

# Public Health Reports

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

VOL. XIII.

WASHINGTON, D. C., MAY 27, 1898.

No. 21.

## UNITED STATES.

### *Cooperation of the military authorities at Tampa to prevent the introduction of yellow fever.*

Passed Assistant Surgeon A. H. Glennan has been detailed by the Surgeon-General to represent the Service with regard to all matters relating to the introduction of epidemic disease into the State of Florida, with instructions to cooperate with the State health authorities.

Two camps will be established, one at or near Key West under the command of Passed Assistant Surgeon Eugene Wasdin, and the other at Egmont Key at the entrance of Tampa Bay, under the command of Passed Assistant Surgeon H. D. Geddings. In accordance with instructions Passed Assistant Surgeon Glennan has conferred with the military authorities at Tampa and has secured the issuance of the following order :

[Memorandum order.]

HEADQUARTERS UNITED STATES FORCES,  
*Tampa, Fla., May 22, 1898.*

Dr. A. H. Glennan, United States Marine-Hospital Service, is hereby authorized to detain all vessels, of whatever description, entering Tampa Bay, for the purposes of inspection, and, if found necessary by him, fumigation of vessels and detention of all infected persons. The doctor is further authorized to detain suspected cases under observation and disinfect baggage of any and all persons, if he deems it necessary.

By command of Major-General Shafter.

J. C. GILMORE, JR.,  
*Second Lieutenant, Fourth Artillery, A. A. A. G.*

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

*Case of smallpox in Buffalo, N. Y.*

BUFFALO, N. Y., May 21, 1898.

SIR: I have the honor to report the existence of a case of smallpox in this city. The patient, Charles Williams, a negro boy, was taken sick in a tenement house at No. 55 William street, on Thursday. He was at once carried to the county hospital, where the disease was diagnosed as smallpox, and on Friday morning he was transferred to the city pesthouse. The patient came to this city from Newbern, N. C., about three months ago, but he has no knowledge of the origin of the disease.

I am informed by the secretary of the city board of health that all exposed persons have been vaccinated; that the premises are guarded, and will be thoroughly disinfected on Monday next.

Respectfully, yours,

J. B. STONER,  
*Passed Assistant Surgeon, U. S. M. H. S.*

*Smallpox at Little Rock and vicinity—(Continued).*

LITTLE ROCK, ARK., May 20, 1898.

SIR: I have the honor to report as follows concerning smallpox in Pulaski County, Ark.: The entire number of cases since the beginning of the present outbreak has been, in Little Rock and Argenta, 110. Fifty-eight have been discharged, leaving 52 still remaining under treatment, all in the hospital. There has been 1 death in the hospital. Eleven cases have occurred at Sweet Home, this county. One died there, 9 have recovered, and 1 is now under treatment. No other new cases in this county since my last report.

Very respectfully,

L. P. GIBSON,  
*Acting Assistant Surgeon, U. S. M. H. S.*

*Smallpox in Mobile—(Continued).*

MOBILE, ALA., May 23, 1898.

SIR: I have the honor to report that since the 13th instant 7 cases of smallpox have been admitted to the county hospital. Of these 2 were from Whistler, 4 were discovered in the city, and 1 was a Louisville and Nashville Railroad tramp; all colored.

Another case has occurred in the First Alabama Volunteers; sent to the county hospital. His tent mates have been isolated.

Three cases occurred at Hendersons Point, Miss., February 8, 1898.

On the 16th I went with Drs. Haralson and Fowlkes to Denny Station, in Greene County, Miss., on the new Mobile, Jackson and Kansas City Railroad 42 miles northwest from here to decide on the nature of an eruption among some tie camp negroes. We found 13 cases and 10 suspects in isolation at Denny and 7 cases and 5 suspects in isolation at Basin, Jackson County, on the Pascagoula River, 12 miles from the railroad. (I reported the disease as probably existing at Basin in February.) The cases are under the charge of Dr. W. D. Ratcliff, of Basin, who is well qualified to care for them. He established his isolation camp on February 5. Our visit was opportune, as the people were divided into two parties—those who did not believe the disease was smallpox and were determined to prevent the others from driving off

the negroes, and those who, fearing a quarantine, were determined the negroes should leave. Both parties were armed, but when the assurance was given that the disease was smallpox and could be safely cared for, and that there would be no quarantine of the place or railroad good feeling was restored. A store was burned the night before our arrival, and it is thought by one of the factions.

I am, very respectfully, your obedient servant,

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

*Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, January 1 to May 27, 1898.*

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Alabama:</b>				
Bessemer.....	Jan. 6-Feb. 19.....	143		
Birmingham.....	Jan. 6-Feb. 19.....	47		
	May 13.....	15		
In Jefferson county, outside of the city.....	Feb. 6-Feb. 19.....	26		
Carneys Bluff.....	Feb. 17.....			Smallpox reported.
Corona.....	Mar. 4.....	1		
Dolomite.....	Dec. 1-Jan. 17.....	21		
Gosport.....	Feb. 17.....			Do.
Glendon.....	Feb. 17.....			Do.
Haynesville.....	Mar. 11.....	400		
Horse Creek Mine.....	Mar. 4.....	3		
Hurricane Bayou.....	Mar. 31-May 13.....	26		
Jackson.....	Feb. 17.....	10		
Letchathie.....	May 13.....	50		
Mobile.....	Feb. 5-May 23.....	75	1	
Montevallo.....	Mar. 3.....	1		
Newton.....	Jan. 15-Feb. 2.....	7		
Nichola.....	Feb. 17.....			Do.
Oxmar.....	Jan. 19.....			Do.
Patton.....	Feb. 1-Mar. 4.....	9		
Pinckard.....	Feb. 2.....	50		
Port Deposit.....	May 13.....	1		
Rock Springs.....	Mar. 11.....	15		
Salitpa.....	Feb. 17.....			Do.
Selma.....	Jan. 13-Feb. 14.....	3		
Shelby.....	Jan. 28-Apr. 22.....	8		
Talladega.....	Jan. 9-Feb. 15.....	45		
Walker Springs.....	Feb. 17.....			Do.
<b>Arkansas:</b>				
Fair Oaks.....	Mar. 1.....	5		
Little Rock and vicinity.....	Mar. 31-May 20.....	110	1	
Newport.....	Apr. 23.....	1		
Sweet Home.....	May 20.....	11	1	
<b>District of Columbia:</b>				
Washington.....	Feb. 7.....	1		Naval Hospital.
	Apr. 2-May 5.....	9		
<b>Florida:</b>				
Jacksonville.....	Mar. 20-Mar. 26.....	1		
Pensacola.....	Apr. 24.....	1		
Washington County.....	Jan. 24.....	12		
<b>Georgia:</b>				
Atlanta.....	Jan. 17-Feb. 16.....	178	2	Most cases from county.
Cartersville.....	Jan. 15-Mar. 1.....	9	1	
Griffin.....	Feb. 12.....	2		
Macon.....	Jan. 15-Apr. 1.....	64	1	
Stilesboro.....	Jan. 15.....			Smallpox reported.
<b>Illinois:</b>				
Chicago.....	May 4.....	1		
<b>Indiana:</b>				
Evansville.....	Feb. 26.....	1		
<b>Kentucky:</b>				
Butler.....	Feb. 8-Feb. 24.....	1		
Louisville.....	Apr. 16.....	1		
Middlesborough.....	Feb. 3-Apr. 7.....	183	2	
<b>Louisiana:</b>				
New Orleans.....	Mar. 13-May 14.....	4		
<b>Massachusetts:</b>				
Greenfield.....	Feb. 5-Feb. 22.....	1		
Westfield.....	Feb. 20-Mar. 2.....	1		
<b>Michigan:</b>				
Ionia.....	Mar. 20-Apr. 23.....			Do
Royal Oak.....	Feb. 12-Mar. 12.....	1		

