95 | |
| | Mar. 27-June 11... | | 271 | |
| | June 25-July 16... | | 17 | |
| | July 16-July 30... | | 8 | |
| | July 31-Aug. 20... | | 10 | |
| | Aug. 27-Sept. 3... | | 4 | |
| | Sept. 4-Sept. 17... | | 7 | |
| Madras..... | Nov. 20-Dec. 10... | | 8 | |
| | Dec. 4-Dec. 31... | | 11 | |
| | Jan. 1-Jan. 28... | | 45 | |
| | Jan. 29-June 10... | | 43 | |
| | May 28-June 3... | | 1 | |
| | July 9-July 22... | | 43 | |
| | July 22-July 29... | | 36 | |
| | July 30-Aug. 5... | | 38 | |
| | Aug. 6-Aug. 12... | | 71 | |
| | Sept. 4-Sept. 23... | | 134 | |
| Singapore..... | Nov. 1-Nov. 30... | | 1 | |
| | Dec. 1-Dec. 31... | | 1 | |
| | Mar. 1-Mar. 31... | | 1 | |
| Japan : | | | | |
| Awomori Ken..... | Aug. 17-Sept. 11... | 1 | | |
| Fukuoka Ken | June 27-July 27... | 1 | | |
| Fukushima Ken | Aug. 17-Sept. 11... | 3 | 2 | |
| Hiogo..... | May 19-June 5... | 1 | 1 | |
| Ishikawa Ken..... | June 27-July 27... | 3 | 2 | |
| Kanagawa Ken..... | Mar. 24-June 26... | 15 | 7 | |
| Okayama..... | Aug. 17-Sept. 29... | 6 | 3 | |
| Osaka and Hiogo..... | Apr. 29-May 19... | 1 | | |
| | Mar. 26-June 11... | 4 | 2 | |
| | May 21-May 28... | 1 | | |
| Tokyo Fu..... | July 16-Sept. 3... | 7 | 4 | |
| | Apr. 11-June 15... | 14 | 4 | |
| | July 28-Sept. 29... | 29 | 20 | |
| Yamagata Ken..... | June 27-July 27... | 1 | | |
| Yokohama..... | Apr. 15-Apr. 29... | | 1 | |
| Straits Settlements: | | | | |
| Singapore..... | June 1-June 30... | | 1 | |

YELLOW FEVER.

| | | | | |
|-----------------|--------------------|-----|----|-------------------------------|
| Brazil : | | | | |
| Araraguara..... | Mar. 1-Mar. 31... | 4 | 3 | |
| | Apr. 1-May 31... | 125 | 57 | |
| Bahia..... | Dec. 27..... | 3 | 2 | |
| | Dec. 29..... | 6 | | |
| | May 2-June 7... | 6 | 3 | |
| | Aug. 12-Aug. 25... | 5 | | |
| Ceara..... | Nov. 1-Nov. 30... | | 1 | |
| | | | | Taken off of Nor. bk. Adonis. |

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

YELLOW FEVER—Continued.

| Places. | Date. | Cases. | Deaths. | Remarks. |
|---------------------------|---------------------|--------|---------|---|
| Brazil—Continued. | | | | |
| Des Calvado..... | May 1-May 31... | 2 | 1 | |
| Jaboticabal | Mar. 1-Mar. 31... | 35 | 16 | |
| Para..... | Dec. 12-Jan. 1... | ..... | 24 | |
| | Jan. 2-Jan. 15... | ..... | 22 | |
| | Jan. 16-Feb. 28... | ..... | 30 | |
| | June 1-June 23... | 5 | 1 | |
| | Sept. 20-Oct. 3... | ..... | 3 | |
| Ribeirao Bonito..... | Feb. 1-Mar. 31... | 99 | 22 | |
| | Apr. 1-Apr. 30... | 6 | 3 | |
| Rio Clara..... | Mar. 1-Mar. 31... | 9 | 4 | |
| Rio de Janeiro..... | Apr. 1-May 31... | 69 | 33 | |
| | Nov. 21-Dec. 4... | 1 | ..... |  |
| | Dec. 5-Jan. 1... | 8 | 3 | |
| | Jan. 1-Jan. 29... | 22 | 17 | |
| | Jan. 30-July 29... | ..... | 990 | |
| | July 30-Sept. 2... | 59 | 39 | |
| | Sept. 3-Sept. 23... | 18 | 10 | |
| Sao Carlos de Pinhal..... | Feb. 28-Mar. 31... | 223 | 58 | |
| | Apr. 1-May 31... | 262 | 90 | |
| | May 24... | ..... | ..... |  |
| Santos | Jan. 2-Jan. 8... | 1 | 1 | |
| | Jan. 23-Jan. 29... | 3 | ..... |  |
| | Jan. 30-Feb. 28... | 21 | 3 | |
| | Mar. 1-Mar. 31... | 32 | 13 | |
| | Apr. 1-Apr. 30... | 108 | 52 | |
| | May 3-May 24... | 159 | 97 | |
| | June 4-June 18... | 72 | 43 | |
| Sao Paulo..... | Feb. 1-Mar. 31... | 4 | 3 | |
| Taboticabal..... | Apr. 1-Apr. 30... | 106 | 42 | |
| Tahir..... | May 1-May 31... | 3 | 1 | |
| Victoria..... | Apr. 29-May 13... | 3 | 2 | |
| Colombia: | | | | |
| Cartagena..... | June 1-June 30... | ..... | 1 | |
| | July 1-July 30... | 5 | 4 | |
| | Sept. 1-Sept. 30... | 1 | 1 | |
| Colon..... | June 6-June 22... | ..... | ..... | Sporadic cases of yellow fever occur from time to time. |
| Costa Rica: | | | | |
| Limon..... | June 14-Aug. 19... | ..... | 3 | |
| | Aug. 16-Aug. 24... | ..... | 2 | |
| | Aug. 25-Sept. 10... | ..... | 2 | |
| Cuba: | | | | |
| Cienfuegos..... | Dec. 20-Jan. 2... | ..... | 2 | No reports received since hostilities with Spain began. |
| | Jan. 3-Jan. 23... | ..... | 1 | |
| Gibara | Sept. 1-Sept. 15... | 4 | 0 | |
| Habana | Dec. 17-Dec. 30... | ..... | 6 | |
| | Jan. 1-Oct. 13... | ..... | 101 | Do. |
| Manzanillo..... | Dec. 1-Dec. 31... | ..... | 28 | Do. |
| | Jan. 1-Jan. 31... | ..... | 9 | |
| Matanzas..... | Feb. 14-Feb. 28... | ..... | 8 | |
| | Dec. 15-Jan. 19... | ..... | 4 | Do. |
| Regla..... | Feb. 9-Feb. 23... | ..... | 2 | |
| | Dec. 31-Feb. 28... | ..... | 7 | Do. |
| Sagua la Grande..... | Mar. 1-Mar. 24... | ..... | 2 | |
| | Dec. 18-Jan. 20... | ..... | ..... | A few cases of yellow fever, but impossible to obtain statistics. No reports received since hostilities with Spain began. |
| Santiago de Cuba..... | Dec. 19-Jan. 29... | ..... | 6 | |
| | July 20-Aug. 2... | ..... | ..... | Yellow fever reported. |
| Siboney..... | Aug. 18... | 1 | ..... |  |
| Jamaica: | | | | |
| Kingston..... | July 10... | 14 | ..... |  |
| | Dec. 19-Jan. 1... | 1 | 1 | |
| | Jan. 2-Jan. 31... | 2 | 2 | |
| | Feb. 5-Feb. 19... | 2 | 1 | |
| | Aug. 10... | ..... | 1 | |
| St. Andrew..... | Dec. 19-Jan. 1... | 1 | ..... | From steamer Darien. |
| | Feb. 27-Mar. 5... | 1 | 1 | |
| St. Catherine..... | Dec. 19-Jan. 1... | 1 | ..... |  |
| St. Elizabeth..... | Dec. 19-Jan. 1... | 1 | 1 | |
| Mexico: | | | | |
| Jimenez | Sept. 28... | ..... | ..... | Yellow fever reported. |
| Monterey..... | Aug. 2... | ..... | ..... | Do. |
| | Oct. 25... | ..... | ..... | D |
| Tampico..... | July 17-July 24... | 15 | 7 | |
| | July 24-July 31... | 9 | ..... |  |

