

Public Health Reports

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

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UNITED STATES.

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

Yellow fever in the South.

September 16: Surgeon Murray is informed that the official name of the detention camp at Fontainebleau, Miss., is "Camp Fontainebleau."

Passed Assistant Surgeon Wertenbaker, at Delaware Breakwater, is directed to ship as soon as possible camp equipage by fast freight to Waycross, Ga., care of Superintendent G. W. Haines.

Passed Assistant Surgeon Young, at Memphis, is directed to forward 100 tents instead of 75 to Jackson, Miss.

The mayor of Jackson, Miss., is informed that Passed Assistant Surgeon Geddings has left Washington for Jackson for the purpose of establishing a camp by request of the State health authorities, with directions to confer with Dr. Purnell. Doctors Hunter and Kiger, at Vicksburg, are informed that 100 tents have been sent from St. Louis to Jackson this date, the 16th, via Memphis; also that Geddings has left Washington for the same city. They are requested to notify Dr. Purnell and arrange a conference with Geddings concerning the site of the camp.

State Health Officer Porter, of Florida, is informed that the mails and express matter are being disinfected, freight not yet begun; that Glennan has removed to Mobile from Grand Bay, Ala., to start train inspection service; medical inspectors placed on each train leaving Mobile; Carter has commenced the same at New Orleans.

State Health Officer Sanders, Alabama, is informed that material has

been ordered to be shipped to Waycross, Ga., preparatory to establishing a camp if matters should grow worse in Mobile; also that train inspection service has been established from Mobile and New Orleans to the borders of Georgia, Tennessee, Arkansas, and Texas, and that in case of necessity hospital cars would be attached to each train in Mobile, to be side tracked at designated points.

September 17 : The following notice of assignments is issued : Surgeon Murray in charge of Service matters in Mississippi, south of but not including Jackson and Vicksburg ; Surgeon Sawtelle, on duty at Atlanta, in charge of Service matters for Georgia ; Surgeon Carter, same for New Orleans and Louisiana ; Passed Assistant Surgeon Glennan, at Mobile, in charge of Alabama, and prepared to establish a detention camp near Mobile ; Passed Assistant Surgeon Geddings at Jackson, Miss., in charge of northern Mississippi, ready to establish a detention camp near Edwards ; Passed Assistant Surgeon Young, at Memphis, to aid the Mississippi River inspection, and to cooperate with the local authorities. Each officer is directed to wire daily reports of cases and deaths at points in his district.

Passed Assistant Surgeon Young, at Memphis, is ordered to employ a physician to begin a supplemental inspection of boats going up the river at a point below Memphis, and to arrange for the care and isolation of suspicious cases.

Passed Assistant Surgeon Kalloch telegraphs that there are two suspicious cases in the marine hospital at Cairo, admitted from a Government dredge. He is ordered to take every precaution to prevent the spread of the contagion, and Acting Assistant Surgeon John Guit  ras is directed to proceed to Cairo to examine these cases.

Surgeon Carter reports from New Orleans that the board of health is disinfecting the mail from infected houses with formalin.

Surgeon Sawtelle reports from Atlanta that the railroad authorities agree to sell no tickets to persons coming from infected places, or seeking to go to points south of Atlanta, and that medical inspection of trains from the south was instituted by the board of health on the 16th. Atlanta and West Point trains were inspected 40 miles from the city ; Southern Railroad trains from Birmingham, 20 miles from the city ; suspicious cases to be put off 4 miles out and cared for in detention camp. The coaches bound south from Atlanta and Montgomery fumigated before departure. New Orleans and New York Pullmans fumigated in Jersey City. Many persons were reported passing through Atlanta for northern points. There were 500 refugees in Atlanta, the health authorities aiding them to reach northern points by giving them health certificates after examination.

Passed Assistant Surgeon White, from Camp Fontainebleau, reports persons in vicinity of camp suffering for food, being cut off from market and from their business on account of the quarantine. He was author-

ized to make such purchases from them as were necessary for the camp and admit them to it.

It is suggested by Dr. Glennan that Mount Vernon Barracks would be desirable as a detention camp, and he is ordered to inspect if necessary. He reported that Governor Johnston had authorized the use of Mount Vernon Barracks.

Acting Assistant Surgeon John Guitéras reports 1 case of yellow fever at marine hospital in Mobile, isolated and cared for in a tent.

Passed Assistant Surgeon Smith, Gulf Quarantine, reports his belief that the man sent from the tug *Leo* is convalescent from yellow fever; that he was sick aboard for nine days while the tug was engaged in the usual work among the shipping, and forbidden to go ashore. The tug had been lying part of the time at the wharf in Scranton. Another tug hand went home sick before this man was taken sick. Probable origin of disease, Scranton. The health officer at Scranton was advised that the *Leo* should be disinfected and the crew observed.

Surgeon Sawtelle, from Atlanta, reports the arrival on the 17th of 300 refugees, and 250 as having left for the north with health certificates, leaving about 500 in the city. Those desiring health certificates are requested to register on arrival in order to save time.

Surgeon Murray reports that 40 persons will be received in Camp Fontainebleau to-morrow, the 19th; 10 from Scranton, 10 from Ocean Springs, and 20 from Biloxi.

September 19: Acting Assistant Surgeon Guitéras, having confirmed the diagnosis of yellow fever at Cairo, and reported that one of the dredges was at East Cairo, Kalloch is ordered to quarantine the dredge, and wire full information.

Dr. Lindsley, secretary, reports that at a called meeting of the Tennessee board of health on the 18th, quarantine was ordered against the entire State of Mississippi, including all persons and baggage, to go into effect on the 20th; also that inspectors had been appointed at Memphis, Grand Junction, Raymer, State Line, Chattanooga, Cleveland, and Ducktown, and that they had been ordered to cooperate with the Marine-Hospital Service. Passed Assistant Surgeon Young was ordered to instruct them.

Surgeon Carter is directed to appoint two inspectors on the Alabama and Vicksburg Railroad.

Surgeon Sawtelle reports 75 refugees as having arrived in Atlanta on the 18th, 1 suspicious case detained at camp four miles out of city—a man from Mobile who had nursed a fatal case of yellow fever in that city.

Passed Assistant Surgeon Geddings reports his arrival at Jackson, and that he will confer with Dr. Hunter, secretary, and other members of the State board of health before going to Edwards, and that the camp equipage had arrived at Jackson.

Passed Assistant Surgeon White reports 13 stragglers admitted to

Camp Fontainebleau during the last six days, 42 as regularly admitted to-day; will admit those from Mobile to-morrow. Murray giving tickets. Camp is laid out with 200 guest tents, and 100 more can be added when received. Each tent holds 4 persons, or 5 on a pinch. Can care daily for 150 persons during the next three days, and after that, 800 daily.

September 20: Passed Assistant Surgeon Magruder is directed, on the arrival of Passed Assistant Surgeon Bratton at Sabine Pass, Tex., to proceed to Galveston and await orders.

Passed Assistant Surgeon White, at Fontainebleau, is authorized to purchase formaldehyd generator for the purpose of disinfection.

Dr. Lindsley is informed that the marine hospital officers at Memphis, New Orleans, and Mobile have been directed to cooperate with the State inspectors.

Surgeon Carter, at New Orleans, is directed to arrange with the Mississippi board so as to remove the embargo on disinfected mails from New Orleans.

Acting Assistant Surgeon Guit  ras, at Cairo, is directed to proceed to Point Pleasant, and have special measures taken regarding the dredge *Gamma*; authorized to employ local physician to carry out necessary measures to prevent spread, and to return to Cairo after completion of work.

Passed Assistant Surgeon Kalloch, at Cairo, is directed to put the dredge *Alpha* in strict quarantine, and prevent escape of the crew except to a place of detention, which he was authorized to establish immediately under strong guard. Employment of physician and necessary guards authorized.

Surgeon Wheeler, at Cincinnati, is directed to proceed to St. Louis for temporary duty, relieving Passed Assistant Surgeon Cobb.

Passed Assistant Surgeon Cobb is directed, on being relieved, to report to Passed Assistant Surgeon Kalloch at Cairo to assist in preventive measures.

In reply to the secretary of the State board of health of Missouri, as to what measures should be taken to prevent spread of yellow fever, he is recommended to take the same course in St. Louis as was taken in 1878. It is suggested that he look after Point Pleasant with reference to the dredge boats, and assist the marine hospital officers.

Passed Assistant Surgeon Geddings, Jackson, Miss., is informed that a formol boiler with chemicals had been ordered sent to him from New York.

September 21: Surgeon Wheeler, St. Louis, is directed to isolate all patients from boat *Alpha*, or other suspects, and to make further report.

Passed Assistant Surgeon Geddings, at Jackson, Miss., is directed to consult by wire Dr. Gully concerning the employment of train inspectors from meridian north and east to State line, making connecting links

between inspectors from New Orleans, and with inspectors at State lines of Georgia and Tennessee.

The following telegram is sent Dr. Sanders, State health officer of Alabama:

"Am informed by Postmaster-General of great restrictions placed on mails at Montgomery, coming from both north and south. All mails passing in either direction are now fumigated by postal authorities. Mail cars passing through Montgomery without stopping, by order of the Postmaster-General, with doors and windows closed. As to clerks passing through Montgomery, they do not come from any infected section, simply running between Newman and Hurricane. Each clerk is obliged to wear a uniform cap of the Postal Service, with badge, and no other persons are allowed in the car. Under these circumstances no good reason for interfering with United States mails at Montgomery, which, moreover, is contrary to law. Kindly use your endeavors with local authorities to prevent this unnecessary restriction. Mississippi and Louisiana have yielded to like request."

Surgeon Sawtelle, at Atlanta, is authorized to purchase necessary furniture for the detention camp at Mount Vernon Barracks, Ala., for 250 people, on requisition of Passed Assistant Surgeon Glennan.

Assistant Surgeon Norman and Dr. Faget, at New Orleans, directed to report to Surgeon Carter for orders.

Passed Assistant Surgeon Geddings reports the acceptance of the camp equipage shipped to Edwards by Dr. Hunter. Camp to be laid out to-day.

Assistant Surgeon Decker, at St. Louis, reports that the health commissioner regards the case of fever as suspicious and proposes to remove the man to quarantine and take all precautions.

Drs. H. A. Grant and H. H. Haralson, at Biloxi, report:

"No precaution taken to prevent infection of field in Ship Island Harbor from Biloxi. Will you please take charge of this work?"

Surgeon Sawtelle, from Atlanta, reports nearly one-half the passengers on trains from the south were bound for northern points; no suspicious cases in the city. Identification and evidence required that applicants have not been in infected district for the past twenty days before health certificate is issued.

Surgeon Wheeler, from St. Louis, reports that no further developments have occurred. Precautions have been taken; symptoms do not indicate yellow fever.

Passed Assistant Surgeon White reports 80 discharged from Camp Fontainebleau; remaining, 136, and that Dr. Gill, of the Louisiana board of health, was visiting the camp.

Dr. Lindsley telegraphs: "We informed railway officers that our regulations respecting tropical fruit and freight of all kinds are simply that they obey the rules of the Marine-Hospital Service."

Dr. Glenn Andrews, at Montgomery, Ala., reports that Montgomery has no unnecessary restrictions against mails, the requirements being

that all mail from infectious points must be fumigated and brought in a clean car by clerk who has not been in an infected district for past twenty days. No restrictions on any other mail.

Passed Assistant Surgeon Kalloch, at Cairo, Ill., reports all cases doing well. *Alpha* being disinfected.

Yellow fever in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, to September 22, 1897.

| States. | Cities. | Date. | Cases. | Deaths. |
|------------------|--------------------|----------|--------|---------|
| Alabama | Mobile..... | Sept. 13 | 1 | ..... |
| | | Sept. 14 | 2 | ..... |
| | | Sept. 17 | 2 | ..... |
| | | Sept. 18 | 11 | ..... |
| | | Sept. 19 | 2 | ..... |
| | | Sept. 20 | 1 | ..... |
| | | Sept. 21 | 2 | ..... |
| | | Sept. 22 | 4 | ..... |
| | | Sept. 23 | 2 | ..... |
| | | Sept. 23 | *1 | ..... |
| Georgia..... | Atlanta..... | Sept. 19 | 2 | ..... |
| Illinois..... | Cairo..... | Sept. 20 | †2 | ..... |
| Kentucky..... | Louisville..... | Sept. 23 | *1 | ..... |
| Louisiana..... | New Orleans.... | Sept. 8 | ..... | 1 |
| | | Sept. 12 | 7 | ..... |
| | | Sept. 13 | 3 | ..... |
| | | Sept. 14 | 5 | ..... |
| | | Sept. 15 | 2 | ..... |
| | | Sept. 16 | 2 | ..... |
| | | Sept. 17 | 8 | 1 |
| | | Sept. 18 | 5 | 1 |
| | | Sept. 19 | 6 | 2 |
| | | Sept. 20 | †18 | ..... |
| | | Sept. 21 | 9 | ..... |
| | | Sept. 22 | 12 | 2 |
| | | Sept. 23 | 9 | 3 |
| Mississippi..... | Barkley | Sept. 13 | 8 | 4 |
| | | Sept. 14 | 1 | ..... |
| | Biloxi | Sept. 18 | 1 | ..... |
| | | (?) | 22 | ..... |
| | Edwards..... | Sept. 19 | ..... | 1 |
| | | Sept. 20 | 1 | 1 |
| | | Sept. 21 | ..... | 1 |
| | | Sept. 22 | 5 | 1 |
| | | Sept. 15 | 12 | 1 |
| | | Sept. 19 | 4 | ..... |
| | | Sept. 20 | 2 | ..... |
| | | Sept. 21 | 12 | ..... |
| | | Sept. 22 | 13 | 2 |
| | | Sept. 23 | 23 | ..... |
| | Ocean Springs..... | Sept. 8 | 4 | 2 |
| | | Sept. 13 | 1 | ..... |
| | | Sept. 18 | 2 | 3 |
| | | Sept. 22 | 4 | ..... |
| | Scranton | Sept. 23 | 6 | ..... |
| | | Sept. 10 | 1 | ..... |
| | | Sept. 14 | 1 | ..... |
| | | Sept. 19 | 1 | ..... |
| | | Sept. 20 | 15 | ..... |
| | | Sept. 22 | 4 | ..... |
| Texas..... | Perkinston..... | Sept. 23 | 6 | ..... |
| | Beaumont..... | Sept. 10 | 1 | ..... |
| | | Sept. 22 | 1 | ..... |

* Refugee. † On dredge boat. ‡ Nine of these cases should have been reported before.
§ To September 15.