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Mississippi:</b>				
Basin.....	May 16.....	7		
Denny.....	May 16.....	13		
Henderson's Point.....	Feb. 8.....	3		
Moss Point.....	Feb. 15.....	1		
<b>New Jersey:</b>				
Westfield.....	Mar. 4.....	1		
<b>New Mexico:</b>				
Albuquerque and vicinity.....	Mar. 5-Apr. 1.....	14		
<b>New York:</b>				
Buffalo.....	May 21.....	1		
Deposit.....	Nov. 1-Nov. 30.....	1		
<b>North Carolina:</b>				
Alamance County.....	Feb. 18-Feb. 25.....	1		
Asheville.....	Apr. 14.....	1		
Buncombe County.....	Apr. 16.....	1		
Charlotte.....	Jan. 25-Feb. 12.....	4		
Clay County.....	Feb. 15-Feb. 24.....	3		
Iredell County.....	May 19.....	1		
Wilmington.....	Jan. 12.....	1		
<b>Ohio:</b>				
Cincinnati.....	May 5.....	1		
Columbus.....	Apr. 16-Apr. 22.....	1		
Fairfield County.....	Apr. 8-May 11.....	12	1	
<b>Pennsylvania:</b>				
Philadelphia.....	Apr. 13.....	2		
<b>South Carolina:</b>				
Arkwright.....	Mar. 25.....	9		
Beaufort.....	Jan. 17.....			Smallpox reported.
Charleston.....	Apr. 22.....	1		
Columbia.....	Apr. 6-May 2.....	86		
Dyson.....	Mar. 25.....	3		
Greenville.....	Jan. 17.....			Do.
Orangeburg.....	Jan. 17.....			Do.
Pelham.....	Mar. 25.....	20		
Ridge Springs.....	Mar. 25.....	1		
Rock Hill.....	Jan. 17.....			Do.
Spartanburg.....	Jan. 17.....			Do.
Sumter.....	May 2.....	12		
Swansea.....	Jan. 15.....			Do.
<b>Tennessee:</b>				
Bristol.....	Mar. 1-Mar. 31.....	1		
Chattanooga.....	Jan. 1-Apr. 30.....	21		
Cleveland.....	Apr. 1-Apr. 30.....	6		
Elk Valley.....	Mar. 1-Mar. 31.....	1		
Huntington (near).....	Jan. 1-Jan. 29.....	1		
Jellico.....	Feb. 1-Mar. 31.....	9		
Johnson City.....	Feb. 1-Mar. 31.....	13		
Knoxville.....	Jan. 1-Apr. 30.....	43		
Lenoir City.....	Jan. 1-Feb. 28.....	5		
Memphis.....	Jan. 22-Apr. 30.....	4		
Mingo mines.....	Jan. 1-Jan. 29.....	6		
Mingo.....	Feb. 1-Mar. 31.....	3		
Morristown.....	Feb. 1-Mar. 31.....	6		
Newcomb.....	Feb. 1-Feb. 28.....	3		
Rockford.....	Mar. 1-Mar. 31.....	1		
Rutledge.....	Feb. 1-Apr. 30.....	14		
Shields Ferry.....	Mar. 1-Mar. 31.....	4		
Sprowles.....	Mar. 1-Mar. 31.....	1		
<b>Texas:</b>				
Brownsville.....	Feb. 26.....	1		
Columbus.....	Feb. 2-Apr. 2.....	30	7	
<b>Virginia:</b>				
Colburn.....	Feb. 1.....			Do.
Norfolk.....	Mar. 1-Mar. 10.....	2		
Norton.....	Feb. 1.....			Do.
<b>West Virginia:</b>				
Bluefield.....	Feb. 25.....	5		
Fayette County.....	May 6.....	8		
Mercer County.....	May 6.....	6		
McDowell County.....	May 6.....	12		
<b>Wisconsin:</b>				
Milwaukee.....	May 19.....	1		

*Report of immigration at Boston for the week ended May 21, 1898.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Boston, May 22, 1898.*

*Number of alien immigrants who arrived at this port during the week ended May 21, 1898;  
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
May 15	Steamship Yarmouth.....	Yarmouth, Nova Scotia.....	46
Do....	Steamship Christiania.....	Hamburg, Germany.....	51
May 16	Steamship Belvidere.....	Port Morant, Jamaica.....	3
May 17	Steamship Virginian.....	London, England.....	2
Do....	Steamship Prince Edward.....	Yarmouth, Nova Scotia.....	13
Do....	Steamship Cambroman.....	Liverpool, England.....	26
May 18	Steamship Lancastrian.....	do.....	22
May 19	Steamship Barnstable.....	Port Morant, Jamaica.....	2
Do....	Steamship Barrowmore.....	London, England.....	13
Do....	Steamship Yarmouth.....	Yarmouth, Nova Scotia.....	62
Do....	Bark Sofala.....	Calcutta.....	1
May 20	Steamship Halifax.....	Halifax, Nova Scotia.....	44
Do....	Steamship Prince Edward.....	Yarmouth, Nova Scotia.....	22
May 21	Steamship Cambrian.....	London, England.....	20
	Total.....		327

GEORGE B. BILLINGS,  
*Commissioner.*

*Report of immigration at New York for the week ended May 21, 1898.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of New York, May 23, 1898.*

*Number of alien immigrants who arrived at this port during the week ended May 21, 1898;  
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
May 15	Steamship Mongolian.....	Glasgow.....	40
Do....	Steamship Palatia.....	Hamburg.....	402
May 16	Steamship Spartan Prince.....	Genoa and Naples.....	917
Do....	Steamship Karamania.....	Naples.....	631
Do....	Steamship La Gascogne.....	Havre.....	216
Do....	Steamship Obdam.....	Rotterdam.....	167
Do....	Steamship Ellen Rickmers.....	Bremen.....	60
Do....	Steamship Sorrento.....	Hamburg.....	162
May 17	Steamship Aller.....	Genoa and Naples.....	642
Do....	Steamship Ethiopia.....	Glasgow.....	90
May 18	Steamship Southwark.....	Antwerp.....	265
May 19	Steamship Dona Maria.....	Lisbon and The Azores.....	65
Do....	Steamship Aurania.....	Liverpool and Queenstown.....	111
May 20	Steamship Germanic.....	do.....	484
Do....	Steamship Barbarossa.....	Bremen.....	332
May 21	Steamship Pretoria.....	Hamburg.....	620
Do....	Steamship Hekla.....	Copenhagen.....	166
	Total.....		5,370

THOMAS FITCHIE,  
*Commissioner.*

*Report of immigration at Philadelphia for the week ended May 21, 1898.*

**OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
Port of Philadelphia, May 23, 1898.**

*Number of alien immigrants who arrived at this port during the week ended May 21, 1898;  
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of im- migrants.
May 17	Steamship Delaware.....	Liverpool.....	2
May 15	Steamship Ethelwold.....	Jamaica.....	2
May 17	Steamship Wm. Mitchell.....	Antwerp.....	1
May 16	Steamship Pennland.....	Liverpool and Queenstown.....	285
May 17	Steamship Watlington.....	Cardiff.....	2
Do.....	Steamship Roumanian.....	Glasgow.....	4
May 18	Steamship Minnesota.....	London.....	2
May 19	Steamship Nederland.....	Antwerp.....	182
	<b>Total.....</b>		<b>480</b>

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

**QUARANTINE REPORTS.**  
*National quarantine and inspection stations.*

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

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Alexandria, Va.	May 21	Port. bg. Herbert. (a)	May 11	Praia, Cape Verde Islands.	Brunswick.	Disinfected and held.	May 18	No transactions.	1
Srunawick, Ga.	.....do.	Am. bg. Havilah.	May 17	Santos via Barbados.	.....do.	Ordered to South Atlantic Quarantine.	.....	2 cases of yellow fever after leaving Santos, 1 death.	.....
Cape Charles Quarantine, Va.	May 21	Nor. bk. Crown.	May 20	Demersa.	.....do.	Held for disinfection.	May 21	1 case malarial fever; held 24 hours to confirm diagnosis.	6
Cape Fear, N. C.	May 21	Am. ss. City of Macon.	.....do.	Macon, Ga.	.....do.	Inspected and passed.	.....	.....	1
Delaware Breakwater Quarantine, Del.	May 14	.....	.....	.....	.....	.....	.....	.....	8
Eureka, Cal.	May 21	.....	.....	.....	.....	.....	.....	.....	9
Greys Harbor, Wash.	May 11	.....	.....	.....	.....	.....	.....	.....	1
Gulf Quarantine, Ship Island, Miss.	May 18	Nor. bk. Prince Victor. (a)	Apr. 20	Rio	Ship Island.	Disinfected and held.	May 9	No transactions.	3
	May 14	Nor. bk. Geo. B. Doane. (a)	May 1	Pernambuco.	.....do.	.....do.	.....	2 cases erysipelas at sea; 1 in quarantine.	.....
	.....	Am. sc. Clara A. Phinney. (a)	May 2	Cuatzacoalcos	.....do.	.....do.	May 10	.....	.....
	.....	Am. sc. May O'Neill. (a)	.....do.	Port of Spain.	Mobile	.....do.	May 8	.....	.....
	.....	Nor. bk. Wm. Gordon.	May 6	Pernambuco.	Pacagoula.	Held for disinfection.	.....	.....	.....
	.....	Br. bgn. Estella.	May 9	Vers Cruz	Apalachicola.	Disinfected and held.	May 14	No transactions.	3
Newbern, N. C.	May 21	Br. sc Sirocco (a)	May 5	Habana	Pacagoula.	Disinfected and held.	.....	No transactions.	28
Port Townsend, Wash.	May 14	.....	.....	.....	Philadelphia.	Disinfected and held.	.....	.....	3
Reedy Island Quarantine, Del.	May 21	.....	.....	.....	.....	.....	.....	.....	2
San Diego, Cal.	May 14	.....	.....	.....	.....	.....	.....	.....	4
San Francisco Quarantine, Cal.	.....	.....	.....	.....	.....	.....	.....	.....	.....

(a) Previously reported.

QUARANTINE REPORTS—Continued.  
National quarantine and inspection stations—Continued.

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
South Atlantic Quarantine, Blackbeard Island, Ga.	May 21	Nor. bk. Rhea (a).	May 14	Rio.....	Sepelo.....	Disinfected and held.....	.....	.....	.....
		Nor. bk. Prince Louis.	May 16	.....do.....	.....do.....	Discharging ballast.....	.....	.....	.....
Tortugas Quarantine, Key West, Fla., Washington, N. C.....	May 14	Am. bg. Havilah.	May 17	Santos.....	Brunswick.....	Waiting to discharge ballast.	.....	2 cases yellow fever in Santos, 1 death.	.....
	May 21	.....	.....	.....	.....	.....	.....	No transactions.....do.....	.....

a. Previously reported.



QUARANTINE REPORTS—Continued.

State and municipal quarantine stations.