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

YELLOW FEVER—Continued.

| Places. | Date. | Cases. | Deaths. | Remarks. |
|--------------------------|---------------------|--------|---------|---|
| Mexico—Continued. | | | | |
| Tampico..... | Aug. 1-Sept. 4... | 122 | | Reported epidemic August 6. |
| | Sept. 5-Oct. 2... | 61 | | |
| | Oct. 3-Oct. 16... | 19 | | |
| Vera Cruz..... | July 9..... | 23 | | 1 case reported. |
| | Aug. 14-Sept. 15... | 23 | | |
| | Sept. 22-Oct. 6... | 16 | | |
| Santo Domingo: | | | | |
| Santo Domingo..... | May 7-May 14... | 1 | 1 | |
| San Salvador..... | June 4..... | 34 | 8 | Yellow fever reported. |
| | July 2..... | 5 | 2 | |
| | July 10-Aug. 7... | 33 | 6 | |
| West Indies: | | | | |
| Curacao..... | June 4..... | 10 | 1 | On H. M. S. Atkmaar. Patients taken to quarantine hospital. |
| Yucatan: | | | | |
| Merida..... | July 8..... | | | Yellow fever reported. |

PLAQUE.

| | | | | |
|--|----------------------|-------|-------|---|
| Arabia: | | | | |
| Aden..... | July 28..... | 1 | 1 | Patient removed from steamship Carthage from Bombay. |
| Djiddah..... | Mar. 22-Apr. 16... | 34 | | |
| Nuslah..... | Mar. 1-Mar. 25... | 1 | | |
| China: | | | | |
| Amoy..... | June 11..... | | | Plague reported. June 14, 20 deaths a day. Under date of June 14, the United States consul reports that in Amoy and three adjacent cities the deaths amount to "not less than 100 daily." |
| Canton..... | Mar. 22-Apr. 5... | 10 | | |
| Hongkong..... | Nov. 7-Nov. 20... | 2 | 2 | |
| | Dec. 18-Jan. 1... | 2 | 2 | |
| | Jan. 2-Jan. 29... | 6 | 5 | |
| | Jan. 30-Feb. 26... | 64 | 56 | |
| | Feb. 27-Apr. 30... | 596 | 529 | |
| | Apr. 30-May 28... | 518 | 443 | |
| | June 1-June 14... | 131 | 91 | |
| | June 4-June 25... | | 134 | |
| | June 26-July 16... | | 17 | |
| | Aug. 7-Aug. 13... | 1 | | |
| | Aug. 27-Sept. 3... | 1 | 1 | |
| Swatow..... | Mar. 25..... | | | Do. |
| Macao..... | Apr. 9..... | | | Do. |
| Shanghai..... | Apr. 23..... | | | On ss. Glenturret, in quarantine. |
| Egypt: | | | | |
| Suez..... | May 5..... | | | 1 case plague on ss. Mahale. |
| India: | | | | |
| Bombay..... | Nov. 24-Nov. 30... | 70 | | |
| | Dec. 1-Feb. 8... | 4,833 | | |
| | Feb. 9-Mar. 1... | 3,436 | | |
| | Mar. 2-Mar. 29... | 4,579 | | |
| | Mar. 30-May 17... | 2,731 | | |
| | June 1-June 28... | 94 | | |
| | July 5-July 26... | 122 | | |
| | July 27-Aug. 30... | 467 | | |
| | Sept. 14-Sept. 27... | 276 | | |
| Calcutta..... | Apr. 25-May 4... | 25 | 12 | Plague reported. "Sporadic." May 28. |
| | June 25-July 30... | | 48 | |
| | July 31-Sept. 3... | | 27 | |
| | Sept. 4-Sept. 17... | | 8 | |
| Japan: | | | | |
| Hiogo..... | May 19-June 5... | 1 | 1 | |
| Osaka and Hiogo | May 21-May 28... | 1 | 1 | In quarantine on steamship Peru. |
| Taiwan, Formosa..... | Dec. 28-Apr. 28... | 505 | 84 | |
| Formosa Ports (Taipeh-Tainan, and Taiwan.) | Apr. 29-June 15... | 2,338 | 1,483 | |
| Yokohama..... | Mar. 1-Apr. 11... | 2 | 1 | |
| Nagasaki..... | June 6-June 15... | 1 | 1 | |
| Karachi..... | Apr. 6-Apr. 12... | 51 | 31 | In quarantine on steamship Hikozan Maru. |
| Russia: | | | | |
| St. Petersburg..... | Mar. 26-Apr. 2... | | 1 | |
| | Aug. 18..... | | 1 | |

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

SMALLPOX.

| Places. | Date. | Cases. | Deaths. | Remarks. |
|--------------------------|----------------------|--------|---------|--------------------|
| Africa: | | | | |
| Cape Colony | Sept. 3. | | | |
| Lorenzo Morquez..... | Jan. 1-Jan. 31... | 3 | | Smallpox reported. |
| Natal..... | Sept. 3. | | | Do. |
| Pretria..... | Sept. 3. | | | Do. |
| Australia: | | | | |
| Sydney..... | June 1-June 30... | 1 | | |
| Belgium: | | | | |
| Antwerp | May 1-May 7... | 2 | | |
| | June 4-June 11... | 3 | 2 | |
| | July 31-Aug. 6... | 1 | 2 | |
| | Aug. 13-Aug. 20... | 2 | 1 | |
| | Oct. 1-Oct. 8... | 1 | | |
| Brussels..... | June 4-June 11... | | 1 | |
| Ghent..... | May 7-May 14... | | 1 | |
| | July 9-July 30... | | 4 | |
| | Sept. 10-Sept. 17... | | 1 | |
| Liege..... | July 23-July 30... | | 1 | |
| | Aug. 13. | | 1 | |
| Bohemia: | | | | |
| Prague..... | Dec. 12-Jan. 1... | 11 | | |
| | Jan. 2-May 14... | 151 | | |
| | June 11-June 18... | 5 | | |
| Brazil: | | | | |
| Bahia..... | June 11-June 25... | 17 | | |
| | Aug. 28-Oct. 1... | 141 | 20 | |
| | Oct. 2-Oct. 8... | 23 | 2 | |
| Ceara..... | Mar. 1-Mar. 31... | | 10 | |
| Montevideo | May 14-May 21... | 1 | | |
| Pernambuco | Dec. 1-Dec. 25... | | 8 | |
| | Apr. 15-Apr. 23... | | | |
| Rio de Janeiro..... | Nov. 21-Dec. 4... | 10 | | |
| | Dec. 5-Jan. 1... | 9 | 1 | |
| | Jan. 1-Apr. 8... | 2 | 1 | |
| | July 1-July 29... | 11 | | |
| | Aug. 26-Sept. 23... | 29 | 6 | |
| | Feb. 1-July 29... | 40 | 13 | |
| Sao Paulo..... | Dec. 16-Jan. 30... | 32 | 10 | |
| British Columbia: | | | | |
| Vancouver..... | June 14 | 9 | | |
| Victoria..... | May 9. | 1 | | |
| Canada: | | | | |
| Halifax..... | May 14-May 28... | 6 | | |
| Malsonneuve..... | Jan. 26-Feb. 16... | 8 | | |
| Montreal..... | Jan. 3-Jan. 12... | 8 | 0 | |
| | Feb. 11-Feb. 16... | 1 | | |
| China: | | | | |
| Hongkong | Nov. 7-Dec. 4... | 6 | 4 | |
| | Dec. 5-Jan. 1... | 11 | 8 | |
| | Jan. 2-Apr. 30... | 194 | 113 | |
| | May 1-May 14... | | 4 | |
| | May 28-June 18... | 3 | 2 | |
| Cuba: | | | | |
| Cardenas..... | Dec. 19-Jan. 22... | | 5 | |
| | Mar. 6-Mar. 27... | | 8 | |
| Cienfuegos | Dec. 20-Jan. 2... | | 7 | |
| | Jan. 3-Jan. 23... | | 19 | |
| | Feb. 7-Feb. 27... | | 35 | |
| | Feb. 28-Apr. 3... | | 9 | |
| Habana | Dec. 17-Apr. 7... | | 154 | |
| Gibara..... | Sept. 1-Sept. 15... | 65 | 10 | |
| Matanzas..... | Jan. 20-Feb. 23... | | 8 | |
| Regla | Feb. 18-Apr. 7... | | 3 | |
| Sagua la Grande..... | Dec. 19-Jan. 29... | 233 | 29 | |
| | Jan. 30-Feb. 26... | 470 | 35 | |
| | Feb. 27-Apr. 4... | 437 | 26 | |
| England: | | | | |
| Bristol..... | Feb. 6-Feb. 19... | 1 | | |
| | July 16-July 23... | 1 | | |
| Leeds | Mar. 19-Apr. 9... | 6 | 4 | |
| Liverpool..... | Jan. 15-Jan. 29... | 3 | | |
| | Feb. 1-Apr. 2... | 6 | | |
| London..... | Feb. 27-Mar. 26... | 4 | | |
| | June 4-June 25... | 1 | 1 | |
| | Aug. 21-Sept. 17... | 9 | | |
| | Oct. 8-Oct. 15... | | 1 | |
| Middlesborough..... | Feb. 9..... | 90 | | |