Smallpox in Birmingham.

The following daily telegrams from County Health Officer J. W. Barclay give the progress of smallpox :

September 16: No cases to-day. September 17: No cases to-day.

Schooner Wave versus quarantine requirements.

[Telegrams.]

SEPTEMBER 19, 1897.

COLLECTOR OF CUSTOMS, *Key West, Fla.*:

Brunner wires to-day from Habana—

"Schooner *Wave*, cattle, from Key West arrived and sails to-day ; crew immune but discharged wharf near Tallapiedra. Ordered Tortugas, claim State permit to enter Key West direct."

This vessel requires disinfection and must have pratique of a disinfecting station.

WYMAN,
Surgeon-General.

KEY WEST, FLA., *September 20, 1897.*WYMAN, *Surgeon-General:*The schooner *Wave* has sailed for the disinfecting station at Tortugas.

GEO. W. ALLEN,
Collector of Customs.

Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 29, 1896, to September 24, 1897.

| Places. | Date. | Cases. | Deaths. | Remarks. |
|--|--|-------------------------------|-------------|---|
| Alabama: | | | | |
| Birmingham and adjacent country..... | May 8-Aug. 12.... Aug. 21-Sept. 15... | 96 59 | 1 | |
| Brockton..... | Aug. 29..... | 1 | | |
| Mobile..... | Dec. 28-Jan. 26.... Mar. 28..... Apr. 17..... May 21..... May 31..... | 2 1 1 1 1 | | |
| Montgomery..... | Aug. 7-Aug. 13.... | 28 | | |
| Union Springs..... | Mar. 21..... | | 1 | |
| Connecticut: | | | | |
| New Haven..... | Feb. 17..... | 1 | | |
| Florida: | | | | |
| Pensacola..... | Jan. 19-Feb. 20.... Feb. 28-Mar. 10.... Mar. 27-Apr. 3.... Apr. 10-May 1.... May 2-May 22.... May 29-June 5.... July 4-July 10.... | 13 14 3 10 7 2 | | 12 varioloid. Varioloid. Do. Do. Do. 1 case varioloid. |
| Escambia County (not including Pensacola)..... | Dec. 2-Jan. 19.... | 18 | | |
| Illinois: | | | | |
| Chicago..... | Mar. 25..... Mar. 27-Apr. 3.... Apr. 10-Apr. 17.... May 8-May 15.... | | 1 2 1 | Smallpox reported brought from Mexico. |
| Indiana: | | | | |
| Greenwood..... | Feb. 12..... | 1 | | |
| Louisiana: | | | | |
| New Orleans..... | Sept. 8..... | 1 | | Varioloid. |
| Massachusetts: | | | | |
| Boston..... | May 1-May 8.... May 22-May 29.... June 6-June 26.... June 19-June 26.... Apr. 10-Apr. 17.... | 4 1 3 1 1 | | Varioloid. 1 smallpox. |
| Cambridge..... | | | 2 | |
| Gloucester..... | | | | |
| New Bedford..... | | | | |
| Michigan: | | | | |
| Blissfield Township..... | Mar. 27-Apr. 10.... Apr. 17-May 1.... | | | Smallpox reported. Do. |
| Missouri: | | | | |
| St. Louis..... | April 29..... May 1-May 22.... | 2 2 | 3 | |

Smallpox in the United States, etc.—Continued.

| Places. | Date. | Cases. | Deaths. | Remarks. |
|------------------|---------------------|--------|---------|--------------------|
| New Mexico: | | | | |
| Albuquerque..... | Sept. 19..... | 1 | | |
| New York: | | | | |
| Brooklyn..... | Apr. 24-June 26.... | 5 | 2 | |
| | June 27-July 24.... | 2 | 1 | |
| New York..... | Mar. 1-Mar. 31.... | | 2 | Smallpox reported. |
| | Apr. 17-May 15.... | | 10 | |
| | June 13-June 19.... | | 3 | |
| | July 4-July 24.... | | 3 | |
| Ohio: | | | | |
| Toledo..... | Apr. 1-May 31.... | 14 | 2 | |
| | June 1-June 30.... | 4 | 1 | |
| Pennsylvania: | | | | |
| Drifton..... | Apr. 6..... | 1 | | |
| Tennessee: | | | | |
| Memphis..... | Apr. 1-June 26.... | 21 | | |
| | July 4-July 17.... | 3 | | |
| | Aug. 15-Aug. 21.... | 1 | | |
| Washington: | | | | |
| Tacoma..... | Feb. 6..... | 1 | | |
| Olympia..... | Mar. 1..... | 1 | | |

Report of immigration at Boston for the week ended September 18, 1897.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Boston, September 18, 1897.

*Number of alien immigrants who arrived at this port during the week ended September 18, 1897;
also names of vessels and ports from which they arrived.*

| Date. | Vessel. | Where from. | No. of immigrants. |
|----------|------------------------------|----------------------------|--------------------|
| Sept. 12 | Steamship Yarmouth..... | Yarmouth, Nova Scotia..... | 192 |
| Do.... | Steamship Belvidere..... | Port Antonio, Jamaica..... | 4 |
| Sept. 13 | Steamship Halifax..... | Halifax, Nova Scotia..... | 131 |
| Sept. 14 | Steamship Lancastrian..... | Liverpool, England..... | 3 |
| Do.... | Steamship Prince Edward..... | Yarmouth, Nova Scotia..... | 46 |
| Sept. 15 | Steamship Boston..... | do..... | 62 |
| Sept. 16 | Steamship Yarmouth..... | do..... | 170 |
| Do.... | Steamship Olivette..... | Halifax, Nova Scotia..... | 72 |
| Do.... | Steamship Pro Patria..... | St. Pierre, Miquelon..... | 5 |
| Sept. 17 | Steamship Prince Edward..... | Yarmouth, Nova Scotia..... | 127 |
| Sept. 18 | Steamship Boston..... | do..... | 109 |
| Do.... | Schooner Minnie Louise..... | Arichat, Cape Breton..... | 5 |
| Do.... | Steamship St. Ronans..... | London, England..... | 5 |
| | Total..... | | 931 |

GEORGE B. BILLINGS,
U. S. Commissioner of Immigration.

Report of immigration at New York for the week ended September 18, 1897.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of New York, September 20, 1897.

*Number of alien immigrants who arrived at this port during the week ended September 18, 1897 ;
also names of vessels and ports from which they arrived.*

| Date. | Vessel. | Where from. | No. of immigrants. |
|------------|-------------------------------|-------------------------------|--------------------|
| Sept. 12 | Steamship Taormina..... | Hamburg..... | 78 |
| Do..... | Steamship La Bretagne..... | Havre..... | 248 |
| Do..... | Steamship Coleridge..... | Rio de Janeiro..... | 12 |
| Sept. 13 | Steamship Obdam..... | Rotterdam and Boulogne..... | 128 |
| Do..... | Steamship Anchoria..... | Glasgow..... | 83 |
| Do..... | Steamship Scindia..... | Naples..... | 453 |
| Do..... | Steamship Spree..... | Bremen..... | 141 |
| Do..... | Steamship Chateau Lafite..... | Bordeaux..... | 11 |
| Sept. 15 | Steamship Mongolian..... | Glasgow..... | 47 |
| Do..... | Steamship Westernland..... | Antwerp..... | 355 |
| Do..... | Steamship Werra..... | Genoa, Naples, etc..... | 232 |
| Sept. 16 | Steamship Servia..... | Liverpool and Queenstown..... | 101 |
| Do..... | Steamship Persia..... | Hamburg..... | 98 |
| Do..... | Steamship Lahn..... | Bremen..... | 119 |
| Do..... | Steamship Oevenum..... | Lisbon and The Azores..... | 109 |
| Do..... | Steamship H. H. Meier..... | Bremen..... | 235 |
| Sept. 17 | Steamship Britannic..... | Liverpool and Queenstown..... | 249 |
| Do..... | Steamship Ambria..... | Stettin..... | 28 |
| Sept. 18 | Steamship St. Louis..... | Southampton..... | 457 |
| Do..... | Steamship Normannia..... | Hamburg..... | 213 |
| Do..... | Steamship Umbria..... | Liverpool and Queenstown..... | 215 |
| Total..... | | | 3,612 |

THOMAS FITCHIE,
U. S. Commissioner of Immigration.

Report of immigration at Philadelphia for the week ended September 18, 1897.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Philadelphia, September 18, 1897.

Number of alien immigrants who arrived at this port during the two weeks ended September 18, 1897 ; also names of vessels and ports from which they arrived.

| Date. | Vessel. | Where from. | No. of immigrants. |
|------------|---------------------------------|-------------------------------|--------------------|
| Sept. 12 | Steamship Corean..... | Liverpool and Halifax..... | 3 |
| Do..... | Steamship Belgenland..... | Liverpool and Queenstown..... | 109 |
| Sept. 14 | Steamship Illinois..... | Antwerp..... | 100 |
| Sept. 17 | Steamship Santiago de Cuba..... | Cienfuegos..... | 18 |
| Sept. 18 | Steamship Waceland..... | Liverpool and Queenstown..... | 110 |
| Do..... | Steamship Missouri..... | London..... | 1 |
| Do..... | Steamship Mameluke..... | St. Jago..... | 1 |
| Total..... | | | 337 |

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. | Sept. 18 | Sp. bg. Joven Ana* | Sept. 2 | Pernambuco | Brunswick | Disinfected and held | Sept. 12 | No transactions. | 3 |
| Brunswick, Ga. | do. | Am. sc. Isabella Gill* | Sept. 6 | Kingston | do | do | Sept. 13 | | |
| | do. | Am. bkn. Grace Linwood. | Sept. 12 | Demersa | do | do | | | |
| Cape Charles, Va. | do. | Sp. bk. Conception | Sept. 14 | Santos | do | Held for disinfection. | | | 12 |
| Cape Fear, N. C. | do. | Am. sc. Wm. M. Bird. | Sept. 15 | New Orleans. | Wilmington, N. C. | Disinfected and held | | | 3 |
| Delaware Breakwater Quarantine, Del. | do. | Br. str. Jeanara | Sept. 18 | Rio | do | Held for disinfection. | | | 6 |
| Eureka, Cal. | Sept. 8 | Nor. bk. Safr.* | Aug. 31 | Santos | Ship Island. | Held for disinfection. | | No transactions | |
| Grays Harbor, Wash. | Sept. 15 | Am. sc. Florence and Lillian.* | Sept. 2 | S a g u a l a Grande. | Pascagoula. | Disinfected and held | Sept. 8 | do | |
| Gulf Quarantine, Ship Island, Miss. | Sept. 11 | Am. sc. B. Frank Neally. | Sept. 10 | Habana. | do | do | | | |
| | | Am. sc. L. N. Dantzler | do. | Frontera, Mex | do | do | | | |
| | | Am. sc. Rita Cué. | Sept. 11 | Vera Cruz | do | Held for disinfection. | | | |
| | | Br. ss. Rose Castle. | do. | Rio | Ship Island. | do | | No transactions | 10 |
| Newbern, N. C. | Sept. 18 | | | | | | | No report | 2 |
| Port Townsend, Wash. | Sept. 11 | | | | | | | | 17 |
| Reedy Island Quarantine, Del. | do. | | | | | | | | |
| San Diego, Cal. | Sept. 11 | | | | | | | | |
| San Francisco, Cal. | do. | Br. s. Hampstead * | Sept. 1 | Santos via St. Lucia. | Sapelo | Disinfected | Sept. 7 | | |
| South Atlantic Quarantine, Blackbeard Island, Ga. | do. | Br. s. Breckfield* | Sept. 2 | Rio | Port Royal | do | Sept. 8 | | |
| Tortugas Quarantine, Key West, Fla. | do. | Br. ss. Tuscan Prince* | Aug. 31 | Limon. | Tampa, Fla. | do | Sept. 5 | | |
| | | Am. sc. James M. Seaman.* | do. | Martinique. | Apalachicola. | do | Sept. 7 | 1 case malarial fever, and 1 case yellow fever at quarantine. | |
| | | Am. sc. John C. Smith.* | Sept. 4 | Habana | Brunswick | do | | | |

| | | | | | | | | |
|--|----------|-------------------------------|---------|---------------|---------------------|----------------------------|--------------|--------------|
| Tortugas Quarantine, Key West, Fla. | Sept. 11 | Am. sc. Laura..... | Sept. 5 |do..... | Carrabelle, Fla. |do..... |do..... |do..... |
| | | Am. sc. John F. Kraus..... | Sept. 6 | Kingston..... | Pensacola..... |do..... |do..... |do..... |
| | | Am. sc. Scotia..... | Sept. 9 | Colon..... | Mobile..... | Held for disinfection..... |do..... |do..... |
| Washington, N. C..... | Sept. 18 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | | | | | | | | |

* Previously reported.

10 cases malarial fever
reported during voy-
age; 5 cases malarial
cachexia on arrival.
No transactions.....

