

# Public Health Reports

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## UNITED STATES.

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

### *Smallpox in the District of Columbia.*

WASHINGTON, D. C., May 5, 1898.

SIR: I have the honor to inform you that since my last report 3 additional cases of varioloid have been reported from Freedmens Hospital. These cases are all of an exceedingly mild type, occurring in persons who were successfully vaccinated on the 2d ultimo. The entire number of cases since the beginning of the present outbreak is 9. Four of them have been discharged from the hospital, leaving 5 still remaining in that institution.

Very respectfully,

WM. C. WOODWARD, M. D.,  
*Health Officer.*

### *Smallpox in Mobile, Ala.*

MOBILE, ALA., May 6, 1898.

SIR: I have the honor to report that since the 30th ultimo 6 cases of smallpox have been admitted to the pesthouse. Three of these occurred in Whistler, a village 5 miles from Mobile; 2 were discovered in the city, and the origin is not known; all colored. One occurred in a recruit of the First Alabama Volunteers in a young man who recently came from near Selma. His tent mates have been isolated and vaccination of the whole regiment performed with other restrictive measures.

Another case (the seventh) exists in a white man, who is cared for at his home about 3 miles in the country.

The camp at Hurricane Bayou has been enlarged by erection of tents; I can not get figures for this report.

I am, very respectfully, your obedient servant,

R. D. MURRAY,  
*Surgeon, U. S. M. H. S.*

*Smallpox in Pulaski County, Ark.*

LITTLE ROCK, ARK., May 7, 1898.

SIR: I have the honor to report as follows concerning smallpox in Pulaski County, Ark.: To date there have been in the city of Little Rock and Argenta (North Little Rock) 71 cases. Of this number, 46 are now in the smallpox hospital, 7 are under treatment in the city, 11 have been discharged from the hospital, and 7 have recovered and been released in the city. Cases of smallpox are reported 4 miles southwest of the city, 5 miles south of the city, and at Sweet Home 5 miles southeast of the city. Cases are also reported at Scott's Station on the Altheimer branch of the St. Louis and Southwestern Railway, 16 miles southeast of Little Rock.

Very respectfully,

L. P. GIBSON,  
*Acting Assistant Surgeon, U. S. M. H. S.**One case of smallpox in Chicago, Ill.*

SPRINGFIELD, ILL., May 4, 1898.

SIR: In conformity with the agreement entered into between the various State boards of health, I have the honor to inform you that a case of smallpox exists at Chicago, in the county of Cook, in this State. The person sick came from Mount Pleasant, Tenn. The origin of the disease is unknown.

Very respectfully,

J. A. EGAN, M. D.,  
*Secretary, State Board of Health.**Smallpox in Cincinnati and Columbus, Ohio.*

COLUMBUS, OHIO, May 5, 1898.

SIR: In compliance with the resolutions adopted by the conference of State and provincial boards of health, October 6, 1886, it becomes my duty to inform you that a case of smallpox has been reported in Cincinnati, Ohio, in a negro coming from Kentucky. One case in Columbus; origin, Carroll, Ohio.

Respectfully, yours,

C. O. PROBST, M. D.,  
*Secretary.**Investigation of smallpox at Columbia and Sumter, S. C.*

WILMINGTON, N. C., May 2, 1898.

SIR: I have the honor to report that in obedience to orders, Surgeon General's Office, April 23, 1898, I proceeded to Columbia, S. C., arriving at 10.30 p. m., April 27. I reported to the board of health of the city, and made an investigation of the situation. I found much the same condition of affairs here, as in so many other places. The disease not having been recognized as smallpox, or, at least, there had been such a difference of opinion in regard to it that the board of health had found great difficulty in inducing the people to take necessary precautions, or to get sufficient funds to properly handle the disease. At the time of my arrival, there were between 75 and 100 cases of smallpox in the city. Of this number, 53 were in a small building, some 2 miles distant from the city, under the care of a physician who was quarantined with the cases. There were numerous other cases scattered throughout the city, with whom persons were constantly coming in contact. These

cases were directed to remain at home, but there were no guards over them, and other members of the family went in and out as it pleased them. Vaccination was proceeding in rather a desultory fashion, and probably a third of the people had been more or less successfully vaccinated. There was a good deal of opposition to the vaccination ordinance, owing to the fact that there had been so many cases of greatly inflamed arms as a result of vaccination. A new board of health, mayor, and board of aldermen had just been elected, and had assumed office about one week previous to my arrival. The new officers had taken hold of the situation with vigor; an unused factory building had been secured and was being converted into a smallpox hospital, and they were awaiting my arrival to determine what further measures to adopt. I advised that a suspect camp be established, to which all persons who had been exposed, be taken and detained until the period of incubation had passed; that a corps of inspectors be organized; the city divided into a number of districts, and a house-to-house inspection be made by the inspectors, who should vaccinate all unprotected persons; that these inspectors should see every individual in his district at least every three days, and more frequently if possible; that sufficient guards be employed to guard the smallpox hospital and suspect camp; that a disinfecting division be formed to disinfect promptly all houses in which cases of smallpox had appeared. I made out a plan of organization and suggested methods of putting it into practice. At the request of the board of health, I appeared before the board of aldermen, assembled in special session to consider the situation, and outlined to them the measures that I considered necessary to suppress the epidemic. After hearing my statement, the board of aldermen appropriated the sum of \$3,000 additional for the suppression of smallpox. The board of health went vigorously to work to put into practice the suggestions offered, moving the patients to the new hospital, organizing a suspect camp, starting out a corps of inspectors, and otherwise taking the necessary steps to stamp out the disease. I called to pay my respects to his excellency W. H. Ellerbe, governor of South Carolina, and was requested by him to investigate the situation relative to the dangers from smallpox to the State troops, whose mobilization at Columbia previous to being mustered into the service of the United States was being considered. In view of the fact that there were a number of unguarded cases of smallpox in the city, and that it was not possible with the knowledge then possessed to say to what extent the city was infected, I advised against the mobilization of troops at Columbia at that time.

I left Columbia in the afternoon of April 29, arriving at Sumter, S. C., the same evening. In company with Dr. C. S. Baker, president of the Sumter board of health, I visited the smallpox hospital and found 1 case of smallpox (a negro) in the third week of the disease. I also saw 2 cases (white) in the city; 1 in the third day of the disease and 1 in the third day of the eruption. I confirmed the diagnosis of smallpox in all these cases. I was informed that there were other cases in the city, making a total of 10 or 12. I advised the same measures as at Columbia. I met the mayor and the city council, explained the situation to them, and advised with them as to the measures to be taken to suppress the disease. They appropriated \$1,500 as an epidemic fund, and the board of health proceeded to put into effect the measures suggested. I left Sumter May 1, arriving at Wilmington the same afternoon. The disease continues to be of a mild type, but seems to be

increasing in virulence. I noticed about a dozen confluent cases in the hospital at Columbia, 1 of which was dying at the time of my visit.

In each of the places that I have visited, the authorities have expressed themselves as grateful to the Marine-Hospital Service, and said that the visit had been of great assistance to them. The fact that the type of the disease has been so mild, with but few deaths, has led to the diagnosis of chickenpox, etc., by some members of the profession, and "elephant itch," "nigger itch," and numerous other names that are unfamiliar to medical men, by the laity. All of this, with the fact that very much inflamed arms after vaccination have been the rule, rather than the exception, has led to marked apathy in handling the disease, and strong opposition to compulsory vaccination. The statement of an officer of the Marine-Hospital Service, confirming the diagnosis of smallpox, and pointing out the dangers the presence of this disease in the city involves, usually has the effect of arousing the people to a realization of the situation, and they promptly acquiesce in any measures required by the authorities for its suppression. In this way the Service is rendering great assistance to the people. Many physicians have never seen a case of smallpox, and are unfamiliar with the methods necessary for its suppression.

Respectfully, yours,

C. P. WERTENBAKER,  
*Passed Assistant Surgeon, U. S. M. H. S.*

*Smallpox in Tennessee during April, 1898.*

NASHVILLE, *May 1, 1898.*

SIR: The following is a statement showing the number of cases of smallpox developed in Tennessee during the month of April; also showing source of infection:

| Points infected.                  | White.   | Colored.  | Totals.   | Source of infection. |
|-----------------------------------|----------|-----------|-----------|----------------------|
| Knoxville, Knox County.....       | 6        | 6         | 12        | Former cases.        |
| Chattanooga, Hamilton County..... |          | 1         | 1         | Do.                  |
| Rutledge, Grainger County.....    | 2        |           | 2         | Unknown.             |
| Cleveland, Bradley County.....    |          | 6         | 6         | Chattanooga.         |
| Memphis, Shelby County.....       |          | 1         | 1         | Little Rock, Ark.    |
| <b>Total.....</b>                 | <b>8</b> | <b>14</b> | <b>22</b> |                      |

During the past month, only two additional points were infected, namely, Cleveland, Bradley County, and Memphis. We are gratified to report the disease entirely stamped out at all points in Tennessee, with the exceptions as shown above.

Very respectfully,

J. A. ALBRIGHT, M. D.,  
*Secretary and Executive Officer, State Board of Health.*

*Smallpox in Columbus, Tex.*

COLUMBUS, TEX., *April 30, 1898.*

SIR: In accordance with your request, I am pleased to hand you herewith a statement of the cases of smallpox coming under my care while acting as health officer for this city.

My report has been ready since April 2, but was withheld, with the intention of making a "joint report" with Dr. Thornton, who succeeded me as city health officer. \* \* \*

Of the 30 cases coming under my care, 18 were confluent, 1 corymbic, and 1 hemorrhagic, as regards the form of disease; of these, 6 cases of the confluent type and the 1 hemorrhagic died.

During the latter part of this epidemic, the prevailing type of disease was varioloid, as vaccination had been practiced on nearly all the inhabitants of our town successfully. \* \* \*

Yours, respectfully,

R. H. HARRISON, JR., M. D.

*Report on smallpox in West Virginia.*

POINT PLEASANT, W. VA., *May 6, 1898.*

SIR: Your telegram just received and answered. Have just received letter from one of the three members of our board now in the infected smallpox region in the southwestern part of this State, in the counties of McDowell, Mercer, and Fayette, in which several counties there is a population alone of negroes of from 20,000 to 25,000 working in coal mines and coke furnaces.

I was in Mercer County some months ago, where quarantine and guard, etc., was established with some thirty-five or forty cases of smallpox. Had it pretty well stamped out, and but for the inefficiency of health boards of Virginia at Pocahontas, on the border line of our State, and from which point we have all the while been infected, we would to-day have been freed entirely from the disease. McDowell and Fayette counties have been infected also by escapes from Pocahontas, Va. I appealed to Paulus A. Irving, secretary State board of health of Virginia, to have his local boards of health more vigilant, but got but little done. He telegraphed me yesterday that he would meet me to-day at Pocahontas, and I wired him that several members of the board (three in number), and the local boards of the respective infected counties would be with him at time and place designated by him, and wired our boards to meet him.

There are, perhaps, not over eight or ten cases of smallpox in Fayette, some six or eight new cases in Mercer, and some dozen, perhaps, in McDowell.

It is the great number of people who have been exposed to the disease, now, too, among the white population, that is creating such excitement. Vaccination is general. Railroad officials, owners, and lessees of coal mines and coke furnaces, county courts, and doctors in private practice are giving our State and local boards their hearty cooperation, and if Virginia, along our line, will do her part, we hope soon to control the disease. Will get a full report from the infected field in a day or two and will further report.

A. R. BARBEE,

*Secretary of State Board of Health of West Virginia,*

*Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, January 1 to May 13, 1898.*