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

SMALLPOX—Continued.

| Places. | Date. | Cases. | Deaths. | Remarks. |
|------------------------|----------------------|--------|---------|----------|
| England—Continued. | | | | |
| Newcastle on Tyne..... | Mar. 19-June 18... | 18 | 2 | |
| | June 25-July 2... | ..... | 1 | |
| Southampton..... | Jan. 8-Feb. 12... | 2 | ..... |  |
| | June 18-June 25... | 2 | 3 | |
| | Sept. 10-Sept. 17... | 5 | ..... |  |
| South Shields..... | May 7-May 14... | 1 | ..... |  |
| Sunderland..... | Dec. 18-Jan. 8... | 1 | ..... |  |
| | Feb. 27-Mar. 26... | 4 | ..... |  |
| | June 11-June 18... | 1 | ..... |  |
| West Hartlepool..... | Jan. 9-Jan. 22... | 5 | ..... |  |
| France: | | | | |
| Marseilles | May 1-May 31... | 1 | 1 | |
| Nantes..... | July 1-July 31... | ..... | 1 | |
| Paris..... | July 2-July 9... | ..... | 1 | |
| | July 31-Aug. 6... | ..... | 1 | |
| Germany: | | | | |
| Bremen..... | Apr. 23-May 14... | 2 | ..... |  |
| Hamburg..... | Mar. 6-Mar. 12... | 2 | ..... |  |
| Gibraltar..... | July 16-July 23... | 1 | ..... |  |
| | Dec. 6-Dec. 12... | 1 | ..... |  |
| | Dec. 27-Apr. 3... | 6 | ..... |  |
| | Sept. 12-Sept. 25... | 2 | ..... |  |
| Honduras: | | | | |
| Tegucigalpa..... | July 9-July 23... | 2 | ..... |  |
| India: | | | | |
| Bombay..... | Feb. 9-May 24... | 32 | ..... |  |
| | June 20-June 28... | ..... | 3 | |
| | July 5-July 12... | ..... | 1 | |
| | Aug. 2-Aug. 30... | ..... | 3 | |
| Calcutta..... | Dec. 19-Dec. 25... | ..... | 1 | |
| | Jan. 30-May 28... | 56 | ..... |  |
| | June 4-June 11... | ..... | 2 | |
| | June 25-July 16... | ..... | 5 | |
| | Aug. 21-Sept. 3... | ..... | 1 | |
| | Sept. 4-Sept. 17... | ..... | 2 | |
| Madras..... | Nov. 27-Dec. 3... | ..... | 1 | |
| | Dec. 4-Dec. 31... | ..... | 3 | |
| | Jan. 1-Jan. 28... | ..... | 6 | |
| | Jan. 29-Feb. 4... | ..... | 6 | |
| | Feb. 5-Apr. 22... | ..... | 66 | |
| | Apr. 30-May 20... | ..... | 12 | |
| | May 20-May 27... | ..... | 2 | |
| | July 22-July 29... | ..... | 1 | |
| | Aug. 6-Sept. 2... | ..... | 4 | |
| | Sept. 3-Sept. 23... | ..... | 3 | |
| Singapore | Mar. 1-Mar. 31... | ..... | 1 | |
| | Aug. 1-Aug. 31... | ..... | 1 | |
| Italy: | | | | |
| Measina..... | Dec. 12-Jan. 8... | ..... | 5 | |
| | Jan. 30-May 21... | ..... | 5 | |
| Japan: | | | | |
| Aichi Ken..... | Dec. 28-June 5... | 9 | 1 | |
| | June 27-July 27... | 4 | ..... |  |
| | Sept. 20-Sept. 29... | 1 | ..... |  |
| Akita Ken..... | Dec. 28-June 5... | 18 | 4 | |
| | June 27-July 27... | 4 | 2 | |
| | Aug. 17-Sept. 11... | 53 | 16 | |
| Awomori Ken..... | Dec. 28-Aug. 16... | 244 | 39 | |
| | Aug. 17-Sept. 29... | 64 | 21 | |
| Chiba Ken | Dec. 28-Apr. 10... | 9 | ..... |  |
| | June 27-July 27... | 1 | ..... |  |
| Formosa..... | Feb. 4-Mar. 3... | 7 | 4 | |
| Fukui Ken..... | Dec. 28-Feb. 3... | 1 | ..... |  |
| Fukuoka Ken..... | Mar. 24-June 5... | 6 | ..... |  |
| Fukushima Ken..... | Dec. 28-Aug. 16... | 151 | 39 | |
| Gifu Ken..... | Feb. 4-Feb. 22... | 1 | ..... |  |
| Gumma Ken..... | Feb. 4-Feb. 22... | 1 | ..... |  |
| Hiogo..... | Apr. 29-June 5... | 3 | ..... |  |
| | June 27-July 27... | 6 | 1 | |
| Hiroshima Ken..... | Jan. 22-Feb. 3... | 1 | ..... |  |
| Ishikawa Ken..... | Apr. 29-May 19... | 2 | ..... |  |
| | Sept. 12-Sept. 19... | 1 | ..... |  |
| Iwate Ken..... | Dec. 28-June 5... | 47 | 10 | |
| | June 27-July 27... | 4 | 2 | |
| Kagoshima Ken..... | Feb. 4-Feb. 22... | 1 | ..... |  |
| Kanagawa Ken..... | Dec. 28-Jan. 21... | 3 | ..... |  |
| | June 27-July 27... | 1 | ..... |  |

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

SMALLPOX—Continued.

