

# Public Health Reports

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## UNITED STATES.

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

### *Yellow fever at McHenry, Miss.*

The following telegram, dated McHenry, Miss., June 9, 1898, was received from Surgeon Murray, U. S. Marine-Hospital Service :

Haralson discovered 7 cases ; I came overland and confirmed ; will guard town to-night ; Carter to come to-morrow for consultation ; I notified Mobile and New Orleans ; will try to dispatch safe persons ; advisable to send people in special cars to Fontainebleau, but special train not necessary.

On the 10th Surgeon Murray further informed the Bureau that Surgeon Carter of the Marine-Hospital Service and Doctors Gil and Haralson of the State board, were hunting suspects ; that 1 new case had been discovered, making 8 in four houses on the north side of the village ; railroad inspection between New Orleans and Mobile and on the Gulfport and Ship Island Railroad, and house-to-house inspection of the villages on the road, instituted ; passenger traffic stopped, but mails and freight continued.

McHenry is a small village located on the Gulfport and Ship Island Railroad ; census of the town shows 323 white and 67 colored persons ; 30 immune, with 8 cases of yellow fever in 5 houses and 8 foci.

On the 11th a cordon was established around the town, and 8 houses specially guarded in addition, 5 of which contain the sick ; 3 are suspected of foci. Surgeon Carter proceeded to Hattiesburg to arrange train inspection and house-to-house inspection.

June 12: No new cases nor new foci; disinfection begun; all mail, including that of the 9th, fumigated.

June 13: Total number of cases of yellow fever since May 20 is 15; 1 new case on the 13th, making a total of 9 on hand at this date; no deaths. Foci of disease reduced from 8 to 6; cleaning of the town is now progressing under Dr. Haralson. Camp Fontainebleau open for refugees; State board of health of Mississippi has ordered that people entering other portions of the State from Jackson, Harrison, and Hancock counties must have certificates from Camp Fontainebleau.

June 14: Surgeon Murray left McHenry with camp train and 17 refugees for Camp Fontainebleau. No new cases. Passed Assistant Surgeon J. H. White, U. S. M. H. S., ordered to Camp Fontainebleau. Dr. J. F. Hunter, secretary Mississippi State board of health, telegraphed that the report of yellow fever at Hattiesburg and Shubuta is untrue.

June 15: No new cases, no deaths; 21 guests received at Camp Fontainebleau up to date. No report of suspicious cases at any other place in the South.

June 16: Investigation of reported suspected cases at Bond, Miss., proved report to be unfounded. The disease is confined to McHenry. No new cases. Everything looks favorable.

*Copy of correspondence relative to vessels under supervision of the naval authorities transporting refugees, etc., from infected ports.*

TREASURY DEPARTMENT,  
Washington, D. C., June 8, 1898.

SIR: I have to acknowledge receipt of your letter of May 14 stating that, in reply to the request made in my letter of May 3d, the commandant of the United States Naval Station at Key West and the Commander-in-Chief of the North Atlantic Squadron have been furnished with copies of my letter, and have been instructed to keep an outlook and to apprehend any small vessels which it is believed intend to effect a surreptitious landing on the Florida coast.

In addition to this precaution, I have to request that the proper officers of your Department be directed to forbid the transportation from Cuban, or other ports, liable to be infected with yellow fever, on any of the vessels under the supervision of the naval authorities, of any refugees, also baggage, clothing, merchandise, or other material capable of conveying infection, which is not strictly military or naval in character.

I am informed by the Surgeon-General of the Marine-Hospital Service that there is little apprehension of danger with regard to regular vessels of the Navy, but that unusual care is necessary with regard to prize vessels and auxiliary vessels which do not carry medical officers, and I have to make additional request that through the proper officers orders be given that the quarantine regulations relating to the disinfection of suspected vessels and contents, and detention in quarantine of persons who have been exposed to yellow fever be strictly complied with. This matter has been placed before Commodore Remey at Key West, who concurs in this recommendation.

I have the honor to remain, respectfully yours,

L. J. GAGE, *Secretary.*

HON. SECRETARY OF THE NAVY.

NAVY DEPARTMENT,  
Washington, D. C., June 10, 1898.

SIR: I have the honor to acknowledge the receipt of your letter of the 8th instant, requesting that orders be issued by this Department directing that the transportation of refugees, baggage, clothing, merchandise, or other material capable of conveying infection, be forbidden from Cuban or other ports liable to be infected with yellow fever, and that the quarantine regulations relating to the disinfection of suspected vessels, and the detention of persons who may have been exposed to yellow fever, be strictly complied with, and in reply, have to inform you that orders have this day been issued to the commanders-in-chief and commandants of naval stations, to comply with the suggestions contained in your letter.