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

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Ancote, Fla.....	.....	.....	.....	.....	.....	.....	.....	No report.	.....
Apalachicola, Fla.....	.....	.....	.....	.....	.....	.....	.....	.....do.....	.....
Baltimore, Md.....	May 21	.....	.....	.....	.....	.....	.....	No report.	36
Baigor, Me.....	.....	.....	.....	.....	.....	.....	.....	.....do.....	.....
Boca Grande, Fla.....	.....	.....	.....	.....	.....	.....	.....	No report.	15
Boston, Mass.....	May 14	.....	.....	.....	.....	.....	.....	.....do.....	.....
Orrabelle, Fla.....	May 14	.....	.....	.....	.....	.....	.....	No report.	11
Cedar Keys, Fla.....	May 8	.....	May 13	St. Thomas	San Juan	Held for disinfection	.....	Prize captured May 8	4
Charleston, S. C.....	.....	Sp. ss. Rito (a)	.....	.....	Puerto Rico	.....	.....	off Puerto Rico by the U. S. S. Yale.	.....
Charlotte Harbor, Fla.....	May 7	.....	.....	.....	.....	.....	.....	No transactions	1
Elizabeth River, Va.....	May 14	.....	.....	.....	.....	.....	.....	.....do.....	.....
Galveston, Tex.....	May 21	.....	.....	.....	.....	.....	.....	No report.	10
Gardiner, Oreg.....	.....	.....	.....	.....	.....	.....	.....	.....do.....	.....
Georgetown, S. C.....	.....	.....	.....	.....	.....	.....	.....	.....do.....	.....
Gloucester, Mass.....	May 21	.....	.....	.....	.....	.....	.....	.....do.....	.....
Key West, Monroe Co., Fla.....	.....	.....	.....	.....	.....	.....	.....	.....do.....	23
Mayport, Fla.....	do.	.....	.....	.....	.....	.....	.....	.....do.....	.....
Mobile Bay, Ala.....	May 14	Fr. bk. Haitien (a)	May 1	Martinique	Mobile	Ballast discharged and vessel disinfected.	May 9	.....	6
.....	.....	Rus. sc. Gulbe	May 9	Demerara	.....	Ballast discharged; vessel disinfected and held.	May 14	.....	9
.....	.....	Am. sc. Gertrude A. Bartlett	May 12	Laguna, Mex.	.....	Vessel disinfected and held.	.....	.....	.....
.....	May 21	Br. sc. Governor Blake.	do.	do.	do.	do.	May 15	.....	17
.....	.....	Am. sc. Harold J. McCarthy.	May 19	Grand Cayman, British West Indies.	do.	do.	.....	.....	.....
.....	.....	.....	May 21	Progreso.	do.	do.	.....	.....	.....
New Bedford, Mass.....	.....	.....	.....	.....	.....	.....	.....	No report.	.....
New Orleans, La.....	.....	.....	.....	.....	.....	.....	.....	.....do.....	.....
Newport News, Va.....	May 21	.....	.....	.....	.....	.....	.....	.....	9

a Previously reported.

QUARANTINE REPORTS—Continued.  
 State and municipal quarantine stations—Continued.

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Newport, R. I.	.....	.....	.....	.....	.....	.....	.....	No report.	.....
Pase Cavallo, Tex.	.....	.....	.....	.....	.....	.....	.....	.....do.	.....
Port Los Angeles, Cal.	May 14	.....	.....	.....	.....	.....	.....	No transactions.	.....
Port Royal, S. C.	.....	.....	.....	.....	.....	.....	.....	No report.	.....
Providence, R. I.	May 21	.....	.....	.....	.....	.....	.....	.....	1
Round Island, Miss.	May 14	.....	.....	.....	.....	.....	.....	.....	1
St. Helena Entrance, S. C.	.....	.....	.....	.....	.....	.....	.....	No report.	.....
San Pedro, Cal.	May 14	.....	May 1	.....	.....	.....	.....	.....	1
Savannah, Ga.	.....do.	Ger. bk. Izabel (c)	May 14	Para.	Savannah	Disinfected and held.	May 9	.....	2
.....	.....do.	Br. s. Macedon	May 5	Rio	.....do.	Discharging ballast.	.....	.....	.....
Tampa Bay, Fla.	.....do.	Am. ss. Orizabs (c)	May 5	Vera Cruz.	Port Tampa	Disinfected and held.	May 12	.....	20

<sup>a</sup> Previously reported.

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

CALIFORNIA—*San Francisco*.—Month of April, 1898. Estimated population, 360,000. Total deaths, 591, including phthisis pulmonalis, 109; enteric fever, 2; diphtheria, 23; scarlet fever, 1, and whooping cough, 1.

ILLINOIS—*Chicago*.—Estimated population, 1,750,000. Total deaths, 2,133, including phthisis pulmonalis, 222, enteric fever, 94; scarlet fever, 5; diphtheria, 30, and whooping cough, 25.

MASSACHUSETTS—*Brockton*.—Month of April, 1898. Estimated population, 35,853. Total deaths, 49, including phthisis pulmonalis, 6; scarlet fever, 1, and whooping cough, 1.

*Worcester*.—Month of April, 1898. Estimated population, 106,202. Total deaths, 179, including phthisis pulmonalis, 25; enteric fever, 1; diphtheria, 4, and whooping cough, 6.

MICHIGAN.—Month of April, 1898. Reports to the department of state of the State of Michigan from 83 counties, having an aggregate population of 2,151,425, show a total of 2,689 deaths, including phthisis pulmonalis, 235; enteric fever, 26; scarlet fever, 8; diphtheria, 29; measles, 18, and whooping cough, 24.

Week ended May 14, 1898. Reports to the State board of health, Lansing, from 90 observers, indicate that phthisis pulmonalis was present during the week at 157, measles at 56, scarlet fever at 34, enteric fever at 23, diphtheria at 20, and whooping cough at 19 places.

MINNESOTA—*Minneapolis*.—Month of April, 1898. Estimated population, 225,602. Total deaths, 1,947, including phthisis pulmonalis, 22; enteric fever, 6; diphtheria, 4; measles, 19, and whooping cough, 3.

NEW JERSEY—*Paterson*.—Month of April, 1898. Estimated population, 97,344. Total deaths, 126, including phthisis pulmonalis, 22; scarlet fever, 3, and diphtheria, 4.

NEW YORK—*Yonkers*.—Month of April, 1898. Estimated population, 42,000. Total deaths, 60, including phthisis pulmonalis, 5; diphtheria, 6, and measles, 1.

RHODE ISLAND—*Newport*.—Month of April, 1898. Estimated population, 21,500. Total deaths, 21, including phthisis pulmonalis, 2; scarlet fever, 1, and enteric fever, 1.

TENNESSEE—*Memphis*.—Month of April, 1898. Estimated population, white, 31,430; colored, 30,317; total, 61,747. Deaths, white, 53; colored, 62; total, 115, including phthisis pulmonalis, 17; enteric fever, 1, and diphtheria, 1.

WASHINGTON—*Tacoma*.—Month of April, 1898. Estimated population, 50,000. Total deaths, 36, including phthisis pulmonalis, 2, and enteric fever, 1.

WISCONSIN—*Milwaukee*.—Month of April, 1898. Estimated population, 275,000. Total deaths, 273, including phthisis pulmonalis, 27; enteric fever, 2; scarlet fever, 1, and diphtheria, 3.

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.		
Allegheny, Pa.	May 21	105,287	22	2						1	1					
Amesbury, Mass.	do.	9,798	2	2												
Bennington, Vt.	May 7	6,391	2													
Do	May 14	6,391	3	1												
Do	May 21	6,391	3													
Binghamton, N. Y.	do.	35,005	13	3												
Boston, Mass.	do.	448,477	217	22						3			2			1
Brockton, Mass.	May 14	27,294	10	2												
Bucyrus, Ohio	do.	5,974	2	2												
Butler, Pa.	May 21	8,794	7	1						1						
Cambridge, Mass.	do.	70,028	33	4						1			1			
Charleston, S. C.	May 14	a54,955	b38	8						1			1			
Chicago, Ill.	May 21	1,099,850	453	52						8		4	8	1		2
Cleveland, Ohio.	do.	261,353	90	1						4			1			1
Columbus, Ohio.	May 20	88,150	23	4												
Concord, N. H.	May 14	17,044	6													
Do	May 21	17,044	5													
Dayton, Ohio.	May 14	61,220	33	4						1				1		
Do	May 21	61,220	22	3						1						
Denver, Col.	Apr. 9	106,713	46	11												1
Do	Apr. 16	106,713	39	14												
Do	Apr. 23	106,713	44	13									4			
Do	Apr. 30	106,713	37	5									2			
Detroit, Mich.	May 21	205,876	99	9												
Dunkirk, N. Y.	May 14	9,416	5													
Everett, Mass.	do.	11,068	6	1												
Fall River, Mass.	May 21	74,398	28	3												
Fitchburg, Mass.	May 14	22,037	7										1			1
Flint, Mich.	Apr. 16	9,803	2	1												
Do	Apr. 23	9,803	3	1												
Do	Apr. 30	9,803	3	2												
Do	May 7	9,803	3	3												
Do	May 14	9,803	6	1												
Do	May 21	9,803	4	1												
Grand Rapids, Mich.	do.	60,278	13	2												
Green Bay, Wis.	May 14	9,069	6							1			1			
Haverhill, Mass.	May 21	27,412	14											2		3
Hoboken, N. J.	May 14	43,648	16										1			
Do	May 21	43,648	26	2												
Indianapolis, Ind.	May 7	105,436	40	7												
Do	May 14	105,436	44	6						2			1	1		
Jacksonville, Fla.	do.	17,201	13	1						1						
Do	May 21	17,201	13	1						1						
Jersey City, N. J.	May 15	163,003	75	5							2		1			
Kalamazoo, Mich.	May 14	17,853	7	1												
Lancaster, Pa.	do.	32,001	13							1						
Do	May 21	32,001	14													
Lawrence, Mass.	do.	44,654	16	1									1			
Lowell, Mass.	do.	77,696	32	6									1			
Lynchburg, Va.	do.	19,709	11	3												
McKeesport, Pa.	May 14	20,741	8													
Massillon, Ohio.	do.	10,092	2													
Do	May 21	10,092	1													
Medford, Mass.	May 20	11,079	4													
Melrose, Mass.	May 14	8,519	3													
Memphis, Tenn.	May 21	64,495	31	9												
Middletown, N. Y.	May 15	11,977	6							1						
Milwaukee, Wis.	May 21	204,463	67	7						1						
Minneapolis, Minn.	Apr. 30	164,788	46	2												
Do	May 7	164,788	57	3						1			2	3		3
Do	May 14	164,788	45	3									1			1
Nashville, Tenn.	May 21	76,168	7										1	1		
Newburyport, Mass.	May 14	13,947	6													
New Orleans, La.	do.	242,039	130	14						1						1
Newport, R. I.	May 21	19,457	9													
New York, N. Y.	do.	1,515,301	1,170	144						3	23	37	14			19
Norristown, Pa.	do.	19,791	7													
North Adams, Mass.	do.	16,074	11	1						1						
Omaha, Nebr.	May 14	140,452	23													
Oneonta, N. Y.	do.	6,272	2													
Orange, N. J.	do.	18,844	7	1												
Palmer, Mass.	do.	6,520	3											2		

a Estimated population, white, 28,870; colored, 36,295. Total, 65,165. b White, 11; colored, 25.