| Places. | Date. | Cases. | Deaths. | Remarks. |
|------------------|----------------------|--------|---------|-------------------------|
| Japan—Continued. | | | | |
| Kioto Fu. | Apr. 29-May 19... | 1 | ..... |  |
| Kochi Ken | Dec. 28-Jan. 21... | 1 | ..... |  |
| Miyagi Ken | Dec. 17-July 27... | 107 | 27 | |
| Miyazaki Ken | Jan. 22-Feb. 3... | 3 | 1 | |
| | Apr. 29-June 5... | 96 | 7 | |
| | June 16-June 26... | 1 | ..... |  |
| Nagano Ken | Feb. 4-Mar. 23... | 9 | 5 | |
| Nagasaki Ken | Apr. 29-May 19... | 1 | ..... |  |
| | Jan. 22-Mar. 23... | 4 | 1 | |
| Nara | Apr. 29-May 19... | 1 | ..... |  |
| Niigata Ken | Apr. 29-May 19... | 1 | ..... |  |
| | Mar. 4-Mar. 23... | 4 | 1 | |
| Osaka Fu | June 16-June 26... | 1 | ..... |  |
| Oita Ken | July 28-Aug. 16... | 1 | ..... |  |
| Okayama Ken | Feb. 4-Apr. 10... | 3 | 1 | |
| | June 16-June 26... | 1 | ..... |  |
| | Dec. 28-June 5... | 4 | ..... |  |
| | June 27-July 27... | 1 | ..... |  |
| Osama Ken | Mar. 4-Mar. 23... | 1 | ..... |  |
| Saitama Ken | Dec. 17-Dec. 27... | 1 | ..... |  |
| Shizuoka Ken | Apr. 29-May 19... | 2 | 1 | |
| Shiga Ken | May 19-June 26... | 3 | ..... |  |
| Tochigi Ken | Mar. 24-Apr. 10... | 1 | ..... |  |
| Tokyo Fu | Dec. 28-Mar. 23... | 6 | ..... |  |
| | June 16-July 27... | 9 | ..... |  |
| | Sept. 20-Sept. 29... | 1 | ..... |  |
| Tokushima Ken | Apr. 29-June 5... | 3 | ..... |  |
| Toottori | June 6-June 15... | 1 | ..... |  |
| Yamagata Ken | Jan. 22-Aug. 16... | 48 | 9 | |
| | June 27-July 27... | 4 | 1 | |
| | Aug. 17-Sept. 29... | 8 | ..... |  |
| Yamaguchi Ken | Feb. 4-Apr. 28... | 10 | 1 | |
| Yamanashi Ken | Mar. 24-Apr. 28... | 5 | 1 | |
| Yehime Ken | June 27-July 27... | 4 | 1 | |
| The Hokkaido | Dec. 17-Apr. 10... | 59 | 18 | |
| | Apr. 29-June 26... | 12 | ..... |  |
| | Dec. 17-June 15... | 510 | 142 | |
| | July 28-Sept. 29... | 4 | 2 | |
| Mexico: | | | | |
| Nogales | May 13... | 4 | ..... |  |
| Norway: | | | | |
| Christiania | Mar. 20-May 21... | 19 | 2 | |
| | July 2-July 23... | 9 | 1 | |
| | July 31-Aug. 13... | 4 | ..... |  |
| | Aug. 13-Aug. 20... | 1 | 1 | |
| | Aug. 20-Aug. 27... | 1 | ..... |  |
| | June 4-June 11... | 3 | ..... | At quarantine hospital. |
| Nova Scotia: | | | | |
| Halifax | Dec. 12-Dec. 24... | 1 | ..... |  |
| Netherlands: | | | | |
| Amsterdam | Dec. 12-Dec. 31... | 3 | 1 | |
| Rotterdam | Jan. 1-Jan. 29... | 1 | ..... |  |
| Russia: | | | | |
| Moscow | Nov. 29-Dec. 4... | 1 | 1 | |
| | Dec. 5-Dec. 11... | 1 | 1 | |
| | Jan. 1-May 14... | 63 | 17 | |
| | May 21-May 28... | 4 | 2 | |
| | June 4-July 9... | 30 | 11 | |
| | July 23-July 30... | 2 | 2 | |
| | Aug. 27-Sept. 24... | 40 | 3 | |
| | Oct. 3-Oct. 10... | 9 | 2 | |
| Odessa | Dec. 5-Jan. 1... | 53 | 9 | |
| | Jan. 2-Jan. 29... | 84 | 7 | |
| | Jan. 30-July 3... | ..... | 21 | |
| | July 23-Aug. 6... | 7 | 2 | |
| | Aug. 13-Oct. 8... | 20 | 2 | |
| St. Petersburg | Dec. 4-Dec. 25... | 35 | 18 | |
| | Jan. 9-Jan. 29... | 56 | 19 | |
| | Jan. 30-July 30... | ..... | 80 | |
| | Aug. 6-Aug. 27... | 3 | ..... |  |
| | Aug. 28-Sept. 3... | 6 | 2 | |
| | Sept. 4-Sept. 24... | 8 | 5 | |
| | Dec. 19-May 28... | ..... | 136 | |
| Warsaw | June 4-June 18... | ..... | 15 | |
| | June 25-July 23... | ..... | 22 | |
| | Aug. 1-Aug. 8... | ..... | 6 | |
| | Aug. 18-Aug. 20... | ..... | 3 | |
| | Sept. 3-Oct. 8... | ..... | 33 | |

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

SMALLPOX—Continued.

| Places. | Date. | Cases. | Deaths. | Remarks. |
|-----------------------|---------------------|--------|---------|------------------------------------|
| Scotland : | | | | |
| Edinburgh..... | Apr. 16-Apr. 30... | 2 | ..... |  |
| Glasgow..... | Dec. 5-Dec. 25... | 3 | 1 | |
| Leith..... | Apr. 3-Apr. 30... | 2 | 1 | |
| Spain : | | | | |
| Corunna..... | Jan. 1-Feb. 5... | ..... | 2 | |
| Madrid..... | Dec. 22-Dec. 28... | ..... | 1 | |
| Feb. 8-Apr. 6... | ..... | ..... | 3 | |
| Straits Settlements : | | | | |
| Singapore..... | June 1-June 30..... | ..... | 3 | |
| Turkey : | | | | |
| Constantinople..... | Jan. 10-Feb. 6... | ..... | 53 | |
| Feb. 28-May 8... | ..... | ..... | 94 | |
| Sept. 5-Sept. 25... | ..... | ..... | 17 | |
| Uruguay : | | | | |
| Montevideo..... | Dec. 25-Mar. 19... | 5 | ..... |  |
| May 1-May 7... | ..... | ..... | 1 | |
| June 19-June 26... | ..... | 1 | ..... |  |
| July 9-July 16... | ..... | 2 | ..... |  |
| July 30-Aug. 6... | ..... | 1 | ..... |  |
| Venezuela : | | | | |
| Caracas..... | Sept. 1-Sept. 13... | 1 | ..... |  |
| Puerto Cabello..... | June 7-July 25... | ..... |  | More than 150 cases in the city. |
| Valencia..... | Apr. 2-Apr. 11... | 23 | 6 | Smallpox increasing, June 7, 1898. |
| Wales : | | | | |
| Cardiff..... | Apr. 2-Apr. 11... | 54 | ..... | July 23, about 1,000 cases. |
| | To Aug. 21..... | 2,000 | 600 | |
| | Dec. 18-Dec. 24... | 1 | ..... |  |

Current quarantine measures.

[Translated in this Bureau from the "Veröffentlichungen des Kaiserlichen Gesundheitsamtes," Berlin, October 15, 1898.]

MALTA.—The following order was issued under date of September 5:

His excellency, the governor, having heard the opinion of the board of health, has been pleased to modify Government notice No. 132 of May 17, 1898, and to direct that the following regulations be observed:

(1) Vessels which are not allowed to enter the harbor, but are allowed to communicate in quarantine with the islands of Comino and Cominotto under such restrictions as the collector of customs may direct, are as follows:

(a) Vessels that have on board or have had during the voyage, cases of cholera, yellow fever, or plague, or cases of a disease with symptoms resembling those of cholera, yellow fever, or plague.

(b) Vessels with pilgrims from the east.

(c) Vessels arriving from Arabian ports in the Red Sea and the Persian Gulf, which have not been admitted to free pratique at Suez and Port Said.

(2) Vessels which are allowed to enter the quarantine harbor to coal and take in provisions under quarantine restrictions are as follows:

(a) Vessels arriving from Bombay or Kurrachee which have not been admitted to free pratique in a port of the Adriatic or Mediterranean Sea, or which have not, to the satisfaction of the chief government medical officer, been thoroughly disinfected before being admitted to free pratique at the said ports.