Very respectfully,

CHAS. H. ALLEN,  
*Acting Secretary.*

HON. SECRETARY OF THE TREASURY.

*Unsanitary condition of U. S. S. Nichteroy (or Buffalo).*

TREASURY DEPARTMENT,  
Washington, D. C., June 13, 1898.

SIR: I am informed by the Surgeon-General of the Marine-Hospital Service that the steamer *Nichteroy* or *Buffalo*, which recently arrived at the Cape Charles Quarantine from Rio de Janeiro, has been inspected by two medical officers of the Marine-Hospital Service with a view to determining upon the safety of admitting her to Newport News for the purpose of making necessary repairs and alterations.

This vessel arrived at the quarantine in an extremely filthy condition, and has been for a number of years in the harbor at Rio, which is a harbor infected with yellow fever, this disease having been particularly violent during the past six months.

In tearing out the old woodwork from this vessel there will be danger of those engaged in this labor contracting yellow fever, and at a southern port such as Newport News or the Portsmouth Navy Yard, the danger to be apprehended from an outbreak is so great that it would be unwise to assume this risk.

The vessel should be sent to a northern port, and even there the "breaking out" should be done at a quarantine station, and the old wood should be burned and the men engaged in the work kept isolated and under observation.

Respectfully, yours,

L. J. GAGE,  
*Secretary.*

[Telegram.]

OLD POINT COMFORT, VA., June 14, 1898.

*Nichteroy* left for New York to-day.

PETTUS,  
*Passed Assistant Surgeon, U. S. M. H. S.*  
SUPERVISING SURGEON-GENERAL U. S. M. H. S.

*Case on the schooner Clara A. Phinney from Coatzacoalcas not yellow fever.*

The following copy of a letter from the United States consular agent at Coatzacoalcas, Mexico, relative to the schooner *Clara A. Phinney*, which sailed from Sabine Pass, Tex., about the 4th of April last for

Coatzacoalcos, with a seaman sick with fever, and arrived at the United States quarantine station at Ship Island, having been remanded there from Mobile with 2 cases of fever of a suspicious character, explains the facts in the case. An investigation at Sabine Pass was made in the meantime by an officer of the Marine-Hospital Service and no suspicion of yellow fever was discovered at that port.

Referring to your favor of May 12, would say that the *Clara A. Phinney* left here with all on board in good health, as was indicated by the certificate of the city health officer, on April 18. The same health officer tells me that one of the sailors had calenturas or a malarial fever while in the harbor, but that it was distinctly not yellow fever. I have interviewed, privately, every physician in the city, and every one has told me that there is no yellow fever in Coatzacoalcos, nor has there been.

I shall, however, go on board whenever it is practicable, and render report of my personal observation, together with the report of the health officer, and inform your Department of any case of suspicious sickness that may be discovered.

*Eleven cases of smallpox in Statesville, N. C.*

In response to a request from the mayor of Statesville and the secretary of the State board of health of North Carolina for the services of an officer expert in the diagnosis of variola, Passed Assistant Surgeon C. P. Wertenbaker was ordered to proceed to that place and report on the situation.

The following telegram has been received from him :

STATESVILLE, N. C., June 11, 1898.

Arrived this morning; met health officer. Examined cases; found 11 cases variola. Will see suspicious case near Moresville with county health officer this afternoon.—WERTENBAKER.

*One case of smallpox at Benwood, W. Va.*

WHEELING, W. VA., June 11, 1898.

SIR: On June 4, a tramp arrived at Benwood, 4 miles below this city, ill with smallpox. He claims Piedmont as his home, and thinks he contracted the disease at Brunswick, near Washington. This man rode on the electric cars from Moundsville, 8 miles below Benwood, and a number of persons were exposed to him. Dr. J. N. Alley, health officer of Benwood, thinks that all exposed persons have been found and vaccinated. The patient was promptly isolated in a tent, and the doctor hopes that no other case will occur.

Very respectfully,

S. L. JEPSON, M. D.,  
Health Officer.

*Smallpox reported in Buncombe County, N. C.*

RALEIGH, N. C., June 8, 1898.