## MORTALITY TABLE, CITIES OF THE UNITED STATES—Continued.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—												
				Phthisis pulmonalis.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.		
Petersburg, Va.....	May 22....	22,680	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Philadelphia, Pa.....	May 21....	1,046,964	383	47	.....	.....	.....	.....	.....	.....	7	3	20	2	2	2
Pittsburg, Pa.....	May 14....	238,617	89	3	.....	.....	.....	.....	.....	.....	5	.....	1	1	1	1
Pittsfield, Mass.....	May 21....	17,281	6	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plainfield, N. J.....	.....do....	11,287	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pottstown, Pa.....	May 20....	13,284	7	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Providence, R. I.....	May 21....	132,146	54	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pueblo, Colo.....	May 14....	24,858	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Salt Lake City, Utah.....	.....do....	44,848	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
San Diego, Cal.....	.....do....	16,159	4	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
San Jose, Cal.....	.....do....	18,080	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Santa Barbara, Cal.....	.....do....	5,864	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sault Ste. Marie, Mich.....	.....do....	5,760	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Scranton, Pa.....	May 21....	75,215	20	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Spokane, Wash.....	May 14....	19,922	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Springfield, Ill.....	May 16....	24,908	9	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taunton, Mass.....	May 21....	25,448	11	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Waltham, Mass.....	.....do....	18,707	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Warren, Ohio.....	May 14....	5,973	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington, D. C.....	.....do....	230,392	120	21	.....	.....	.....	.....	.....	.....	.....	1	2	2	2	.....
Wilmington, Del.....	May 21....	61,431	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	.....	.....
Winona, Minn.....	May 14....	18,208	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yonkers, N. Y.....	May 20....	32,033	23	2	.....	.....	.....	.....	.....	.....	.....	.....	4	2	.....	.....

Table of temperature and rainfall, week ended May 23, 1898.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	αExcess.	αDefic'ncy.	Normal.	Excess.	Deficiency.
<b>Atlantic Coast:</b>						
Eastport, Me.....	48	4		.84		.34
Portland, Me.....	55	3		.84		.64
Northfield, Vt.....	54		2	.73		.53
Boston, Mass.....	58	0		.81		.71
Vineyard Haven, Mass.....	58	0		.70	.20	
Nantucket, Mass.....	53	1		.77	.13	
Woods Hole, Mass.....	55	1		.70		.50
Block Island, R. I.....	53	1		.84		.24
New Haven, Conn.....	59	1		.84	.86	
Albany, N. Y.....	61	1		.70		.30
New York, N. Y.....	61	1		.70		.30
Harrisburg, Pa.....	61	5		1.12		.02
Philadelphia, Pa.....	63	5		.74	.46	
New Brunswick, N. J.....	61	3		.82	.48	
Atlantic City, N. J.....	59	1		.59	.81	
Baltimore, Md.....	65	5		.84	.36	
Washington, D. C.....	65	5		.91		.05
Lynchburg, Va.....	66	6		.91	1.29	
Cape Henry, Va.....	66	4		.91	.89	
Norfolk, Va.....	67	3		.98	.12	
Charlotte, N. C.....	68	10		.98		.48
Raleigh, N. C.....	66	10		1.43		.53
Kittyhawk, N. C.....	67			.79		.09
Hatteras, N. C.....	67	3		1.05		.85
Wilmington, N. C.....	70	6		.97		.67
Columbia, S. C.....	73	7		.91		.91
Charleston, S. C.....	73	5		.91		.81
Augusta, Ga.....	72	8		.77		.57
Savannah, Ga.....	73	7		.69		.69
Jacksonville, Fla.....	75	5		.95		.95
Jupiter, Fla.....	76	2		1.43		1.43
Key West, Fla.....	80	0		.81		.41
<b>Gulf States:</b>						
Atlanta, Ga.....	68	10		.78		.48
Tampa, Fla.....	76	4		.73		.73
Pensacola, Fla.....	73	5		.78		.78
Mobile, Ala.....	74	4		1.00		1.00
Montgomery, Ala.....	73	5		.89		.89
Vicksburg, Miss.....	72	6		1.09		.69
New Orleans, La.....	75	3		1.07		1.07
Shreveport, La.....	74	4		.91		.11
Fort Smith, Ark.....	68	6		1.05	2.25	
Little Rock, Ark.....	68	6		1.33	2.37	
Palestine, Tex.....	70	8		1.34	1.56	
Galveston, Tex.....	76	2		.91		.91
San Antonio, Tex.....	74	6		.70		.70
Corpus Christi, Tex.....	75	3		.82		.82
<b>Ohio Valley and Tennessee:</b>						
Memphis, Tenn.....	71	5		.92	1.88	
Nashville, Tenn.....	69	7		.70	.20	
Chattanooga, Tenn.....	66	10		.91		.91
Knoxville, Tenn.....	66	10		.84		.14
Louisville, Ky.....	67	5		.79	.61	
Indianapolis, Ind.....	64	4		.98	.07	
Cincinnati, Ohio.....	65	7		.77		.77
Columbus, Ohio.....	62	6		.98		.38
Parkersburg, W. Va.....	60	10		.91		.61
Pittsburg, Pa.....	63	5		.77	.63	
<b>Lake Region:</b>						
Oswego, N. Y.....	56	3		.67	.53	
Rochester, N. Y.....	58	6		.77	.93	
Buffalo, N. Y.....	56	6		.77		.07
Erie, Pa.....	58	6		.91		.01
Cleveland, Ohio.....	59	5		.87	.03	
Sandusky, Ohio.....	59	7		.81	.19	
Toledo, Ohio.....	61	3		.77	.23	
Detroit, Mich.....	59	5		.84	.06	
Lansing, Mich.....	59	3		.78	.87	
Port Huron, Mich.....	56	4		.77	.13	
Alpena, Mich.....	50	4		.77		.27
Sault Ste. Marie, Mich.....	48	4		.49	.61	
Marquette, Mich.....	50		2	.71	.59	
Green Bay, Wis.....	54	2		.95		.65