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..... | |
| Bangor, Me..... | | | | | | | | do..... | |
| Boston, Mass..... | | | | | | | | do..... | |
| Carrabelle, Fla..... | Sept. 18 | Bkn. H. Fuller..... | Sept. 16 | Barbados..... | Carrabelle..... | Disinfected and held..... | | | |
| | | Am. sc. Laura..... | Sept. 18 | Havana via Tortugas..... | do..... | do..... | Sept. 18 | | |
| | | Sc. W. G. Hart..... | Sept. 17 | Cienfuegos..... | Apalachicola..... | Remanded to Tortugas for disinfection..... | | | |
| Cedar Keys, Fla..... | | | | | | | | No report..... | 3 |
| Charleston, S. C..... | Sept. 18 | | | | | | | No report..... | 12 |
| Charlotte Harbor, Fla..... | Sept. 18 | | | | | | | do..... | |
| Elizabeth River, Va..... | | | | | | | | No transactions..... | |
| Galveston, Tex..... | | | | | | | | No report..... | |
| Gardiner, Oreg..... | | | | | | | | No report..... | |
| Georgetown, S. C..... | Sept. 18 | | | | | | | No transactions..... | |
| Gloucester, Mass..... | | | | | | | | No report..... | |
| Key West, Monroe Co., Fla..... | | | | | | | | do..... | |
| Mayport, Fla..... | Sept. 18 | | | | | | | | 6 |
| Mobile Bay, Ala..... | Sept. 11 | Toller..... | Sept. 11 | Biloxi..... | Mobile..... | Held for disinfection..... | | No report..... | |
| New Bedford, Mass..... | | | | | | | | do..... | |
| New Orleans, La..... | | | | | | | | No report..... | 11 |
| Newport News, Va..... | Sept. 18 | | | | | | | do..... | |
| Newport, R. I..... | | | | | | | | | |
| New York, N. Y..... | Sept. 18 | | | | | | | | 2 |
| Port Royal, S. C..... | do..... | | | | | | | | 1 |
| Providence, R. I..... | Sept. 11 | Br. s. Scottish Minister *..... | Aug. 13 | Santos..... | Savannah, Ga..... | Disinfected and held..... | Sept. 5 | | 6 |
| | | Aust. bk. Vinka *..... | Aug. 21 | Santos via Barbados..... | do..... | do..... | do..... | | |
| | | Br. bgtn. Curlew *..... | Aug. 25 | Bahia via Barbados..... | do..... | do..... | Sept. 6 | | |
| | | Nor. bk. Tordenskjold *..... | Aug. 26 | Para via Barbados..... | do..... | do..... | Sept. 7 | | |
| | | Sp. ss. Miguel M. Pannillos, *..... | Sept. 2 | Vera Cruz..... | do..... | do..... | do..... | | |

| | | | | | | | | |
|----------------|----------|---|----------------------------------|---|---|---|---------------------------------|-------|
| Savannah, Ga. | Sept. 11 | Br. bk. South African,* Br. ss. Port Victor * |do..... .....do..... | Rio Grande do Sul. Kingston |do..... .....do..... | Ballast discharged and vessel disinfected. Ballast discharged and vessel now undergoing fumigation. Ready to discharge ballast. | Sept. 10 | ..... |
| | | Nor. bk. Elsbeth | Sept. 6 | Santos via Barbados. |do..... | Disinfected and held. | ..... | ..... |
| | Sept. 18 | Nor. bk. Margarethe. Hr. ss. Port Victor * Nor. bk. Elsbeth * | Sept. 11 Sept. 2 Sept. 6 | Rio. Kingston. Santos via Barbados. |do..... Savannah, Ga. .....do..... | Vessel undergoing fumigation. | Sept. 15 | 8 |
| | | Nor. bk. Margarethe * Nor. bk. Crown. Nor. bk. Ragna. | Sept. 11 Sept. 13 Sept. 14 | Rio. Bahia. .....do..... |do..... .....do..... .....do..... | In stream | ..... | ..... |
| | | Nor. bk. Ocean. Nor. bk. Robert Srafton. |do..... Sept. 16 |do..... Demerara |do..... .....do..... |do..... | 1 death from beriberi at Bahia. | ..... |
| Tampa Bay, Fla | Sept. 18 | Sp. smk. Oriente * Hr. ss. Feliciano. Am. sc. Senator Sullivan. | Sept. 7 Sept. 13 Sept. 14 | Habana. Buenos Ayres Port au Prince | Habana. Port Tampa. Cedar Keys. | Disinfected and held. Disinfected. Disinfected and held. | Sept. 15 Sept. 14 | 24 |

* Previously reported.

Reports of States and yearly and monthly reports of cities.

CALIFORNIA—*Los Angeles*.—Month of August, 1897. Estimated population, 103,000. Total deaths, 110, including enteric fever, 3, and phthisis pulmonalis, 19.

Sacramento.—Month of August, 1897. Estimated population, 30,000. Total deaths, 26, including phthisis pulmonalis, 1.

San Francisco (city and county).—Month of August, 1897. Estimated population, 360,000. Total deaths, 422, including diphtheria, 10; enteric fever, 4; scarlet fever, 1, and phthisis pulmonalis, 50.

CONNECTICUT.—Month of August, 1897. Reports to the State board of health from 168 towns, having an aggregate population of 883,192, show a total of 1,237 deaths, including enteric fever, 15; diphtheria, 14; measles 2; scarlet fever, 5; phthisis pulmonalis, 94, and whooping cough, 12.

Westport.—Month of August, 1897. Estimated population, 4,000. Total deaths, 7.

LOUISIANA—*Shreveport*.—Month of August, 1897. Estimated population, 15,000. Total deaths, 44, including phthisis pulmonalis, 5.

MAINE—*Portland*.—Four weeks ended September 4, 1897. Population, 41,500. Total deaths, 67, including diphtheria, 1; measles, 2; whooping cough, 1, and phthisis pulmonalis, 4.

MASSACHUSETTS—*North Attleboro*.—Month of July, 1897. Estimated population, 6,727. Total deaths, 5, including phthisis pulmonalis, 1.

Month of August, 1897. Total deaths, 6.

MICHIGAN.—Reports to the State board of health, Lansing, from 56 observers, for the week ended September 11, 1897, indicate that dysentery and cholera morbus increased and that intermittent fever and bronchitis decreased in area of prevalence. Phthisis pulmonalis was reported present at 187, enteric fever at 46, diphtheria at 22, measles at 14, and whooping cough at 9 places.

MINNESOTA—*Minneapolis*.—Month of August, 1897. Estimated population, 225,602. Total deaths, 164, including diphtheria, 3; whooping cough, 4, and phthisis pulmonalis, 25.

MISSOURI—*St. Louis*.—Month of August, 1897. Estimated population, 600,000—white, 565,000; colored, 35,000. Total deaths, 766, including diphtheria, 10; enteric fever, 18; scarlet fever, 1; whooping cough, 8, and phthisis pulmonalis, 67.

NEW YORK—*Buffalo*.—Month of August, 1897. Estimated population, 360,000. Total deaths, 455, including diphtheria, 8; enteric fever, 3; measles, 1; scarlet fever, 1; whooping cough, 8, and phthisis pulmonalis, 35.

Yonkers.—Month of July, 1897. Estimated population, 40,000. Total deaths, 80, including diphtheria, 4, and phthisis pulmonalis, 4.

Month of August, 1897. Estimated population, 40,000. Total deaths, 83, including enteric fever, 5, and phthisis pulmonalis, 3.

OHIO—*Cleveland*.—Month of August, 1897. Estimated population, 350,000. Total deaths, 477, including diphtheria, 4; enteric fever, 12; whooping cough, 4, and phthisis pulmonalis, 12.

Columbus.—Month of August, 1897. Estimated population, 135,000. Total deaths, 104, including diphtheria, 1; enteric fever, 4, and phthisis pulmonalis, 20.

OREGON—*Portland*.—Month of July, 1897. Estimated population, 89,000. Total deaths, 79, including whooping cough, 1, and phthisis pulmonalis, 7.

PENNSYLVANIA—*Williamsport*.—Month of August, 1897. Estimated population, 35,000. Total deaths, 21.

VIRGINIA—*Norfolk*.—Month of August, 1897. Estimated population, 45,000—white, 25,710; colored, 19,290. Total deaths, 26, including enteric fever, 2.

Richmond.—Month of August, 1897. Estimated population, 103,560—white, 56,440; colored, 47,120. Total deaths, 129—white, 56; colored, 73, including diphtheria, 1; enteric fever, 3, and phthisis pulmonalis, 10.

WASHINGTON—*Seattle*.—Month of August, 1897. Population, 60,000. Total deaths, 37, including diphtheria, 1, and phthisis pulmonalis, 6.

WISCONSIN—*Milwaukee*.—Month of August, 1897. Estimated population, 275,000. Total deaths, 342, including diphtheria, 3; enteric fever, 2, and phthisis pulmonalis, 22.

Superior.—Month of August, 1897. Estimated population, 40,549. Total deaths, 30, including enteric fever, 2.

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. | Variceloid. | Cholera. | Typhus fever. | Enteric fever. | Scarlet fever. | Diphtheria. | Measles. | Whooping cough. |
| Baltimore, Md..... | Sept. 18..... | 434,439 | 177 | 22 | ..... | ..... | ..... | ..... | ..... | 6 | 1 | 4 | ..... | 1 |
| Boston, Mass..... | do..... | 448,477 | 25 | 30 | ..... | ..... | ..... | ..... | 7 | ..... | ..... | 3 | ..... | ..... |
| Brooklyn, N. Y..... | do..... | 806,343 | 427 | ..... | ..... | ..... | ..... | ..... | 8 | ..... | ..... | 13 | ..... | 2 |
| Brownsville, Tex..... | Sept. 4..... | 6,134 | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Cambridge, Mass..... | Sept. 11..... | 70,128 | 26 | 3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Do..... | Sept. 18..... | 70,128 | 30 | 3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 |
| Charleston, S. C..... | Sept. 4..... | * 54,955 | † 42 | 1 | ..... | ..... | ..... | ..... | 1 | ..... | 2 | ..... | ..... | ..... |
| Do..... | Sept. 11..... | 54,955 | ‡ 32 | 5 | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... |
| Chicago, Ill..... | do..... | 1,099,850 | 456 | 19 | ..... | ..... | ..... | ..... | 12 | 1 | 11 | ..... | ..... | 9 |
| Cincinnati, Ohio..... | Sept. 17..... | 236,908 | 108 | 19 | ..... | ..... | ..... | ..... | 2 | 2 | 1 | 2 | ..... | ..... |
| Cleveland, Ohio..... | Sept. 18..... | 261,353 | 104 | 4 | ..... | ..... | ..... | ..... | 3 | ..... | ..... | ..... | ..... | 1 |
| Columbus, Ohio..... | do..... | 88,150 | 31 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Dayton, Ohio..... | Sept. 17..... | 61,220 | 32 | 5 | ..... | ..... | ..... | ..... | 2 | ..... | ..... | ..... | ..... | ..... |
| Denver, Colo..... | Sept. 11..... | 106,713 | 38 | ..... | ..... | ..... | ..... | ..... | 1 | ..... | 2 | ..... | ..... | ..... |
| Dunkirk, N. Y..... | do..... | 9,416 | 8 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Erie, Pa..... | do..... | 40,634 | 10 | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Everett, Mass..... | Sept. 14..... | 11,068 | 4 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Fall River, Mass..... | Sept. 18..... | 74,398 | 49 | 2 | ..... | ..... | ..... | ..... | 1 | 1 | ..... | ..... | ..... | ..... |
| Fitchburg, Mass..... | Sept. 11..... | 22,037 | 8 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 |
| Gloucester, Mass..... | do..... | 24,651 | 6 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Green Bay, Wis..... | do..... | 9,069 | 6 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Haverhill, Mass..... | Sept. 18..... | 27,412 | 13 | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Ironton, Ohio..... | do..... | 10,939 | 4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Jacksonville, Fla..... | Sept. 11..... | 17,201 | 9 | 3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... |
| Jersey City, N. J..... | Sept. 12..... | 163,003 | 75 | 6 | ..... | ..... | ..... | ..... | 2 | 1 | 4 | ..... | ..... | ..... |
| Johnstown, Pa..... | Sept. 11..... | 21,805 | 4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Lawrence, Mass..... | do..... | 44,654 | 27 | 1 | ..... | ..... | ..... | ..... | ..... | 2 | ..... | ..... | ..... | ..... |
| Lowell, Mass..... | Sept. 18..... | 77,696 | 42 | 5 | ..... | ..... | ..... | ..... | 1 | 1 | ..... | ..... | ..... | ..... |
| McKeesport, Pa..... | Sept. 11..... | 20,741 | 11 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Manchester, N. H..... | Sept. 18..... | 44,126 | 32 | 2 | ..... | ..... | ..... | ..... | 1 | ..... | 1 | ..... | ..... | ..... |
| Medford, Mass..... | Sept. 11..... | 11,079 | 5 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Michigan City, Ind..... | do..... | 10,776 | 4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Middletown, N. Y..... | Sept. 15..... | 11,977 | 7 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | 2 | ..... | ..... | ..... |
| Minneapolis, Minn..... | Sept. 11..... | 164,738 | 39 | 4 | ..... | ..... | ..... | ..... | 2 | ..... | ..... | ..... | ..... | ..... |
| New Bedford, Mass..... | Sept. 18..... | 40,733 | 23 | ..... | ..... | ..... | ..... | ..... | 2 | ..... | 1 | ..... | ..... | ..... |
| Newburyport, Mass..... | Sept. 11..... | 13,947 | 3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| New Orleans, La..... | do..... | 242,039 | 104 | 18 | 1 | ..... | ..... | ..... | 2 | ..... | 1 | ..... | ..... | ..... |
| Newport, R. I..... | do..... | 19,457 | 12 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| New York, N. Y..... | Sept. 18..... | 1,515,301 | 756 | 75 | ..... | ..... | ..... | ..... | 6 | 5 | 21 | 2 | ..... | 6 |
| Norristown, Pa..... | Sept. 11..... | 19,791 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Do..... | Sept. 18..... | 19,791 | 7 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| North Adams, Mass..... | do..... | 16,074 | 6 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Omaha, Nebr..... | Sept. 11..... | 140,452 | 21 | ..... | ..... | ..... | ..... | ..... | 3 | 1 | ..... | ..... | ..... | ..... |
| Oneonta, N. Y..... | do..... | 6,272 | 0 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Philadelphia, Pa..... | Sept. 4..... | 1,046,964 | 399 | 37 | ..... | ..... | ..... | ..... | 11 | 6 | 18 | ..... | ..... | 10 |
| Do..... | Sept. 11..... | 1,046,964 | 389 | 42 | ..... | ..... | ..... | ..... | 6 | 2 | 16 | 1 | ..... | 3 |
| Do..... | Sept. 18..... | 1,046,964 | 361 | 41 | ..... | ..... | ..... | ..... | 7 | 1 | 17 | ..... | ..... | 6 |
| Pittsfield, Mass..... | do..... | 17,481 | 4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Poughkeepsie, N. Y..... | Sept. 11..... | 22,206 | 6 | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... |
| Providence, R. I..... | Sept. 18..... | 132,146 | 47 | 7 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Salt Lake City, Utah..... | Sept. 11..... | 44,843 | 7 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3 | ..... | ..... |
| St. Louis, Mo..... | do..... | 451,770 | 152 | 14 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Scranton, Pa..... | Sept. 18..... | 75,215 | ..... | ..... | ..... | ..... | ..... | ..... | 3 | ..... | 1 | ..... | ..... | 1 |
| Utica, N. Y..... | Sept. 11..... | 44,007 | 17 | 2 | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... |
| Virginia City, Nev..... | do..... | 8,511 | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Waltham, Mass..... | Sept. 18..... | 18,707 | 8 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Warren, Ohio..... | do..... | 5,973 | 0 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Washington, D. C..... | Sept. 11..... | 230,392 | 126 | 16 | ..... | ..... | ..... | ..... | 4 | ..... | 1 | ..... | ..... | 3 |
| West Newton, Mass..... | Sept. 18..... | 24,379 | 8 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Winona, Minn..... | Sept. 11..... | 18,208 | 7 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Woburn, Mass..... | Aug. 28..... | 13,499 | 11 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Do..... | Sept. 4..... | 13,499 | 5 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Do..... | Sept. 11..... | 13,499 | 1 | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... |
| Do..... | Sept. 18..... | 13,499 | 4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Worcester, Mass..... | Sept. 10..... | 84,655 | 37 | 8 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Yonkers, N. Y..... | Sept. 17..... | 32,033 | 19 | 2 | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... |