| Places.                                       | Date.                | Cases. | Deaths. | Remarks.                |
|---|----------------------|--------|---------|-------------------------|
| <b>Alabama:</b>                               |                      |        |         |                         |
| Bessemer.....                                 | Jan. 6.....          | 42     |         |                         |
|   | Jan. 9-Jan. 26.....  | 78     |         |                         |
|   | Jan. 30-Feb. 19..... | 23     |         |                         |
| Birmingham.....                               | Jan. 6-Jan. 8.....   | 11     |         |                         |
|   | Jan. 9-Jan. 26.....  | 29     |         |                         |
|   | Jan. 30-Feb. 19..... | 7      |         |                         |
| In Jefferson county, outside of the city..... | Feb. 6-Feb. 19.....  | 26     |         |                         |
| Carneys Bluff.....                            | Feb. 17.....         |        |         | Smallpox reported.      |
| Corona.....                                   | Mar. 4.....          | 1      |         |                         |
| Dolomite.....                                 | Dec. 1-Jan. 17.....  | 21     |         |                         |
| Gosport.....                                  | Feb. 17.....         |        |         | Do.                     |
| Glendon.....                                  | Feb. 17.....         |        |         | Do.                     |
| Haynesville.....                              | Mar. 11.....         | 400    |         |                         |
| Horse Creek Mine.....                         | Mar. 4.....          | 3      |         |                         |
| Hurricane Bayou.....                          | Mar. 31-Apr. 30..... | 22     |         |                         |
| Jackson.....                                  | Feb. 17.....         | 10     |         |                         |
| Mobile.....                                   | Feb. 5-Apr. 30.....  | 50     | 1       |                         |
|   | May 6.....           | 7      |         |                         |
| Montevallo.....                               | Mar. 3.....          | 1      |         |                         |
| Newton.....                                   | Jan. 15-Feb. 2.....  | 7      |         |                         |
| Nichola.....                                  | Feb. 17.....         |        |         | Do.                     |
| Oxmar.....                                    | Jan. 19.....         |        |         | Do.                     |
| Patton.....                                   | Feb. 1-Mar. 4.....   | 9      |         |                         |
| Pinckard.....                                 | Feb. 2.....          | 50     |         |                         |
| Rock Springs.....                             | Mar. 11.....         | 15     |         |                         |
| Salitpa.....                                  | Feb. 17.....         |        |         | Do.                     |
| Selma.....                                    | Jan. 13-Feb. 14..... | 3      |         |                         |
| Shelby.....                                   | Jan. 29-Apr. 22..... | 8      |         |                         |
| Talladega.....                                | Jan. 9-Jan. 26.....  | 41     |         |                         |
|   | Jan. 27-Feb. 15..... | 4      |         |                         |
| Walker Springs.....                           | Feb. 17.....         |        |         | Do.                     |
| <b>Arkansas:</b>                              |                      |        |         |                         |
| Fair Oaks.....                                | Mar. 1.....          | 5      |         |                         |
| Little Rock and vicinity.....                 | Mar. 31-May 7.....   | 71     |         |                         |
| Newport.....                                  | Apr. 28.....         | 1      |         |                         |
| <b>District of Columbia:</b>                  |                      |        |         |                         |
| Washington.....                               | Feb. 7.....          | 1      |         | Naval Hospital.         |
|   | Apr. 2-May 5.....    | 9      |         |                         |
| <b>Florida:</b>                               |                      |        |         |                         |
| Jacksonville.....                             | Mar. 20-Mar. 26..... | 1      |         |                         |
| Pensacola.....                                | Apr. 24.....         | 1      |         |                         |
| Washington County.....                        | Jan. 24.....         | 12     |         |                         |
| <b>Georgia:</b>                               |                      |        |         |                         |
| Atlanta.....                                  | Jan. 17.....         | 131    |         | Most cases from county. |
|   | Jan. 18-Jan. 25..... | 18     | 1       |                         |
|   | Jan. 26-Feb. 16..... | 29     | 1       |                         |
| Cartersville.....                             | Jan. 15-Mar. 1.....  | 9      | 1       |                         |
| Griffin.....                                  | Feb. 12.....         | 2      |         |                         |
| Macon.....                                    | Jan. 15-Apr. 1.....  | 64     | 1       |                         |
| Stilesboro.....                               | Jan. 15.....         |        |         | Smallpox reported.      |
| <b>Illinois:</b>                              |                      |        |         |                         |
| Chicago.....                                  | May 4.....           | 1      |         |                         |
| <b>Indiana:</b>                               |                      |        |         |                         |
| Evansville.....                               | Feb. 26.....         | 1      |         |                         |
| <b>Kentucky:</b>                              |                      |        |         |                         |
| Butler.....                                   | Feb. 8-Feb. 24.....  | 1      |         |                         |
| Louisville.....                               | Apr. 16.....         | 1      |         |                         |
| Middlesborough.....                           | Feb. 3-Apr. 7.....   | 183    | 2       |                         |
| <b>Louisiana:</b>                             |                      |        |         |                         |
| New Orleans.....                              | Mar. 13-Apr. 2.....  | 3      |         |                         |
| <b>Massachusetts:</b>                         |                      |        |         |                         |
| Greenfield.....                               | Feb. 5-Feb. 22.....  | 1      |         |                         |
| Westfield.....                                | Feb. 20-Mar. 2.....  | 1      |         |                         |
| <b>Michigan:</b>                              |                      |        |         |                         |
| Ionis.....                                    | Mar. 20-Apr. 23..... |        |         | Do.                     |
| Royal Oak.....                                | Feb. 12-Mar. 12..... | 1      |         |                         |
| <b>Mississippi:</b>                           |                      |        |         |                         |
| Moss Point.....                               | Feb. 15.....         | 1      |         |                         |
| <b>New Jersey:</b>                            |                      |        |         |                         |
| Westfield.....                                | Mar. 4.....          | 1      |         |                         |
| <b>New Mexico:</b>                            |                      |        |         |                         |
| Albuquerque and vicinity.....                 | Mar. 5-Apr. 1.....   | 14     |         |                         |
| <b>New York:</b>                              |                      |        |         |                         |
| Deposit.....                                  | Nov. 1-Nov. 30.....  | 1      |         |                         |
| <b>North Carolina:</b>                        |                      |        |         |                         |
| Alamance County.....                          | Feb. 18-Feb. 25..... | 1      |         |                         |
| Buncombe County.....                          | Apr. 16.....         | 1      |         |                         |

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

| Places.                          | Date.               | Cases. | Deaths. | Remarks.           |
|----------------------------------|---------------------|--------|---------|--------------------|
| <b>North Carolina—Continued.</b> |                     |        |         |                    |
| Charlotte.....                   | Jan. 25.....        | 2      |         |                    |
|                                  | Jan. 26—Feb. 12.... | 2      |         |                    |
| Clay County.....                 | Feb. 15—Feb. 24.... | 3      |         |                    |
| Wilmington.....                  | Jan. 12.....        | 1      |         |                    |
| <b>Ohio:</b>                     |                     |        |         |                    |
| Cincinnati.....                  | May 5.....          | 1      |         |                    |
| Columbus.....                    | Apr. 16—Apr. 22.... | 1      |         |                    |
| Fairfield County.....            | Apr. 8.....         | 7      | 1       |                    |
| <b>Pennsylvania:</b>             |                     |        |         |                    |
| Philadelphia.....                | Apr. 13.....        | 2      |         |                    |
| <b>South Carolina:</b>           |                     |        |         |                    |
| Arkwright.....                   | Mar. 25.....        | 9      |         |                    |
| Beaufort.....                    | Jan. 17.....        |        |         | Smallpox reported. |
| Charleston.....                  | Apr. 22.....        | 1      |         |                    |
| Columbia.....                    | Apr. 6—May 2.....   | 86     |         |                    |
| Dyson.....                       | Mar. 25.....        | 3      |         |                    |
| Greenville.....                  | Jan. 17.....        |        |         | Do.                |
| Orangeburg.....                  | Jan. 17.....        |        |         | Do.                |
| Pelham.....                      | Mar. 25.....        | 20     |         |                    |
| Ridge Springs.....               | Mar. 25.....        | 1      |         |                    |
| Rock Hill.....                   | Jan. 17.....        |        |         | Do.                |
| Spartanburg.....                 | Jan. 17.....        |        |         | Do.                |
| Sumter.....                      | May 2.....          | 12     |         |                    |
| Swansea.....                     | Jan. 15.....        |        |         | Do.                |
| <b>Tennessee:</b>                |                     |        |         |                    |
| Bristol.....                     | Mar. 1—Mar. 31....  | 1      |         |                    |
| Chattanooga.....                 | Jan. 1—Jan. 29....  | 1      |         |                    |
|                                  | Feb. 1—Mar. 31....  | 19     |         |                    |
|                                  | Apr. 1—Apr. 30....  | 1      |         |                    |
| Cleveland.....                   | Apr. 1—Apr. 30....  | 6      |         |                    |
| Elk Valley.....                  | Mar. 1—Mar. 31....  | 1      |         |                    |
| Huntington (near).....           | Jan. 1—Jan. 29....  | 1      |         |                    |
| Jellico.....                     | Feb. 1—Mar. 31....  | 9      |         |                    |
| Johnson City.....                | Feb. 1—Mar. 31....  | 13     |         |                    |
| Knoxville.....                   | Jan. 1—Jan. 29....  | 3      |         |                    |
|                                  | Feb. 1—Mar. 31....  | 28     |         |                    |
|                                  | Apr. 1—Apr. 30....  | 12     |         |                    |
| Lenoir City.....                 | Jan. 1—Jan. 29....  | 2      |         |                    |
|                                  | Feb. 1—Feb. 28....  | 3      |         |                    |
| Memphis.....                     | Jan. 22—Jan. 29.... | 1      |         |                    |
|                                  | Jan. 30—Apr. 30.... | 3      |         |                    |
| Mingo mines <sup>2</sup> .....   | Jan. 1—Jan. 29....  | 6      |         |                    |
| Mingo.....                       | Feb. 1—Mar. 31....  | 3      |         |                    |
| Morristown.....                  | Feb. 1—Mar. 31....  | 6      |         |                    |
| Newcomb.....                     | Feb. 1—Feb. 28....  | 3      |         |                    |
| Rockford.....                    | Mar. 1—Mar. 31....  | 1      |         |                    |
| Rutledge.....                    | Feb. 1—Mar. 31....  | 12     |         |                    |
|                                  | Apr. 1—Apr. 30....  | 2      |         |                    |
| Shields Ferry.....               | Mar. 1—Mar. 31....  | 4      |         |                    |
| Sprowles.....                    | Mar. 1—Mar. 31....  | 1      |         |                    |
| <b>Texas:</b>                    |                     |        |         |                    |
| Brownsville.....                 | Feb. 26.....        | 1      |         |                    |
| Columbus.....                    | Feb. 2—Apr. 2....   | 30     | 7       |                    |
| <b>Virginia:</b>                 |                     |        |         |                    |
| Colburn.....                     | Feb. 1.....         |        |         | Do.                |
| Norfolk.....                     | Mar. 1—Mar. 10....  | 2      |         |                    |
| Norton.....                      | Feb. 1.....         |        |         | Do.                |
| <b>West Virginia:</b>            |                     |        |         |                    |
| Bluefield.....                   | Feb. 25.....        | 5      |         |                    |
| Fayette County.....              | May 6.....          | 8      |         |                    |
| Mercer County.....               | May 6.....          | 6      |         |                    |
| McDowell County.....             | May 6.....          | 12     |         |                    |

*Report of immigration at Boston for the week ended May 7, 1898.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Boston, May 7, 1898.*

*Number of alien immigrants who arrived at this port during the week ended May 7, 1898;  
 also names of vessels and ports from which they came.*

| Date.  | Vessel.                       | Wherefrom.                      | No. of immigrants. |
|--------|-------------------------------|---------------------------------|--------------------|
| May 1  | Steamship Pavonia.....        | Liverpool, England.....         | 1,058              |
| Do.... | Steamship Yarmouth.....       | Yarmouth, Nova Scotia.....      | 63                 |
| Do.... | Steamship Ottoman.....        | Liverpool, England.....         | 30                 |
| May 2  | Steamship Belvidere.....      | Port Morant, Jamaica.....       | 7                  |
| Do.... | Schooner Oriel.....           | River Herbert, Nova Scotia..... | 1                  |
| May 3  | Steamship Prince Edward.....  | Yarmouth, Nova Scotia.....      | 26                 |
| Do.... | Steamship Sachem.....         | Liverpool, England.....         | 20                 |
| Do.... | Schooner Saint Marie.....     | Hamilton, Bermuda.....          | 3                  |
| Do.... | Steamship Hercynia.....       | Hamburg, Germany.....           | 63                 |
| Do.... | Steamship Philadelphian.....  | Liverpool, England.....         | 16                 |
| May 4  | Steamship British Trader..... | London, England.....            | 9                  |
| May 5  | Steamship Yarmouth.....       | Yarmouth, Nova Scotia.....      | 32                 |
| Do.... | Steamship Columbian.....      | London, England.....            | 15                 |
| Do.... | Steamship Storm King.....     | Antwerp, Belgium.....           | 1                  |
| May 6  | Steamship Prince Edward.....  | Yarmouth, Nova Scotia.....      | 17                 |
| Do.... | Steamship Halifax.....        | Halifax, Nova Scotia.....       | 29                 |
| May 7  | Steamship Alabama.....        | Bluefields, Nicaragua.....      | 18                 |
| Do.... | Steamship Oriel.....          | London, England.....            | 11                 |
| Do.... | Steamship Carinthia.....      | Liverpool, England.....         | 21                 |
|        | Total.....                    |                                 | 1,440              |

GEORGE B. BILLINGS,  
*Commissioner.*

*Report of immigration at New York for the week ended May 7, 1898.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of New York, May 9, 1898.*

*Number of alien immigrants who arrived at this port during the week ended May 7, 1898;  
 also names of vessels and ports from which they came.*

| Date.  | Vessel.                                  | Where from.                   | No. of immigrants. |
|--------|--|-------------------------------|--------------------|
| May 1  | Steamship La Bourgogne.....              | Havre.....                    | 481                |
| Do.... | Steamship Hesperia.....                  | Marseilles and Naples.....    | 613                |
| May 2  | Steamship State of Nebraska.....         | Glasgow.....                  | 56                 |
| May 3  | Steamship Alesia.....                    | Marseilles and Naples.....    | 568                |
| Do.... | Steamship Werkendam.....                 | Rotterdam.....                | 134                |
| May 4  | Steamship Noordland.....                 | Antwerp.....                  | 237                |
| Do.... | Steamship Kaiser Wilhelm der Grosse..... | Bremen.....                   | 543                |
| May 5  | Steamship Oldenburg.....                 | .....do.....                  | 461                |
| Do.... | Steamship Servia.....                    | Liverpool and Queenstown..... | 708                |
| Do.... | Steamship Fulda.....                     | Genoa and Naples.....         | 880                |
| May 6  | Steamship Britannic.....                 | Liverpool and Queenstown..... | 657                |
| Do.... | Steamship Scindia.....                   | Naples.....                   | 1,117              |
| Do.... | Steamship Scotia.....                    | Hamburg.....                  | 192                |
| Do.... | Steamship Norge.....                     | Copenhagen, etc.....          | 131                |
| May 7  | Steamship Etruria.....                   | Liverpool and Queenstown..... | 293                |
| Do.... | Steamship Pennsylvania.....              | Hamburg.....                  | 589                |
| Do.... | Steamship Edam.....                      | Rotterdam.....                | 62                 |
|        | Total.....                               |                               | 7,722              |

J. J. QUINLAN,  
*Acting Commissioner.*

*Report of rejected immigrants at the port of New York for the month of April, 1898.*

U. S. IMMIGRATION SERVICE,  
MEDICAL DIVISION, BARGE OFFICE,  
New York, N. Y., May 4, 1898.

Report of the number of immigrants examined by the medical examiners at the port of New York during the month of April, 1898, and rejected as suffering from a loathsome or dangerous contagious disease.