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

Table of temperature and rainfall, week ended May 23, 1898—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	α Excess.	α Defic'ncy.	Normal.	Excess.	Deficiency.
<b>Lake Region—Continued.</b>						
Grand Haven, Mich.....	56	4	.....	.80	.90	.....
Milwaukee, Wis.....	54	4	.....	.84	.06	.....
Chicago, Ill.....	57	3	.....	.84	.16	.....
Duluth, Minn.....	48	.....	.....	.88	.22	.....
<b>Upper Mississippi Valley:</b>						
St. Paul, Minn.....	59	.....	1	.77	1.33	.....
La Crosse, Wis.....	61	1	.....	.77	.....	.07
Dubuque, Iowa.....	61	1	.....	.95	1.75	.....
Davenport, Iowa.....	62	4	.....	1.02	1.48	.....
Des Moines, Iowa.....	61	5	.....	1.10	.....	.00
Keokuk, Iowa.....	64	4	.....	.91	2.89	.....
Hannibal, Mo.....	65	3	.....	1.15	.25	.....
Springfield, Ill.....	63	3	.....	1.19	1.21	.....
Cairo, Ill.....	68	4	.....	.91	.79	.....
St. Louis, Mo.....	67	5	.....	1.05	.85	.....
<b>Missouri Valley:</b>						
Columbia, Mo.....	63	5	.....	.36	.14	.....
Springfield, Mo.....	62	8	.....	1.42	.78	.....
Kansas City, Mo.....	65	5	.....	1.06	.....	.16
Topeka, Kans.....	63	5	.....	1.26	.....	.56
Wichita, Kans.....	63	7	.....	.96	.....	.76
Concordia, Kans.....	62	6	.....	1.04	.....	.24
Lincoln, Nebr.....	62	4	.....	1.01	.69	.....
Omaha, Nebr.....	63	2	.....	1.00	1.10	.....
Sioux City, Iowa.....	.....	.....	.....	.77	1.93	.....
Yankton, S. Dak.....	61	1	.....	1.00	1.00	.....
Valentine, Nebr.....	58	.....	4	.63	2.07	.....
Huron, S. Dak.....	56	0	.....	.70	1.60	.....
Pierre, S. Dak.....	57	.....	1	.51	1.39	.....
Moorhead, Minn.....	54	0	.....	.56	1.04	.....
Bismarck, N. Dak.....	56	.....	2	.56	1.54	.....
Williston, N. Dak.....	54	2	.....	.45	.....	.15
<b>Rocky Mountain Region:</b>						
Havre, Mont.....	55	.....	1	.35	.45	.....
Helena, Mont.....	53	.....	3	.38	.62	.....
Miles City, Mont.....	57	3	.....	.54	.....	.14
Rapid City, S. Dak.....	54	0	.....	.86	.24	.....
Spokane, Wash.....	58	.....	4	.35	.....	.05
Wallawalla, Wash.....	62	.....	4	.35	.95	.....
Baker City, Oreg.....	53	.....	5	.42	.18	.....
Winnemucca, Nev.....	55	.....	7	.21	.49	.....
Idaho Falls, Idaho.....	54	.....	6	.28	.52	.....
Salt Lake City, Utah.....	58	.....	6	.39	.81	.....
Lander, Wyo.....	53	.....	3	.59	.....	.49
Cheyenne, Wyo.....	52	.....	4	.52	.....	.22
North Platte, Nebr.....	60	.....	2	.63	1.57	.....
Denver, Colo.....	58	.....	3	.65	.....	.35
Pueblo, Colo.....	59	.....	1	.40	.....	.10
Dodge City, Kans.....	64	2	.....	.77	.....	.27
Oklahoma, Okla.....	69	.....	.....	1.36	.04	.....
Amarillo, Tex.....	65	3	.....	.49	.....	.39
Abilene, Tex.....	72	4	.....	.84	.....	.84
Santa Fe, N. Mex.....	56	.....	4	.28	.....	.23
El Paso, Tex.....	72	.....	2	.14	.....	.14
Phoenix, Ariz.....	76	.....	4	.00	.....	.00
<b>Pacific Coast:</b>						
Seattle, Wash.....	56	.....	4	.42	.18	.....
Tacoma, Wash.....	55	.....	3	.53	.47	.....
Fort Canby, Wash.....	53	.....	3	.63	.77	.....
Portland, Oreg.....	58	.....	6	.55	.15	.....
Roseburg, Oreg.....	58	.....	8	.42	.48	.....
Eureka, Cal.....	54	.....	4	.68	.22	.....
Redbluff, Cal.....	69	.....	9	.28	.62	.....
Carson City, Nev.....	56	.....	6	.14	.....	.14
Sacramento, Cal.....	65	.....	7	.18	.....	.06
San Francisco, Cal.....	57	.....	5	.11	.....	.01
Fresno, Cal.....	70	.....	3	.07	.....	.07
San Luis Obispo, Cal.....	59	.....	3	.07	.....	.07
Los Angeles, Cal.....	63	.....	5	.07	.....	.07
San Diego, Cal.....	61	.....	3	.07	.03	.....
Yuma, Ariz.....	79	.....	7	.00	.....	.00

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

# FOREIGN.

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

*Cholera, yellow fever, plague, and smallpox as reported to the Supervising Surgeon-General United States Marine-Hospital Service, January 1 to May 27, 1898.*

## CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>India:</b>				
Bombay .....	Nov. 24-Nov. 30.....		4	
	Dec. 1-Mar. 1.....		55	
	Mar. 2-Mar. 29.....		11	
	Mar. 30-Apr. 19.....		9	
Calcutta.....	Nov. 14-Dec. 4.....		42	
	Dec. 5-Jan. 1.....		31	
	Jan. 2-Jan. 29.....		28	
	Jan. 30-Feb. 26.....		82	
	Feb. 27-Mar. 26.....		95	
	Mar. 27-Apr. 9.....		80	
Madras.....	Nov. 20-Dec. 10.....		8	
	Dec. 4-Dec. 31.....		11	
	Jan. 1-Jan. 28.....		45	
	Jan. 29-Apr. 15.....		34	
Singapore.....	Nov. 1-Nov. 30.....		1	
	Dec. 1-Dec. 31.....		1	
	Mar. 1-Mar. 31.....		1	
<b>Japan:</b>				
Kanagawa Ken.....	Mar. 24-Apr. 23.....	4	2	
Osaka and Hiogo.....	Mar. 26-Apr. 9.....	2	1	
Tokyo Fu.....	Apr. 11-Apr. 28.....	4	2	

## YELLOW FEVER.

<b>Brazil:</b>				
Bahia.....	Dec. 27.....	3	2	Taken off of Nor. bk. Adonis.
	Dec. 29.....	6		
Ceara.....	Nov. 1-Nov. 30.....		1	
Para.....	Dec. 12-Jan. 1.....		24	
	Jan. 2-Jan. 15.....		22	
	Jan. 16-Feb. 28.....		30	
Ribeirao Bonito.....	Feb. 1-Feb. 28.....	79	19	
Rio de Janeiro.....	Nov. 21-Dec. 4.....	1		
	Dec. 5-Jan. 1.....	8	3	
	Jan. 1-Jan. 29.....	22	17	
	Jan. 30-Apr. 8.....		434	
Sao Carlos de Pinhal.....	Feb. 28.....	46	11	Yellow fever reported.
Santos.....	Jan. 2-Jan. 8.....	1	1	
	Jan. 23-Jan. 29.....	3		
	Jan. 30-Feb. 28.....	21	3	
Sao Paulo.....	Feb. 1-Feb. 28.....	2	1	
<b>Cuba:</b>				
Cienfuegos.....	Dec. 20-Jan. 2.....		2	
	Jan. 3-Jan. 23.....		1	
Habana.....	Dec. 17-Dec. 30.....		6	
	Dec. 31-Jan. 27.....		9	
	Jan. 28-Feb. 17.....		3	
	Mar. 4-Mar. 31.....		4	
Manzanillo.....	Dec. 1-Dec. 31.....		28	
	Jan. 1-Jan. 31.....		9	
	Feb. 14-Feb. 28.....		3	
Matanzas.....	Dec. 15-Jan. 19.....		4	
	Feb. 9-Feb. 23.....		2	
Regla.....	Dec. 31-Feb. 28.....		7	
	Mar. 1-Mar. 24.....		2	
Sagua la Grande.....	Dec. 18-Jan. 20.....			A few cases of yellow fever, but impossible to obtain statistics.
Santiago de Cuba.....	Dec. 19-Jan. 29.....		6	
<b>Jamaica:</b>				
Kingston.....	Dec. 19-Jan. 1.....	1	1	
	Jan. 2-Jan. 31.....		2	
	Feb. 5-Feb. 19.....	2	1	
	Dec. 19-Jan. 1.....	1		
	Feb. 27-Mar. 5.....	1	1	
St. Catherine.....	Dec. 19-Jan. 1.....	1		
St. Elizabeth.....	Dec. 19-Jan. 1.....	1	1	



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

## PLAGUE.

Places.	Date.	Cases.	Deaths.	Remarks.
Arabia:				
Djiddah.....	Mar. 25-Apr. 10...		29	
China:				
Canton.....	Mar. 22-Apr. 5...	10		
Hongkong.....	Nov. 7-Nov. 20...	2	2	
	Dec. 18-Jan. 1...	2	2	
	Jan. 2-Jan. 29...	6	5	
	Jan. 30-Feb. 26...	64	56	
	Feb. 27-Apr. 5...	147	122	
Macao.....	Apr. 9.....			Smallpox reported.
India:				
Bombay.....	Nov. 24-Nov. 30...		70	
	Dec. 1-Feb. 8...		4,833	
	Feb. 9-Mar. 1...		3,436	
	Mar. 2-Mar. 29...		4,579	
	Mar. 30-Apr. 19...		1,781	
Calcutta.....	May 3.....			Plague reported. "Sporadic."
Japan:				
Taiwan (Formosa).....	Dec. 28-Apr. 28...	505	84	
Yokohama.....	Mar. 1-Apr. 11...	2	1	
Russia:				
St. Petersburg.....	Mar. 26-Apr. 2...		1	

## SMALLPOX.

Bohemia:				
Prague.....	Dec. 12-Jan. 1...	11		
	Jan. 2-May 7...	149		
British Columbia:				
Victoria.....	May 9.....	1		
Brazil:				
Ceara.....	Mar. 1-Mar. 31...		10	
Pernambuco.....	Dec. 1-Dec. 25...		8	
Rio de Janeiro.....	Nov. 21-Dec. 4...	10		
	Dec. 5-Jan. 1...	9	1	
	Jan. 1-Apr. 8...	2	1	
Sao Paulo.....	Feb. 1-Feb. 28...	24	4	
Sorocaba.....	Dec. 16-Jan. 30...	32	10	
Canada:				
Maisonneuve.....	Jan. 26-Feb. 16...	3		
Montreal.....	Jan. 3-Jan. 12...	3	0	
	Feb. 11-Feb. 16...	1		
China:				
Hongkong.....	Nov. 7-Dec. 4...	6	4	
	Dec. 5-Jan. 1...	11	8	
	Jan. 2-Apr. 2...	179	107	
Cuba:				
Cardenas.....	Dec. 19-Jan. 22...		5	
	Mar. 6-Mar. 27...		8	
Cienfuegos.....	Dec. 20-Jan. 2...		7	
	Jan. 3-Jan. 23...		19	
	Feb. 7-Feb. 27...		35	
	Feb. 28-Apr. 3...		9	
Habana.....	Dec. 17-Apr. 7...		154	
Matanzas.....	Jan. 20-Feb. 23...		8	
Regla.....	Feb. 18-Apr. 7...		3	
Sagua la Grande.....	Dec. 19-Jan. 29...	233	29	
	Jan. 30-Feb. 26...	470	35	
	Feb. 27-Apr. 4...	437	26	
England:				
Bristol.....	Feb. 6-Feb. 19...	1		
Leeds.....	Mar. 19-Apr. 9...	6	4	
Liverpool.....	Jan. 15-Jan. 29...	3		
	Feb. 1-Apr. 2...	6		
London.....	Feb. 27-Mar. 26...	4		
Middlesborough.....	Feb. 9.....	90		
Newcastle on Tyne.....	Mar. 19-May 7...	9	1	
Southampton.....	Jan. 8-Feb. 12...	2		
Sunderland.....	Dec. 18-Jan. 8...	1		
	Feb. 27-Mar. 26...	4		
West Hartlepool.....	Jan. 9-Jan. 22...	5		
Germany:				
Hamburg.....	Mar. 6-Mar. 12...	2		
Gibraltar.....	Dec. 6-Dec. 12...	1		
	Dec. 27-Apr. 3...	6		
India:				
Bombay.....	Feb. 9-Apr. 19...		21	
Calcutta.....	Dec. 19-Dec. 25...		1	
	Jan. 30-Apr. 9...		26	