DEAR SIR: You are hereby informed that 1 case of smallpox has been reported to this office as existing in Buncombe County. The origin of the disease is from Columbia, S. C. Precautions taken are quarantine and vaccination.

R. H. LEWIS,  
Secretary State Board of Health.

*Inspection and rejection of immigrants arriving at Boston, Mass., during the month of May.*

(Through medical officer in command.)

BOSTON, MASS., June 10, 1898.

SIR: I have the honor to make the following report of immigrants inspected at this port during the month of May, 1898, viz: Total inspected, 2,093; total rejected, 4.

Respectfully, yours,

L. L. LUMSDEN,  
*Assistant Surgeon, U. S. M. H. S.*

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

NEW YORK, June 6, 1898.

Report of the number of immigrants examined by the medical examiners at the port of New York during the month of May, 1898, and rejected as suffering from a loathsome or dangerous contagious disease: Number of steerage passengers examined during the month, 27,019; rejected as suffering from loathsome or dangerous contagious diseases, and detained pending action of the commissioner of immigration, 40.

Respectfully submitted,

HUGH S. CUMMING,  
*Assistant Surgeon, U. S. M. H. S.*

*Inspection of immigrants at Philadelphia for month of May, 1898.*

PHILADELPHIA, PA., June 10, 1898.

SIR: I have the honor to report that 1,448 immigrants were inspected at this port during the month of May, 1898. There were 7 rejections. Twelve patients of the immigration department were examined during the same time.

Respectfully, yours,

FAIRFAX IRWIN,  
*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 June 17, 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		
Goesport.....	Feb. 17.....			Do.
Glendon.....	Feb. 17.....			Do.
Haynesville.....	Mar. 11.....	400		
Horse Creek Mine.....	Mar. 4.....	3		
Hurricane Bayou.....	Mar. 31-June 4....	29		
Jackson.....	Feb. 17.....	10		
Letohatchie.....	May 13.....	50		
Mobile.....	Feb. 5-June 4....	78	1	
Montevallo.....	Mar. 8.....	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. 28.....	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-May 11....	2		
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-June 1....	100	3	Smallpox reported.
Stilesboro.....	Jan. 15.....			
<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 21....	5		
<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		
<b>Mississippi:</b>				
Basin.....	May 16.....	7		
Denny.....	May 16-May 31....	19	3	
Hendersons Point.....	Feb. 8.....	3		
Laurel.....	May 28-June 4....	15		
Moss Point.....	Feb. 15.....	1		
Ocean Springs.....	Feb. 20.....	3		
Shubuta, Clark County.....	May 28-June 4....	50		
<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		
New York City.....	May 14-May 21....	1		

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

Places.	Date.	Cases.	Deaths.	Remarks.
<b>North Carolina:</b>				
Alamance County.....	Feb. 18-Feb. 25....	1		
Asheville .....	Apr. 14.....	1		
Buncombe County.....	Apr. 16.....	1		
	June 8.....	1		
Charlotte.....	Jan. 25-Feb. 12....	4		
Clay County.....	Feb. 15-Feb. 24....	3		
Iredell County.....	May 19-June 2....	9		
Statesville.....	June 11.....	11		
Wilmington.....	Jan. 12.....	1		
Wilson County.....	May 23.....	1		
<b>Ohio:</b>				
Cincinnati.....	May 5.....	1		
Columbus.....	Apr. 16-Apr. 22....	1		
Delphos.....	May 1-June 8....	3		
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>				
Benwood.....	June 4.....	1		
Bluefield.....	Feb. 25.....	5		
Fayette County.....	May 6.....	8		
Mercer County.....	May 6.....	6		
McDowell County.....	May 6.....	12		
<b>Wisconsin:</b>				
Wausau.....	May 19.....	1		This case was erroneously reported in the last three issues of the PUBLIC HEALTH REPORTS as having occurred at Milwaukee.
<b>Oshkosh.....</b>	<b>Apr. 23.....</b>	<b>1</b>		