* Estimated population, 65,165; white, 28,870; colored, 36,295.

† Total deaths, 42; white, 12; colored, 30.

‡ Total deaths, 32; white, 5; colored, 27.

Table of temperature and rainfall, week ended September 20, 1897.

[Received from Department of Agriculture, Weather Bureau.]

| Locality. | Temperature in degrees Fahrenheit. | | | Rainfall in inches and hundredths. | | |
|-----------------------------------|------------------------------------|-----------|--------------|------------------------------------|---------|-------------|
| | Normal. | * Excess. | * Defic'ncy. | Normal. | Excess. | Deficiency. |
| Atlantic Coast: | | | | | | |
| Eastport, Me..... | 56 | | 4 | .77 | | .37 |
| Portland, Me..... | 59 | | 1 | .70 | | .30 |
| Northfield, Vt..... | 57 | | 3 | .62 | .18 | |
| Boston, Mass..... | 62 | 0 | | .60 | | .30 |
| Vineyard Haven, Mass..... | 64 | 0 | | .98 | | .78 |
| Nantucket, Mass..... | 64 | | 2 | .77 | | .37 |
| Woods Hole, Mass..... | 64 | | 2 | .70 | | .60 |
| Block Island, R. I..... | 64 | | 2 | .64 | | .14 |
| New Haven, Conn..... | 64 | | 2 | .84 | | .84 |
| Albany, N. Y..... | 63 | | 1 | .77 | .03 | |
| New York, N. Y..... | 66 | 2 | | .84 | | .84 |
| Harrisburg, Pa..... | 64 | 4 | | .98 | | .78 |
| Philadelphia, Pa..... | 67 | 1 | | .76 | | .56 |
| New Brunswick, N. J..... | 66 | | 2 | .80 | | .20 |
| Atlantic City, N. J..... | 67 | 1 | | .84 | | .84 |
| Baltimore, Md..... | 68 | 4 | | .91 | | .21 |
| Washington, D. C..... | 68 | 4 | | .85 | | .59 |
| Lynchburg, Va..... | 69 | 7 | | .91 | | .91 |
| Cape Henry, Va..... | 72 | 2 | | 1.05 | | 1.05 |
| Norfolk, Va..... | 71 | 5 | | 1.05 | | .75 |
| Charlotte, N. C..... | 72 | 6 | | .70 | | .40 |
| Raleigh, N. C..... | 72 | 6 | | .70 | | .70 |
| Kittyhawk, N. C..... | 73 | 1 | | 1.06 | | .86 |
| Hatteras, N. C..... | 74 | 0 | | 1.54 | | 1.04 |
| Wilmington, N. C..... | 74 | 4 | | 1.49 | | .69 |
| Columbia, S. C..... | 74 | 6 | | .92 | | .92 |
| Charleston, S. C..... | 76 | 4 | | 1.55 | | .55 |
| Augusta, Ga..... | 74 | 6 | | .93 | | .83 |
| Savannah, Ga..... | 76 | 4 | | 1.43 | | 1.03 |
| Jacksonville, Fla..... | 78 | 4 | | 2.30 | | 1.90 |
| Jupiter, Fla..... | 80 | 0 | | 2.36 | | 1.76 |
| Key West, Fla..... | 82 | 0 | | 1.87 | | 1.77 |
| Gulf States: | | | | | | |
| Atlanta, Ga..... | 72 | 6 | | .89 | | .89 |
| Tampa, Fla..... | 80 | 2 | | 1.41 | | .21 |
| Pensacola, Fla..... | 78 | 2 | | 1.08 | | .88 |
| Mobile, Ala..... | 77 | 3 | | 1.22 | | .42 |
| Montgomery, Ala..... | 75 | 5 | | .68 | | .08 |
| Vicksburg, Miss..... | 75 | 4 | | .85 | | .85 |
| New Orleans, La..... | 78 | 4 | | 1.05 | .45 | |
| Shreveport, La..... | 75 | 5 | | .97 | | .37 |
| Fort Smith, Ark..... | 73 | 3 | | .84 | | .04 |
| Little Rock, Ark..... | 74 | 4 | | .73 | | .43 |
| Palestine, Tex..... | 77 | 1 | | .77 | .03 | |
| Galveston, Tex..... | 79 | 3 | | 1.49 | | 1.09 |
| San Antonio, Tex..... | 77 | 1 | | 1.80 | .10 | |
| Corpus Christi, Tex..... | 79 | 1 | | 1.20 | | 1.10 |
| Ohio Valley and Tennessee: | | | | | | |
| Memphis, Tenn..... | 71 | 7 | | .70 | | .70 |
| Nashville, Tenn..... | 70 | 6 | | 1.00 | | 1.00 |
| Chattanooga, Tenn..... | 71 | 7 | | .91 | | .91 |
| Knoxville, Tenn..... | 69 | 6 | | .63 | .67 | |
| Louisville, Ky..... | 68 | 7 | | .65 | .15 | |
| Indianapolis, Ind..... | 65 | 5 | | .70 | | .40 |
| Cincinnati, Ohio..... | 67 | 7 | | .53 | | .03 |
| Columbus, Ohio..... | 66 | 6 | | .63 | | .13 |
| Parkersburg, W. Va..... | 67 | 6 | | .73 | | .43 |
| Pittsburg, Pa..... | 66 | 6 | | .59 | .21 | |
| Lake Region: | | | | | | |
| Oswego, N. Y..... | 61 | 1 | | .63 | | .53 |
| Rochester, N. Y..... | 61 | 3 | | .49 | | .29 |
| Buffalo, N. Y..... | 61 | 1 | | .77 | | .57 |
| Erie, Pa..... | 63 | 1 | | .93 | | .73 |
| Cleveland, Ohio..... | 63 | 3 | | .84 | | .54 |
| Candusky, Ohio..... | 65 | 3 | | .65 | | .15 |
| Toledo, Ohio..... | 63 | 5 | | .56 | | .36 |
| Detroit, Mich..... | 62 | 4 | | .56 | | .36 |
| Lansing, Mich..... | 61 | 3 | | .77 | | .47 |
| Port Huron, Mich..... | 61 | 3 | | .63 | | .53 |
| Alpena, Mich..... | 56 | 2 | | .91 | | .61 |
| Sault Ste. Marie, Mich..... | 55 | | 1 | 1.12 | | .32 |
| Marquette, Mich..... | 55 | 5 | | .97 | | .27 |

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

Table of temperature and rainfall, week ended September 20, 1897—Continued.

| Locality. | Temperature in degrees Fahrenheit. | | | Rainfall in inches and hundredths. | | |
|----------------------------------|------------------------------------|----------|--------------|------------------------------------|---------|-------------|
| | Normal. | *Excess. | *Deficiency. | Normal. | Excess. | Deficiency. |
| Lake Region—Continued. | | | | | | |
| Green Bay, Wis..... | 60 | 3 | | .74 | .76 | |
| Grand Haven, Mich..... | 60 | 4 | | .84 | | .54 |
| Milwaukee, Wis..... | 60 | 5 | | .70 | | .40 |
| Chicago, Ill..... | 63 | 5 | | .63 | | .03 |
| Duluth, Minn..... | 55 | 1 | | .93 | 1.17 | |
| Upper Mississippi Valley: | | | | | | |
| St. Paul, Minn..... | 59 | 3 | | .70 | | .60 |
| La Crosse, Wis..... | 61 | 1 | | 1.05 | | .15 |
| Dubuque, Iowa..... | 62 | 2 | | 1.06 | .04 | |
| Davenport, Iowa..... | 64 | 4 | | .75 | | .25 |
| Des Moines, Iowa..... | 64 | 2 | | .77 | .43 | |
| Keokuk, Iowa..... | 66 | 4 | | .90 | | .30 |
| Springfield, Ill..... | 67 | 3 | | .77 | | .67 |
| Cairo, Ill..... | 69 | 5 | | .56 | | .26 |
| St. Louis, Mo..... | 69 | 5 | | .70 | | .60 |
| Missouri Valley: | | | | | | |
| Columbia, Mo..... | 68 | 2 | | .95 | | .45 |
| Springfield, Mo..... | 70 | 2 | | 1.02 | | .82 |
| Kansas City, Mo..... | 67 | 3 | | .79 | .41 | |
| Wichita, Kans..... | 72 | | 4 | .63 | .57 | |
| Concordia, Kans..... | 69 | 0 | | .56 | .34 | |
| Lincoln, Nebr..... | 66 | 2 | | .28 | 1.02 | |
| Omaha, Nebr..... | 64 | 2 | | .70 | .50 | |
| Sioux City, Iowa..... | | | | .28 | | .18 |
| Yankton, S. Dak..... | 61 | 3 | | .70 | | .40 |
| Valentine, Nebr..... | 62 | 0 | | .21 | | .01 |
| Huron, S. Dak..... | 60 | 0 | | .31 | | .11 |
| Pierre, S. Dak..... | 64 | 0 | | .21 | | .21 |
| Moorhead, Minn..... | 56 | 0 | | .49 | | .49 |
| Bismarck, N. Dak..... | 56 | 2 | | .28 | | .18 |
| Williston, N. Dak..... | 55 | 3 | | .21 | | .11 |
| Rocky Mountain Region: | | | | | | |
| Havre, Mont..... | 55 | 1 | | .28 | .02 | |
| Helena, Mont..... | 56 | | 2 | .28 | | .18 |
| Miles City, Mont..... | 59 | | 1 | .15 | | .05 |
| Rapid City, S. Dak..... | 62 | | 2 | .07 | | .07 |
| Spokane, Wash..... | 57 | 1 | | .25 | | .25 |
| Wallawalla, Wash..... | 63 | 1 | | .25 | | .25 |
| Baker City, Oreg..... | 55 | 1 | | .19 | | .19 |
| Salt Lake City, Utah..... | 64 | | 2 | .21 | | .21 |
| Lander, Wyo..... | 56 | | 2 | .16 | | .16 |
| Cheyenne, Wyo..... | 56 | 0 | | .21 | .19 | |
| North Platte, Nebr..... | 63 | 0 | | .28 | | .08 |
| Denver, Colo..... | 62 | | 2 | .14 | .26 | |
| Pueblo, Colo..... | 66 | | 4 | .07 | .63 | |
| Dodge City, Kans..... | 68 | 0 | | .28 | | .08 |
| Oklahoma, Okla..... | 71 | | 1 | .65 | .45 | |
| Amarillo, Tex..... | 70 | | 5 | .48 | .02 | |
| Abilene, Tex..... | 77 | | 5 | .56 | 1.64 | |
| Santa Fe, N. Mex..... | 61 | | 1 | .35 | .25 | |
| El Paso, Tex..... | 74 | | 4 | .28 | 1.42 | |
| Phoenix, Ariz..... | 81 | 1 | | .14 | | .04 |
| Pacific Coast: | | | | | | |
| Fort Canby, Wash..... | 56 | 4 | | .91 | | .91 |
| Portland, Oreg..... | 61 | 3 | | | | |
| Roseburg, Oreg..... | 60 | 2 | | .24 | | .24 |
| Eureka, Cal..... | 54 | 4 | | .31 | | .21 |
| Redbluff, Cal..... | 73 | 5 | | .18 | | .18 |
| Carson City, Nev..... | 60 | 0 | | .07 | | .07 |
| Sacramento, Cal..... | 69 | 5 | | .07 | | .07 |
| San Francisco, Cal..... | 60 | 2 | | .07 | | .07 |
| Fresno, Cal..... | 72 | 4 | | .07 | | .07 |
| Los Angeles, Cal..... | 68 | 2 | | .00 | | .00 |
| San Diego, Cal..... | 67 | 1 | | .02 | | .02 |
| Yuma, Ariz..... | 84 | 0 | | .00 | .10 | |

* 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, and plague as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 29, 1896, to September 24, 1897.