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

## SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>India—Continued.</b>				
Madras.....	Nov. 27-Dec. 3...	.....	1	
	Dec. 4-Dec. 31...	.....	3	
	Jan. 1-Jan. 28...	.....	6	
	Jan. 29-Feb. 4...	.....	6	
	Feb. 5-Apr. 15...	.....	63	
	Mar. 1-Mar. 31...	.....	1	
Singapore .....				
<b>Italy:</b>				
Messina.....	Dec. 12-Jan. 8...	.....	5	
	Jan. 30-Apr. 16...	.....	3	
<b>Japan:</b>				
Aichi Ken.....	Dec. 28-Apr. 28...	8	1	
Akita Ken.....	Dec. 28-Apr. 10...	15	4	
Awomori Ken.....	Dec. 28-Apr. 28...	48	4	
Chiba Ken.....	Dec. 28-Apr. 10...	9	.....	
Formosa.....	Feb. 4-Mar. 3...	7	4	
Fukui Ken.....	Dec. 28-Feb. 3...	1	.....	
Fukuoka Ken.....	Mar. 24-Apr. 28...	3	.....	
Fukushima Ken.....	Dec. 28-Apr. 28...	119	27	
Gifu Ken.....	Feb. 4-Feb. 22...	1	.....	
Gumma Ken.....	Feb. 4-Feb. 22...	1	.....	
Hiroshima Ken.....	Jan. 22-Feb. 3...	1	.....	
Iwate Ken.....	Dec. 28-Apr. 28...	42	4	
Kagushima Ken.....	Feb. 4-Feb. 22...	1	.....	
Kanagawa Ken.....	Dec. 28-Jan. 21...	3	.....	
Kochi Ken.....	Dec. 28-Jan. 21...	1	.....	
Miyagi Ken.....	Dec. 17-Dec. 27...	2	3	
	Dec. 28-Apr. 28...	94	23	
Miyazaki Ken.....	Jan. 22-Feb. 3...	3	1	
Nagano Ken.....	Feb. 4-Mar. 23...	9	5	
Nagasaki Ken.....	Jan. 22-Mar. 23...	4	1	
Niigata Ken.....	Mar. 4-Mar. 23...	4	1	
Okayama Ken.....	Feb. 4-Apr. 10...	3	1	
Osaka Fu.....	Dec. 28-Apr. 10...	3	.....	
Oyama Ken.....	Mar. 4-Mar. 23...	1	1	
Saitama Ken.....	Dec. 17-Dec. 27...	1	.....	
Tochigo Ken.....	Mar. 24-Apr. 10...	1	.....	
Tokyo Fu.....	Dec. 28-Mar. 23...	6	.....	
Yamagata Ken.....	Jan. 22-Apr. 28...	36	8	
Yamaguchi Ken.....	Feb. 4-Apr. 28...	10	1	
Yamanashi Ken.....	Mar. 24-Apr. 28...	5	1	
Yehime Ken.....	Dec. 17-Apr. 10...	59	13	
The Hokkaido.....	Dec. 17-Dec. 27...	70	26	
	Dec. 28-Apr. 28...	396	104	
<b>Mexico:</b>				
Nogales.....	May 13.....	4	.....	
<b>Norway:</b>				
Christiania.....	Mar. 20-Apr. 30...	14	2	
<b>Netherlands:</b>				
Amsterdam.....	Dec. 12-Dec. 24...	1	.....	
Rotterdam.....	Dec. 12-Dec. 31...	3	1	
	Jan. 1-Jan. 29...	1	.....	
<b>Russia:</b>				
Moscow.....	Nov. 23-Dec. 4...	1	1	
	Dec. 5-Dec. 11...	1	1	
	Jan. 1-Apr. 30...	46	11	
Odessa.....	Dec. 5-Jan. 1...	53	9	
	Jan. 2-Jan. 29...	34	7	
	Jan. 30-Apr. 30...	70	10	
St. Petersburg.....	Dec. 4-Dec. 25...	35	13	
	Jan. 9-Jan. 29...	56	19	
	Jan. 30-Apr. 30...	.....	48	
Warsaw.....	Dec. 19-Apr. 30...	.....	110	
<b>Scotland:</b>				
Edinburgh.....	Apr. 16-Apr. 30...	2	.....	
Glasgow.....	Dec. 5-Dec. 25...	3	1	
Leith.....	Apr. 3-Apr. 30...	2	1	
<b>Spain:</b>				
Corunna.....	Jan. 1-Feb. 5...	.....	2	
Madrid.....	Dec. 22-Dec. 28...	.....	1	
	Feb. 8-Apr. 6...	.....	3	
<b>Turkey:</b>				
Constantinople.....	Jan. 10-Feb. 6...	.....	53	
	Feb. 28-Apr. 24...	.....	58	
<b>Uruguay:</b>				
Montevideo.....	Dec. 25-Mar. 19...	5	.....	
<b>Venezuela:</b>				
Puerto Cabello.....	Apr. 2-Apr. 11...	23	6	
Valencia.....	Apr. 2-Apr. 11...	54	.....	
<b>Wales:</b>				
Cardiff.....	Dec. 18-Dec. 24...	1	.....	

[Translated in this Bureau from report of sanitary officer at Djiddah.]

*Weekly bulletin of plague at Djiddah since March 22.*

1898: March 22, 2 cases, no deaths; March 23, no cases, 3 deaths; March 24, 10 cases, 7 deaths; March 25, no cases, 1 death; March 26, no cases, no deaths; March 28, no cases, 2 deaths; total, 12 cases, 13 deaths.

1898: March 29, 1 case, 2 deaths; March 30, 1 case, no deaths; March 31, no cases, 3 deaths; April 1, no cases, no deaths; April 2, no cases, 2 deaths; April 3, no cases, no deaths; April 4, no cases, 1 death; total, 2 cases, 8 deaths.

1898: April 5, no cases, 1 death; April 6, no cases, 1 death; April 7, no cases, 1 death; April 8, no cases, no deaths; April 9, 1 case, no deaths; April 10, no cases, 3 deaths; April 11, 2 cases, 2 deaths; total, 3 cases, 8 deaths. Grand total, 17 cases, 29 deaths.

BELGIUM.

*National health organization.*

DEPARTMENT OF STATE,  
*Washington, D. C., May 23, 1898.*

SIR: Referring to your letter of February 25 last, asking this Department to obtain for your use information concerning the national health organizations of certain foreign countries, I have the honor, by direction of the Secretary of State, to inclose for your information copy of a dispatch from our minister at Brussels on the subject.

Respectfully, yours,

J. B. MOORE,  
*Assistant Secretary.*

HON. SECRETARY OF THE TREASURY.

[Inclosure No. 110.]

LEGATION OF THE UNITED STATES,  
*Brussels, May 10, 1898.*

SIR: Referring to your unnumbered instruction of the 7th day of March last, I have the honor to state that I have procured a series of pamphlets in which will be found full and complete information on the national health organization of Belgium, requested for the use of the Surgeon-General of our Marine-Hospital Service. These pamphlets, which I forward to the Department under separate cover, are as follows:

No. 1. A short memoir on the national health organization of Belgium up to 1884, containing a clear and concise summary of the legislation governing the matter.

No. 2. An historical description of the public hygiene of Belgium since 1830. In Chapter II of this pamphlet will be found a summary of the national health organization up to the present time, and the relations existing between it and the municipal organizations.

No. 3. An official publication freely distributed to the public by the government in order to combat contagious diseases.

No. 4. A revision and comparison of the regulations governing the organization of the medical committees forming the provincial system of hygiene which are directly subordinated to the general government.

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

BELLAMY STOREE.

HON. SECRETARY OF STATE.

BRITISH COLUMBIA.

*Case of smallpox at Victoria, British Columbia.*

PORT TOWNSEND QUARANTINE,  
*Port Townsend, Wash., May 16, 1898.*

SIR: I have the honor to inclose a copy of a letter from Dr. A. T. Watt, superintendent of British Columbia Quarantines, conveying the information that 1 case of smallpox was discovered in Victoria, British Columbia, on the 9th ultimo and isolated at once, and that no further case has been found and no source for the contagion.

Respectfully, yours,

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

[Inclosure.]

DOMINION OF CANADA.

OFFICE OF SUPERINTENDENT OF BRITISH COLUMBIA QUARANTINES,  
*Victoria, British Columbia, May 15, 1898.*

DEAR DOCTOR: In answer to your inquiry in regard to smallpox in Victoria in your letter of 3d instant, I have to say that 1 case of smallpox is at present in the isolation hospital in Victoria. The case was discovered April 9. They were taking the patient out into the country in a box when the horse ran away, upsetting the wagon and causing the man to yell lustily. This brought the police, and the Chinaman was found to have smallpox. No source has been discovered. The man had been in the county four years. No other cases have developed so far as known.