*Report of immigration at Boston for the week ended June 11, 1898.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Boston, June 12, 1898.**Number of alien immigrants who arrived at this port during the week ended June 11, 1898;  
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
June 5	Steamship Moravia.....	Hamburg, Germany.....	52
Do....	Steamship Yarmouth.....	Yarmouth, Nova Scotia.....	54
June 6	Steamship Beverly.....	Port Morant, Jamaica.....	10
Do....	Schooner Athlete.....	Apple River, Nova Scotia.....	1
Do....	Steamship Philadelphian.....	Liverpool, England.....	3
Do....	Steamship Sachem.....	do.....	5
June 7	Steamship Prince Edward.....	Yarmouth, Nova Scotia.....	28
Do....	Steamship Austrian.....	Glasgow, Scotland.....	5
June 8	Steamship Londonian.....	London, England.....	13
June 9	Steamship Yarmouth.....	Yarmouth, Nova Scotia.....	64
June 10	Steamship Halifax.....	Halifax, Nova Scotia.....	60
Do....	Steamship Prince Edward.....	Yarmouth, Nova Scotia.....	19
Do....	Steamship Corinthia.....	Liverpool, England.....	3
June 11	Steamship Roman.....	do.....	2
Total.....			319

GEORGE B. BILLINGS,  
*Commissioner.**Report of immigration at New York for the week ended June 11, 1898.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of New York, June 13, 1898.**Number of alien immigrants who arrived at this port during the week ended June 11, 1898;  
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
June 5	Steamship La Touraine.....	Havre.....	176
June 6	Steamship Bulgaria.....	Hamburg.....	261
Do....	Steamship Britannia.....	Marseilles and Naples.....	494
Do....	Steamship Maasdam.....	Rotterdam and Boulogne.....	109
Do....	Steamship Hispania.....	Stettin and Havre.....	86
Do....	Steamship Berlin.....	Southampton and Queenstown.....	138
June 8	Steamship Noordland.....	Antwerp.....	136
Do....	Steamship California.....	Naples and Gibraltar.....	418
Do....	Steamship Prinz Regent Luitpold.....	Bremen.....	217
Do....	Steamship Majestic.....	Liverpool and Queenstown.....	419
June 9	Steamship Fulda.....	Genoa and Naples.....	360
Do....	Steamship Werkendam.....	Rotterdam.....	51
Do....	Steamship Lahn.....	Bremen.....	131
June 10	Steamship Phoenicia.....	Hamburg.....	205
June 11	Steamship Campania.....	Liverpool and Queenstown.....	389
Do....	Steamship Auguste Victoria.....	Hamburg.....	190
Total.....			3,790

THOMAS FITCHIE,  
*Commissioner.*



*Report of immigration at Philadelphia for the week ended June 11, 1898.***OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,**  
*Port of Philadelphia, June 13, 1898.**Number of alien immigrants who arrived at this port during the two weeks ended June 11, 1898; also names of vessels and ports from which they came.*