Number of steerage passengers examined during the month, 30,018; rejected as suffering from loathsome or dangerous contagious disease and detained pending action of the commissioner of immigration, 67.

| Disease.       | Admitted. | Deported. | Remaining. |
|----------------|-----------|-----------|------------|
| Favus.....     | 30        | 25        | 1          |
| Trachoma ..... | 37        | 33        | 3          |

One case of favus was admitted by order of United States court, as the immigrant was the child of an American citizen. One case of favus admitted, in transit to Canada. Two cases of favus deserted from hospital. One case of trachoma deserted from hospital. Warrants have been issued for the arrest of the deserters.

Respectfully submitted, J. H. WHITE,  
*Passed Assistant Surgeon, U. S. M. H. S.*

*Report of immigration at Philadelphia for the week ended May 7, 1898.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Philadelphia, May 7, 1898.*

*Number of alien immigrants who arrived at this port during the week ended May 7, 1898; also names of vessels and ports from which they came*

| Date.   | Vessel.                   | Where from.                    | No. of immigrants. |
|---------|---------------------------|--------------------------------|--------------------|
| May 2   | Steamship Ethelwold.....  | Jamaica .....                  | 3                  |
| May 3   | Steamship Rhyndland.....  | Liverpool and Queenstown ..... | 174                |
| May 4   | Steamship Schleswig.....  | Port de Paix .....             | 1                  |
| Do..... | Steamship Turanian.....   | Glasgow .....                  | 2                  |
| May 5   | Steamship Luciline.....   | Habana .....                   | 104                |
| May 6   | Steamship Osborne .....   | London .....                   | 1                  |
| Do..... | Steamship St. Hubert..... | do.....                        | 1                  |
|         | Total.....                |                                | 286                |

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

**QUARANTINE REPORTS.**  
*National quarantine and inspection 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. |
|-------------------------------------|--------------|-------------------------|------------------|------------------------|---------------|---|--------------------|--------------------|-------------------------------|
| Alexandria, Va.                     | May 7        | Sp. bk. Antonia         | Apr. 20          | Habana                 | Brunswick     | Disinfected and held                        | May 1              |                    | 2                             |
| Brunswick, Ga.                      | .....do..... | Jane, (a)               | Apr. 23          | Rio                    | .....do.....  | .....do.....                                | May 3              |                    | 3                             |
| Cape Charles Quarantine, Va.        | .....do..... | Br. bk. Origa, (a)      | May 2            | St. Lucia              | Hampton Roads | Disinfected                                 | May 5              |                    | 11                            |
|                                     | .....do..... | Br. ss. Southgate       | May 3            | Rio                    | Norfolk       | Disinfected and held                        | May 4              |                    |                               |
|                                     | .....do..... | Br. s. Canada           | .....do.....     | .....do.....           | Hampton Roads | Held for disinfection                       | .....do.....       | 4 suspicious cases |                               |
| Cape Fear, N. C.                    | .....do..... | Br. ss. Dulwich         | May 4            | Santos                 | .....do.....  | .....do.....                                | .....do.....       | No transactions    | 6                             |
| Delaware Breakwater                 | .....do..... | .....do.....            | .....do.....     | .....do.....           | .....do.....  | .....do.....                                | .....do.....       | No transactions    |                               |
| Eureka, Cal.                        | Apr. 27      | Nor. bk. Arca           | Apr. 4           | Rio                    | Ship Island   | Disinfected and held                        | Apr. 25            |                    | 1                             |
| Grays Harbor, Wash.                 | May 4        | Am. ss. Magnolia, (c)   | Apr. 19          | Progreso               | Handsboro     | .....do.....                                | Apr. 24            |                    |                               |
| Gulf Quarantine, Ship Island, Miss. | Apr. 30      | Nor. bk. Prince         | Apr. 20          | Rio                    | Ship Island   | Held for disinfection                       | Apr. 26            |                    |                               |
|                                     | .....do..... | Victor, (c)             | Apr. 21          | Habana                 | Pascagoula    | Disinfected and held                        | Apr. 27            |                    |                               |
|                                     | .....do..... | stone, (d)              | Apr. 22          | .....do.....           | Moss Point    | .....do.....                                | Apr. 28            |                    |                               |
|                                     | .....do..... | Am. sc. Henrietta       | .....do.....     | Spain via Cuba         | Ship Island   | .....do.....                                | Apr. 28            |                    |                               |
|                                     | .....do..... | J. Powell, (c)          | Apr. 23          | Cape Town via Barbados | .....do.....  | Inspected and held for instructions         | Apr. 26            |                    |                               |
|                                     | .....do..... | Sp. str. Saturnina, (c) | Apr. 23          | .....do.....           | .....do.....  | .....do.....                                | Apr. 26            |                    |                               |
|                                     | .....do..... | Br. bk. Innerwick, (c)  | Apr. 24          | Barranquilla           | .....do.....  | Disinfected and held                        | Apr. 30            |                    |                               |
|                                     | .....do..... | Am. sc. Edward Stewart  | Apr. 25          | St. Catherine          | Apalachicola  | .....do.....                                | .....do.....       |                    |                               |
|                                     | .....do..... | Nor. bk. Premier        | Apr. 28          | Vera Cruz              | Ship Island   | .....do.....                                | .....do.....       | No transactions    |                               |
| Newbern, N. C.                      | May 7        | Br. ss. Angers          | .....do.....     | .....do.....           | .....do.....  | .....do.....                                | .....do.....       | No transactions    |                               |

|   |              |                          |         |               |                   |   |         |   |         |
|---|--------------|--------------------------|---------|---------------|-------------------|---|---------|---|---------|
| Port Townsend, Wash.....                          | Apr. 30      | Jap. ss. Yamaguchi Maru. | Apr. 24 | Yokohama..... | Seattle.....      | Steerage and forecastle sprayed with bichloride solution. | Apr. 25 | 71 Japanese and 2 Chinese of crew, and 7 white, 16 Japanese and 48 Chinese steerage passengers are banded, and their bedding, clothing, and 81 pieces of baggage were disinfected by steam or bichloride solution. Chinese passengers were transhipped from Hongkong to Kobe, Japan, and most of crew were sent from Hongkong and Bombay. | 25      |
| Reedy Island Quarantine, Del.                     | May 7        | Br. ss. Sirocco.....     | May 5   | Habana.....   | Philadelphia..... | Held for disinfection.....                                | .....   | 10 Japanese and 580 Chinese steerage passengers from Br. ss. Gaelic, bathed and their clothing and baggage disinfected. On bill of health given at Hongkong 14 cases and 7 deaths from smallpox, and 78 cases and 50 deaths from plague, and at Yokohama 2 cases and 1 death from cholera.  | 2<br>15 |
| San Diego, Cal.....                               | Apr. 30      | .....do.....             | .....   | .....         | .....             | .....   | .....   | No transactions.....  | .....   |
| San Francisco Quarantine, Cal.                    | .....do..... | .....do.....             | .....   | .....         | .....             | .....   | .....   | .....do.....  | .....   |
| South Atlantic Quarantine, Blackbeard Island, Ga. | .....do..... | .....do.....             | .....   | .....         | .....             | .....   | .....   | .....   | .....   |
| Tortugas Quarantine, Key West, Fla.               | May 7        | .....                    | .....   | .....         | .....             | .....   | .....   | .....   | .....   |
| Washington, N. C.....                             | .....        | .....                    | .....   | .....         | .....             | .....   | .....   | .....   | .....   |

(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. |
|----------------------------|-------------|------------------------------|------------------|--------------------|---------------|--|--------------------|--|-------------------------------|
| Anclote, Fla.              |             |                              |                  |                    |               |  |                    | No report.   |                               |
| Apalachicola, Fla.         |             |                              |                  |                    |               |  |                    | do.  | 23                            |
| Baltimore, Md.             | May 7       |                              |                  |                    |               |  |                    | No report.   | 1                             |
| Baugor, Me.                | Apr. 30     |                              |                  |                    |               |  |                    |  | 13                            |
| Boca Grande                | do.         |                              |                  |                    |               |  |                    |  |                               |
| Boston, Mass.              |             |                              |                  |                    |               |  |                    |  |                               |
| Carrabelle, Fla.           | May 1       | Nor. bk. Mathilde            | Apr. 23          | Barbados.          | Carrabelle.   | Disinfected and held.                            |                    |  |                               |
|                            |             | Nor. bk. Heabet.             | Apr. 25          | do.                | Apalachicola. | do   |                    |  |                               |
|                            |             | Nor. bk. Duncraig            | do.              | do.                | do            | do   |                    |  |                               |
|                            |             | Am. sc. Clars                | May 7            | St. Lucia.         | Charleston.   | do   |                    |  |                               |
| Charleston, S. C.          | May 7       | Goodwin.                     |                  |                    |               |  |                    |  | 7                             |
| Elizabeth River, Va.       | do.         |                              |                  |                    |               |  |                    |  |                               |
| Galveston, Tex.            |             |                              |                  |                    |               |  |                    |  |                               |
| Gardiner, Oreg.            |             |                              |                  |                    |               |  |                    |  |                               |
| Georgetown, S. C.          |             |                              |                  |                    |               |  |                    |  |                               |
| Gloucester, Mass.          |             |                              |                  |                    |               |  |                    |  |                               |
| Key West, Monroe Co., Fla. | Apr. 30     |                              |                  |                    |               |  |                    | All captured vessels were detained in quarantine the usual number of days and effects disinfected. | 38                            |
| Mayport, Fla.              | May 7       | Am. sc. Blanche Hopkins.     | May 2            | Kingston, Jamaica. | Jacksonville. | Held for disinfection.                           |                    |  | 8                             |
| Mobile Bay, Ala.           | Apr. 30     | Am. sc. James H. Dudley. (a) | Apr. 18          | Habana             | Mobile.       | Disinfected and held.                            | Apr. 24            |  | 10                            |
|                            |             | Br. sc. J. W. Durant. (a)    | Apr. 21          | Vera Cruz          | do.           | do   | Apr. 27            |  |                               |
|                            |             | Nor. bk. Berg-Hot. (a)       | do.              | Para               | do.           | do   |                    |  |                               |
|                            |             | Nor. bk. Nor. (a)            | Apr. 23          | Rio de Janeiro     | do.           | Ballast discharged; vessel disinfected and held. |                    |  |                               |
|                            |             | Nor. ss. Helios.             | Apr. 25          | Vera Cruz          | do.           | do   | Apr. 30            |  |                               |
|                            |             | Br. sc. G. E. Bentley.       | Apr. 27          | Habana             | do.           | Disinfected and held.                            |                    |  |                               |
|                            |             | Am. sc. Clars A. Phinney.    | Apr. 30          | Coatzacoalcos      | do.           | Remanded to Gulf Quarantine Station.             | Apr. 30            | Two suspicious cases of fever.   |                               |



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

COLORADO—*Denver*.—Month of March, 1898. Estimated population, 167,000. Total number of deaths, 149, including diphtheria, 2; scarlet fever, 1; and phthisis pulmonalis, 35 (cases contracted elsewhere).

CONNECTICUT—*Westport*.—Month of April, 1898. Estimated population, 4,000. Total number of deaths, 3.

ILLINOIS—*Springfield*.—Two weeks ended April 30, 1898. Estimated population, 40,000. Total deaths, 20, including phthisis pulmonalis, 4, and diphtheria, 1.

INDIANA—*Evansville*.—Month of April, 1898. Estimated population, 65,000. Total deaths, 59, including phthisis pulmonalis, 4, and enteric fever, 1.

MICHIGAN.—Week ended April 30, 1898. Reports to the State board of health from 81 observers indicate that pleuritis increased and remittent fever, intermittent fever, erysipelas, and consumption decreased in area of prevalence. Phthisis pulmonalis was reported present during the week at 147; measles at 67; scarlet fever at 30; diphtheria at 18; enteric fever at 18, and whooping cough at 12 places.

*Grand Rapids*.—Month of March, 1898. Estimated population, 90,000. Total number of deaths, 107, including enteric fever, 1; scarlet fever, 1; phthisis pulmonalis, 14, and whooping cough, 4.

NEW JERSEY—*Paterson*.—Month of March, 1898. Estimated population, 110,288. Total number of deaths, 152, including diphtheria, 8; enteric fever, 1, and phthisis pulmonalis, 27.

NORTH CAROLINA.—Month of March, 1898. Reports to the State Board of Health from 22 towns, having an aggregate population of 119,960; white, 66,639; colored, 53,321. Deaths, white, 61; colored, 73; total, 134, including phthisis pulmonalis, 29, and enteric fever, 4.

OHIO—*Toledo*.—Month of April, 1898. Estimated population, 143,755. Total number of deaths, 155, including diphtheria, 1 and phthisis pulmonalis, 12.

PENNSYLVANIA.—Month of April, 1898. Estimated population, 12,000. Total number of deaths, 11. No deaths from contagious diseases.