CHOLERA.

| Places. | Date. | Cases. | Deaths. | Remarks. |
|----------------------|----------------------|--------|---------|---------------------------------------|
| India : | | | | |
| Bombay | Dec. 8-Dec. 15..... | | 1 | |
| | Dec. 22-Dec. 29..... | | 1 | |
| | Mar. 23-Mar. 30..... | | 1 | |
| | Mar. 31-June 29..... | | 68 | |
| | July 1-Aug. 3..... | | 386 | |
| | Aug. 4-Aug. 24..... | | 433 | |
| Calcutta..... | Nov. 14-Jan. 30..... | | 267 | |
| | Jan. 31-Feb. 27..... | | 311 | |
| | Feb. 28-Mar. 6..... | | 125 | |
| | Mar. 6-May 29..... | 1,310 | 176 | |
| | May 30-June 26..... | | 118 | |
| | June 27-July 31..... | | 13 | |
| | Aug. 1-Aug. 14..... | | 2 | |
| Madras..... | Nov. 21-Nov. 27..... | | 1 | |
| | Nov. 28-Dec. 4..... | | 6 | |
| | Dec. 12-Dec. 25..... | | 22 | |
| | Dec. 26-Jan. 29..... | | 13 | |
| | Jan. 30-Feb. 26..... | | 2 | |
| | Feb. 27-Mar. 5..... | | 1 | |
| | Mar. 6-Mar. 19..... | | 2 | |
| | Mar. 20-Mar. 26..... | | 4 | |
| | May 29-June 25..... | | 12 | |
| | June 26-July 30..... | | 12 | |
| Singapore..... | Nov. 1-Nov. 30..... | | 5 | |
| | Dec. 1-Dec. 31..... | | 1 | |
| | June 1-June 30..... | | | |
| Ceylon : | | | | |
| Colombo | Nov. 28-Jan. 23..... | | 114 | |
| | Jan. 23-Jan. 30..... | 1 | 1 | |
| | July 3-July 17..... | 4 | 4 | |
| England : | | | | |
| Plymouth..... | Jan. 9..... | | 4 | On steamship Nubia. No cases in city. |
| Japan : | | | | |
| Chiba Ken | July 20-Aug. 3..... | 4 | 3 | |
| Fukuoka Ken..... | June 28-Aug. 3..... | 6 | 4 | |
| Hioغو Ken..... | June 28-July 6..... | 1 | 1 | |
| Kanagawa Ken..... | July 7-Aug. 3..... | 13 | 9 | |
| Kioto Fu..... | July 16-Aug. 3..... | 2 | 1 | |
| Okinawa..... | July 30-Aug. 3..... | 1 | 1 | |
| Osaka..... | May 1-July 6..... | 13 | 2 | |
| Osaka and Hioغو..... | July 16-July 25..... | 2 | 2 | |
| | Aug. 1-Aug. 21..... | 2 | 7 | |
| Oyama Ken..... | June 28-July 6..... | 1 | | |
| Saitama..... | July 16-July 25..... | 1 | 1 | |
| Shiga Ken..... | July 20-Aug. 3..... | 1 | 1 | |
| Tochigi Ken..... | July 20-Aug. 3..... | 1 | 1 | |
| Tokyo | Dec. 4-Dec. 29..... | 8 | 7 | |
| | Dec. 30-Jan. 18..... | 3 | 3 | |
| | June 28-Aug. 3..... | 28 | 10 | |
| Yamanashi Ken..... | July 7-July 15..... | 1 | | |
| Yamaguchi Ken..... | July 20-Aug. 3..... | 1 | 1 | |
| Yokohama..... | Dec. 4-Dec. 29..... | 4 | 3 | |
| | Dec. 30-Jan. 18..... | 2 | 2 | |

YELLOW FEVER.

| | | | | |
|-----------------|----------------------|---|----|--|
| Brazil : | | | | |
| Bahia | May 13-May 19..... | 5 | 3 | |
| Para..... | Dec. 12-Jan. 30..... | | 32 | |
| | Jan. 31-Feb. 27..... | | 20 | |
| | Feb. 27-Mar. 6..... | | 9 | |
| | Mar. 13-Mar. 20..... | | 3 | |
| | Apr. 3-Apr. 10..... | | 3 | |
| | May 30-June 5..... | | 4 | |

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

YELLOW FEVER—Continued.

| Places. | Date. | Cases. | Deaths. | Remarks. |
|--------------------------|-----------------------|--------|---------|---------------------------------|
| Brazil—Continued. | | | | |
| Para..... | June 20-July 3..... | | 7 | |
| | July 4-July 31..... | | 11 | |
| | Aug. 1-Aug. 28..... | | 16 | |
| Rio de Janeiro..... | Nov. 21-Dec. 26..... | | 10 | |
| | Dec. 26-Jan. 30..... | | 28 | |
| | Jan. 31-Feb. 6..... | 12 | 5 | |
| | Feb. 13-Feb. 20..... | 21 | 6 | |
| | Feb. 20-Mar. 6..... | | 16 | |
| | Mar. 7-May 29..... | 174 | 78 | |
| | May 30-July 3..... | 10 | 7 | |
| | July 4-July 31..... | 3 | 2 | |
| | Aug. 8-Aug. 14..... | | 1 | |
| Santos..... | Aug. 1-Aug. 7..... | 1 | | |
| Cuba: * | | | | |
| Cardenas..... | Dec. 25-Jan. 30..... | 84 | 8 | |
| | Jan. 31-Feb. 27..... | | 1 | |
| | Apr. 17-June 26..... | 46 | 9 | |
| | June 27-July 31..... | 7 | 3 | |
| | Aug. 1-Aug. 28..... | | 11 | |
| | Sept. 5-Sept. 11..... | | 1 | |
| Cienfuegos..... | Dec. 20-Dec. 27..... | | 8 | |
| | Dec. 28-Jan. 17..... | | 2 | |
| | Apr. 4-Apr. 11..... | | 1 | |
| | May 17-May 23..... | | 1 | |
| | June 20-July 25..... | | 30 | |
| | July 26-Aug. 1..... | | 16 | |
| | Aug. 2-Aug. 29..... | | 33 | |
| | Aug. 30-Sept. 12..... | | 14 | |
| Habana..... | Dec. 17-Dec. 31..... | 220 | 79 | |
| | Jan. 1-Jan. 28..... | 400 | 144 | |
| | Jan. 28-Feb. 25..... | 117 | 44 | |
| | Feb. 25-Mar. 25..... | 130 | 38 | |
| | Mar. 25-Apr. 29..... | 342 | 85 | |
| | Apr. 30-July 1..... | 750 | 279 | |
| | July 2-July 29..... | | 192 | |
| | July 3-Aug. 5..... | | 28 | |
| | Aug. 6-Sept. 2..... | | 108 | |
| | Sept. 3-Sept. 16..... | | 26 | |
| Manzanillo..... | Apr. 1-Apr. 15..... | | 1 | |
| | May 15-May 31..... | | 1 | |
| | June 1-June 15..... | | 1 | |
| | July 2-July 31..... | | 6 | |
| | Aug. 1-Aug. 31..... | | 7 | |
| Matanzas..... | Dec. 9-Dec. 23..... | | 8 | |
| | Dec. 23-Jan. 27..... | | 19 | |
| | Jan. 27-Feb. 24..... | | 4 | |
| | Feb. 25-Mar. 31..... | | 2 | |
| | Apr. 1-June 30..... | 9 | 24 | |
| | July 1-July 28..... | | 17 | |
| | July 29-Aug. 4..... | | 4 | |
| | Aug. 5-Sept. 15..... | | 35 | |
| Santiago..... | Dec. 5-Dec. 26..... | | 17 | |
| | Dec. 26-Jan. 30..... | | 16 | |
| | Jan. 16-Jan. 31..... | | 5 | |
| | Jan. 30-Feb. 27..... | | 5 | |
| | Feb. 27-Mar. 27..... | | 3 | |
| | May 2-July 3..... | 54 | 64 | 140 cases in military hospital. |
| | July 4-July 31..... | | 82 | |
| | Aug. 1-Aug. 28..... | | 56 | |
| | Aug. 29-Sept. 11..... | | 37 | |
| Sagua la Grande..... | Dec. 19-Dec. 26..... | 50 | 5 | |
| | Dec. 26-Jan. 9..... | 65 | 6 | |
| | Jan. 9-Jan. 30..... | 110 | 12 | |
| | Jan. 31-Feb. 27..... | 35 | 7 | |
| | Feb. 27-Mar. 27..... | 54 | 17 | |
| | Mar. 28-June 26..... | 304 | | Number of deaths not given. |
| | June 27-July 31..... | 185 | 9 | |
| | Aug. 1-Aug. 28..... | 130 | 11 | |
| | Aug. 29-Sept. 11..... | 95 | 9 | |
| Ecuador: | | | | |
| Guayaquil..... | Dec. 18-Jan. 10..... | | 9 | |
| Haiti: | | | | |
| Port au Prince..... | Dec. 1-Dec. 7..... | | 2 | |
| | Dec. 14..... | | | Yellow fever epidemic. |
| | Mar. 1-Mar. 8..... | | 3 | |
| Guadeloupe: | | | | |
| Basse Terre..... | Jan. 5..... | 1 | | |

* February 28, 1897, 300 cases of yellow fever were reported among the sick soldiers on the Island.

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

YELLOW FEVER—Continued.

| Places. | Date. | Cases. | Deaths. | Remarks. |
|-----------------------------------|---------------------|--------|---------|---|
| Jamaica: | | | | |
| Kingston..... | July 17-July 31... | 2 | 1 | |
| | Aug. 1-Aug. 19... | 3 | 1 | |
| | Aug. 22-Aug. 28... | 1 | 1 | |
| | Aug. 29-Sept. 4... | 1 | 1 | |
| Mexico: | | | | |
| Vera Cruz..... | June 28..... | | | Yellow fever reported. |
| | June 25-July 1..... | | 2 | |
| | June 29..... | | 2 | |
| Peru: | | | | |
| Callao..... | June 10-June 17... | | 2 | In harbor on steamship <i>Santiago</i> from Panama. |
| United States of Colombia: | | | | |
| Bocas del Toro..... | Aug. 22..... | | | 1 case yellow fever. |
| Panama..... | Apr. 14..... | 20 | 17 | |
| | June 25..... | 91 | 62 | Estimated. |
| Panama..... | June 22-July 3..... | 12 | 7 | |
| | July 4-Aug. 3..... | 33 | 15 | |
| | Aug. 4-Aug. 13..... | 4 | 2 | |
| Colon..... | May 12-May 25..... | | 5 | |
| | Aug. 4-Aug. 14..... | | 1 | |

PLAGUE.

| | | | | |
|----------------|----------------------|----|-------|---|
| Arabia: | | | | |
| Jeddah..... | June 10..... | 16 | 23 | |
| Egypt: | | | | |
| Suez..... | Mar. 31..... | | | One case of plague on Br. ss. <i>Dilwara</i> from Bombay. |
| India: | | | | |
| Bombay*..... | Dec. 1-Dec. 22..... | | 694 | This is the number of deaths officially reported. The United States consul estimates the number of deaths for the same period at 2,763. |
| | Dec. 22-Jan. 5..... | | 738 | Estimated deaths for this same period, 2,953. |
| | Jan. 5-Jan. 12..... | | 335 | Estimated deaths for this same period, 1,388. |
| | Jan. 12-Jan. 19..... | | 470 | |
| | Jan. 19-Jan. 26..... | | 443 | Estimated deaths for this same period, 1,462. |
| | Jan. 26-Feb. 23..... | | 2,884 | Estimated deaths for this same period, 5,845. |
| | Feb. 23-Mar. 9..... | | 1,282 | Estimated deaths for this same period, 2,265. |
| | Mar. 9-Mar. 30..... | | 1,431 | Estimated deaths for this same period, 2,730. |
| | Mar. 31-June 1..... | | 1,681 | Estimated deaths from March 31 to April 20, 2,892. |
| | June 2-June 29..... | | 90 | |
| | July 1-Aug. 3..... | | 52 | |
| | Aug. 4-Aug. 24..... | | 40 | |
| Calcutta..... | Feb. 6-Feb. 13..... | | 1 | |
| Karachi..... | Jan. 11..... | | | Plague epidemic; 220 cases, 214 deaths to date. |
| China: | | | | |
| Amy..... | June 30..... | | | Plague epidemic reported. |
| Hongkong..... | Dec. 13-Dec. 29..... | | | A few cases. |
| | May 21-May 29..... | 4 | 2 | |
| | June 6-June 12..... | | 1 | |
| | June 26-July 17..... | | 3 | |
| Macao..... | Apr. 1-May 31..... | | 154 | |
| | June 1-June 3..... | 43 | | |
| | June 1..... | | | Plague epidemic reported. |
| Swato..... | May 4..... | | | Epidemic of plague reported. |
| Japan: | | | | |
| Formosa..... | Nov. 6-Nov. 30..... | 53 | 37 | |
| | Dec. 4-Dec. 29..... | | 15 | |
| | Jan. 19-Jan. 27..... | 3 | | |
| | Feb. 23-Mar. 12..... | 3 | | |
| | Mar. 13-Mar. 23..... | 4 | | |
| | Mar. 24-Mar. 31..... | 3 | | |
| | Apr. 1-Apr. 20..... | 64 | 54 | |

* Official returns show 9,118 cases and 7,602 deaths to March 12.