<b>Date.</b>	<b>Vessel.</b>	<b>Where from.</b>	<b>No. of im- migrants.</b>
June 6	Steamship Rhymland. ....	Liverpool and Queenstown .....	102
June 9	Steamship Switzerland.....	Antwerp.....	190
	<b>Total</b> .....	.....	<b>292</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.	June 11	Am. sc. Sebago.	June 5	San Domingo.	Jacksonville, Fla.	Disinfected and held.	June 11	No transactions.	.....
Delaware Breakwater Quarantine, Del.	June 11	.....	.....	.....	.....	.....	.....	.....	.....
Eureka, Cal.	June 4	.....	.....	.....	.....	.....	.....	.....	.....
Grays Harbor, Wash.	June 8	.....	.....	.....	.....	.....	.....	.....	.....
Gulf Quarantine, Ship Island, Miss.	June 4	Nor. s. Australia, (a)	May 15	Rio.	Mobile.	Disinfected and held.	May 29	No transactions.	.....
.....	.....	Am. sc. Mary Sanford, (a)	May 26	Port Antonio, Jamaica.	Gulf port.	.....do	May 31	13 cases probably of yellow fever; 2 in port of departure; 11 at sea; 2 deaths from yellow fever at sea.	.....
.....	.....	Am. sc. Nan M. Dentzler, (a)	.....do	Vera Cruz.	Pascagoula.	.....do	.....do	.....	.....
.....	.....	Br. bk. Robert S. Beuard, (a)	.....do	Rio.	Ship Island.	.....do	.....do	.....	.....
.....	.....	Br. bk. Avoca, (a)	May 27	.....do	.....do	Held for disinfection.	.....do	.....	.....
.....	.....	Am. sc. Belle Wooster.	May 29	Sabanilla.	Pascagoula.	Disinfected and held.	June 4	.....	.....
.....	.....	Swed. bk. Cosmopolita.	June 2	Para.	Carabelle.	Held for disinfection.	.....	.....	.....
.....	.....	Am. bktn. James W. Elwell.	.....do	Vera Cruz.	Pascagoula.	Disinfected and held.	.....	.....	.....
.....	.....	Am. schr. Villa y Hermano.	.....do	.....do	Ship Island.	.....do	.....	.....	.....
Newbern, N. C.	June 11	.....	.....	.....	.....	.....	.....	No transactions.	.....
Port Townsend, Wash.	June 4	.....	.....	.....	.....	.....	.....	.....	.....
Reddy Island Quarantine, Del.	June 11	.....	.....	.....	.....	.....	.....	.....	.....
San Diego, Cal.	June 4	.....	.....	.....	.....	.....	.....	.....	.....
San Francisco, Cal.	June 4	.....	.....	.....	.....	.....	.....	.....	.....
Southport, N. C.	June 11	.....	.....	.....	.....	.....	.....	.....	.....
Tortugas Quarantine, Key West, Fla.	June 4	.....	.....	.....	.....	.....	.....	No transactions.	.....
Washington, N. C.	June 11	.....	.....	.....	.....	.....	.....	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.
Andote, Fla.....								No report.	
Apalachicola, Fla.....	June 11	Am. bk. Julia Rollins (a)	May 31	Rio.....	Baltimore.....	Disinfected and held.....	June 5	do.....	29
Baltimore, Md.....								No report.	
Bangor, Me.....	June 4							do.....	10
Carrabelle, Fla.....	May 28							do.....	2
Cedar Keys, Fla.....	June 11							do.....	2
Charleston, S. C.....	June 4							do.....	2
Charlotte Harbor, Fla.....	June 11							do.....	5
Elizabeth River, Va.....								No report.	
Galveston, Tex.....								do.....	
Gardiner, Oreg.....								do.....	
Georgetown, S. C.....								do.....	
Gloucester, Mass.....	June 11							do.....	9
Key West, Monroe Co., Fla.....	do.....							do.....	13
Mayport, Fla.....	do.....	Nor. bk. Ransvola (a)	May 27	Para.....	Mobile.....	Ballast discharged; vessel disinfected and held.....	June 6	do.....	16
Mobile Bay, Ala.....		Rus. sc. Fritz Guslav (a)	do.....	Rio.....	do.....	do.....	June 8	do.....	
		Br. sc. J. W. Durant (a)	June 2	Vera Cruz.....	do.....	Disinfected and held.....	June 7	do.....	
		So. Lena R. Storer	June 7	Costaacoalcos	do.....	do.....	June 10	do.....	
		Rus. bk. Orient.....	June 10	Para.....	do.....	Held for disinfection.....		No report.	1
New Bedford, Mass.....	June 11							do.....	
New Orleans, La.....	do.....							No report.	10
Newport News, Va.....	do.....							No transactions	
Newport, R. I.....	May 31							do.....	
Paseo Lavallo, Tex.....	June 4							No report.	
Port Los Angeles, Cal.....								No transactions	
Port Royal, S. C.....								do.....	
Providence, R. I.....	June 11							No report.	
Round Island, Miss.....	May 28							No transactions	1
St. Helena Entrance, S. C.....								No report.	

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.
St. George, Fla.....	May 28								1
	June 4								2
Savannah, Ga .....	June 11	Br. bk. Marjory	May 24	Rio	Savannah	Disinfected and held.	June 2	No transactions.	1
	June 4	Nor. bk. Raeg-	May 25	Maranham	.....do	Held for observation.....	May 30		.....
		vig.(a) Ger-	May 26	Santos via	.....do	Ballast discharged and			.....
		manic.(c) Ger-		Barbados.	.....do	vessel held.			.....
	June 11	Nor. ship	.....do	.....do	.....do	Held for observation.....	June 5		5
Tampa Bay, Fla .....	June 4	manic.(c)							22

a Previously reported.

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

CONNECTICUT—*Hartford*.—Month of May, 1898. Estimated population, 72,000. Total number of deaths, 96, including phthisis pulmonalis, 11.

INDIANA—*Evansville*.—Month of May, 1898. Estimated population, 70,000. Total number of deaths, 77, including whooping cough, 1, and phthisis pulmonalis, 7.

IOWA—*Davenport*.—Month of May, 1898. Estimated population, 36,000. Total number of deaths, 38, including phthisis pulmonalis, 7.

MASSACHUSETTS—*Brockton*.—Month of May, 1898. Estimated population, 35,853. Total number of deaths, 35, including phthisis pulmonalis, 4.