VIRGINIA—*Lynchburg*.—Month of April, 1898. Estimated population, 30,000. Total number of deaths, 28, white 12; colored, 16, including phthisis pulmonalis, 7, and enteric fever 1.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

| Cities.                 | Week ended.  | Population, U. S. Census of 1890. | Total deaths from all causes. | Deaths from—         |               |           |            |          |               |                |                |             |          |                 |
|-------------------------|--------------|-----------------------------------|-------------------------------|----------------------|---------------|-----------|------------|----------|---------------|----------------|----------------|-------------|----------|-----------------|
|                         |              |                                   |                               | Phthisis pulmonalis. | Yellow fever. | Smallpox. | Varioloid. | Cholera. | Typhus fever. | Enteric fever. | Scarlet fever. | Diphtheria. | Measles. | Whooping cough. |
| Allegheny, Pa.....      | Apr. 30..... | 105,287                           | 31                            | 5                    |               |           |            |          |               |                |                | 1           | 1        |                 |
| Amesbury, Mass.....     | May 7.....   | 9,798                             |                               | 3                    |               |           |            |          |               |                |                |             |          |                 |
| Binghamton, N. Y.....   | do.....      | 35,006                            | 11                            | 1                    |               |           |            |          |               | 1              |                | 1           |          |                 |
| Boston, Mass.....       | do.....      | 448,477                           | 208                           | 20                   |               |           |            |          |               | 2              | 2              | 4           |          | 3               |
| Bristol, E. I.....      | Apr. 30..... | 5,478                             | 1                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Brockton, Mass.....     | do.....      | 27,294                            | 9                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Bucyrus, Ohio.....      | do.....      | 5,974                             | 2                             | 1                    |               |           |            |          |               |                |                |             |          |                 |
| Butler, Pa.....         | May 7.....   | 8,734                             | 3                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Cambridge, Mass.....    | do.....      | 70,028                            | 27                            | 3                    |               |           |            |          |               | 1              |                | 1           |          |                 |
| Carlisle, Pa.....       | May 2.....   | 7,620                             | 5                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Do.....                 | May 7.....   | 7,620                             | 3                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Charleston, S. C.....   | Apr. 23..... | a54,955                           | b31                           | 6                    |               |           |            |          |               | 1              |                |             |          |                 |
| Do.....                 | Apr. 30..... | c54,955                           | c33                           | 7                    |               |           |            |          |               | 2              |                |             |          |                 |
| Cincinnati, Ohio.....   | May 6.....   | 296,906                           | 139                           | 19                   |               |           |            |          |               |                |                |             | 1        | 3               |
| Cleveland, Ohio.....    | May 7.....   | 261,353                           | 111                           | 6                    |               |           |            |          |               | 2              |                |             |          |                 |
| Columbus, Ind.....      | Apr. 30..... | 6,719                             | 2                             |                      |               |           |            |          |               |                |                |             | 1        |                 |
| Do.....                 | May 7.....   | 6,719                             | 6                             | 1                    |               |           |            |          |               |                |                |             |          |                 |
| Columbus, Ohio.....     | May 6.....   | 88,150                            | 37                            | 2                    |               |           |            |          |               |                |                |             | 1        | 1               |
| Concord, N. H.....      | Apr. 30..... | 17,044                            | 5                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Do.....                 | May 7.....   | 17,044                            | 4                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Dayton, Ohio.....       | do.....      | 61,220                            | 36                            | 4                    |               |           |            |          |               |                |                |             | 3        |                 |
| Dedham, Mass.....       | Apr. 30..... | 7,123                             | 2                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Detroit, Mich.....      | May 7.....   | 205,876                           | 114                           | 9                    |               |           |            |          |               | 1              |                | 1           |          |                 |
| Dubois, Pa.....         | Apr. 30..... | 6,149                             | 0                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Do.....                 | May 7.....   | 6,149                             | 1                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Dunkirk, N. Y.....      | Apr. 30..... | 9,416                             | 8                             | 2                    |               |           |            |          |               |                |                |             |          |                 |
| Erie, Pa.....           | May 7.....   | 40,634                            | 7                             | 1                    |               |           |            |          |               |                |                |             |          |                 |
| Everett, Mass.....      | Apr. 30..... | 11,068                            | 6                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Fall River, Mass.....   | May 7.....   | 74,398                            | 36                            | 5                    |               |           |            |          |               |                |                |             |          |                 |
| Fitchburg, Mass.....    | Apr. 30..... | 22,087                            | 11                            |                      |               |           |            |          |               |                |                |             |          |                 |
| Grand Rapids, Mich..... | May 7.....   | 60,278                            | 14                            |                      |               |           |            |          |               | 1              |                |             |          |                 |
| Green Bay, Wis.....     | Apr. 30..... | 9,069                             | 3                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Haverhill, Mass.....    | do.....      | 27,412                            | 6                             |                      |               |           |            |          |               | 1              |                |             |          |                 |
| Hoboken, N. J.....      | May 7.....   | 43,648                            | 21                            |                      |               |           |            |          |               |                | 1              |             | 1        |                 |
| Indianapolis, Ind.....  | Apr. 30..... | 105,436                           | 43                            | 7                    |               |           |            |          |               | 2              |                |             |          |                 |
| Jacksonville, Fla.....  | do.....      | 17,201                            | 11                            | 2                    |               |           |            |          |               |                |                |             |          |                 |
| Do.....                 | May 7.....   | 17,201                            | 17                            | 4                    |               |           |            |          |               |                |                |             |          |                 |
| Jersey City, N. J.....  | May 1.....   | 163,003                           | 71                            | 9                    |               |           |            |          |               | 1              | 1              | 4           |          |                 |
| Johnstown, Pa.....      | Apr. 30..... | 21,805                            | 8                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Do.....                 | May 7.....   | 21,805                            | 6                             | 2                    |               |           |            |          |               |                |                |             |          |                 |
| Kalamazoo, Mich.....    | Apr. 30..... | 17,853                            | 9                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Do.....                 | May 7.....   | 17,823                            | 11                            |                      |               |           |            |          |               |                |                |             |          |                 |
| Lancaster, Pa.....      | Apr. 30..... | 32,011                            | 9                             | 3                    |               |           |            |          |               |                |                |             |          |                 |
| Lawrence, Mass.....     | do.....      | 44,654                            | 24                            | 1                    |               |           |            |          |               |                |                |             |          |                 |
| Lowell, Mass.....       | May 7.....   | 77,696                            | 36                            | 3                    |               |           |            |          |               |                | 1              |             |          |                 |
| Lynchburg, Va.....      | do.....      | 19,709                            | 12                            | 3                    |               |           |            |          |               |                |                |             |          |                 |
| McKeesport, Pa.....     | Apr. 30..... | 20,741                            | 8                             |                      |               |           |            |          |               |                | 1              |             |          | 1               |
| Do.....                 | do.....      | 44,126                            | 15                            | 3                    |               |           |            |          |               |                |                |             |          |                 |
| Do.....                 | May 7.....   | 44,126                            | 15                            | 1                    |               |           |            |          |               |                |                |             |          |                 |
| Massillon, Ohio.....    | Apr. 30..... | 10,092                            | 2                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Medford, Mass.....      | May 7.....   | 11,079                            | 4                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Melrose, Mass.....      | Apr. 30..... | 8,519                             | 6                             |                      |               |           |            |          |               |                | 1              |             |          |                 |
| Michigan, Ind.....      | do.....      | 10,776                            | 5                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Do.....                 | May 7.....   | 10,776                            | 3                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Middletown, N. Y.....   | Apr. 30..... | 11,977                            | 8                             | 1                    |               |           |            |          |               |                |                |             |          |                 |
| Milwaukee, Wis.....     | May 7.....   | 204,468                           | 53                            | 7                    |               |           |            |          |               | 3              |                |             |          |                 |
| Mobile, Ala.....        | May 12.....  | 31,076                            | 17                            | 3                    |               |           |            |          |               |                |                |             |          |                 |
| Nashville, Tenn.....    | May 7.....   | 76,168                            | 3                             |                      |               |           |            |          |               |                |                |             | 1        |                 |
| New Bedford, Mass.....  | do.....      | 40,733                            | 10                            | 1                    |               |           |            |          |               |                |                |             |          |                 |
| Newburyport, Mass.....  | Apr. 30..... | 13,947                            | 5                             |                      |               |           |            |          |               |                |                |             |          |                 |
| New Orleans, La.....    | do.....      | 242,039                           | 114                           | 14                   |               |           |            |          |               |                | 2              |             |          |                 |
| Newport, R. I.....      | do.....      | 19,457                            | 2                             |                      |               |           |            |          |               |                |                |             |          |                 |
| New York, N. Y.....     | May 7.....   | 1,515,301                         | 1,218                         | 153                  |               |           |            |          |               | 6              | 19             | 35          | 20       | 18              |
| Norristown, Pa.....     | do.....      | 19,791                            | 7                             |                      |               |           |            |          |               |                |                |             |          |                 |
| North Adams, Mass.....  | do.....      | 16,074                            | 3                             | 1                    |               |           |            |          |               |                |                |             |          | 1               |
| Oneonta, N. Y.....      | do.....      | 6,272                             | 3                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Orange, N. J.....       | May 1.....   | 18,844                            | 8                             |                      |               |           |            |          |               |                |                |             | 2        |                 |
| Do.....                 | May 7.....   | 18,844                            |                               |                      |               |           |            |          |               |                |                | 1           |          |                 |
| Ottumwa, Iowa.....      | Apr. 9.....  | 14,001                            | 5                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Do.....                 | Apr. 16..... | 14,001                            | 6                             |                      |               |           |            |          |               |                |                |             |          |                 |
| Do.....                 | Apr. 23..... | 14,001                            | 9                             |                      |               |           |            |          |               |                |                | 1           |          |                 |
| Do.....                 | Apr. 30..... | 14,001                            | 1                             |                      |               |           |            |          |               |                |                |             |          |                 |

a Estimated population, white, 23,870; colored, 36,295. Total, 65,165. b White, 9; colored, 22; c white, 9; colored, 24.



Table of temperature and rainfall, week ended May 9, 1898.

[Received from Department of Agriculture, Weather Bureau.]

| Locality.                         | Temperature in degrees Fahrenheit. |         |            | Rainfall in inches and hundredths. |         |             |
|-----------------------------------|------------------------------------|---------|------------|------------------------------------|---------|-------------|
|                                   | Normala                            | Excess. | Defic'ncy. | Normal.                            | Excess. | Deficiency. |
| <b>Atlantic Coast:</b>            |                                    |         |            |                                    |         |             |
| Eastport, Me.....                 | 45                                 |         | 1          | .83                                |         | .78         |
| Portland, Me.....                 | 50                                 |         | 2          | .77                                |         | .47         |
| Northfield, Vt.....               | 53                                 |         | 9          | .64                                |         | .24         |
| Boston, Mass.....                 | 53                                 |         | 3          | .84                                |         | .84         |
| Vineyard Haven, Mass.....         | 53                                 |         | 5          | .70                                | 1.40    |             |
| Nantucket, Mass.....              | 50                                 |         | 4          | .84                                | .06     |             |
| Woods Hole, Mass.....             | 50                                 |         | 4          | .82                                | .78     |             |
| Block Island, R. I.....           | 50                                 |         | 6          | .88                                | 1.52    |             |
| New Haven, Conn.....              | 55                                 |         | 7          | .84                                | 1.16    |             |
| Albany, N. Y.....                 | 57                                 |         | 6          | .70                                | .40     |             |
| New York, N. Y.....               | 56                                 |         | 8          | .76                                | 1.24    |             |
| Harrisburg, Pa.....               | 57                                 |         | 6          | 1.02                               | 1.78    |             |
| Philadelphia, Pa.....             | 59                                 |         | 9          | .70                                | 1.10    |             |
| New Brunswick, N. J.....          | 57                                 |         | 7          | 1.05                               | 2.65    |             |
| Atlantic City, N. J.....          | 54                                 |         | 6          | .65                                | .15     |             |
| Baltimore, Md.....                | 62                                 |         | 8          | .84                                | .76     |             |
| Washington, D. C.....             | 62                                 |         | 8          | .85                                | 1.24    |             |
| Lynchburg, Va.....                | 64                                 |         | 4          | .85                                | 4.25    |             |
| Cape Henry, Va.....               | 61                                 |         | 5          | .93                                | .57     |             |
| Norfolk, Va.....                  | 64                                 |         | 6          | .94                                | .66     |             |
| Charlottesville, N. C.....        | 67                                 |         | 1          | .98                                |         | .93         |
| Raleigh, N. C.....                | 67                                 |         | 1          | 1.12                               |         | .52         |
| Kittyhawk, N. C.....              | 63                                 |         | 3          | .88                                | 1.32    |             |
| Hatteras, N. C.....               | 64                                 |         | 4          | 1.05                               |         | .95         |
| Wilmington, N. C.....             | 68                                 |         | 2          | .86                                |         | .86         |
| Columbia, S. C.....               | 70                                 |         | 0          | .81                                |         | .41         |
| Charleston, S. C.....             | 70                                 |         | 0          | .84                                |         | .84         |
| Augusta, Ga.....                  | 70                                 |         | 2          | .75                                |         | .45         |
| Savannah, Ga.....                 | 71                                 | 1       |            | .46                                |         | .36         |
| Jacksonville, Fla.....            | 73                                 | 1       |            | .78                                |         | .58         |
| Jupiter, Fla.....                 | 75                                 |         | 3          | 1.07                               |         | .87         |
| Key West, Fla.....                | 78                                 |         | 2          | .51                                |         | .41         |
| <b>Gulf States:</b>               |                                    |         |            |                                    |         |             |
| Atlanta, Ga.....                  | 67                                 |         | 1          | .79                                |         | .59         |
| Tampa, Fla.....                   | 74                                 |         | 0          | .46                                |         | .36         |
| Pensacola, Fla.....               | 72                                 |         | 2          | .63                                |         | .63         |
| Mobile, Ala.....                  | 71                                 |         | 3          | .91                                |         | .91         |
| Montgomery, Ala.....              | 71                                 |         | 1          | .93                                |         | .73         |
| Vicksburg, Miss.....              | 71                                 |         | 5          | 1.19                               |         | .59         |
| New Orleans, La.....              | 72                                 |         | 2          | 1.08                               |         | 1.08        |
| Shreveport, La.....               | 71                                 |         | 3          | 1.01                               |         | .81         |
| Port Smith, Ark.....              | 67                                 |         | 3          | 1.11                               | 2.09    |             |
| Little Rock, Ark.....             | 69                                 |         | 3          | 1.28                               |         | .08         |
| Palestine, Tex.....               | 71                                 |         | 3          | 1.30                               |         | 1.00        |
| Galveston, Tex.....               | 74                                 |         | 4          | .74                                |         | .74         |
| San Antonio, Tex.....             | 71                                 |         | 3          | .77                                |         | .47         |
| Corpus Christi, Tex.....          | 75                                 |         | 3          | .65                                |         | .15         |
| <b>Ohio Valley and Tennessee:</b> |                                    |         |            |                                    |         |             |
| Memphis, Tenn.....                | 68                                 |         | 3          | 1.13                               |         | .83         |
| Nashville, Tenn.....              | 66                                 |         | 2          | .89                                |         | .09         |
| Chattanooga, Tenn.....            | 67                                 |         | 1          | .93                                |         | .83         |
| Knoxville, Tenn.....              | 64                                 |         | 0          | .94                                |         | .64         |
| Louisville, Ky.....               | 64                                 |         | 6          | .87                                | 1.93    |             |
| Indianapolis, Ind.....            | 61                                 |         | 7          | .91                                |         | .21         |
| Cincinnati, Ohio.....             | 62                                 |         | 8          | .77                                | 1.03    |             |
| Columbus, Ohio.....               | 62                                 |         | 8          | .94                                | .26     |             |
| Parkersburg, W. Va.....           | 61                                 |         | 5          | .84                                |         | .16         |
| Pittsburg, Pa.....                | 61                                 |         | 7          | .77                                | .33     |             |
| <b>Lake Region:</b>               |                                    |         |            |                                    |         |             |
| Oswego, N. Y.....                 | 51                                 |         | 5          | .57                                | .63     |             |
| Rochester, N. Y.....              | 54                                 |         | 6          | .72                                |         | .22         |
| Buffalo, N. Y.....                | 51                                 |         | 3          | .75                                |         | .55         |
| Erie, Pa.....                     | 54                                 |         | 6          | .82                                |         | .52         |
| Cleveland, Ohio.....              | 55                                 |         | 8          | .72                                |         | .12         |
| Sandusky, Ohio.....               | 57                                 |         | 5          | .70                                |         | .20         |
| Toledo, Ohio.....                 | 57                                 |         | 7          | .75                                |         | .35         |
| Detroit, Mich.....                | 55                                 |         | 5          | .74                                |         | .54         |
| Lansing, Mich.....                | 55                                 |         | 5          | .63                                |         | .63         |
| Port Huron, Mich.....             | 50                                 |         | 4          | .75                                |         | .65         |
| Alpena, Mich.....                 | 46                                 |         | 0          | .76                                |         | .06         |
| Sault Ste. Marie, Mich.....       | 48                                 |         | 2          | .49                                | .01     |             |
| Marquette, Mich.....              | 46                                 |         | 0          | .58                                |         | .48         |
| Green Bay, Wis.....               | 53                                 |         | 1          | .76                                |         | .06         |