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

PLAGUE—Continued.

| Places. | Date. | Cases. | Deaths. | Remarks. |
|-------------------------|--------------------|--------|---------|--|
| <i>Japan—Continued.</i> | | | | |
| Formosa | Apr. 20-May 20... | 268 | ..... |  |
| | May 31-June 27... | 144 | ..... |  |
| | June 28-July 25... | 25 | ..... |  |
| Kanagawa Ken | July 7-Aug. 3... | 3 | 2 | |
| Nagasaki Ken | June 9-June 27... | 3 | 3 | |
| Taihoku | Apr. 20-Apr. 27... | 3 | ..... |  |
| <i>Russia:</i> | | | | |
| St. Petersburg | Apr. 10-Apr. 17... | ..... | 1 | |
| Theodosia | Mar. 31 ..... | ..... | ..... | One case of plague on Br. ss. Baldwin. |

BRAZIL.

*Smallpox in Bahia.*BAHIA, BRAZIL, *July 29, 1897.*

SIR: I have to report that smallpox has become epidemic in this city. The officials say they do not know the exact number of cases and deaths, but from reliable sources I am informed that there are between 250 and 300 cases in the city, with 20 to 30 deaths per day. Yesterday there were 134 cases in the hospital and 14 deaths. Yellow fever is sporadic; 2 cases and 1 death last two weeks.

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

R. P. McDANIEL,
United States Consul.

HON. SECRETARY OF THE TREASURY,
Washington, D. C.

*Sanitary report from Rio.*RIO DE JANEIRO, *August 23, 1897.*

SIR: I have the honor to transmit report for the week ended August 21, 1897:

There were 9 deaths from *accessio pernicioso*, an increase of 4; 2 from *beriberi* and 2 from enteric fever, the same as in the foregoing week; 1 from measles and 1 from leprosy, none in the foregoing week; 41 from tuberculosis, a decrease of 4; and 283 from all causes, an increase of 13.

The health of the city and port continues good.

Since last report the following-named ships have been inspected or received bills of health from this office: August 16, ship *Pythomene*, British, for New York, and ship *Hallenwood*, British, for New York. August 17, steamship *Polana*, British, for Baltimore, Md. August 18, steamship *Rose Castle*, British, for Ship Island, Miss., and steamship *Cabral*, British, for St. Lucia, West Indies. August 19, bark *Port Sonachan*, British, for Sandy Hook, N. Y., and bark *Thora*, Norwegian, for New York. August 20, ship *Blair Gowrie*, British, for Ship Island, Miss., and steamship *Trojan Prince*, British, Rosario, for New York. August 21, steamship *Coleridge*, British, for New York. * * *

Respectfully, yours,

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

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

CANADA.

Smallpox in Montreal.

MONTREAL, September 20, 1897.

The present status of smallpox in this Province is as follows:

| Municipality. | Date of outbreak. | New cases since last report. | Total cases since outbreak. | Died. | Still sick. | Houses infected since outbreak. | Houses still infected. |
|---|-------------------|------------------------------|-----------------------------|-------|-------------|---------------------------------|------------------------|
| Montreal City <i>a</i> | July 2 | 0 | <i>b</i> 16 | 8 | <i>c</i> 7 | 11 | <i>d</i> 0 |
| Westmount (Hochelaga Co.) <i>e</i> | July 26 | 0 | 5 | 1 | <i>f</i> 4 | 2 | <i>d</i> 0 |
| Ste. Cunégonde (Hochelago Co.) <i>g</i> | Aug. 27 | 0 | 1 | ..... | <i>h</i> 1 | 1 | <i>d</i> 0 |

a Population, 240,000.*b* Recovered, 1.*c* Date of last report, September 10.*d* Except the isolation hospital.*e* Population, 6,000.*f* Of whom 5 are in the desquamation period.*g* Population, 8,000.*h* All desquamating.

Yours, respectfully,

ELZÉAR PELLETIER,

Secretary Board of Health of the Province of Quebec.

CUBA.

Smallpox and yellow fever in Cuban seaports.

September 14: The United States consul at Cardenas reports that during the week ended September 11 there were in that city 1 death from yellow fever and no deaths from smallpox.

September 13: The United States consul at Cienfuegos reports that during the week ended September 12 there were in that city 8 deaths from yellow fever and no deaths from smallpox.

September 18: The United States sanitary inspector at Habana reports that during the week ended September 16 there were in that city 11 deaths from yellow fever and no deaths from smallpox.

September 6: The United States consular agent at Manzanillo reports that during the two weeks ended August 31 there were in that city 2 deaths from yellow fever.

September 17: The United States consul at Matanzas reports that during the week ended September 15 there were in that city 2 deaths from yellow fever.

September 11: The United States consul at Santiago de Cuba reports that during the week ended September 11 there were in that city 14 deaths from yellow fever.

September 13: The United States consul at Sagua la Grande reports that during the week ended September 11 there were in that city 50 cases and 3 deaths from yellow fever, and 20 cases and 2 deaths from smallpox.

Sanitary report from Habana.

HABANA, CUBA, September 18, 1897.

SIR: The following report for the week ended Thursday, September 16, is respectfully submitted:

The report is accompanied by a table of comparative statistics of the mortality of the city of Habana for the past six weeks.

Assistant Sanitary Inspector D. E. Dudley arrived here on the morning of Saturday, September 11, and immediately began the discharge of his duties. * * *

Yellow fever.—But 11 deaths from yellow fever were recorded during the past week; 8 of this number occurred in the different military hospitals, while the other 3 occurred in the city proper.

A glance at the table of statistics will show that the deaths from yellow fever are decreasing according to the figures therein, and as such a thing is most improbable, I have endeavored to find the cause of the apparent decrease. In my last weekly report I stated that formerly Spanish soldiers were brought to this city when suffering from the different diseases incident to army life and would develop yellow fever after being in the military hospital a few days.

To prevent these soldiers from being attacked by yellow fever many of the soldiers when sick are treated at hospitals that have been inaugurated in small towns.

There are two such hospitals at Mariel and Guanajay, in the province of Pinar del Rio, which is just west of the province of Habana. There is also within the province of Habana, but well removed from the city, a new hospital at a place called Santiago de las Vegas. This accounts in a great measure for the decrease in the number of cases of yellow fever. The deaths from pernicious fever should also be counted as yellow fever.

Smallpox has decreased rapidly, and there are but a few cases of the disease. The public vaccination depots are still open, and it is evident that these places, where persons are vaccinated without charge, have accomplished some good in preventing a further spread of the disease.

Intestinal diseases are prevailing to an alarming extent, augmenting the already heavy death rate, and unless certain food products, now altogether beyond the reach of the masses, are allowed to come here it would seem that nothing will prevent hundreds of deaths from bad and insufficient food.

Not only are the poor unable to get fresh meats, but the restaurants are unable to furnish them to their patrons who are able to pay even the highest prices, and there seems to be no intention of the authorities here to relieve the situation.

During the week I made two inspection tours of the Chinese quarters to ascertain the number of cases of beriberi; the result was but 3 cases, and so far as I could judge, the disease was not spreading.

There are about 7,000 Chinese here, most of them being of the lowest caste, and these people, many of whom have been compelled to come in from the plantations, are unable to obtain sufficient food, and they present a condition that is pitiable.

The sanitary condition of the city is at its worst. There is absolutely no effort made to perform any sanitary work, there being evidently no money available for such work. Therefore, with the people unable to secure proper and sufficient food, and living surrounded by the worst sanitary conditions, the city of Habana is ripe for all epidemic diseases, and the existing conditions are getting worse every day.

Very respectfully,

W. F. BRUNNER,

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

The SUPERVISING SURGEON-GENERAL,

U. S. Marine-Hospital Service.

Comparative statistics of the mortality of the city of Habana for the weeks ended August 12, August 19, August 26, September 2, September 9, and September 16, 1897.

| Disease. | Week ended— | | | | | |
|-----------------------------|-------------|----------|----------|----------|----------|-----------|
| | Aug. 12. | Aug. 19. | Aug. 26. | Sept. 2. | Sept. 9. | Sept. 16. |
| Yellow fever..... | 23 | 27 | 31 | 27 | 15 | 11 |
| Enteric fever..... | 20 | 22 | 24 | 16 | 12 | 16 |
| Pernicious fever. | 13 | 8 | 17 | 13 | 12 | 11 |
| Paludal fever..... | 7 | 7 | 6 | 6 | 3 | 7 |
| Dysentery..... | 39 | 24 | 34 | 22 | 34 | 31 |
| Enteritis..... | 36 | 32 | 30 | 36 | 55 | 48 |
| Smallpox..... | 0 | 0 | 1 | 2 | 0 | 0 |
| Glanders..... | 1 | 0 | 0 | 2 | 0 | 0 |
| Diphtheria..... | 1 | 0 | 1 | 0 | 0 | 0 |
| Pneumonia..... | 14 | 11 | 7 | 4 | 2 | 5 |
| Tuberculosis..... | 31 | 46 | 37 | 43 | 41 | 45 |
| From all causes..... | 317 | 342 | 332 | 302 | 326 | 336 |
| Annual ratio per 1,000..... | 82.12 | 88.90 | 87.88 | 78.52 | 84.76 | 87.94 |

Sanitary report from Santiago.

SANTIAGO DE CUBA, September 11, 1897.

SIR: The sanitary condition of Santiago de Cuba has improved during the week ending to-day. Sixty-three deaths have been reported, of which 14 were from yellow fever, 5 from tuberculosis, 7 from pernicious, and 5 from remittent fevers, 2 from typhoid, 2 from dysentery, 2 from enteritis; the rest common diseases of noncontagious character.

Malarial fevers are exceedingly frequent at present; about one-third of the population suffering more or less from attacks of intermittent fevers. Yellow fever, as usual, is confined to the soldiers at the hospital. Anemia reigns to a considerable degree from want of proper nourishment.

Respectfully,

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

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

JAPAN.

Report of Japanese home department on infectious disease in 1896.

YOKOHAMA, August 23, 1897.

SIR: I have the honor to forward herewith a translation of a part of the statistical portion of the report of the Japanese home department upon infectious disease during 1896, as yet unpublished.

It will be seen that the numbers of cases of cholera, dysentery, and smallpox, given in the present return, greatly exceed the corresponding figures of my preliminary note, forwarded February 15. I will not attempt to account for the discrepancy, but simply state that the statistics of that note were compiled from my regular reports by each mail, and that these latter are derived from the Official Gazette, published daily, and supposed to be a correct record of all official reports and transactions.

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 for year 1896.

| Locality. | Cholera. | | Typhoid fever. | | Dysentery. | |
|--------------------|----------|---------|----------------|---------|------------|---------|
| | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| Kioto Fu..... | 41 | 29 | 928 | 261 | 1,098 | 334 |
| Osaka Fu..... | 129 | 59 | 667 | 175 | 1,275 | 437 |
| Tokyo Fu..... | 318 | 234 | 2,936 | 778 | 1,363 | 405 |
| Aichi Ken..... | 13 | 9 | 1,258 | 285 | 3,406 | 925 |
| Akita Ken..... | 9 | 5 | 864 | 196 | 1,853 | 386 |
| Awomori Ken..... | 3 | 2 | 1,710 | 270 | 1,112 | 201 |
| Chiba Ken..... | 76 | 57 | 1,172 | 275 | 1,109 | 288 |
| Fukui Ken..... | 7 | 6 | 130 | 46 | 835 | 283 |
| Fukuoka Ken..... | 107 | 56 | 1,145 | 261 | 1,440 | 313 |
| Fukushima Ken..... | 21 | 11 | 1,062 | 123 | 1,433 | 501 |
| Gifu Ken..... | 2 | 1 | 1,924 | 366 | 5,511 | 1,467 |
| Gumma Ken..... | 5 | 3 | 1,094 | 221 | 9,909 | 2,094 |
| Hioho Ken..... | 54 | 32 | 1,846 | 487 | 2,208 | 553 |
| Hiroshima Ken..... | 48 | 23 | 731 | 199 | 3,647 | 1,176 |
| Ibaraki Ken..... | 11 | 10 | 768 | 152 | 167 | 62 |
| Ishikawa Ken..... | 4 | 3 | 314 | 80 | 1,261 | 392 |
| Iwate Ken..... | 1 | 1 | 1,771 | 362 | 1,182 | 290 |
| Kagawa Ken..... | 52 | 22 | 2,375 | 318 | 3,200 | 1,010 |
| Kagoshima Ken..... | 12 | 6 | 29 | 8 | 1,898 | 468 |
| Kanagawa Ken..... | 57 | 48 | 941 | 197 | 1,404 | 277 |
| Kochi Ken..... | 29 | 18 | 196 | 51 | 1,568 | 320 |
| Kumamoto Ken..... | 24 | 11 | 448 | 109 | 1,426 | 258 |
| Miyagi Ken..... | 5 | 4 | 1,408 | 291 | 1,458 | 428 |
| Miyazaki Ken..... | 3 | 2 | 78 | 17 | 729 | 142 |
| Miye Ken..... | 1 | 1 | 642 | 168 | 1,975 | 579 |
| Nagano Ken..... | 4 | 2 | 1,601 | 343 | 5,433 | 1,116 |
| Nagasaki Ken..... | 7 | 5 | 263 | 59 | 354 | 95 |
| Nara Ken..... | 26 | 15 | 220 | 66 | 461 | 134 |
| Niigata Ken..... | 40 | 28 | 2,013 | 500 | 3,767 | 747 |
| Oita Ken..... | 32 | 16 | 210 | 56 | 720 | 185 |
| Okayama Ken..... | 80 | 48 | 589 | 168 | 2,412 | 753 |
| Okinawa Ken..... | 2 | 1 | 20 | 7 | 31 | 9 |
| Saga Ken..... | 8 | 7 | 58 | 17 | 116 | 34 |
| Saitama Ken..... | 16 | 8 | 1,232 | 270 | 2,787 | 815 |
| Shidzuoka Ken..... | 28 | 18 | 1,000 | 221 | 2,489 | 760 |
| Shiga Ken..... | 1 | 1 | 654 | 158 | 1,537 | 432 |
| Shimane Ken..... | 16 | 10 | 601 | 153 | 4,998 | 1,445 |
| Tochigi Ken..... | 18 | 10 | 1,170 | 219 | 699 | 188 |
| Tokushima Ken..... | 21 | 11 | 1,062 | 123 | 1,433 | 501 |
| Tottori Ken..... | 5 | 4 | 105 | 25 | 644 | 154 |
| Toyama Ken..... | 10 | 8 | 301 | 78 | 342 | 120 |
| Wakayama Ken..... | 51 | 22 | 260 | 65 | 1,092 | 285 |
| Yamagata Ken..... | 10 | 5 | 1,588 | 320 | 564 | 147 |
| Yamaguchi Ken..... | 32 | 15 | 257 | 73 | 1,776 | 513 |
| Yamanashi Ken..... | 16 | 7 | 626 | 94 | 773 | 209 |
| Yehime Ken..... | 33 | 19 | 780 | 147 | 2,152 | 575 |
| The Hokkaido..... | 10 | 5 | 765 | 138 | 218 | 40 |
| Total..... | 1,481 | 908 | 42,505 | 9,174 | 85,876 | 22,356 |