MICHIGAN.—Week ended June 4. Reports to the State board of health, Lansing, from 77 observers, indicate that inflammation of kidneys increased, and phthisis pulmonalis and inflammation of bowels decreased in area of prevalence. Phthisis pulmonalis was reported present at 166, measles at 59, whooping cough at 24, scarlet fever at 23, enteric fever at 19, and diphtheria at 18 places.

MINNESOTA—*Winona*.—Month of May, 1898. Population, 22,000. Total number of deaths, 14, including phthisis pulmonalis, 4.

MISSOURI—*St. Louis*.—Month of April, 1898. Estimated population, 623,000. Total number of deaths, 799, including diphtheria, 13, enteric fever, 6; measles, 4; scarlet fever, 3, and phthisis pulmonalis, 84.

NEW HAMPSHIRE—*Manchester*.—Month of May, 1898. Population, 60,000. Total number of deaths, 66, including scarlet fever, 1, and phthisis pulmonalis, 5.

NEW YORK.—Month of April, 1898. Reports to the State board of health, Albany, N. Y., from 165 cities, towns, and villages, show a total of 10,000 deaths, including diphtheria, 252; enteric fever, 80; measles, 126; scarlet fever, 84; whooping cough, 118, and phthisis pulmonalis, 1,100.

The Monthly Bulletin says :

There was a daily average mortality of 333 during the month, which is identical with that of March, against 344 in April of last year, during which month 10,325 deaths occurred, and a death rate of 19.00 against one of 18.15 this month. The variations in mortality are evenly distributed throughout the State. From zymotic diseases the number of deaths is somewhat less this month, 9.4 per cent of the total mortality, against 9.5 last month and 9.6 last April. Cerebro-spinal meningitis caused 82 deaths, which is above the average; the central parts of the State show comparative freedom from it; the limited outbreak of it in Cohoes has suspended. Scarlet fever has the same mortality for the three months, and has caused very few deaths outside the maritime district, although its mild prevalence more generally is noted. Measles is more generally distributed and has a reported mortality of 126 against 144 in March and 99 last April. Whooping cough increases and is prevalent in all parts of the State, causing 118 deaths, or 30 more

than in either of the other months. Diphtheria has further decreased, to 252 deaths, or 100 less than in April, 1897; 2.5 per cent of the total mortality was due to it, against 3.5 last April, and in some parts of the State less than 1 per cent of the deaths were due to it; it usually decreases in April. The infant mortality was the same in all the three months, 28.0 per cent of deaths occurring under the age of 5 years. Consumption caused 11.0 per cent of deaths from all causes; in the southern tier district 7.5 per cent and in the maritime 11.7 per cent, these having as usual the lowest and highest mortalities from it. From acute respiratory diseases there was the same mortality in each of the three months, about 18.75 per cent of total mortality, and much the largest of any group of diseases. Other local diseases have lower mortalities than in last month, but not less than last April. Grippe was estimated to have caused 600 deaths in March and 500 last April; it continues to be reported and probably exaggerated the mortality of this month about 500. There are no special epidemics reported from any part of the State.

*Auburn.*—Month of May, 1898. Estimated population, 30,000. Total number of deaths, 39, including phthisis pulmonalis, 6.

*Buffalo.*—Month of May, 1898. Estimated population, 360,000. Total number of deaths, 432, including diphtheria, 4; enteric fever, 10; scarlet fever, 2; whooping cough, 1, and phthisis pulmonalis, 42.

*OHIO—Clyde.*—Month of May, 1898. Estimated population, 2,380. Total number of deaths, 4.

*Toledo.*—Month of May, 1898. Estimated population, 143,755. Total number of deaths, 122, including diphtheria, 1, and phthisis pulmonalis, 9.

*TENNESSEE—Memphis.*—Month of May, 1898. Estimated population, 61,747; white, 31,430; colored, 30,317. Total number of deaths, 115; white, 45; colored, 70, including enteric fever, 1, and phthisis pulmonalis, 23.

*Nashville.*—Month of May, 1898. Estimated population, 87,754; white, 54,595; colored, 33,159. Total number of deaths, 142, including phthisis pulmonalis, 19.