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

Table of temperature and rainfall, week ended May 9, 1898—Continued.

| Locality.                        | Temperature in degrees Fahrenheit. |           |             | Rainfall in inches and hundredths. |         |             |
|----------------------------------|------------------------------------|-----------|-------------|------------------------------------|---------|-------------|
|                                  | Normal.                            | a Excess. | aDefic'ncy. | Normal.                            | Excess. | Deficiency. |
| <b>Lake Region—Continued.</b>    |                                    |           |             |                                    |         |             |
| Grand Haven, Mich.....           | 52                                 |           | 2           | .70                                |         | .70         |
| Milwaukee, Wis.....              | 50                                 |           | 0           | .77                                |         | .57         |
| Chicago, Ill.....                | 54                                 |           | 6           | .84                                |         | .24         |
| Duluth, Minn.....                | 45                                 | 7         |             | .71                                |         | .71         |
| <b>Upper Mississippi Valley:</b> |                                    |           |             |                                    |         |             |
| St. Paul, Minn.....              | 54                                 |           | 0           | .70                                |         | .70         |
| La Crosse, Wis.....              | 56                                 |           | 2           | .67                                |         | .57         |
| Dubuque, Iowa.....               | 57                                 |           | 3           | .78                                |         | .58         |
| Davenport, Iowa.....             | 53                                 |           | 4           | .89                                |         | .49         |
| Des Moines, Iowa.....            | 59                                 |           | 7           | .96                                | .14     |             |
| Keokuk, Iowa.....                | 60                                 |           | 6           | .91                                |         | .41         |
| Hannibal, Mo.....                | 60                                 |           | 6           | .92                                | .18     |             |
| Springfield, Ill.....            | 62                                 |           | 10          | 1.07                               |         | .47         |
| Cairo, Ill.....                  | 65                                 |           | 3           | .79                                | 1.31    |             |
| St. Louis, Mo.....               | 63                                 |           | 7           | .98                                | .12     |             |
| <b>Missouri Valley:</b>          |                                    |           |             |                                    |         |             |
| Columbia, Mo.....                | 60                                 |           | 6           | 1.30                               |         | .50         |
| Springfield, Mo.....             | 63                                 |           | 7           | 1.36                               | 2.14    |             |
| Kansas City, Mo.....             | 62                                 |           | 8           | .98                                |         | .18         |
| Topeka, Kans.....                | 61                                 |           | 7           | 1.23                               |         | .63         |
| Wichita, Kans.....               | 64                                 |           | 8           | .74                                | .26     |             |
| Concordia, Kans.....             | 61                                 |           | 9           | .79                                | .01     |             |
| Lincoln, Nebr.....               | 59                                 |           | 9           | .87                                | 1.23    |             |
| Omaha, Nebr.....                 | 59                                 |           | 7           | .91                                |         | .01         |
| Sioux City, Iowa.....            | 55                                 |           |             | .77                                |         | .17         |
| Yankton, S. Dak.....             | 54                                 |           |             | .91                                |         | .01         |
| Valentine, Nebr.....             | 53                                 |           | 7           | .63                                | .07     |             |
| Huron, S. Dak.....               | 53                                 |           | 3           | .66                                |         | .66         |
| Pierre, S. Dak.....              | 52                                 |           | 2           | .49                                |         | .29         |
| Moorhead, Minn.....              | 51                                 |           | 1           | .56                                |         | .56         |
| Bismarck, N. Dak.....            | 51                                 |           | 3           | .56                                |         | .46         |
| Williston, N. Dak.....           | 50                                 |           | 2           | .42                                |         | .42         |
| <b>Rocky Mountain Region:</b>    |                                    |           |             |                                    |         |             |
| Havre, Mont.....                 | 48                                 |           | 0           | .28                                |         | .28         |
| Helena, Mont.....                | 48                                 |           | 2           | .28                                |         | .08         |
| Miles City, Mont.....            | 53                                 |           | 5           | .42                                |         | .42         |
| Rapid City, S. Dak.....          | 50                                 |           | 6           | .70                                |         | .20         |
| Spokane, Wash.....               | 53                                 |           | 1           | .28                                |         | .28         |
| Wallawalla, Wash.....            | 56                                 |           | 0           | .42                                |         | .22         |
| Baker City, Oreg.....            | 50                                 |           | 2           | .42                                |         | .42         |
| Winnemucca, Nev.....             | 52                                 |           | 2           | .22                                |         | .22         |
| Idaho Falls, Idaho.....          | 50                                 |           | 4           | .28                                |         | .28         |
| Salt Lake City, Utah.....        | 55                                 |           | 7           | .42                                | .78     |             |
| Lander, Wyo.....                 | 49                                 |           | 11          | .70                                | 1.30    |             |
| Cheyenne, Wyo.....               | 48                                 |           | 12          | .49                                | .41     |             |
| North Platte, Nebr.....          | 56                                 |           | 10          | .56                                |         | .06         |
| Denver, Colo.....                | 54                                 |           | 14          | .68                                | .92     |             |
| Pueblo, Colo.....                | 59                                 |           | 15          | .47                                | 1.63    |             |
| Dodge City, Kans.....            | 61                                 |           |             | .61                                |         |             |
| Oklahoma, Okla.....              | 65                                 |           | 9           | 1.07                               | 6.23    |             |
| Amarillo, Tex.....               | 62                                 |           | 10          | .38                                | 1.22    |             |
| Abilene, Tex.....                | 72                                 |           | 8           | .77                                | .13     |             |
| Santa Fe, N. Mex.....            | 54                                 |           | 6           | .21                                |         | .01         |
| El Paso, Tex.....                | 70                                 |           | 4           | .07                                |         | .07         |
| Phoenix, Ariz.....               | 72                                 |           | 2           | .07                                |         | .07         |
| <b>Pacific Coast:</b>            |                                    |           |             |                                    |         |             |
| Seattle, Wash.....               | 54                                 | 4         |             | .58                                |         | .58         |
| Tacoma, Wash.....                | 53                                 | 3         |             | .66                                |         | .66         |
| Fort Canby, Wash.....            | 50                                 | 6         |             | .83                                |         | .73         |
| Portland, Oreg.....              | 55                                 | 3         |             | .56                                |         | .56         |
| Roseburg, Oreg.....              | 55                                 | 1         |             | .49                                |         | .49         |
| Eureka, Cal.....                 | 53                                 |           | 5           | .77                                |         | .77         |
| Redbluff, Cal.....               | 63                                 | 5         |             | .36                                |         | .36         |
| Carson City, Nev.....            | 53                                 |           | 3           | .14                                |         | .14         |
| Sacramento, Cal.....             | 61                                 | 1         |             | .31                                |         | .31         |
| San Francisco, Cal.....          | 56                                 |           | 4           | .26                                |         | .26         |
| Fresno, Cal.....                 | 65                                 | 1         |             | .10                                |         | .10         |
| San Luis Obispo, Cal.....        | 58                                 |           | 2           | .07                                |         | .07         |
| Los Angeles, Cal.....            | 61                                 |           | 3           | .14                                |         | .14         |
| San Diego, Cal.....              | 61                                 |           | 1           | .14                                |         | .14         |
| Yuma, Ariz.....                  | 75                                 |           | 3           | .02                                |         | .02         |

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 May 13, 1898.*

## CHOLERA.

| Places.              | Date.                | Cases. | Deaths. | Remarks. |
|----------------------|----------------------|--------|---------|----------|
| <b>India :</b>       |                      |        |         |          |
| Bombay .....         | Nov. 24-Nov. 30..... |        | 4       |          |
|                      | Dec. 1-Mar. 1.....   |        | 55      |          |
|                      | Mar. 2-Mar. 29.....  |        | 11      |          |
|                      | Mar. 30-Apr. 5.....  |        | 1       |          |
| Calcutta.....        | Nov. 14-Dec. 4.....  |        | 42      |          |
|                      | Dec. 5-Jan. 1.....   |        | 31      |          |
|                      | Jan. 2-Jan. 29.....  |        | 23      |          |
|                      | Jan. 30-Feb. 26..... |        | 82      |          |
|                      | Feb. 27-Mar. 26..... |        | 95      |          |
| Madras.....          | Nov. 20-Dec. 10..... |        | 8       |          |
|                      | Dec. 4-Dec. 31.....  |        | 11      |          |
|                      | Jan. 1-Jan. 28.....  |        | 45      |          |
|                      | Jan. 29-Apr. 1.....  |        | 31      |          |
| Singapore.....       | Nov. 1-Nov. 30.....  |        | 1       |          |
|                      | Dec. 1-Dec. 31.....  |        | 1       |          |
| <b>Japan :</b>       |                      |        |         |          |
| Kanagawa Ken.....    | Mar. 24-Apr. 10..... | 2      | 1       |          |
| Osaka and Hiogo..... | Mar. 26-Apr. 2.....  | 1      | 1       |          |

## YELLOW FEVER.

|                           |                      |     |     |   |
|---------------------------|----------------------|-----|-----|---|
| <b>Brazil :</b>           |                      |     |     |   |
| Bahia.....                | Dec. 27.....         | 3   | 2   |   |
|                           | Dec. 29.....         | 6   |     | Taken off of Nor. bk. Adonis.                                     |
| Ceara.....                | Nov. 1-Nov. 30.....  |     | 1   |   |
| Para.....                 | Dec. 12-Jan. 1.....  |     | 24  |   |
|                           | Jan. 2-Jan. 15.....  |     | 22  |   |
|                           | Jan. 16-Feb. 23..... |     | 30  |   |
| Ribeirao Bonito.....      | Feb. 1-Feb. 23.....  | 79  | 19  |   |
| Rio de Janeiro.....       | Nov. 21-Dec. 4.....  | 1   |     |   |
|                           | Dec. 5-Jan. 1.....   | 8   | 3   |   |
|                           | Jan. 1-Jan. 29.....  | 22  | 17  |   |
|                           | Jan. 30-Apr. 16..... | 594 | 405 |   |
| Sao Carlos de Pinhal..... | Feb. 23.....         | 46  | 11  | Yellow fever reported.  |
| Santos.....               | Jan. 2-Jan. 8.....   | 1   | 1   |   |
|                           | Jan. 23-Jan. 29..... | 3   |     |   |
|                           | Jan. 30-Feb. 23..... | 21  | 3   |   |
| Sao Paulo.....            | Feb. 1-Feb. 23.....  | 2   | 1   |   |
| <b>Cuba :</b>             |                      |     |     |   |
| Cienfuegos.....           | Dec. 20-Jan. 2.....  |     | 2   |   |
|                           | Jan. 3-Jan. 23.....  |     | 1   |   |
| Habana .....              | Dec. 17-Dec. 30..... |     | 6   |   |
|                           | Dec. 31-Jan. 27..... |     | 9   |   |
|                           | Jan. 28-Feb. 17..... |     | 3   |   |
|                           | Mar. 4-Mar. 31.....  |     | 4   |   |
| Manzanillo.....           | Dec. 1-Dec. 31.....  |     | 28  |   |
|                           | Jan. 1-Jan. 31.....  |     | 9   |   |
|                           | Feb. 14-Feb. 23..... |     | 3   |   |
| Matanzas.....             | Dec. 15-Jan. 19..... |     | 4   |   |
|                           | Feb. 9-Feb. 23.....  |     | 2   |   |
| Regla.....                | Dec. 31-Feb. 23..... |     | 7   |   |
|                           | Mar. 1-Mar. 24.....  |     | 2   |   |
| Sagua la Grande.....      | Dec. 18-Jan. 20..... |     |     | A few cases of yellow fever, but impossible to obtain statistics. |
| Santiago de Cuba.....     | Dec. 19-Jan. 29..... |     | 6   |   |
| <b>Jamaica :</b>          |                      |     |     |   |
| Kingston.....             | Dec. 19-Jan. 1.....  | 1   | 1   |   |
|                           | Jan. 2-Jan. 31.....  | 2   | 2   |   |
|                           | Feb. 5-Feb. 19.....  | 2   | 1   |   |
| St. Andrew.....           | Dec. 19-Jan. 1.....  | 1   |     |   |
|                           | Feb. 27-Mar. 5.....  | 1   | 1   |   |
| St. Catherine.....        | Dec. 19-Jan. 1.....  | 1   |     |   |
| St. Elizabeth.....        | Dec. 19-Jan. 1.....  | 1   | 1   |   |