Report of infectious disease in Japan for year 1896—Continued.

| Locality. | Diphtheria. | | Typhus. | | Smallpox. | |
|--------------------|-------------|---------|---------|---------|-----------|---------|
| | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| Kioto Fu..... | 208 | 69 | 1 | 1 | 1,866 | 46 |
| Osaka Fu..... | 375 | 129 | 4 | 2 | 1,150 | 331 |
| Tokyo Fu..... | 1,151 | 270 | 5 | 2 | 2,503 | 720 |
| Aichi Ken..... | 413 | 168 | 1 | 0 | 6 | 0 |
| Akita Ken..... | 314 | 153 | 0 | 0 | 1 | 0 |
| Awomori Ken..... | 178 | 83 | 0 | 0 | 43 | 7 |
| Chiba Ken..... | 91 | 53 | 4 | 0 | 182 | 33 |
| Fukui Ken..... | 32 | 18 | 0 | 0 | 39 | 9 |
| Fukuoka Ken..... | 218 | 96 | 1 | 1 | 459 | 114 |
| Fukushima Ken..... | 34 | 11 | 2 | 0 | 278 | 74 |
| Gifu Ken..... | 162 | 48 | 1 | 1 | 6 | 0 |
| Gumma Ken..... | 185 | 59 | 0 | 0 | 33 | 4 |
| Hioogo Ken..... | 336 | 143 | 40 | 8 | 2,360 | 1,172 |
| Hiroshima Ken..... | 36 | 26 | 4 | 4 | 37 | 81 |
| Ibaraki Ken..... | 47 | 21 | 3 | 0 | 222 | 38 |
| Ishikawa Ken..... | 31 | 15 | 0 | 0 | 23 | 1 |
| Iwate Ken..... | 366 | 115 | 0 | 0 | 27 | 5 |
| Kagawa Ken..... | 93 | 62 | 0 | 0 | 33 | 9 |
| Kagoshima Ken..... | 33 | 22 | 0 | 0 | 83 | 33 |
| Kanagawa Ken..... | 289 | 125 | 1 | 0 | 133 | 18 |
| Kochi Ken..... | 103 | 41 | 0 | 0 | 57 | 8 |
| Kumamoto Ken..... | 46 | 27 | 0 | 0 | 22 | 3 |
| Miyagi Ken..... | 182 | 53 | 0 | 0 | 766 | 227 |
| Miyazaki Ken..... | 20 | 12 | 1 | 1 | 1 | 0 |
| Miye Ken..... | 377 | 115 | 0 | 0 | 30 | 7 |
| Nagano Ken..... | 245 | 109 | 9 | 0 | 23 | 2 |
| Nagasaki Ken..... | 108 | 46 | 0 | 0 | 3 | 6 |
| Nara Ken..... | 65 | 33 | 0 | 0 | 52 | 6 |
| Niigata Ken..... | 195 | 104 | 1 | 1 | 47 | 6 |
| Oita Ken..... | 48 | 20 | 0 | 0 | 43 | 4 |
| Okayama Ken..... | 78 | 35 | 0 | 0 | 120 | 37 |
| Okinawa Ken..... | 0 | 0 | 0 | 0 | 426 | 177 |
| Saga Ken..... | 54 | 15 | 0 | 0 | 47 | 4 |
| Saitama Ken..... | 71 | 37 | 2 | 1 | 242 | 51 |
| Shidzuoka Ken..... | 794 | 282 | 1 | 1 | 61 | 13 |
| Shiga Ken..... | 129 | 40 | 2 | 2 | 39 | 14 |
| Shimane Ken..... | 117 | 50 | 0 | 0 | 4 | 1 |
| Tochigi Ken..... | 120 | 40 | 0 | 0 | 32 | 8 |
| Tokushima Ken..... | 34 | 11 | 2 | 0 | 278 | 74 |
| Tottori Ken..... | 43 | 27 | 0 | 0 | 9 | 1 |
| Toyama Ken..... | 73 | 28 | 3 | 2 | 4 | 0 |
| Wakayama Ken..... | 73 | 22 | 0 | 0 | 133 | 25 |
| Yamagata Ken..... | 207 | 86 | 1 | 1 | 17 | 2 |
| Yamaguchi Ken..... | 47 | 22 | 0 | 0 | 103 | 21 |
| Yamanashi Ken..... | 194 | 102 | 3 | 0 | 49 | 6 |
| Yehime Ken..... | 150 | 75 | 2 | 0 | 54 | 11 |
| The Hokkaido..... | 231 | 108 | 0 | 0 | 125 | 38 |
| Totals..... | 8,586 | 3,284 | 92 | 28 | 10,704 | 3,388 |

ITALY.

Public health in the large Italian cities.

[Clipped from the "Corriere di Catania," and translated by Louis H. Brühl, United States consul at Catania, Sicily, Italy.]

CATANIA, August 16, 1897.

The board of directors-general has published the sanitary statistics of 1895-96. Taking up the first of the memoranda, we resume to-day the hygienic condition of the larger Italian cities.

The ordinary chief towns of provinces are generally important centers of population, in which the annual increase is caused more by excess of the immigration over emigration than by that from births over deaths. This admitted, let us see what has been the mortality in the cities which count more than 100,000 inhabitants :

| Cities. | Population. | Deaths. | Per 1,000 inhabitants. |
|---------------|-------------|---------|------------------------|
| Naples..... | 526,994 | 15,912 | 30.1 |
| Rome..... | 467,793 | 9,562 | 20.4 |
| Milan..... | 448,698 | 10,862 | 24.2 |
| Turin..... | 346,566 | 7,154 | 20.6 |
| Palermo..... | 281,619 | 7,069 | 25.1 |
| Genoa..... | 222,121 | 5,115 | 23.0 |
| Florence..... | 205,385 | 4,549 | 22.1 |
| Venice..... | 155,395 | 3,913 | 25.1 |
| Bologna..... | 149,214 | 3,554 | 23.8 |
| Messina..... | 148,851 | 3,083 | 20.7 |
| Catania..... | 124,204 | 3,446 | 27.7 |
| Leghorn..... | 104,470 | 2,357 | 22.2 |

From this prospect it follows that Rome, among the large Italian cities, presents the least mortality of all.

Turning now to the causes of mortality, we have, that among the large cities particularly struck by smallpox epidemic during the years 1895-96 stand first, Bari and Naples.

A large mortality from measles in 1895, Catania, Bari, Palermo, Leghorn, Modena, Rome, and in 1896, Venice and Turin.

Scarlet fever predominated in 1895 in Bari, and in 1896 in Catania.

Typhoid contagion was serious in 1895 in Bari, Brescia, Pisa, Catania, Lucca, Palermo, Milan, and Verona, and in 1896 in Bari, Pisa, Palermo, Livorno (Leghorn), and Lucca.

Diphtheria raged during both years in Milan and Palermo.

Whooping cough predominated in 1895 in Ferrara, Lucca, and Verona, and in 1896 in Padua.

Malarial fevers during both years in Rome, Catania, and Bari.

Acute pneumonia was severest in 1895 in Genoa, Naples, Turin, Modena, and Milan, and in 1896 in Naples, Genoa, Bologna, and Brescia.

Tubercular diseases predominated in 1895, particularly in Padua, Brescia, Bologna, Pisa, Milan, Verona, Rome, Venice, Leghorn, Naples, and Florence, and in 1896 in Padua, Pisa, Venice, Bologna, Genoa, Leghorn, Brescia, and Rome.

Pellagra (a serious skin disease, peculiar to Northern Italy) during both years in Brescia, Padua, and Verona.

Diseases of the heart, in 1896 in Naples, Florence, Brescia, Verona, and Lucca.

Apoplexy and congestions of the brain, in Brescia, Verona, Florence, Venice, and Ferrara.

Alcoholism, acute and chronic, Brescia, Alessandria, and Padua.

Suicides occurred most frequently in 1895 at Genoa, Florence, Milan, Turin, Verona, and Modena, and in 1896 in Bologna, Milan, Rome, Turin, and Padua.

STATISTICAL REPORTS.

AUSTRALIA—*Brisbane*.—Month of June, 1897. Estimated population, 95,491. Total deaths, 75, including diphtheria, 1; enteric fever, 4, and whooping cough, 1.

New South Wales—Newcastle.—Month of May, 1897. Estimated population, 15,331. Total deaths, 20.

Month of June. Total deaths, 13.

Month of July. Total deaths, 19.

Sydney.—Month of July, 1897. Population, 410,000. Total deaths, 247, including diphtheria, 3; enteric fever, 2; scarlet fever, 5; leprosy, 1, and phthisis pulmonalis, 42.

BAHAMAS—*Dunmore Town*.—Two weeks ended September 10, 1897. Population, 1,472. No deaths.

Green Turtle Cay—Abaco.—Two weeks ended September 9, 1897. Population, 3,900. No deaths.

Nassau.—Two weeks ended September 14, 1897. Estimated population, 11,000. Deaths not reported.

DENMARK.—Month of July, 1897. Population, 2,255,188. Total deaths, 13,810, including diphtheria, 696; enteric fever, 203; measles, 1,053; scarlet fever, 294, and whooping cough, 525.

COPENHAGEN.—Month of July, 1897. Population, 340,000. Total deaths, 2,206, including diphtheria, 92; enteric fever, 22; measles, 28; scarlet fever, 122, and whooping cough, 23.

CUBA—*Manzanillo*.—Two weeks ended August 31, 1897. Estimated population, 20,000. Total deaths, 134, including yellow fever, 2, and enteric fever, 3.

FRANCE—*Nantes*.—Month of August, 1897. Estimated population, 125,757. Total deaths, 199, including enteric fever, 3, and whooping cough, 2.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 33 great towns in England and Wales during the week ended September 4 correspond to an annual rate of 20.7 a thousand of the aggregate population, which is estimated at 10,992,524. The highest rate was recorded in Preston, viz, 44.4, and the lowest in Swansea, viz, 10.4 a thousand.

London.—One thousand four hundred and fifty-two deaths were registered during the week, including measles, 14; scarlet fever, 11; diphtheria, 35; whooping cough, 23; enteric fever, 7, and diarrhea and dysentery, 186. The deaths from all causes correspond to an annual rate of 22.0 a thousand. In greater London, 2,023 deaths were registered, corresponding to an annual rate of 16.8 a thousand of the population. In the "outer ring" the deaths included 4 from diphtheria, 6 from measles, 1 from scarlet fever, and 12 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended September 4 in the 23 principal town districts of Ireland was 20.7 a thousand of the population. The lowest rate was recorded in Waterford, Carrickfergus, and Portadown, viz, 0.0, and the highest in Waterford, viz, 31.8 a thousand. In Dublin and suburbs 155 deaths were registered, including scarlet fever, 1; whooping cough, 3, and diphtheria, 4.

Scotland.—The deaths registered in 8 principal towns during the week ended September 4 correspond to an annual rate of 18.1 a thousand of the

population, which is estimated at 1,549,907. The lowest mortality was recorded in Perth, viz, 6.8, and the highest in Dundee, viz, 23.6 a thousand. The aggregate number of deaths registered from all causes was 538, including measles, 5; scarlet fever, 10; diphtheria, 4, whooping cough, 19, and smallpox, 1.

UNITED STATES OF COLOMBIA—*Panama*.—Ten days ended September 3, 1897. Estimated population, 16,000. No deaths.