## 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.
Amesbury, Mass.	June 11	9,798	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ashtabula, Ohio	.....do.....	8,338	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bennington, Vt.	.....do.....	6,391	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Boston, Mass.	.....do.....	448,477	146	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bristol, R. I.	June 4	7,382	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brockton, Mass.	May 28	27,294	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.	June 4	27,294	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bucyrus, Ohio	June 11	5,974	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cambridge, Mass.	.....do.....	70,028	14	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Charleston, S. C.	May 21	a 54,955	b 29	3	.....	.....	.....	.....	.....	1	1	.....	.....	.....
Do	May 28	a 54,955	c 37	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chicago, Ill.	June 4	1,099,850	392	52	.....	.....	.....	.....	.....	13	.....	2	2	3
Do	June 11	1,099,850	420	52	.....	.....	.....	.....	.....	13	1	5	3	6
Cincinnati, Ohio	June 3	296,908	99	6	.....	.....	.....	.....	.....	.....	.....	2	2	1
Do	June 11	296,908	93	15	.....	.....	.....	.....	.....	2	.....	1	1	.....
Cleveland, Ohio	May 30	261,353	122	4	.....	.....	.....	.....	.....	2	1	2	1	.....
Do	June 4	261,353	109	4	.....	.....	.....	.....	.....	2	.....	3	.....	2
Do	June 11	261,353	73	1	.....	.....	.....	.....	.....	5	.....	.....	.....	1
Columbus, Ohio	June 3	88,150	26	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Concord, N. H.	June 4	17,044	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Do	June 11	17,044	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dayton, Ohio	.....do.....	61,220	22	2	.....	.....	.....	.....	.....	.....	.....	1	.....	1
Detroit, Mich.	.....do.....	205,876	75	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dunkirk, N. Y.	June 4	9,416	27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Everett, Mass.	.....do.....	11,068	4	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fall River, Mass.	June 11	74,398	32	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fitchburg, Mass.	June 4	22,037	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Grand Rapids, Mich.	.....do.....	60,278	22	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do	June 11	60,278	18	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Green Bay, Wis.	June 4	9,069	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Haverhill, Mass.	June 11	27,412	13	3	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Jacksonville, Fla.	June 4	17,201	12	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do	June 11	17,201	14	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Johnstown, Pa.	.....do.....	21,805	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kalamazoo, Mich.	June 4	17,853	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lancaster, Pa.	June 11	32,011	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lawrence, Mass.	June 4	44,654	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lowell, Mass.	June 11	77,696	26	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lynchburg, Va.	.....do.....	19,709	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
McKeesport, Pa.	June 4	20,741	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Manchester, N. H.	June 11	44,126	16	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massillon, Ohio	June 4	10,092	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do	June 11	10,092	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medford, Mass.	.....do.....	11,079	5	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Melrose, Mass.	June 4	8,519	5	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Memphis, Tenn.	June 11	64,495	28	3	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Michigan City, Ind.	June 4	10,776	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do	June 11	10,776	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Middletown, N. Y.	June 7	11,977	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milwaukee, Wis.	June 4	204,468	66	9	.....	.....	.....	.....	.....	1	.....	1	.....	.....
Minneapolis, Minn.	.....do.....	164,738	42	5	.....	.....	.....	.....	.....	.....	.....	.....	1	1
Nashville, Tenn.	June 11	76,168	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
New Bedford, Mass.	.....do.....	40,723	16	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Newport, R. I.	.....do.....	19,457	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York, N. Y.	.....do.....	1,515,301	.....	136	.....	.....	.....	.....	.....	5	16	20	20	16
Norristown, Pa.	June 4	19,791	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do	June 11	19,791	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
North Adams, Mass.	.....do.....	16,074	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Omaha, Nebr.	May 28	140,452	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do	June 4	140,452	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oneonta, N. Y.	June 11	6,272	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Orange, N. J.	.....do.....	18,844	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Philadelphia, Pa.	.....do.....	1,046,964	363	39	.....	.....	.....	.....	.....	7	2	17	10	5
Pittsburg, Pa.	June 4	238,617	74	3	.....	.....	.....	.....	.....	.....	.....	1	.....	3
Pittsfield, Mass.	June 11	17,281	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plainfield, N. J.	.....do.....	11,267	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Portland, Me.	June 4	36,425	11	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Do	June 11	36,425	10	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pottstown, Pa.	May 27	13,284	1	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Do	June 3	13,284	5	1	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Do	June 10	13,284	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Providence, R. I.	June 11	132,146	49	5	.....	.....	.....	.....	.....	.....	.....	1	.....	1

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

b White, 11; colored, 18.

c White, 12; colored, 25.