(b) Vessels arriving from any port without a clean bill of health which do not fall under any of the foregoing regulations.

Vessels without a clean bill of health that carry a doctor may complete a period of ten days' quarantine, reckoned from date of departure,

either at sea or at the anchorage of Comino, before being admitted under the same conditions as arrivals from Bombay.

(3) All vessels arriving at Malta shall undergo strict medical inspection.

(4) Passengers arriving from Bombay or Kurrachee shall be landed at one of the quarantine establishments, where they will be subjected to strict medical inspection until their clothing and all other articles of personal use likely to retain infection shall have been thoroughly disinfected.

STRAITS SETTLEMENTS.—Under date of September 1, quarantine for arrivals from Swatav is suspended.

YELLOW FEVER.

DANISH ANTILLES.—Medical inspection was ordered, September 10, for all arrivals from the State of Mississippi.

SMALLPOX.

AFRICA—TRANSVAAL.—According to advices of September 5, an order has been issued by the President by which, on account of an outbreak of smallpox in Pretoria, all inhabitants of the Transvaal who have not already been vaccinated during the year are directed to have themselves vaccinated.

AFRICA.

Epidemic of smallpox at Johannesburg, South African Republic.

LORENZO MARQUEZ, *September 24, 1898.*

SIR: I have the honor to report that there is an epidemic of smallpox in Johannesburg, South African Republic, and that the disease has now made its appearance here.

It is, however, not epidemic, and so far has attacked only Kaffirs and others living in unsanitary premises near the swamps.

The president of the municipal chamber, in reply to my request for information as to the health of the town, has sent me a very elaborate return of deaths during the month of August. This return gives the name, nationality, name of father, color, sex, age, State (married or single), occupation, religion, and financial condition of each person deceased, but omits to state the disease or cause of death. I pointed out this fact to the president of the municipal chamber yesterday and told him that the most important information was omitted. He replied that what I said was true, but that the law did not require that the diseases from which people died should be registered at the municipal chamber.

There is an official here called the "Administrador do Concelho," who in the United States would probably be classed as a sort of mayor and police justice combined. His office also compiled a return of deaths. This return is sent to Mozambique to be printed in the Boletim Official. This return for January has just been published, and from it I have compiled a return, herewith inclosed, for the Treasury Department.

I have asked the administrador to supply me with advance sheets of his monthly report, and this he has promised to do; but up to the present time I have received nothing from him.

The return from the president of the municipal chamber reports the

death on August 23 of William Arthur Massick, an American negro, 32 years of age, married, protestant, laborer. This is probably William H. Messick, an American colored sailor, who left an American vessel here in 1886, or at least who said he did. I have been informed unofficially that he died of smallpox, and that he leaves a colored widow here who has probably taken charge of his effects, if they have not been burned by the municipal authorities.

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

W. STANLEY HOLLIS,
United States Consul.

Hon. ASSISTANT SECRETARY OF STATE.

AUSTRIA.

Plague in Vienna.

[Cablegram.]

VIENNA, November 2, 1898.

Plague infection to emigrants improbable. Six cases—all hospital attendants; 3 deaths.

HURST,
United States Consul-General.

STATE DEPARTMENT, Washington, D. C.

BRAZIL.

Sanitary reports from Rio de Janeiro.

RIO DE JANEIRO, September 7, 1898.

SIR: I have the honor to transmit to you the official report for the week ended August 26. There were 232 deaths from all causes, a decrease of 2, as compared with the foregoing week; 7 deaths from *acesso pernicioso*, an increase of 1; 7 deaths from yellow fever, a decrease of 4; 1 death from beriberi, a decrease of 1, and 50 deaths from tuberculosis, an increase of 2.

* * * * *

The general state of health in Rio de Janeiro is satisfactory. The total number of deaths has been reduced, and, with the exception of yellow fever, no infectious disease threatens the population. There have occurred from time to time cases of smallpox and diphtheria, but up to the present time these diseases have not spread. As I said in one of my last reports, yellow fever continues and will probably continue till the summer season. The disease is now observed only in sporadic cases and for some time has caused about 1 death daily, which is very unusual for this month. The weather, which is also very uncommon, may be accountable for this condition. We have cool nights and really very hot days. During the night, the temperature is 14-16° Celsius, and during the day it rises to 25-28° and more. From time to time we have a little rainfall, but very far from a sufficient quantity for cleaning streets and soil. Such meteorological conditions seem very conducive to the maintenance of the yellow fever germ.

During all this year the state of health in the harbor has been extraordinarily good. From yellow fever there occurred as follows:

Cases and deaths from yellow fever.

| Month. | Yellow fever in the port. | | Deaths from yellow fever on shore. |
|---------------|---------------------------|---------|------------------------------------|
| | Cases. | Deaths. | |
| 1898. | | | |
| January..... | 3 | 0 | 17 |
| February..... | 6 | 4 | 95 |
| March..... | 17 | 6 | 258 |
| April..... | 8 | 6 | 300 |
| May..... | 9 | 5 | 174 |
| June..... | 7 | 3 | 87 |
| July..... | 3 | 2 | 66 |

Beside yellow fever there occurred in the shipping during the months from March 1 to the end of July, 2 cases of *accesso pernicioso*, of which 1 was fatal, 4 cases of smallpox, which were cured, and 1 fatal case of a malarial infection.

I must not omit to state that recently two Norwegian ships, named *Odd* and *Labella*, both proceeding from Rangoon, arrived at this port in a deplorable condition. During the voyage beriberi appeared on board of both ships and caused some deaths. The authorities took charge of these ships.

Since last report the following-named ships have been inspected and received bills of health from this office: September 2, bark *Maria Emilia*, Portuguese, for Brunswick. September 3, steamship *Cycla*, British, for St. Lucia; steamship *Severn*, British, for Baltimore; barkentine *Arthur C. Wade*, American, for St. Lucia. September 6, steamship *Hevelius*, Belgian, for New York; steamship *Lucina*, British, for Philadelphia; schooner *Ferreira*, Portuguese, for New Orleans.

Respectfully, yours, W. HAVELBURG, M. D.,
Sanitary Inspector, U. S. M. H. S.

Leprosy in Brazil.

RIO DE JANEIRO, September 15, 1898.

SIR: I have the honor to transmit to you the official report for the week ended September 2: There were 258 deaths from all causes, an increase of 26 as compared with the foregoing week; 7 deaths from *accesso pernicioso*, the same as before; 6 deaths from yellow fever, a decrease of 1; 2 deaths from smallpox and 1 death from measles, none before; 2 deaths from beriberi, an increase of 1, and 65 deaths from tuberculosis, an increase of 15.

* * * * *

Leprosy, as a chronic infectious disease, deserves great consideration in Brazil. Probably that disease was imported to Brazil between 1644-1697 by the Portuguese. In proof of this supposition I will point to the communications of the physician and scientific traveler, Piso, who accompanied the celebrated explorer of Brazil, Count John Maurice, of Nassau, during the years 1637-1644. That scientist writes in his work, published at Leyden, 1658: "Lepra autem et scabies incognitae sunt," and in another place: "Inter vitia cutanea nondum ulli medicorum, ex quo detecta fuit haec America pars, scabiem, lepram, elephantiasim observasse contigit, sicut in *Ægypto* aliisque servidioribus regionibus grassare testatum est ab autoribus."

On the other hand, in the year of 1697 there were already so many lepers in Brazil that the governor, Arthur de Sá Menezes, asked the

King, D. Pedro II, of Portugal, for a special and separate place in which the lepers might be treated.

In the interval between 1644 and 1697 nothing noteworthy occurred in Brazil except the increasing immigration of the Portuguese, in whose country and in whose colonies leprosy had spread very much at that time, as is well known. Also at the present time there are still a great many lepers in the Portuguese possessions, and chiefly at Madeira.