MORTALITY TABLE, FOREIGN CITIES.

| Cities. | Week ended. | Estimated popula- tion. | Total deaths from all causes. | Deaths from— | | | | | | | |
|----------------------------|--------------|----------------------------|----------------------------------|--------------|---------------|-----------|---------------|----------------|----------------|-------------|--------------------------------|
| | | | | Cholera. | Yellow fever. | Smallpox. | Typhus fever. | Enteric fever. | Scarlet fever. | Diphtheria. | Measles. Whooping cough. |
| Aix la Chapelle..... | Aug. 8.... | 112,927 | 87 | | | | | | | | |
| Amherstburg..... | Sept. 11.... | 2,300 | 1 | | | | | | | | |
| Amsterdam..... | Sept. 4.... | 498,112 | 122 | | | | | | | 1 | 3 |
| Belfast..... | do..... | 281,431 | 129 | | | | | 10 | | 1 | 2 |
| Belize..... | Sept. 10.... | 13,000 | 4 | | | | | | | | |
| Birmingham..... | Sept. 4.... | 505,772 | 230 | | | | | 3 | 1 | 4 | 3 |
| Bluefields..... | do..... | 3,000 | 2 | | | | | | | | |
| Bombay..... | Aug. 17.... | 821,764 | *978 | 143 | | 2 | | 2 | | | 1 |
| Bordeaux..... | June 5.... | 280,000 | 94 | | | | 2 | | | | |
| Do..... | June 12.... | 280,000 | 77 | | | | | 3 | | 1 | 1 |
| Do..... | June 19.... | 280,000 | 92 | | | | | 3 | | | |
| Do..... | June 26.... | 280,000 | 85 | | | | | 1 | | 1 | |
| Do..... | July 3.... | 280,000 | 103 | | | | | | | 1 | |
| Do..... | July 10.... | 280,000 | 88 | | | | | | | | |
| Do..... | July 17.... | 280,000 | 92 | | | | | | | | |
| Do..... | July 24.... | 280,000 | 112 | | | | | 1 | | 2 | 1 |
| Do..... | July 31.... | 280,000 | 108 | | | | | 1 | | 1 | |
| Do..... | Aug. 7.... | 280,000 | 105 | | | | | 1 | | 2 | |
| Do..... | Aug. 14.... | 280,000 | 93 | | | | | | | | |
| Do..... | Aug. 21.... | 280,000 | 114 | | | | | 2 | | 1 | 1 |
| Do..... | Aug. 28.... | 280,000 | 107 | | | | 3 | | | 2 | 1 |
| Bradford..... | Sept. 4.... | 221,610 | 89 | | | | | | | | 2 |
| Bremen..... | Aug. 21.... | 142,500 | 54 | | | | | 1 | 1 | | |
| Do..... | Aug. 28.... | 142,500 | 53 | | | | | 1 | | | |
| Brussels..... | do..... | 531,011 | 214 | | | | | 3 | | | 3 |
| Budapest..... | Sept. 3.... | 640,000 | ..... |  |  |  |  | 2 | 2 | 6 | 1 |
| Calcutta..... | Aug. 7.... | 681,560 | 379 | 8 | | 1 | | | | 1 | 1 |
| Cardenas..... | Sept. 4.... | 23,517 | 36 | | | 1 | 2 | | | | |
| Catania..... | Aug. 31.... | 124,000 | 31 | | | 1 | | | | | |
| Christiania..... | Aug. 28.... | 192,141 | 70 | | | | 5 | | | | 2 |
| Do..... | Sept. 4.... | 192,141 | 68 | | | | | | | 1 | |
| Cienfuegos..... | Sept. 5.... | 24,030 | 63 | | 6 | | | | | | |
| Cologne..... | Aug. 28.... | 335,661 | 174 | | | | | 1 | | 5 | 4 |
| Colombo, Ceylon..... | July 31.... | 130,000 | 108 | | | | 7 | | | | |
| Copenhagen..... | Aug. 28.... | 333,714 | 146 | | | | 2 | 2 | | 2 | 1 |
| Crefeld..... | Sept. 4.... | 108,316 | 309 | | | 2 | | 4 | 3 | | |
| Dresden..... | Aug. 21.... | 372,700 | 207 | | | | | 1 | 3 | | 1 |
| Do..... | Aug. 28.... | 372,700 | 176 | | | | | | | | |
| Dublin..... | Sept. 4.... | 360,000 | 155 | | | | | 1 | 4 | | 3 |
| Dundee..... | Aug. 28.... | 163,090 | 64 | | | | | | | 1 | 5 |
| Do..... | Sept. 4.... | 163,090 | 74 | | | | | 1 | 3 | | 3 |
| Dusseldorf..... | Aug. 28.... | 189,156 | 101 | | | | | | | 1 | |
| Edinburgh..... | Sept. 4.... | 292,364 | 85 | | | | | 4 | | | 1 |
| Flushing..... | do..... | 17,193 | 9 | | | | | | | | |
| Frankfort on the Main..... | Aug. 28.... | 240,000 | 84 | | | | | 1 | | | 1 |
| Ghent..... | Sept. 7.... | 159,213 | 67 | | | | | | | | |
| Gibraltar..... | Aug. 29.... | 25,900 | 9 | | | | | | | 1 | |
| Governors Harbor..... | Sept. 11.... | 1,500 | 0 | | | | | | | | |
| Guayaquil..... | Aug. 20.... | 50,000 | 55 | | | | | 1 | | | |
| Hamburg..... | Aug. 28.... | 641,780 | 294 | | | | | | | | |
| Do..... | Sept. 4.... | 641,780 | ..... |  |  |  |  | 2 | | | 3 |
| Havre..... | do..... | 119,470 | 55 | | | | | | | 2 | |
| Hongkong..... | July 31.... | 232,662 | (†) | | | | | | | | |
| Honolulu..... | Aug. 28.... | 30,000 | 12 | | | | | | | | |
| Iquique..... | July 31.... | 33,106 | 34 | | | | | | | | |
| Do..... | Aug. 7.... | 33,106 | 25 | | | | | | | | |
| Kingston and Jamaica..... | Aug. 28.... | 694,865 | ..... |  |  |  |  | 1 | | 1 | |
| Leeds..... | Sept. 4.... | 402,449 | 151 | | | | | 2 | 1 | 1 | 1 |
| Leghorn..... | Aug. 28.... | 103,755 | 40 | | | | | 2 | | | |
| Do..... | Sept. 4.... | 103,755 | 38 | | | | | 2 | | | |
| Leith..... | do..... | 75,186 | 34 | | | | | 1 | | 1 | 3 |
| Licata..... | Aug. 28.... | 20,000 | 10 | | | | | 2 | | | |
| Liverpool..... | Sept. 4.... | 644,129 | 341 | | | | | 1 | 2 | 4 | 5 |
| Livingston, Guatemala..... | do..... | 2,000 | 0 | | | | | | | | |
| London, Canada..... | Sept. 11.... | 36,000 | 7 | | | | | | | | |
| Lyons..... | Aug. 21.... | 466,028 | 150 | | | | | | 2 | 1 | 2 |
| Do..... | Aug. 28.... | 466,028 | 148 | | | | | 7 | | | |
| Madrid..... | Aug. 10.... | 482,816 | 259 | | | 1 | | 9 | 5 | 1 | 10 |
| Do..... | Aug. 17.... | 482,816 | 216 | | | | | 8 | 1 | 2 | 9 |
| Do..... | Aug. 24.... | 482,816 | 239 | | | 2 | | 12 | 3 | 2 | 9 |
| Magdeburg..... | Aug. 21.... | 218,698 | 114 | | | | | | | | |
| Mannheim..... | Aug. 28.... | 101,500 | 36 | | | | | | | | |
| Do..... | Sept. 4.... | 101,500 | 41 | | | | | | | 2 | |

* Bubonic plague, 1.

† Plague, 2.

MORTALITY TABLE, FOREIGN CITIES—Continued.

| Cities. | Week ended. | Estimated popula- tion. | Total deaths from all causes. | Deaths from— | | | | | | | | |
|------------------------------|--------------|----------------------------|----------------------------------|--------------|---------------|-----------|---------------|----------------|----------------|-------------|----------|--------------------|
| | | | | Cholera. | Yellow fever. | Smallpox. | Typhus fever. | Enteric fever. | Scarlet fever. | Diphtheria. | Measles. | Whooping cough. |
| Maracaibo..... | Sept. 4.... | 50,000 | 20 | | | | | | | | | |
| Matamoros..... | Sept. 10.... | 12,000 | 3 | | | | | | | | | |
| Matanzas..... | Sept. 8.... | 62,000 | 123 | | 4 | | | 6 | | 1 | 4 | |
| Mayence..... | Aug. 28.... | 74,917 | 22 | | | | | | | | | |
| Do..... | Sept. 4.... | 74,917 | 22 | | | | | | | | | 1 |
| Melbourne..... | July 31.... | 450,000 | | | | | | 1 | | | | |
| Do..... | Aug. 7.... | 450,000 | | | | | | | | | | |
| Messina..... | Aug. 28.... | 107,000 | 35 | | | | | | | 1 | | |
| Do..... | Sept. 4.... | 107,000 | 28 | | | | | 4 | | | | |
| Moscow..... | Aug. 7.... | 989,000 | 576 | | | | | | 17 | 12 | 7 | 2 |
| Do..... | Aug. 14.... | 989,000 | 561 | | | | 1 | 2 | 7 | 9 | 5 | 3 |
| Do..... | Aug. 21.... | 989,000 | 580 | | | | | 2 | 7 | 17 | 3 | 4 |
| Munich..... | Aug. 28.... | 418,000 | 235 | | | | | 1 | | 2 | 4 | |
| Nagasaki..... | Aug. 18.... | 71,730 | | | | 1 | | | | | | |
| Newcastle on Tyne..... | Aug. 28.... | 186,345 | 122 | | | | | | | 1 | 1 | |
| Do..... | Sept. 4.... | 186,345 | 111 | | | | | | 1 | | 1 | |
| Odessa..... | Aug. 28.... | 404,000 | 159 | | | | | 7 | 5 | | | |
| Osaka and Hiogo..... | Aug. 21.... | 182,730 | 98 | 2 | | | | | | | | |
| Palermo..... | Aug. 28.... | 273,000 | 98 | | | | 1 | | | | | |
| Para..... | do..... | 150,000 | 47 | | 6 | 1 | | | | | | |
| Paris..... | do..... | 2,511,955 | 755 | | | | | 2 | | 2 | 9 | 1 |
| Pernambuco..... | July 3.... | 200,000 | 164 | | | 1 | | | | | | |
| Do..... | July 10.... | 200,000 | 180 | | | | | | | | | |
| Do..... | July 17.... | 200,000 | 172 | | | | | | | | | |
| Do..... | July 24.... | 200,000 | 156 | | | | | | | | | |
| Do..... | July 31.... | 200,000 | 148 | | | 1 | | | | | | |
| Plymouth..... | Sept. 4.... | 97,658 | 28 | | | | | | | | | |
| Prague..... | Aug. 28.... | 193,097 | 107 | | | | | 6 | 2 | 1 | | |
| Rio de Janeiro..... | Aug. 14.... | 679,000 | * 270 | | | | | 2 | | | | |
| Rotterdam..... | Sept. 4.... | 292,551 | 121 | | | | 1 | | 1 | | | |
| Sagua la Grande..... | do..... | 17,536 | 56 | | 6 | 1 | | | | | | |
| Do..... | Sept. 11.... | 17,536 | 56 | | 3 | 2 | | | | | | |
| St. Georges, Bermuda..... | Sept. 4.... | 2,150 | 2 | | | | | | | | | |
| Do..... | Sept. 11.... | 2,150 | 1 | | | | | | | | | |
| St. Stephens, New Brunswick | do..... | 3,000 | 1 | | | | | 1 | | | | |
| St. Petersburg..... | Aug. 28.... | 1,267,023 | 487 | | | 7 | | 18 | 12 | 36 | 16 | |
| St. Thomas, West Indies..... | July 30.... | 12,009 | 14 | | | | | | | | | |
| Do..... | Aug. 6.... | 12,009 | 5 | | | | | | | | | |
| Do..... | Aug. 13.... | 12,009 | 6 | | | | | | | | | |
| Schiedam..... | Sept. 4.... | 26,627 | 11 | | | | | | | | | |
| Sheffield..... | do..... | 354,785 | 170 | | | | | 4 | 3 | | 3 | 2 |
| Southampton..... | do..... | 98,002 | 42 | | | | | | | | 3 | |
| South Shields..... | Aug. 28.... | 95,798 | 33 | | | | | | | | | |
| Do..... | Sept. 4.... | 95,798 | 45 | | | | | | | | 1 | |
| Stettin..... | Aug. 28.... | 150,000 | 92 | | | | | | | 2 | | |
| Stockholm..... | do..... | 274,611 | | | | | | | | 1 | 1 | |
| Do..... | Sept. 4.... | 274,611 | 80 | | | | | | 2 | | | |
| Stuttgart..... | Sept. 2.... | 158,378 | 58 | | | | | | | | | |
| Sunderland..... | Aug. 28.... | 142,107 | 85 | | | | | 1 | 2 | | 1 | |
| Do..... | Sept. 4.... | 142,107 | 74 | | | | | 4 | | 1 | 1 | 1 |
| Tampico..... | Sept. 12.... | 11,000 | 18 | | | | | | | | | |
| Tegucigalpa..... | Aug. 21.... | 14,000 | 9 | | | | | | | | | |
| Do..... | Aug. 28.... | 14,000 | 4 | | | | | | | | | |
| Trapani..... | do..... | 39,095 | 16 | | | | | | | | | |
| Trieste..... | do..... | 158,314 | 66 | | | | | | | 1 | | |
| Tuxpan..... | do..... | 10,280 | 7 | | | | | | | | | |
| Warsaw..... | do..... | 601,408 | 315 | | 3 | | | | 10 | 8 | | 1 |
| Zurich..... | do..... | 158,000 | 53 | | | | | | | 1 | | |

*Beriberi, 2.

By authority of the Secretary of the Treasury :

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