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

PLAGUE.

| Places.               | Date.                | Cases. | Deaths. | Remarks.                     |
|-----------------------|----------------------|--------|---------|------------------------------|
| Arabia:               |                      |        |         |                              |
| Djiddah.....          | Mar. 25-Apr. 10..... |        | 29      |                              |
| China:                |                      |        |         |                              |
| 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-Mar. 19..... | 69     | 72      |                              |
| 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-Apr. 5.....  |        | 678     |                              |
| Calcutta.....         | May 3.....           |        |         | Plague reported. "Sporadic." |
| Japan:                |                      |        |         |                              |
| Taiwan (Formosa)..... | Dec. 28-Apr. 10..... | 259    | 84      |                              |
| Yokohama.....         | Mar. 1-Apr. 11.....  | 2      | 1       |                              |
| Russia:               |                      |        |         |                              |
| St. Petersburg.....   | Mar. 26-Apr. 2.....  |        | 1       |                              |

SMALLPOX.

|                        |                      |     |     |  |
|------------------------|----------------------|-----|-----|--|
| Bohemia:               |                      |     |     |  |
| Prague.....            | Dec. 12-Jan. 1.....  | 11  |     |  |
|                        | Jan. 2-Apr. 16.....  | 116 |     |  |
| Brazil:                |                      |     |     |  |
| Pernambuco.....        | Dec. 1-Dec. 25.....  |     | 8   |  |
| Rio de Janeiro.....    | Nov. 21-Dec. 4.....  | 10  |     |  |
|                        | Dec. 5-Jan. 1.....   | 9   | 1   |  |
|                        | Jan. 1-Mar. 11.....  | 1   | 1   |  |
| Sao Paulo.....         | Feb. 1-Feb. 28.....  | 24  | 4   |  |
| Sorocaba.....          | Dec. 16-Jan. 30..... | 32  | 10  |  |
| Canada:                |                      |     |     |  |
| Maisonneuve.....       | Jan. 26-Feb. 16..... | 3   |     |  |
| Montreal.....          | Jan. 3-Jan. 12.....  | 3   | 0   |  |
|                        | Feb. 11-Feb. 16..... | 1   |     |  |
| China:                 |                      |     |     |  |
| Hongkong.....          | Nov. 7-Dec. 4.....   | 6   | 4   |  |
|                        | Dec. 5-Jan. 1.....   | 11  | 8   |  |
|                        | Jan. 2-Mar. 26.....  | 172 | 100 |  |
| Cuba:                  |                      |     |     |  |
| Cardenas.....          | Dec. 19-Jan. 22..... |     | 5   |  |
|                        | Mar. 6-Mar. 27.....  |     | 7   |  |
| 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 |  |
| 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 | 55  |  |
|                        | Feb. 27-Apr. 4.....  | 437 | 26  |  |
| England:               |                      |     |     |  |
| Bristol.....           | Feb. 6-Feb. 19.....  | 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   |     |  |
| Middlesborough.....    | Feb. 9.....          | 90  |     |  |
| Newcastle on Tyne..... | Mar. 19-Apr. 16..... | 5   | 1   |  |
| Southampton.....       | Jan. 8-Feb. 12.....  | 2   |     |  |
| Sunderland.....        | Dec. 18-Jan. 8.....  | 1   |     |  |
|                        | Feb. 27-Mar. 26..... | 4   |     |  |
| West Hartlepool.....   | Jan. 9-Jan. 22.....  | 5   |     |  |
| Germany:               |                      |     |     |  |
| Hamburg.....           | Mar. 6-Mar. 12.....  | 2   |     |  |
| Gibraltar.....         | Dec. 6-Dec. 12.....  | 1   |     |  |
|                        | Dec. 27-Apr. 3.....  | 6   |     |  |
| India:                 |                      |     |     |  |
| Bombay.....            | Feb. 9-Apr. 5.....   |     | 18  |  |
| Calcutta.....          | Dec. 19-Dec. 25..... |     | 1   |  |
|                        | Jan. 30-Mar. 26..... |     | 22  |  |

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

## SMALLPOX—Continued.

| Places.                 | Date.              | Cases. | Deaths. | Remarks. |
|-------------------------|--------------------|--------|---------|----------|
| <b>India—Continued.</b> |                    |        |         |          |
| Madras.....             | Nov. 27-Dec. 3...  |        | 1       |          |
|                         | Dec. 4-Dec. 31...  |        | 3       |          |
|                         | Jan. 1-Jan. 28...  |        | 6       |          |
|                         | Jan. 29-Feb. 4...  |        | 6       |          |
|                         | Feb. 5-Apr. 1...   |        | 48      |          |
| <b>Italy:</b>           |                    |        |         |          |
| Messina.....            | Dec. 12-Jan. 8...  |        | 5       |          |
|                         | Jan. 30-Apr. 16... |        | 3       |          |
| <b>Japan:</b>           |                    |        |         |          |
| Aichi Ken.....          | Dec. 28-Mar. 23... | 4      |         |          |
| Akita Ken.....          | Dec. 28-Apr. 10... | 15     | 4       |          |
| Awomori Ken.....        | Dec. 28-Apr. 10... | 34     | 3       |          |
| Chiba Ken.....          | Dec. 28-Apr. 10... | 9      |         |          |
| Formosa.....            | Feb. 4-Mar. 3...   | 7      | 4       |          |
| Fukui Ken.....          | Dec. 28-Feb. 3...  | 1      |         |          |
| Fukuoka Ken.....        | Mar. 24-Apr. 10... | 1      |         |          |
| Fukuushima Ken.....     | Dec. 28-Apr. 10... | 108    | 23      |          |
| Gifu Ken.....           | Feb. 4-Feb. 22...  | 1      |         |          |
| Gumma Ken.....          | Feb. 4-Feb. 22...  | 1      |         |          |
| Hiroshima Ken.....      | Jan. 22-Feb. 3...  | 1      |         |          |
| Iwate Ken.....          | Dec. 28-Apr. 30... | 42     | 4       |          |
| Kagoshima Ken.....      | Feb. 4-Feb. 22...  | 1      |         |          |
| Kanagawa Ken.....       | Dec. 28-Jan. 21... | 3      |         |          |
| Kochi Ken.....          | Dec. 28-Jan. 21... | 1      |         |          |
| Miyagi Ken.....         | Dec. 17-Dec. 27... | 2      | 3       |          |
|                         | Dec. 28-Apr. 10... | 72     | 18      |          |
| Miyazaki Ken.....       | Jan. 22-Feb. 3...  | 3      | 1       |          |
| Nagano Ken.....         | Feb. 4-Mar. 23...  | 9      | 5       |          |
| Nagaasaki Ken.....      | Jan. 22-Mar. 23... | 4      | 1       |          |
| Niigata Ken.....        | Mar. 4-Mar. 23...  | 4      | 1       |          |
| Okayama Ken.....        | Feb. 4-Apr. 10...  | 3      | 1       |          |
| Osaka Fu.....           | Dec. 28-Apr. 10... | 3      |         |          |
| Oyama Ken.....          | Mar. 4-Mar. 23...  | 1      | 1       |          |
| Saitama Ken.....        | Dec. 17-Dec. 27... | 1      |         |          |
| Tochigo Ken.....        | Mar. 24-Apr. 10... | 1      |         |          |
| Tokyo Fu.....           | Dec. 28-Mar. 23... | 6      |         |          |
| Yamagata Ken.....       | Jan. 22-Apr. 10... | 34     | 8       |          |
| Yamaguchi Ken.....      | Feb. 4-Feb. 22...  | 9      |         |          |
| Yamanashi Ken.....      | Mar. 24-Apr. 10... | 2      |         |          |
| Yehime Ken.....         | Dec. 17-Apr. 10... | 59     | 13      |          |
| The Hokkaido.....       | Dec. 17-Dec. 27... | 70     | 26      |          |
|                         | Dec. 28-Apr. 10... | 377    | 98      |          |
| <b>Norway:</b>          |                    |        |         |          |
| Christiania.....        | Mar. 20-Apr. 23... | 13     | 2       |          |
| <b>Netherlands:</b>     |                    |        |         |          |
| Amsterdam.....          | Dec. 12-Dec. 24... | 1      |         |          |
| Rotterdam.....          | Dec. 12-Dec. 31... | 3      | 1       |          |
|                         | Jan. 1-Jan. 29...  | 1      |         |          |
| <b>Russia:</b>          |                    |        |         |          |
| Moscow.....             | Nov. 23-Dec. 4...  | 1      | 1       |          |
|                         | Dec. 5-Dec. 11...  | 1      | 1       |          |
|                         | Jan. 1-Apr. 9...   | 24     | 7       |          |
| Odessa.....             | Dec. 5-Jan. 1...   | 53     | 9       |          |
|                         | Jan. 2-Jan. 29...  | 34     | 7       |          |
|                         | Jan. 30-Apr. 16... | 59     | 10      |          |
| St. Petersburg.....     | Dec. 4-Dec. 25...  | 35     | 13      |          |
|                         | Jan. 9-Jan. 29...  | 56     | 19      |          |
|                         | Jan. 30-Apr. 2...  |        | 40      |          |
|                         | Dec. 19-Apr. 16... |        | 88      |          |
| <b>Warsaw.....</b>      |                    |        |         |          |
| <b>Scotland:</b>        |                    |        |         |          |
| Glasgow.....            | Dec. 5-Dec. 25...  | 3      | 1       |          |
| Leith.....              | Apr. 3-Apr. 9...   | 1      |         |          |
| <b>Spain:</b>           |                    |        |         |          |
| Corunna.....            | Jan. 1-Feb. 5...   |        | 2       |          |
| Madrid.....             | Dec. 22-Dec. 28... |        | 1       |          |
|                         | Feb. 8-Apr. 6...   |        | 3       |          |
| <b>Turkey:</b>          |                    |        |         |          |
| Constantinople.....     | Jan. 10-Feb. 6...  |        | 53      |          |
|                         | Feb. 28-Mar. 13... |        | 18      |          |
| <b>Uruguay:</b>         |                    |        |         |          |
| Montevideo.....         | Dec. 25-Mar. 19... | 5      |         |          |
| <b>Venezuela:</b>       |                    |        |         |          |
| Puerto Cabello.....     | Apr. 2-Apr. 11...  | 23     | 6       |          |
| Valencia.....           | Apr. 2-Apr. 11...  | 54     |         |          |
| <b>Wales:</b>           |                    |        |         |          |
| Cardiff.....            | Dec. 18-Dec. 24... | 1      |         |          |

*Current quarantine measures.*

[Translated in this Bureau from the "Veröffentlichungen des Kaiserlichen Gesundheitsamtes," Berlin, April 20, 1898.]

## PLAGUE.

**BULGARIA.**—According to official advices of April 4, passengers on vessels arriving from the Red Sea shall not leave the ports of Varna and Burgas without having first undergone rigid disinfection of all their baggage and effects. Persons arriving from Red Sea ports by land routes shall undergo medical inspection at Hebitchewo, their clothing and baggage shall be thoroughly disinfected. Such travelers shall not be allowed to enter Bulgaria at any points other than those named. The coast of the Red Sea, with the exception of Suez, is considered infected.

## YELLOW FEVER.

**URUGUAY.**—By order of the National board of health, of March 16, vessels arriving from Rio de Janeiro or Santos, or such as have stopped at those ports, shall undergo a twenty-four hours' observation. Passengers whose destination is Montevideo shall undergo this observation at the quarantine island of Flores. On leaving the island, they shall receive a sanitary pass and again undergo observation on land for a period of five days. The effects of said passengers shall be disinfected on the island. Vessels which request free pratique at Montevideo shall be disinfected; likewise sailing vessels, the duration of whose voyage has been less than eight days. The latter shall remain under observation until the completion of the eight days' period. Vessels whose duration of voyage has exceeded eight days shall be given free pratique. Cargo and mail may be landed without delay. Vessels which arrive at Montevideo with yellow fever on board, or which have had yellow fever cases en route, shall be subject to special quarantine.

## BRAZIL.

*Sanitary reports from Rio de Janeiro.*

RIO DE JANEIRO, *March 13, 1898.*

SIR: The statistical tables for last week are behindhand, and it is quite impossible to state how many deaths occurred during that period. They tell me that the difficulties will be done away with in a few days.

I can report that during the week, from April 2 to 8, 108 cases of yellow fever were declared and that 72 patients died, an increase of 5; also 1 case of smallpox was reported.

In regard to the general state of health, I have no information to give beyond what I mentioned in my former report.

It has been noticed, and not without reason, that the local physicians in their certificates of the causes of deaths use so many different terms for yellow fever instead of a common denomination. These several names of sicknesses are adopted in the official publications. Such names as "typhoicteroides," "typhoamarillo," "typho-Americano," "febre typhomalariae," etc., are identical with yellow fever, but they are declared as different kinds of fevers, "febres diversas." Also cases of

accesso and febre pernicioso are often yellow fever. Therefore, the official number of yellow fever cases is not exact, and is less than the reality.

The wish to know the true yellow fever germ and to find a profitable treatment has produced before Sanarelli's statements all kind of publications, all of which lack a sound basis. It is very probable that the prospect of a large reward which the Government might be induced to grant to the discoverers has increased the effort of the pretenders, so that an indecorous literary rival warfare has been started. As far as I know the question of the reward, only several members had the purpose of presenting their propositions to the Chamber of Deputies. A definite conference or resolution in Congress has never taken place. I am of opinion that one can reward a scientific discovery, but not that one should wish for money for the solution of a problem.