No legal regulations intended to restrict the prevalence of leprosy have been issued; therefore, in Brazil during the last two centuries leprosy has largely spread. The scientific traveler, Tschudi, writing, about 1850, states that on the frontier, between the provinces of Minas and Sao Paulo, there are localities in which almost every family is "morfetico;" and in his report of the year 1840 to the provincial chamber of Sao Paulo, the president states:

"It is pitiable to see the number of wretched people infected with leprosy ranged along the road from Rio de Janeiro to Sao Paulo. In the vicinity of every village there is a hut which serves as a refuge for these exiles from society."

The situation has been much changed by natural causes and by the efforts made in their own behalf by the people; but leprosy still persists in a greater or less degree in all the States of Brazil. For the most part the lepers are poor people, or they gradually become so, and then they wander helplessly in the streets as beggars, or otherwise they are a burden to their families and neighbors; but also in the better and best situated circles of society there are lepers. An estimate of 3,000 lepers in Brazil at the present time can not be considered exaggerated.

For these unfortunates there are some special sanatoriums, so-called "leproseries," at Pernambuco, Sao Paulo, and principally at Rio de Janeiro. The leprosy hospital at the last-named place was originally founded as a monastery of the Jesuits, but it has been renovated and altered so often that it may be considered as almost a new establishment. The administration of the hospital is in charge of a religious association of the Irmandade do Santissimo Sacramento de Candelaria.

There are no regulations imposing on lepers the obligation to enter the hospital and there is also no domiciliary inspection of the lepers by the authorities, and no obligatory notification by physicians. No special notice has been taken of the resolutions of the International Leprosy Conference of last year, at Berlin, for converting theories into practical measures.

As for the rest, it is probably very difficult to subject the lepers to legal regulations, requiring isolation, inspection, obligatory treatment in a hospital, because such regulations would hardly touch family circles.

Therefore, the lepers are for the most part helpless people, who require treatment in hospital. The domestic arrangements of the leprosy hospital of this place are the most favorable that can be imagined, and of the same nature, so far as human power extends, are also the general bodily and medical treatment. Consequently the hospital is not only an asylum for poor lepers, but also, comparatively speaking, a safeguard against the development of that disease among the sound population. It would be desirable that this point of view should receive more consideration, and that admission into the hospital, the rooms of which are large enough for receiving a greater number of sick persons, should be sought by more of these unfortunates. But naturally, admission into the hospital demands the surrender of a great

deal of personal liberty, and only, when very ill, are people disposed to subject themselves to this.

According to the annual report of the administration, published in the month of August, there are at present in the leprosy hospital 61 persons, of whom 51 are Brazilians. Of these patients, there are 41 males and 20 females; 51 are adults, 10 are children.

During the past year there died 19 lepers. Death was caused in eight instances by cachexia leprosa, in one instance by the consequences of lepra anaesthesia, in four instances by tuberculosis, and in six instances by different diseases.

During the last year there were received at the hospital 22 patients, and 12 were discharged. The discharge, says the medical director, Professor Dr. Gabizo, did not result from any improvement in the conditions of the patients justifying their discharge, but from the fact that their continuance in the hospital is not obligatory, and it is difficult for physicians to struggle against the impatience and desperation of those unfortunates.

Since last report the following-named ships have been inspected and received bills of health of this office: September 8, steamship *Leonora*, French, for Port Arthur; steamship *Germania*, British, for Port Eads; steamship *Aldgate*, British, for New Orleans. September 10, steamship *Litorno*, German, for New York; bark *Sarmento*, American, for Turks Island. September 13, steamship *Kaffir Prince*, British, for New York.

Respectfully yours, W. HAVELBURG, M. D.,
Sanitary Inspector, U. S. M. H. S.

The SUPERVISING SURGEON-GENERAL,
U. S. Marine-Hospital Service.

FRANCE.

Mortality statistics for thirteen large cities.

MARSEILLES, *September 24, 1898.*

Of thirteen French cities containing above 100,000 inhabitants each, according to an official statement just published by the council-general of the department in which Marseilles is located, the vital statistics for the year 1897 were as follows:

| Name of city. | Population. | Deaths. | Rate per 1,000. |
|---------------------|-------------|---------|-----------------|
| Rouen..... | 112,657 | 3,199 | 28.3 |
| La Havre | 118,478 | 3,052 | 25.7 |
| Marseilles..... | 447,344 | 11,068 | 24.6 |
| Rheims | 107,709 | 2,554 | 23.7 |
| Lille..... | 215,550 | 4,886 | 22.6 |
| Toulouse..... | 149,012 | 3,301 | 22.1 |
| Nantes | 123,850 | 2,710 | 21.8 |
| Saint-Etienne | 135,784 | 2,831 | 20.8 |
| Bordeaux | 256,906 | 5,183 | 20.1 |
| Roubaix | 124,447 | 2,442 | 19.6 |
| Nice..... | 106,734 | 2,077 | 19.4 |
| Lyons..... | 466,767 | 8,762 | 18.7 |
| Paris | 2,511,629 | 46,802 | 18.6 |

Marseilles continues to occupy third place. During the month of May, 1897, 511 deaths were reported from typhoid fever. Of all typhoid fever cases reported, 13 per cent proved fatal. The cause of this outbreak of disease is attributed to impure drinking water provided by the city. An attempt is now being made to remedy this state of

affairs by a system of double canalization—that is, by conducting potable water in closed pipes laid in the canal which carries the main municipal supply. The council of hygiene expresses doubt as to the thoroughness of the reform now under way. The deaths from consumption numbered 1,032 in 1897, against 1,151 in 1896. The deaths from zymotic diseases during the year 1897 were: Typhoid fever, 511; scarlet fever, 14; smallpox, 18; diphtheria, 54; total, 597. The total death rate per 1,000 inhabitants has been as follows:

| Year. | Population. | Deaths. | Rate per 1,000. |
|-----------|-------------|---------|-----------------|
| 1888..... | 387,994 | 10,871 | 28.0 |
| 1889..... | 394,302 | 10,819 | 27.4 |
| 1890..... | 400,610 | 12,709 | 31.7 |
| 1891..... | 406,919 | 11,442 | 28.1 |
| 1892..... | 413,983 | 11,587 | 27.9 |
| 1893..... | 421,047 | 12,160 | 28.8 |
| 1894..... | 428,111 | 11,588 | 26.9 |
| 1895..... | 435,175 | 11,630 | 26.7 |
| 1896..... | 442,289 | 11,902 | 26.9 |
| 1897..... | 449,303 | 11,068 | 24.6 |

ROBERT P. SKINNER,
Consul.

The SUPERVISING SURGEON-GENERAL,
U. S. Marine-Hospital Service.

TURKESTAN.

Plague suspected in Samarcand, Bokhara.

DEPARTMENT OF STATE,
Washington, D. C., October 31, 1898.

SIR: I have the honor to quote for your information the following telegram received on the 28th instant from our embassy at St. Petersburg:

“An epidemic disease resembling bubonic plague officially reported in Government of Samarcand.”

I have the honor to be, sir, your obedient servant,
DAVID J. HILL.

Hon. SECRETARY OF THE TREASURY.

WEST INDIES.

Guadeloupe quarantines against New Orleans and Puerto Rico.

GUADELOUPE, *October 2, 1898.*

SIR: I have the honor to report that the authorities here have declared a quarantine of nine days, including time of passage, against all vessels from New Orleans and from Puerto Rico ports. Vessels from any of the Lesser Antilles north of Guadeloupe are to be vigorously inspected and not admitted to pratique unless provided with proper health certificates.

I have the honor to be, sir, your obedient servant,
LOUIS H. AYME,
U. S. Consul.

Hon. ASSISTANT SECRETARY OF STATE.

Quarantine at Barbados.

BARBADOS, October 17, 1898.