I have the honor to be, yours, faithfully,  
S. D. BROOKS, Esq.,  
*Passed Assistant Surgeon, U. S. M. H. S., Port Townsend.*

A. T. WATT.

DANISH WEST INDIES.

*Quarantine against Puerto Cabello on account of smallpox.*

DEPARTMENT OF STATE,  
*Washington, D. C., May 23, 1898.*

SIR: By direction of the Secretary of State, I have the honor to inclose for your information copy of a dispatch from our minister at Copenhagen, reporting that quarantine has been declared by the Danish West Indies against Puerto Cabello.

Respectfully, yours,

J. B. MOORE,  
*Assistant Secretary.*

HON. SECRETARY OF THE TREASURY.

[Inclosure—No 37.]

LEGATION OF THE UNITED STATES,  
*Copenhagen, May 6, 1898.*

SIR: I have the honor to inform you that the Government of the Danish West Indies has declared a quarantine of fifteen days against ships arriving at Puerto Cabello on account of the appearance of smallpox at that port.

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

LAURITS S. SWENSON.

HON. SECRETARY OF STATE.

## INDIA.

*Quarantine against Chinese ports on account of plague.*

CONSULATE-GENERAL OF THE UNITED STATES,  
*Calcutta, April 14, 1898.*

SIR: Inclosed herewith I have the honor to transmit, for the information of the Department, copy of a notification issued by the Government of Bengal Marine Department, enforcing quarantine against the following ports in China, viz: Hongkong, Macao, and Canton.

I am, sir, your obedient servant,

R. F. PATTERSON,  
*Consul-General.*

HON. ASSISTANT SECRETARY OF STATE.

[Inclosure—No. 781 Marine.]

MARINE DEPARTMENT, *Calcutta, April 9, 1898.*

SIR: Hongkong, Macao, and Canton having been declared infected with plague, I am directed to state that the officers concerned have been instructed to strictly enforce the rules for quarantine which were issued by this department under notification No. 160 Marine, dated August 24, 1897, against vessels arriving from those ports.

A copy of the notification referred to above was forwarded to you with this department No. 1615, March 27, 1898.

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

T. H. CLOWES,  
*Under Secretary.*

The CONSUL-GENERAL FOR AMERICA.

## JAPAN.

*Sanitary report from Yokohama.*

YOKOHAMA, JAPAN, *April 29, 1898.*

SIR: I have the honor to forward herewith my regular report of infectious diseases in Japan for period April 11 to April 28, inclusive.

The existence of a few cases of cholera in Tokyo and Yokohama is now admitted. They are, however, apparently without connection with each other, and, so far, there is no evidence of tendency to become epidemic.

The single case of plague returned from Nagasaki was that of a Chinese on British steamship *Rohilla*, from Hongkong to Japanese ports, and was detected at quarantine on the 21st instant, the patient dying in hospital on the 23d. No transmission of infection appears to have occurred. This is the sixth or seventh instance of the detection of plague at Japanese quarantine stations since the first outbreak of the disease at Hongkong in 1894, and in every case the precautions taken have been successful in limiting the spread of the malady.

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

STUART ELDRIDGE, M. D.,  
*Sanitary Inspector, U. S. M. H. S.*

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

[Inclosure.]

*Report of infectious disease in Japan from April 11 to April 28, 1898.*

Locality.	Plague.		Cholera.		Dysentery.		Smallpox.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Kioto Fu.....					1	1		
Osaka Fu.....					2			
Tokyo Fu.....			4	2	3			
Aichi Ken.....					5	2	4	1
Akita Ken.....					2	2		
Awamori Ken.....					1		14	3
Chiba Ken.....								
Fukui Ken.....								
Fukuoka Ken.....					2		2	
Fukushima Ken.....							11	4
Gifu Ken.....					1	1		
Gumma Ken.....					2	2		
Hiogo Ken.....								
Hiroshima Ken.....								
Ibaraki Ken.....								
Ishikawa Ken.....								
Iwate Ken.....							5	1
Kagawa Ken.....								
Kagoshima Ken.....					2			
Kanagawa Ken.....			2	1	7	1		
Kochi Ken.....								
Kumamoto Ken.....								
Miyagi Ken.....					4	1	22	5
Miyazaki Ken.....								
Miye Ken.....								
Nagano Ken.....								
Nagasaki Ken.....	(a) 1	1						
Nara Ken.....								
Niigata Ken.....					1			
Oita Ken.....					2	1		
Okayama Ken.....								
Okinawa Ken.....								
Saga Ken.....								
Saitama Ken.....					6			
Shizuoka Ken.....					4	2		
Shiga Ken.....								
Shimane Ken.....								
Tochigi Ken.....								
Tokushima Ken.....								
Tottori Ken.....								
Toyama Ken.....					1			
Wakayama Ken.....								
Yamagata Ken.....							2	
Yamaguchi Ken.....							1	1
Yamanashi Ken.....					2	1	3	1
Yehime Ken.....								
The Hokkaido.....							19	6
Taiwan (Formosa).....	246	?						
Total.....								

a Case from Hongkong steamship in quarantine.

MOROCCO.

*Regulations against plague.*

DEPARTMENT OF STATE,  
Washington, D. C., May 16, 1898.

SIR: I have the honor to inclose for your information a copy of a dispatch from the consul-general at Tangier in regard to the steps which are being taken to keep the plague out of Morocco.

Respectfully, yours,

THOS. W. CRIDLER,  
Third Assistant Secretary.

Hon. SECRETARY OF THE TREASURY.

[Inclosure No. 1.]

CONSULATE-GENERAL OF THE UNITED STATES,  
*Tangier, April 27, 1898.*

SIR: I have the honor to acknowledge the receipt of your instruction No. 31 of the 6th instant, relative to the issuance of health certificates by the consular agent at Mogador. According to my information from Mr. Burke and from leading shippers, the practice of taking out these certificates to accompany shipments of goat skins or hides to the United States has prevailed at this and other Moorish ports for many years. It existed long prior to the epidemic of cholera here, three years ago. I do not find that they are required with similar shipments to other countries, and some time ago I informed the principal shipper here that I knew of no reason for their issuance. He preferred, however, to take them out, and although I have acquainted him with the Department's present instruction, he still expresses the desire to do so until his consignees direct him otherwise. He tells me that while making a shipment some months ago via Gibraltar and the Anchor Line, the agent at Gibraltar wrote him to send such a certificate.

I have now notified all consular agents at ports from which shipments are made that certificates that the port of shipment is free from cholera or other contagious or cattle diseases are no longer required by the Government of the United States with shipments of goatskins or hides, and I have directed them to so inform shippers. I have added that if shippers desire a certificate for any reason of their own, they may take them out, but that is optional with them. I will likewise inform shippers at this port.

In this connection I have the honor to report that the necessity for circumspection in connection with the receipt of goat skins and hides into the United States from Morocco may soon arise. Since the appearance of the plague at Djiddah the diplomatic corps here have strenuously endeavored to persuade the Moorish Government to prohibit the annual pilgrimage to Mecca this year, but without avail. Last year, in deference to the representation of the corps, the Government did prohibit the pilgrimage, but it has refused to do so this year. The grand vizier says that "the pilgrimage is one of the great essential precepts of religion and ordained by divine law, and neither the Makhzen (Moorish Government) nor anybody can interfere with the shra so as to deny the divine ordinances being followed by their adherents." And he adds, that "although they (the Moors) may be fully aware that one of them going thither will never return, and that death would result to all of them, yet they would desire it and seek it, willingly spending their money and sacrificing themselves in obeying the divine law in joy and gladness."

At the same time the grand vizier expressed a willingness to consider the establishment of a quarantine station for returning pilgrims, and negotiations with respect thereto are now proceeding. The diplomatic corps, acting as a sanitary council under certain rights and privileges heretofore granted them by the Moorish Government, have decided to put in force from May 1 next the regulations of 1896 respecting the arrival of Mohammedan travelers at Moorish ports. I inclose a copy of the same herewith. If the plague should prevail to any extent among the Mohammedan pilgrims, notwithstanding the precautions taken, there is danger of its introduction into Morocco. Some pilgrims go overland and such a pilgrimage is counted as more meritorious.

The Italian Government has already forbidden the importation into Italy of any skins or hides from Morocco or other Bombay states, as a precautionary measure. The other governments have not done so, nor can I see any present necessity for such a precaution, as the pilgrims have not yet begun to return, and there is no suspicion of the plague here at present. I will keep the Department informed of any new developments.

I am, sir, your obedient servant,

FRANK C. PARTRIDGE,  
*United States Consul-General.*

Hon. ASSISTANT SECRETARY OF STATE.

[Inclosure No. 2—Dispatch No. 37.]

REGULATIONS CONCERNING THE ARRIVAL OF PILGRIMS AT THE MOORISH PORTS.

Article 1. Vessels having pilgrims on board, that is to say, native Arabs who have made the voyage to Mecca at the end of the Mussulman year which precedes that in which they return to Morocco, will be sent to the lazaretto of Mogador Island, where the pilgrims will disembark to be submitted to a quarantine of observation and disinfection.

Art. 2. Vessels bringing a number of pilgrims under 25, will not be sent to the Mogador Island, but the pilgrims will be submitted, in each case, they and their baggage, to a disinfection, and the sanitary council besides reserves to itself the right of submitting them to a quarantine of observation.