I should not like to mention it, if Dr. Felipe Caldas had not also taken the same commercial course in an open manner. Although the experiments of Dr. Caldas are without any rational basis, in my opinion, nevertheless he has understood how to obtain the interest of the Academia de Medicina. I believe in this instance that a good feeling for a fellow countryman prevailed rather than a scientific conviction. In consequence of the discussion in the academy, the director of the public health, Conselheiro, Prof. Dr. Nuno de Andrade has interested the Government in the experiments with a serum prepared by Dr. Caldas. They appointed a committee, which was to make experimental treatments with the serum in the yellow fever hospital. The committee contains some professors of the faculty of medicine. I have heard from a good source, privately, that the experiments gave very unfavorable results. Of 35 cases, 25 died. For the experiments were chosen such patients as were infected as short a time as possible. Although I have no sympathy with Dr. Caldas' serum, still I must acknowledge that in the yellow fever hospital, with the existing conditions, it is difficult to obtain a definite result. The value of the serum treatment depends on the fact of the patients being treated, solely in that manner, a short time after the beginning of the sickness. The patients who seek the hospital are already two, three, or more days ill, and, therefore, not in a condition to have the serum treatment applied.

This affair of Caldas' serum is merely an episode in the present situation of the medicine; it has received an official sanction, and, therefore, I feel obliged to refer to it.

Since last report, the following-named ships have been inspected and received bills of health of this office: April 9, schooner *Oceana*, British, for St. Lucia, West Indies; steamship *Hevelius*, Belgian, for New York; bark *Rose Innes*, American, for New York. April 13, bark *Avoca*, British, for Ship Island, Miss.; steamship *Amalfi*, German, for New York; bark *Julia Rollins*, American, for Baltimore.

Respectfully, yours,

W. HAVELBURG, M. D.,

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

The SUPERVISING SURGEON-GENERAL,

U. S. Marine-Hospital Service.

RIO DE JANEIRO, April 6, 1898.

SIR: I am sorry that I can't send you the usual report for the last week, because of the same reason to which I referred in my letter of March 23, a kind of strike. The exact information can be obtained only after the service in the charge of the bureau of the charity hos-

pital, Santa Casa de Misericordia, accidentally interrupted, will be regulated.

From the newspapers, I can send you the following extract. About yellow fever, I have the notices from the authorities :

During the week ended April 1, inclusive, there were 426 deaths from all causes, an increase of 31; 25 deaths from *accessio pernicioso*, an increase of 1; 10 deaths from beriberi, a decrease of 1; 40 deaths from fevers; 67 deaths from yellow fever, a decrease of 1; 86 cases of yellow fever, were reported to the authorities.

With regard to the general state of health, I have nothing special to report. A few showers have certainly reduced somewhat the temperature, and, although the days are still hot, the nights are slightly cooler. The number of diseases has comparatively altered little during the last week. Also in regard to yellow fever there is nothing particular to report.

Generally speaking, I would say that this year's summer, in comparison with former years, may be regarded as relatively more favorable with respect to sickness.

Since last report, the following-named ships have been inspected and received bills of health of this office: March 31, steamship *Severn*, British, for Baltimore, via Santos; steamship *Cabral*, British, for Baltimore; steamship *Uplands*, British, for St. Lucia, West Indies, and ship *Canada*, British, for Norfolk. April 1, steamship *Asiatic Prince*, British, for New York; steamship *Bellarden*, British, for New York, and steamship *Rosse*, British, for New Orleans. April 2, bark *Crown Prince*, Norwegian, for Sapelo, and ship *Latwija*, Russian, for Pensacola. April 5, steamship *Deramore*, British, for St. Lucia, West Indies. April 6, steamship, *Blue Star*, British, for St. Lucia, West Indies.

Respectfully, yours,

W. HAVELBURG, M. D.,

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

The SUPERVISING SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

#### CHINA.

#### *Plague in Hongkong.*

UNITED STATES CONSULATE,

*Canton, China, March 28, 1898.*

SIR: I have the honor to forward herewith to your department, an abstract from the report on the outbreak of bubonic plague in Hongkong, which has been declared an infected port, and I deem it my duty to your department to furnish you with the latest information as contained in to day's issue of The Daily Press of Hongkong.

I shall send by the next mail a further and more detailed report on the sanitary condition of this consular district.

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

EDWARD BEDLOE,

*United States Consul.*

The SUPERVISING SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

[Inclosure.]

*The outbreak of bubonic plague.*HONGKONG, *March 28, 1898.*

A return showing the number of cases of bubonic plague which have been reported as occurring in the colony from January 1 to 25, instant, and the number of deaths therefrom during the same period, has been issued by Dr. Francis W. Clark, acting secretary of the sanitary board. Up till noon on the 24th instant, 181 cases were reported, 3 of which were discovered during the preceding twenty-four hours. During the same period, 154 deaths occurred from the disease, 2 being reported during the preceding twenty-four hours. The following is the weekly abstract of cases up to March 19, 1898:

Week ended January 1, no cases, no deaths; January 8, 2 cases, 1 death; January 15, no cases, no deaths; January 22, 2 cases, 2 deaths; January 29, 2 cases, 4 deaths; February 5, 5 cases, 3 deaths; February 12, 5 cases, 5 deaths; February 19, 9 cases, 6 deaths; February 26, 46 cases, 42 deaths; March 5, 22 cases, 17 deaths; March 12, 16 cases, 12 deaths; March 19, 31 cases, 28 deaths.

At a confidential meeting of the sanitary board, held after the ordinary meeting on Thursday last, health districts Nos. 2, 4, 5, and 6, of the city of Victoria were declared infected with bubonic plague, under the provisions of by-law 25, made under section 13 of ordinance 15 of 1894.

JAPAN.

*Sanitary report from Yokohama.*YOKOHAMA, *April 11, 1898.*

SIR: I have the honor to forward herewith my regular report of infectious disease in Japan for period March 24 to April 10, inclusive:

From March 1 to the present date there have been 28 cases of choleraic disease reported in Tokyo, with but a very trifling mortality, none of which were clearly identified as genuine cholera.

During the same period, 6 cases of similar nature have been returned from Yokohama, with 1 death, the comma bacillus having been found by Professor Kitasato in the fatal case and in one other, but in these only. This was a week ago, and so far no more cases have been reported either of pseudo-cholera or of the real disease.

Plague is increasing in Formosa, from which district the official returns probably include but a part of the cases actually occurring. But two of the numerous prefectures, into which the island is divided, remain free from infection.

I am, sir, very respectfully, your obedient servant,

STUART ELDRIDGE, M. D.,

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

The SUPERVISING SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

[Inclosure.]

*Report of infectious disease in Japan from March 24 to April 10, 1898.*

| Locality.             | Cholera. |         | Dysentery. |         | Smallpox. |         |
|-----------------------|----------|---------|------------|---------|-----------|---------|
|                       | Cases.   | Deaths. | Cases.     | Deaths. | Cases.    | Deaths. |
| Kioto Fu.....         |          |         |            |         |           |         |
| Osaka Fu.....         |          |         | 3          |         | 1         |         |
| Tokyo Fu.....         |          |         | 11         |         |           |         |
| Aichi Ken.....        |          |         | 3          |         |           |         |
| Akita Ken.....        |          |         | 2          |         | 1         |         |
| Awamori Ken.....      |          |         |            |         | 4         |         |
| Chiba Ken.....        |          |         | 4          |         | 3         |         |
| Fukui Ken.....        |          |         | 1          | 1       |           |         |
| Fukuoka Ken.....      |          |         |            |         | 1         |         |
| Fukushima Ken.....    |          |         |            |         | 27        | 1       |
| Gifu Ken.....         |          |         | 1          |         |           |         |
| Gumma Ken.....        |          |         | 8          |         |           |         |
| Hiogo Ken.....        |          |         |            |         |           |         |
| Hiroshima Ken.....    |          |         | 1          | 1       |           |         |
| Ibaraki Ken.....      |          |         |            |         |           |         |
| Ishikawa Ken.....     |          |         |            |         |           |         |
| Iwate Ken.....        |          |         |            |         | 3         |         |
| Kagawa Ken.....       |          |         |            |         |           |         |
| Kagoshima Ken.....    |          |         |            |         |           |         |
| Kanagawa Ken.....     | 2        | 1       | 3          |         |           |         |
| Kochi Ken.....        |          |         |            |         |           |         |
| Kumamoto Ken.....     |          |         |            |         |           |         |
| Miyagi Ken.....       |          |         | 1          |         | 15        | 3       |
| Miyazaki Ken.....     |          |         |            |         |           |         |
| Miye Ken.....         |          |         |            |         |           |         |
| Nagano Ken.....       |          |         |            |         |           |         |
| Nagasaki Ken.....     |          |         |            |         |           |         |
| Nara Ken.....         |          |         |            |         |           |         |
| Niigata Ken.....      |          |         |            |         |           |         |
| Oita Ken.....         |          |         |            |         |           |         |
| Okayama Ken.....      |          |         | 2          | 1       | 1         |         |
| Okinawa Ken.....      |          |         |            |         |           |         |
| Saga Ken.....         |          |         |            |         |           |         |
| Saitama Ken.....      |          |         | 3          | 1       |           |         |
| Shidzuoka Ken.....    |          |         | 1          |         |           |         |
| Shiga Ken.....        |          |         | 1          |         |           |         |
| Shimane Ken.....      |          |         |            |         |           |         |
| Tochigi Ken.....      |          |         |            |         | 1         |         |
| Tokushima Ken.....    |          |         |            |         |           |         |
| Tottori Ken.....      |          |         |            |         |           |         |
| Toyama Ken.....       |          |         |            |         |           |         |
| Wakayama Ken.....     |          |         | 1          |         |           |         |
| Yamagata Ken.....     |          |         | 1          |         | 5         |         |
| Yamaguchi Ken.....    |          |         |            |         |           |         |
| Yamanashi Ken.....    |          |         | 1          | 1       | 2         |         |
| Yehime Ken.....       |          |         |            |         | 7         | 1       |
| The Hokkaido.....     |          |         |            |         | 24        | 2       |
| Taiwan (Formosa)..... | a 146    | a 17    |            |         |           |         |
| Total.....            |          |         |            |         |           |         |

a Plague.

*Report of infectious diseases in Japan for the year 1897.*

YOKOHAMA, April 10, 1898.

SIR: I have the honor to notify you that the sanitary bureau of the Japanese home department has just published the following statistics of the occurrence of infectious diseases in Japan proper, during 1897. You will notice that the total number of cases of dysentery, now given, is somewhat greater than as stated in the preliminary report of the bureau on the same disease, forwarded to you on January 27.

## Report of infectious diseases in Japan for the year 1897—Continued.

| Diseases.          | Cases. | Deaths. |
|--------------------|--------|---------|
| Cholera.....       | 894    | 488     |
| Dysentery.....     | 91,077 | 23,189  |
| Typhoid fever..... | 26,926 | 5,838   |
| Smallpox.....      | 41,946 | 12,276  |
| Typhus fever.....  | 58     | 23      |
| Scarlet fever..... | 37     | 3       |
| Diphtheritis.....  | 15,486 | 5,579   |
| Plague.....        | α 1    | α 1     |

α In quarantine.

I am, sir,

Very respectfully, your obedient servant,

STUART ELDRIDGE, M. D.,

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

The SUPERVISING SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

## STATISTICAL REPORTS.

**AUSTRALIA**—*New South Wales—Brisbane.*—Month of February, 1898. Estimated population, 105,734. Total number of deaths, 110, including diphtheria, 2; typhoid fever, 2; phthisis pulmonalis, 5, and whooping cough, 3.

**GREAT BRITAIN**—*England and Wales.*—The deaths registered in 33 great towns in England and Wales during the week ended April 23 correspond to an annual rate of 18.1 a thousand of the aggregate population, which is estimated at 11,218,378. The highest rate was recorded in Sunderland, viz, 24.6, and the lowest in Croydon, viz, 8.4.

*London.*—One thousand five hundred and forty-six deaths were registered during the week, including measles, 131; scarlet fever, 10; diphtheria, 31; whooping cough, 53; enteric fever, 5, and diarrhea and dysentery, 10. The deaths from all causes correspond to an annual rate of 17.9 a thousand. In greater London 1,976 deaths were registered, corresponding to an annual rate of 16.1 a thousand of the population. In the "outer ring" the deaths included 22 from measles, 2 from scarlet fever, 16 from diphtheria, and 10 from whooping cough.

*Ireland.*—The average annual death rate represented by the deaths registered during the week ended April 23 in the 23 principal town districts of Ireland was 18.1 a thousand of the population. The lowest rate was recorded in Ballymena, viz, 5.6, and the highest in Galway, viz, 56.7 a thousand. In Dublin and suburbs 156 deaths were registered, including enteric fever, 2; scarlet fever, 5; whooping cough, 2, and 1 from diphtheria.

*Scotland.*—The deaths registered in 8 principal towns during the week ended April 23 correspond to an annual rate of 22.0 a thousand of the population, which is estimated at 1,568,536. The lowest mortality was recorded in Leith, viz, 13.6, and the highest in Perth, viz, 28.9

a thousand. The aggregate number of deaths registered from all causes was 663, including measles, 26; scarlet fever, 6; diphtheria, 6, and whooping cough, 25.

RUSSIA—*Riga*.—Month of February, 1898. Estimated population, 282,000. Total deaths, 397, including diphtheria, 9; enteric fever, 7; scarlet fever, 5; phthisis pulmonalis, 47; smallpox, 5, and whooping cough, 4.