SIR: I have the honor to report as follows:

Trinidad, on the 27th ultimo, and Barbados, on the 15th instant, took off quarantine against Ciudad Bolivar and Barrancas in Venezuela, there not having been any smallpox there, and those places not being in communication with infected places; but on the 6th instant the Venezuelan gunboat *Crespo*, having arrived at Ciudad Bolivar from La Guayra and being admitted to free pratique, quarantine was again reimposed by Trinidad against Ciudad Bolivar.

St. Thomas has removed the quarantine against Santos, but arrivals from there are subject to inspection by the health officer.

Jamaica has imposed quarantine against all Venezuelan ports.

Barbados subjects all arrivals from Puerto Rico to inspection by the health officer.

The following reports have been received from the chairman of the St. Lucia quarantine board:

Bahia: For the fortnight ended September 26, 36 cases and 5 deaths from smallpox.

Para: For the fortnight ended October 3, 3 deaths from yellow fever.

Rio de Janeiro: For the fortnight ended October 1, 12 cases, 7 deaths from yellow fever; 12 cases, 2 deaths from smallpox.

Santos: For the fortnight ended September 28, clean bill of health.

Victoria: For the fortnight ended September 28, clean bill of health.

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

JAS. SANDERSON,
Clerk, Quarantine Board.

The SUPERVISING SURGEON-GENERAL,
U. S. Marine-Hospital Service.

STATISTICAL REPORTS.

AFRICA—*Lorenzo Marquez*.—Month of January, 1898. Estimated population, 4,902. Total number of deaths, 59, including 3 from smallpox.

BERMUDA.—Two weeks ended October 21, 1898. Estimated population, 15,013. Total number of deaths, 2, including 1 from enteric fever.

BRAZIL—*Ceara*.—Month of August, 1898. Estimated population, 50,000. Total number of deaths, 114. No deaths from contagious diseases.

Month of September, 1898. Total number of deaths, 112. No deaths from contagious diseases.

FRANCE—*Rouen*.—Month of September, 1898. Estimated population, 112,657. Total number of deaths, 289, including enteric fever, 4; scarlet fever, 1, and 40 from phthisis pulmonalis.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 33 great towns in England and Wales during the week ended October 15 correspond to an annual rate of 19.0 a thousand of the aggregate population, which is estimated a 11,218,378. The highest rate was recorded in Norwich, viz, 28.5, and the lowest in Croydon, viz, 11.7.

London.—One thousand six hundred deaths were registered during

the week, including smallpox, 1; measles, 9; scarlet fever, 7; diphtheria, 41; whooping cough, 17; enteric fever, 18, and diarrhea and dysentery 99. The deaths from all causes correspond to an annual rate of 18.5 a thousand. In greater London 2,060 deaths were registered, corresponding to an annual rate of 16.8 a thousand of the population. In the "outer ring" the deaths included 6 from diphtheria, 4 from measles, and 9 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended October 15 in the 23 principal town districts of Ireland was 23.9 a thousand of the population. The lowest rate was recorded in Ballymena, viz, 5.6, and the highest in Kilkenny and Londonderry, viz, 33.0 a thousand. In Dublin and suburbs 167 deaths were registered, including enteric fever, 3; measles, 1; scarlet fever, 2, and whooping cough, 1.

Scotland.—The deaths registered in 8 principal towns during the week ended October 15 correspond to an annual rate of 20.7 a thousand of the population, which is estimated at 1,568,536. The lowest mortality was recorded in Aberdeen, viz, 12.6, and the highest in Greenock, viz, 28.1 a thousand. The aggregate number of deaths registered from all causes was 625, including diphtheria, 8; measles, 5; scarlet fever, 7, and whooping cough, 19.

Dundee.—Month of September, 1898. Estimated population, 163,090. Total number of deaths, 274, including diphtheria, 1; enteric fever, 2; measles, 2; scarlet fever, 2; whooping cough, 6, and 17 from phthisis pulmonalis.

NORFOLK ISLAND.—Month of August, 1898. Estimated population, 876. No deaths and no contagious diseases.

UNITED STATES OF COLOMBIA—Carthagena.—Month of September, 1898. Estimated population, 25,000. Total number of deaths, 50, including 1 from yellow fever.

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. |
| Amsterdam..... | Oct. 15..... | 509,389 | 171 | | | | 1 | | 2 | 6 |
| Antwerp..... | Oct. 8..... | 282,872 | 93 | | | | | 8 | 2 | 1 |
| Bahia..... | Oct. 1..... | 173,579 | | | 3 | | | | | |
| Do..... | Oct. 8..... | 173,879 | | 2 | | | | | | |
| Barranquilla..... | Oct. 1..... | 40,000 | 18 | | | | 2 | | | |
| Do..... | Oct. 8..... | 40,000 | 15 | | | | 1 | | | |
| Belfast..... | Oct. 15..... | 304,610 | 163 | | | | 18 | 1 | 4 | 1 |
| Belize..... | Oct. 20..... | 13,000 | 5 | | | | | | | 5 |
| Belleville..... | Oct. 24..... | 10,300 | 3 | | | | | | | |
| Berlin..... | Oct. 1..... | 1,728,201 | 916 | | | | 1 | 10 | 10 | 3 |
| Birmingham..... | Oct. 15..... | 510,343 | 198 | | | | 2 | 1 | 2 | 3 |
| Bluefields..... | do..... | 3,018 | 5 | | | | | | | |
| Bombay..... | Sept. 27..... | 821,764 | a 864 | 2 | | | 2 | | | 3 |
| Bremen..... | Oct. 8..... | 144,000 | 62 | | | | | | 1 | |
| Bristol..... | Oct. 15..... | 316,900 | 102 | | | | 1 | | | 1 |
| Brussels..... | Oct. 8..... | 531,024 | 176 | | | | 2 | 1 | | 3 |
| Budapest..... | do..... | 640,000 | | | | | 3 | 2 | 2 | |
| Calcutta..... | Sept. 17..... | 681,560 | 5324 | 2 | 1 | | | | | 1 |
| Callao..... | Oct. 2..... | 25,000 | 15 | | | | | | | |
| Cardiff..... | Oct. 15..... | 177,770 | 45 | | | | | | | |
| Catania..... | Oct. 13..... | 120,000 | 74 | | 1 | 10 | | 1 | | |
| Chemnitz..... | Oct. 8..... | 172,840 | 72 | | | | | | 3 | |
| Christiania..... | Oct. 15..... | 207,000 | 64 | | | | 2 | | | |
| Cologne..... | Oct. 8..... | 348,836 | 169 | | | | 2 | 4 | 2 | |
| Colombo..... | Sept. 17..... | 130,000 | 69 | | | | 5 | | | |
| Do..... | Sept. 24..... | 130,000 | 70 | | | | | | | |
| Copenhagen..... | Oct. 8..... | 351,000 | 125 | | | | 1 | 2 | 1 | 1 |
| Dresden..... | Oct. 1..... | 385,300 | 122 | | | | | 1 | 1 | 1 |
| Dublin..... | Oct. 15..... | 349,594 | 167 | | | | 3 | 2 | 1 | 1 |
| Frankfort on the Main..... | do..... | 246,000 | 67 | | | | 1 | | 1 | 2 |
| Ghent..... | do..... | 161,125 | 65 | | | | | | | |
| Gibraltar..... | Oct. 9..... | 25,900 | 7 | | | | c 2 | | | |
| Girgenti..... | Oct. 8..... | 24,428 | 7 | | | | | | | |
| Glasgow..... | Oct. 15..... | 724,349 | 315 | | | | 9 | 4 | 3 | 1 |
| Gothenburg..... | Oct. 8..... | 120,552 | 29 | | | | 1 | | | |
| Guayaquil..... | Oct. 1..... | 50,000 | 32 | | | | | | | |
| Do..... | Oct. 8..... | 50,000 | 47 | | | | | | | |
| Halifax..... | Oct. 22..... | 38,700 | 16 | | | | | | | |
| Hamburg..... | Oct. 15..... | 661,015 | 221 | | | | 1 | 1 | 5 | 1 |
| Hamilton, Bermuda..... | Oct. 18..... | 15,013 | 1 | | | | | | | 6 |
| Do..... | Oct. 25..... | 15,013 | 1 | | | | | | | |
| Havre..... | Oct. 8..... | 119,470 | 77 | | | | 1 | | | 4 |
| Iquique..... | Sept. 3..... | 25,000 | 27 | | | | 1 | | | |
| Do..... | Sept. 10..... | 25,000 | 22 | | | | | | | |
| Do..... | Sept. 17..... | 25,000 | 17 | | | | | | | |
| Do..... | Sept. 24..... | 25,000 | 20 | | | | | | | |
| Kingston..... | Oct. 1..... | 25,000 | 26 | | | | 1 | | | |
| Leeds..... | Oct. 28..... | 18,800 | 9 | | | | | | | |
| Leghorn..... | Oct. 15..... | 416,618 | 158 | | | | 2 | | 8 | 4 |
| Leipsic..... | Oct. 9..... | 104,372 | 39 | | | | 1 | | | |
| Licata..... | Oct. 8..... | 422,071 | 162 | | | | 3 | 1 | 2 | 1 |
| Liège..... | do..... | 20,000 | 12 | | | | 1 | | | |
| Liverpool..... | Oct. 15..... | 168,150 | 54 | | | | | | | 1 |
| Livingston..... | do..... | 668,645 | 272 | | | | 1 | 5 | 2 | 4 |
| London..... | do..... | 1,500 | 0 | | | | | | | |
| London..... | do..... | 6,408,321 | 2,060 | | 1 | | 24 | 7 | 47 | 13 |
| Lyons..... | Oct. 8..... | 466,028 | 141 | | | | 4 | | | 1 |
| Madras..... | Sept. 23..... | 452,518 | 488 | 31 | | | | | | 3 |
| Magdeburg..... | Sept. 17..... | 223,068 | 137 | | | | | 1 | | 6 |
| Manchester..... | Oct. 15..... | 541,296 | 252 | | | | 2 | 1 | | 5 |
| Mannheim..... | Oct. 8..... | 109,714 | 45 | | | | | | | |
| Matamoras..... | Oct. 21..... | 16,304 | 6 | | | | | | | |
| Mayence..... | Oct. 8..... | 76,984 | 17 | | | | | | | |
| Do..... | Oct. 15..... | 76,984 | 25 | | | | | 1 | | 1 |
| Messina..... | do..... | 107,000 | 41 | | | | 1 | | | |
| Monte Christi..... | do..... | 3,000 | 0 | | | | | | | |
| Montevideo..... | Sept. 17..... | 215,061 | 72 | | | | 1 | | | |
| Do..... | Sept. 24..... | 215,061 | 69 | | | | | | | |
| Moscow..... | Oct. 10..... | 1,000,000 | 439 | | 2 | | 10 | 3 | 20 | 3 |
| Newcastle on Tyne..... | Oct. 15..... | 223,000 | 93 | | | | | | 2 | 2 |
| Nuremberg..... | Oct. 1..... | 190,750 | 104 | | | | | 2 | | 1 |