Art. 3. All Arabs and natives who arrive at Morocco in the course of the first five

months of the Mussulman year will be considered and treated as pilgrims, unless they are able to prove that they have not been at Mecca at the end of the preceding Mussulman year. Those pilgrims who have been admitted into the town of Gibraltar or a Spanish port, will be exempt from the above, providing they prove this fact by a certificate from the authorities thereof.

Art. 4. To facilitate the control, the sanitary delegate at Tangier will deliver gratuitously to each Moor who should go to Gibraltar, Algeciras, or Cadiz, during the first five months of the year, a personal pass available only for his journey to and from the port, which pass must be delivered to the sanitary delegate on the bearer's return.

Art. 5. The expenses caused by the measures mentioned in Art. 2 will be defrayed by those interested, viz, the shipping companies.

Art. 6. The present rule does not abrogate that of October 24, 1892, which remains in vigor for all dispositions that are not in contradiction with the preceding articles.

BUSSCHE, *President*.

TANGIER, *September 17, 1896*.

#### STATISTICAL REPORTS.

**BRAZIL—Ceara.**—Month of March, 1898. Estimated population, 50,000. Total deaths, 149, including 10 from smallpox.

Month of April, 1898. Total deaths, 138. No deaths reported from contagious diseases.

**FRANCE—Roubaix.**—Month of April, 1898. Estimated population, 125,000. Total deaths, 205, including enteric fever, 1; measles, 6, and whooping cough, 1.

**GREAT BRITAIN—England and Wales.**—The deaths registered in 33 great towns in England and Wales during the week ended May 7 correspond to an annual rate of 18.4 a thousand of the aggregate population, which is estimated at 11,218,378. The highest rate was recorded in Liverpool, viz, 30.0, and the lowest in Cardiff, viz, 10.3.

*London.*—One thousand four hundred and eighty-five deaths were registered during the week, including measles, 107; scarlet fever, 13; diphtheria, 39; whooping cough, 70; enteric fever, 7, and diarrhea and dysentery, 10. The deaths from all causes correspond to an annual rate of 17.2 a thousand. In greater London 1,951 deaths were registered, corresponding to an annual rate of 15.9 a thousand of the population. In the "outer ring" the deaths included 27 from measles, 14 from diphtheria, and 17 from whooping cough.

*Ireland.*—The average annual death rate represented by the deaths registered during the week ended May 7 in the 23 principal town districts of Ireland was 25.6 a thousand of the population. The lowest rate was recorded in Carrickfergus, viz, 5.8, and the highest in Newtownards, viz, 39.7 a thousand. In Dublin and suburbs 164 deaths were registered, including enteric fever, 3; whooping cough, 3, and diphtheria, 1.

*Scotland.*—The deaths registered in 8 principal towns during the week ended May 7 correspond to an annual rate of 21.7 a thousand of the population, which is estimated at 1,568,536. The lowest mortality was recorded in Leith, viz, 17.7, and the highest in Perth, viz, 34.0 a thousand. The aggregate number of deaths registered from all causes



was 654, including measles, 27; scarlet fever, 4; diphtheria, 1, and whooping cough, 29.

INDIA—*Singapore*.—Month of March, 1898. Estimated population, 56,000. Total deaths, 508, including phthisis pulmonalis, 105; cholera, 1, and beriberi, 61.

JAMAICA.—Three weeks ended April 30, 1898. Estimated population, 644,865. Total number of deaths not reported. The deaths included 2 from enteric fever.

*Kingston*.—Month of April, 1898. Estimated population, 34,314. Total deaths, 152, including phthisis pulmonalis, 14; enteric fever, 5, and diphtheria, 1.

NICARAGUA—*San Juan del Norte*.—Three weeks ended April 31, 1898. Estimated population, 1,156. Total deaths, 6. No deaths from contagious diseases.

UNITED STATES OF COLOMBIA—*Barranquilla*.—Month of April, 1898. Estimated population, 40,000. Total deaths, 83, including 3 from enteric fever.

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.		
Acapulco	May 8	5,000	5											
Amherstburg	May 14	2,300	0											
Amsterdam	May 7	506,277	168					1						
Belfast	do	304,610	164					4	2	2	3		2	4
Belleville	May 15	10,899	4											
Belize	May 13	13,000	8											
Birmingham	May 7	506,772	175					1	1	1	1		5	
Bluefields	do	3,000	2											
Bombay	Apr. 19	550,000	α 1,202	5		2						8		
Bradford	May 7	231,260	74							1	6	1		
Bristol	do	316,900	94					1	6	6	2			
Brussels	Apr. 30	531,024	188					1	1	3	1	2		2
Budapest	do	640,000												
Calcutta	Apr. 9	681,560	404	37		2					1	2		
Cardiff	May 7	177,770	44								2	3		
Catania	May 5	120,000	52				1				1			
Cognac	May 9	20,000	3											
Colombo	Apr. 9	130,000	97					5				1	1	
Copenhagen	Apr. 30	351,000	160								1			9
Crefeld	May 7	110,000	25											
Demerara	Mar. 5	86,250	63											
Do	Mar. 12	86,250	56											
Do	Mar. 19	86,250	53											
Do	Mar. 26	86,250	46											
Dublin	May 7	350,000	164					1	2					
Dundee	do	164,575	73									1		
Edinburgh	do	295,628	116					1	1			1	2	
Flushing	do	17,183	5											
Frankfort on the Main	do	245,000	103								1			
Ghent	do	161,125	77									1		
Gibraltar	May 1	25,900	9											
Girgenti	Apr. 30	24,428	12											
Glasgow	May 7	724,349	317											
Gothenburg	do	119,764	39					4	1	1	23		18	
Halifax	May 14	38,700	9											
Havre	Apr. 30	119,470	56					1			1		1	
Hongkong	Apr. 2	261,258	δ 142			7		2						
Kingston	May 20	18,800	8											
Leeds	May 7	416,618	146							3	1	2	3	
Leighorn	May 8	104,063	41											
Leipzig	May 7	422,071	139					1	1	1	1			
Leith	do	76,277	26											1
Licata	Apr. 30	20,000	10					1						
Liege	do	166,110	37					1				1		
Do	May 7	166,110	40					1						
Liverpool	do	647,489	323				2	3	5	2	5	5	14	
Livingston	do	2,000	1											
London	Apr. 30	6,408,321	1,951					7	13	53	134		87	
Madras	Apr. 8	452,518	317	2		8								
Do	Apr. 15	452,518	343	1		7								
Mannheim	May 7	107,853	41											
Manchester	do	541,296	205					3	1	2	6	5		
Matamoros	May 13	16,304	5											
Mayence	May 7	76,984	26											
Messina	do	107,000	31											
Montevideo	May 2	215,061	53											
Do	May 9	215,061	50					1						
Do	May 16	216,061	59					1						
Moscow	Apr. 30	1,000,000	529		1			1	16	10	11		1	
Munich	Apr. 23	430,000	215					1	1	1			3	
Do	Apr. 30	430,000	215					1	1	1			3	
New Castle on Tyne	May 7	223,000	89						1	1	3	7		
Odesa	Apr. 30	383,000	156					1				1		
Palermo	do	273,000	127											
Plymouth	May 7	99,136	29											1
Prague	Apr. 23	198,320	144					1	5	1	5			
Do	Apr. 30	198,320	135						3	1	3			
Do	May 7	198,320	120					1	1	1				
Puerto Cortez	May 11	2,000	0											
Quebec	May 14	72,000							2	2				

α Five hundred and forty-one deaths from plague.

δ Thirty-five deaths from plague.

## 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.	
Queenstown.....	Apr. 30.....	15,000	4										
Do.....	May 7.....	15,000	4										
Rheims.....	Apr. 16.....	108,943	51							1	7		
Do.....	Apr. 23.....	108,943	57								2		
Do.....	Apr. 30.....	108,943	56								2		3
Do.....	May 7.....	108,943	54					1			2		1
Rotterdam.....	do.....	300,171	127										
St. Georges.....	May 14.....	2,150	1					1		1	2		
St. Johns.....	Apr. 16.....	16,675	16										
Do.....	Apr. 23.....	16,675	13										
Do.....	Apr. 30.....	16,675	9										
Do.....	May 7.....	16,675	10										
St. Petersburg.....	Apr. 23.....	1,267,023	655			3	2	31	14	16	9		2
Do.....	Apr. 30.....	1,267,023	665			2	1	15	13	26	12		4
St. Stephen.....	May 14.....	3,000	0										
St. Thomas.....	Mar. 25.....	12,019	8										
Do.....	Apr. 15.....	12,019	10										
Do.....	Apr. 22.....	12,019	7										
Do.....	Apr. 29.....	12,019	8										
Schiedam.....	May 7.....	26,554	9										
Sonneberg.....	Apr. 23.....	12,400	4										
Southampton.....	Apr. 30.....	100,886	22										
South Shields.....	Apr. 23.....	98,922	40					1					
Do.....	May 7.....	98,922	32										2
Stettin.....	Apr. 30.....	150,000	54							3			
Stockholm.....	do.....	275,000	92						1	6			3
Do.....	May 7.....	275,000	.....						2	6			1
Sunderland.....	do.....	143,849	56								1		1
Tegucigalpa.....	May 1.....	12,000	4										
Trapani.....	Apr. 30.....	45,085	17										
Tuxpan.....	Apr. 9.....	10,280	5										
Do.....	Apr. 16.....	10,280	8										
Do.....	Apr. 23.....	10,280	10										
Venice.....	May 7.....	168,958	49					2		1			
Vera Cruz.....	May 12.....	30,000	31										
Warsaw.....	Apr. 30.....	601,908	305			12	4		4	4	2		1

By authority of the Secretary of the Treasury :

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