MORTALITY TABLE, FOREIGN CITIES.

| Cities.                    | Week ended.  | Estimated population. | Total deaths from all causes. | Deaths from— |               |           |               |                |                |             |          |                 |   |
|----------------------------|--------------|-----------------------|-------------------------------|--------------|---------------|-----------|---------------|----------------|----------------|-------------|----------|-----------------|---|
|                            |              |                       |                               | Cholera.     | Yellow fever. | Smallpox. | Typhus fever. | Enteric fever. | Scarlet fever. | Diphtheria. | Measles. | Whooping cough. |   |
| Acapulco.....              | Apr. 23..... | 7,000                 |                               |              |               |           |               |                |                |             |          |                 |   |
| Aix la Chapelle.....       | Apr. 16..... | 127,607               | 56                            |              |               |           |               |                |                |             |          |                 |   |
| Amapala.....               | Mar. 26..... | 1,500                 | 1                             |              |               |           |               |                |                |             |          |                 | 1 |
| Do.....                    | Apr. 2.....  | 1,500                 | 0                             |              |               |           |               |                |                |             |          |                 |   |
| Do.....                    | Apr. 9.....  | 1,500                 | 0                             |              |               |           |               |                |                |             |          |                 |   |
| Amherstburg.....           | Apr. 30..... | 2,800                 | 1                             |              |               |           |               |                |                |             |          |                 |   |
| Amsterdam.....             | Apr. 23..... | 505,326               | 165                           |              |               |           | 1             |                |                |             |          |                 | 5 |
| Antwerp.....               | Apr. 16..... | 282,872               | 86                            |              |               |           |               |                | 7              | 1           |          |                 | 1 |
| Belize.....                | Apr. 30..... | 13,000                | 6                             |              |               |           |               |                |                |             |          |                 |   |
| Berlin.....                | Apr. 9.....  | 1,728,201             | 533                           |              |               |           |               | 1              | 3              | 8           | 2        |                 |   |
| Birmingham.....            | Apr. 23..... | 505,772               | 178                           |              |               |           |               | 6              | 1              | 1           | 2        |                 | 6 |
| Bombay.....                | Apr. 5.....  | 500,000               | a1,519                        | 1            |               | 5         |               | 2              |                |             |          | 11              |   |
| Bremen.....                | Apr. 16..... | 143,500               | 50                            |              |               |           |               | 1              |                | 1           | 1        |                 |   |
| Brussels.....              | do.....      | 531,024               | 175                           |              |               |           |               | 1              |                | 2           | 2        |                 | 3 |
| Budapest.....              | Apr. 23..... | 640,000               |                               |              |               |           | 2             |                |                |             | 6        | 5               |   |
| Calcutta.....              | Mar. 26..... | 681,560               | 459                           | 35           |               | 3         |               |                |                |             | 6        | 2               |   |
| Callao.....                | Apr. 3.....  | 20,000                | 25                            |              |               |           |               |                |                |             |          |                 |   |
| Cardiff.....               | Apr. 23..... | 177,770               | 49                            |              |               |           |               |                |                |             |          |                 |   |
| Catania.....               | Apr. 21..... | 120,000               | 56                            |              |               |           |               | 3              |                | 2           | 3        | 1               |   |
| Christiania.....           | Apr. 23..... | 200,000               | 70                            |              |               |           |               |                |                |             |          |                 | 2 |
| Cognac.....                | Apr. 6.....  | 20,000                | 4                             |              |               |           |               |                |                |             |          |                 |   |
| Do.....                    | Apr. 13..... | 20,000                | 10                            |              |               |           |               |                |                |             |          |                 |   |
| Do.....                    | Apr. 20..... | 20,000                | 5                             |              |               |           |               |                |                |             |          |                 |   |
| Cologne.....               | Apr. 16..... | 342,773               | 142                           |              |               |           |               |                |                | 4           |          | 6               |   |
| Colon.....                 | Apr. 25..... | 8,000                 | 8                             |              |               |           |               |                |                |             |          |                 |   |
| Crefeld.....               | Apr. 23..... | 110,000               | 29                            |              |               |           |               |                |                |             |          |                 |   |
| Dusseldorf.....            | Apr. 16..... | 192,898               | 67                            |              |               |           | 1             |                |                |             |          | 3               |   |
| Flushing.....              | Apr. 23..... | 17,193                | 5                             |              |               |           |               |                |                |             |          |                 |   |
| Frankfort on the Main..... | do.....      | 245,000               | 80                            |              |               |           |               |                |                |             | 1        |                 |   |
| Funchal.....               | Apr. 17..... | 35,665                | 21                            |              |               |           |               |                |                |             |          |                 |   |
| Ghent.....                 | Apr. 23..... | 161,125               | 65                            |              |               |           |               | 1              | 2              |             |          |                 |   |
| Gibraltar.....             | Apr. 17..... | 25,900                | 13                            |              |               |           |               |                |                |             | 1        |                 |   |
| Girgenti.....              | Apr. 16..... | 24,428                | 13                            |              |               |           |               |                |                |             |          |                 |   |
| Gothenburg.....            | do.....      | 119,751               | 49                            |              |               |           |               |                |                |             | 3        |                 | 1 |
| Guayaquil.....             | Apr. 15..... | 50,000                | 81                            |              |               |           |               |                |                |             |          |                 |   |
| Halifax.....               | Apr. 30..... | 38,700                | 15                            |              |               |           |               |                |                |             |          |                 |   |
| Hamburg.....               | Apr. 23..... | 661,015               | 226                           |              |               |           |               | 1              | 2              | 1           | 2        | 2               | 3 |
| Hamilton, Bermuda.....     | Apr. 6.....  | 16,000                | 1                             |              |               |           |               |                |                |             |          |                 |   |
| Hongkong.....              | Mar. 19..... | 261,258               | b 113                         |              |               | 5         |               |                |                |             |          |                 |   |
| Do.....                    | Mar. 26..... | 261,258               | c 118                         |              |               | 2         |               |                |                |             |          |                 |   |
| Honolulu.....              | Mar. 16..... | 30,000                | 18                            |              |               |           |               |                |                |             |          |                 |   |
| Kingston, Canada.....      | May 6.....   | 18,800                | 4                             |              |               |           |               |                |                |             |          |                 |   |
| Konigsberg.....            | Apr. 16..... | 171,700               |                               |              |               |           |               |                |                |             |          |                 |   |
| Leeds.....                 | Apr. 23..... | 416,618               | 165                           |              |               |           |               |                |                | 2           |          | 11              | 5 |
| Leghorn.....               | Apr. 24..... | 104,053               | 39                            |              |               |           |               |                |                | 1           |          |                 |   |
| Licata.....                | Apr. 16..... | 23,000                | 11                            |              |               |           | 1             | 1              |                |             |          |                 |   |
| Livingston.....            | Apr. 23..... | 20,000                | 1                             |              |               |           |               |                |                |             |          |                 |   |
| Lyons.....                 | Apr. 16..... | 466,028               | 216                           |              |               |           |               |                |                | 1           |          |                 |   |
| Madras.....                | Apr. 1.....  | 452,518               | 316                           | 1            |               |           |               |                |                |             |          | 26              |   |
| Magdeburg.....             | Apr. 23..... | 221,406               | 81                            |              |               |           |               |                |                |             |          | 2               |   |
| Mainz.....                 | do.....      | 76,984                | 42                            |              |               |           |               |                |                | 1           | 2        |                 |   |
| Mannheim.....              | Apr. 16..... | 107,853               | 42                            |              |               |           |               |                |                |             |          |                 |   |
| Matamoras.....             | Apr. 29..... | 16,304                | 7                             |              |               |           |               |                |                |             |          |                 |   |
| Melbourne.....             | Mar. 12..... | 450,000               |                               |              |               |           |               | 7              |                | 1           |          |                 |   |
| Do.....                    | Mar. 19..... | 450,000               |                               |              |               |           |               | 7              |                | 2           | 5        |                 |   |
| Do.....                    | Mar. 26..... | 460,000               |                               |              |               |           |               | 5              | 0              | 3           |          |                 |   |
| Do.....                    | Apr. 2.....  | 450,000               |                               |              |               |           |               | 12             | 1              | 7           |          |                 |   |
| Messina.....               | Apr. 23..... | 107,000               | 38                            |              |               |           |               |                |                |             |          |                 |   |
| Moscow.....                | Apr. 9.....  | 1,000,000             | 515                           |              |               | 1         |               | 4              | 6              | 10          | 15       |                 | 1 |
| Nagasaki.....              | Apr. 6.....  | 72,000                |                               |              |               |           |               |                |                | 1           |          |                 |   |
| Nuremberg.....             | Apr. 9.....  | 189,720               | 93                            |              |               |           |               |                |                |             |          |                 |   |
| Odesa.....                 | Apr. 16..... | 383,000               | 170                           |              |               |           |               | 2              | 3              | 2           | 1        |                 | 2 |
| Ossaka and Hiogo.....      | Apr. 2.....  | 202,912               | 111                           |              |               |           |               |                |                |             |          |                 |   |
| Palermo.....               | Apr. 16..... | 273,000               | 127                           |              |               |           |               |                |                | 3           |          |                 | 2 |
| Fernambuco.....            | Mar. 5.....  | 200,000               | 107                           |              |               |           |               | 3              |                |             |          |                 |   |
| Do.....                    | Mar. 12..... | 200,000               | 98                            |              |               |           |               |                |                |             |          |                 |   |
| Do.....                    | Mar. 19..... | 200,000               | 101                           |              |               |           |               | 2              |                |             |          |                 |   |
| Do.....                    | Mar. 26..... | 200,000               | 104                           |              |               |           |               |                |                |             |          |                 |   |
| Plymouth.....              | Mar. 23..... | 99,130                | 29                            |              |               |           |               |                |                |             |          |                 |   |
| Prague.....                | Mar. 16..... | 198,320               | 120                           |              |               |           |               |                | 1              | 1           | 1        |                 |   |
| Puerto Cortez.....         | Mar. 27..... | 2,000                 | 0                             |              |               |           |               |                |                |             |          |                 |   |

a Bubonic plague, 678.  
 b Bubonic plague, 23.  
 c Bubonic plague, 40.

MORTALITY TABLE, FOREIGN CITIES—Continued.

| Cities.                | Week ended.  | Estimated population. | Total deaths from all causes. | Deaths from— |               |           |               |                |                |             |          |                 |   |
|------------------------|--------------|-----------------------|-------------------------------|--------------|---------------|-----------|---------------|----------------|----------------|-------------|----------|-----------------|---|
|                        |              |                       |                               | Cholera.     | Yellow fever. | Smallpox. | Typhus fever. | Enteric fever. | Scarlet fever. | Diphtheria. | Measles. | Whooping cough. |   |
| Queenstown.....        | Mar. 9.....  | 15,000                | 1                             |              |               |           |               |                |                |             |          |                 |   |
| Do.....                | Mar. 16..... | 15,000                | 6                             |              |               |           |               |                |                |             |          |                 |   |
| Do.....                | Mar. 23..... | 15,000                | 2                             |              |               |           |               |                |                |             |          |                 |   |
| Rheims.....            | Apr. 2.....  | 106,948               | 50                            |              |               |           |               | 1              |                | 1           | 2        |                 | 3 |
| Rotterdam.....         | Apr. 23..... | 300,171               | 122                           |              |               |           |               |                | 1              | 1           | 7        |                 |   |
| Schledam.....          | do.....      | 26,884                | 10                            |              |               |           |               |                |                |             |          |                 |   |
| Sheffield.....         | Apr. 16..... | 353,326               | 113                           |              |               |           |               | 1              | 1              | 1           | 4        |                 | 3 |
| St. Georges.....       | do.....      | 2,150                 | 1                             |              |               |           |               |                |                |             |          |                 |   |
| Do.....                | Apr. 30..... | 2,150                 | 0                             |              |               |           |               |                |                |             |          |                 |   |
| St. John, Antigua..... | Apr. 9.....  | 16,679                | 18                            |              |               |           |               |                |                |             |          |                 |   |
| St. Stephen.....       | Apr. 30..... | 8,000                 | 0                             |              |               |           |               |                |                |             |          |                 |   |
| Sonneberg.....         | Apr. 16..... | 12,400                | 4                             |              |               |           |               |                |                |             |          |                 |   |
| Southampton.....       | do.....      | 100,888               | 44                            |              |               |           |               |                |                |             |          |                 |   |
| Stettin.....           | do.....      | 180,000               | 59                            |              |               |           |               | 1              | 1              |             |          |                 |   |
| Stockholm.....         | do.....      | 275,000               | 101                           |              |               |           |               | 1              | 1              | 1           |          |                 | 1 |
| Stuttgart.....         | Apr. 21..... | 162,334               | 78                            |              |               |           |               |                |                |             |          |                 |   |
| Teguicigalpa.....      | Apr. 16..... | 12,000                | 6                             |              |               |           |               |                |                |             |          |                 |   |
| Trapani.....           | do.....      | 45,095                | 16                            |              |               |           |               |                |                |             |          |                 |   |
| Trieste.....           | do.....      | 165,000               | 73                            |              |               |           |               |                |                | 1           |          |                 |   |
| Venice.....            | do.....      | 167,074               | 57                            |              |               |           |               | 1              |                |             |          |                 | 1 |
| Vera Cruz.....         | Apr. 23..... | 30,000                | 19                            |              |               |           |               |                |                |             |          |                 |   |
| Vienna.....            | Apr. 2.....  | 1,574,129             | 733                           |              |               |           |               | 1              | 4              | 8           | 36       |                 |   |
| Warsaw.....            | Apr. 9.....  | 601,408               | 211                           |              |               | 8         | 2             | 2              |                | 5           | 1        |                 | 3 |
| Do.....                | Apr. 16..... | 601,408               | 215                           |              |               | 9         | 1             | 2              | 5              | 6           | 2        |                 | 2 |
| Winnipeg.....          | Apr. 30..... | 38,733                | 1                             |              |               |           |               |                |                |             |          |                 |   |
| Zurich.....            | Apr. 16..... | 158,968               | 57                            |              |               | 1         |               |                |                | 1           |          |                 | 5 |

By authority of the Secretary of the Treasury :

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