a Plague, 150. b Plague, 1. c Landed from a transport arriving from Egypt.

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. |
| Odeessa..... | Oct. 8..... | 400,600 | 163 | ..... | ..... | 1 | ..... | 5 | 3 | 4 |
| Palermo..... | do..... | 300,000 | 94 | ..... | ..... | ..... | ..... | 1 | 2 | 2 |
| Paris..... | do..... | 2,511,955 | 958 | ..... | ..... | ..... | 18 | 2 | 4 | 11 |
| Do..... | Oct. 15..... | 2,511,955 | 848 | ..... | ..... | 9 | 2 | 4 | 1 | 12 |
| Plymouth..... | do..... | 99,136 | 35 | ..... | ..... | ..... | 5 | 3 | 3 | ..... |
| Prague..... | Oct. 8..... | 198,320 | 109 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Puerto Cortes..... | Oct. 19..... | 2,000 | 0 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Quebec..... | Oct. 22..... | 73,000 | ..... | ..... | ..... | ..... | ..... | ..... | 3 | ..... |
| Rheims..... | Oct. 1..... | 108,943 | 68 | ..... | ..... | ..... | 3 | ..... | ..... | 1 |
| Do..... | Oct. 8..... | 108,943 | 48 | ..... | ..... | 4 | ..... | ..... | ..... | 1 |
| Rio de Janeiro..... | Aug. 26..... | 750,000 | a 232 | 7 | ..... | ..... | ..... | ..... | ..... | ..... |
| Do..... | Sept. 2..... | 750,000 | b 238 | 6 | 2 | ..... | ..... | ..... | 1 | ..... |
| Do..... | Sept. 9..... | 750,000 | c 197 | 5 | ..... | ..... | ..... | ..... | ..... | 1 |
| Do..... | Sept. 16..... | 750,000 | d 234 | 2 | ..... | ..... | 2 | ..... | ..... | ..... |
| Do..... | Sept. 23..... | 750,000 | e 225 | 3 | 4 | ..... | 2 | ..... | ..... | 1 |
| Rotterdam..... | Sept. 15..... | 304,838 | 115 | ..... | ..... | 4 | ..... | ..... | ..... | ..... |
| St. Georges, Bermuda..... | do..... | 2,150 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Do..... | Sept. 22..... | 2,150 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| St. Stephen, N. B..... | do..... | 3,000 | 0 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| St. Thomas, W. I..... | Sept. 16..... | 12,019 | 4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Do..... | Sept. 23..... | 12,019 | 7 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Schiedam..... | Oct. 15..... | 26,884 | 11 | ..... | ..... | 1 | ..... | ..... | ..... | ..... |
| Sheffield..... | do..... | 360,036 | 140 | ..... | ..... | 3 | 2 | 3 | 3 | 1 |
| South Shields..... | do..... | 98,922 | 51 | ..... | ..... | 5 | 4 | 3 | 3 | 1 |
| Stettin..... | Oct. 8..... | 150,000 | 62 | ..... | ..... | 2 | 3 | 2 | ..... | ..... |
| Stockholm..... | do..... | 283,550 | 85 | ..... | ..... | ..... | 1 | 3 | ..... | ..... |
| Stuttgart..... | Oct. 13..... | 162,934 | 54 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Trapani..... | Oct. 8..... | 45,095 | 15 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Trieste..... | do..... | 165,000 | 80 | ..... | ..... | ..... | 3 | ..... | ..... | ..... |
| Venice..... | do..... | 169,545 | 57 | ..... | ..... | 3 | ..... | ..... | ..... | ..... |
| Vera Cruz..... | Oct. 20..... | 30,000 | 63 | 14 | ..... | ..... | ..... | ..... | ..... | ..... |
| Vienna..... | Oct. 1..... | 1,590,295 | 567 | ..... | ..... | 4 | 2 | 8 | 5 | ..... |
| Warsaw..... | Oct. 8..... | 601,406 | 353 | ..... | 6 | 2 | 45 | 7 | 10 | ..... |
| Winnipeg..... | Oct. 22..... | 45,000 | ..... | ..... | ..... | 2 | ..... | ..... | ..... | ..... |
| Yokohama..... | Oct. 16..... | 189,455 | ..... | ..... | ..... | 3 | ..... | 1 | ..... | ..... |
| Do..... | Oct. 23..... | 189,455 | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... |
| Do..... | Oct. 30..... | 189,455 | ..... | ..... | ..... | 5 | ..... | 1 | ..... | ..... |
| Zurich..... | Oct. 8..... | 162,233 | 56 | ..... | ..... | ..... | 2 | ..... | 1 | ..... |

a Beriberi, 1. *b* Beriberi, 2. *c* Beriberi, 1. *d* Beriberi, 3. *e* Beriberi, 2.

By authority of the Secretary of the Treasury:

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