## Table of temperature and rainfall, week ended June 13, 1898.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
<b>Atlantic Coast:</b>						
Eastport, Me.....	54	.....	2	.81	.39	.....
Portland, Me.....	61	.....	1	.77	.83	.....
Northfield, Vt.....	63	1	.....	.84	.....	.04
Boston, Mass.....	65	3	.....	.70	.....	.70
Vineyard Haven, Mass.....	65	.....	1	.54	.....	.54
Nantucket, Mass.....	60	.....	2	.69	.....	.69
Woods Hole, Mass.....	61	.....	1	.63	.....	.63
Block Island, R. I.....	60	0	.....	.59	.....	.59
New Haven, Conn.....	65	5	.....	.63	.....	.63
Albany, N. Y.....	68	6	.....	.84	1.26	.....
New York, N. Y.....	67	3	.....	.70	.....	.50
Harrisburg, Pa.....	70	6	.....	.98	.....	.88
Philadelphia, Pa.....	70	4	.....	.70	.....	.50
New Brunswick, N. J.....	69	3	.....	.90	.....	.50
Atlantic City, N. J.....	64	2	.....	.73	.....	.63
Baltimore, Md.....	72	4	.....	.92	.....	.82
Washington, D. C.....	72	5	.....	.91	.....	.80
Lynchburg, Va.....	73	5	.....	.79	.....	.49
Cape Henry, Va.....	72	0	.....	.91	.....	.91
Norfolk, Va.....	73	1	.....	.98	.....	.98
Charlotte, N. C.....	74	6	.....	1.05	.....	1.05
Raleigh, N. C.....	73	5	.....	1.10	.....	1.10
Kittyhawk, N. C.....	73	.....	3	1.02	.....	.42
Hatteras, N. C.....	72	.....	2	.99	.....	.99
Wilmington, N. C.....	75	1	.....	1.30	.....	1.30
Columbia, S. C.....	77	5	.....	.92	.....	.92
Charleston, S. C.....	78	0	.....	1.26	.....	1.26
Augusta, Ga.....	78	2	.....	1.07	.....	1.07
Savannah, Ga.....	78	0	.....	1.55	.....	1.55
Jacksonville, Fla.....	80	.....	2	1.22	.....	1.22
Jupiter, Fla.....	78	0	.....	1.65	.....	1.55
Key West, Fla.....	82	0	.....	.94	.66	.....
<b>Gulf States:</b>						
Atlanta, Ga.....	75	5	.....	.98	.....	.68
Tampa, Fla.....	80	0	.....	1.49	.....	.19
Pensacola, Fla.....	79	3	.....	1.23	.....	2.23
Mobile, Ala.....	79	1	.....	1.34	.66	.....
Montgomery, Ala.....	78	4	.....	1.10	.....	.90
Vicksburg, Miss.....	78	2	.....	1.03	.....	.83
New Orleans, La.....	80	2	.....	1.52	.....	1.22
Shreveport, La.....	79	1	.....	.91	.....	.21
Fort Smith, Ark.....	74	4	.....	1.05	.55	.....
Little Rock, Ark.....	76	4	.....	1.07	.....	.37
Palestine, Tex.....	77	1	.....	1.09	1.21	.....
Galveston, Tex.....	80	0	.....	1.28	.....	1.08
San Antonio, Tex.....	80	.....	4	.65	5.25	.....
Corpus Christi, Tex.....	79	.....	1	.70	1.40	.....
<b>Ohio Valley and Tennessee:</b>						
Memphis, Tenn.....	77	8	.....	1.15	.....	.75
Nashville, Tenn.....	75	5	.....	.98	.23	.....
Chattanooga, Tenn.....	75	5	.....	1.14	.76	.....
Knoxville, Tenn.....	73	7	.....	.94	.....	.94
Louisville, Ky.....	74	8	.....	1.02	.....	.72
Indianapolis, Ind.....	71	6	.....	1.10	.10	.....
Cincinnati, Ohio.....	72	8	.....	1.07	.....	.57
Columbus, Ohio.....	70	8	.....	.84	.....	.24
Parkersburg, W. Va.....	71	7	.....	.98	.....	.18
Pittsburg, Pa.....	70	8	.....	.77	.....	.37
<b>Lake Region:</b>						
Oswego, N. Y.....	62	6	.....	.77	.....	.27
Rochester, N. Y.....	65	7	.....	.77	.....	.57
Buffalo, N. Y.....	63	7	.....	.84	.....	.54
Erie, Pa.....	65	7	.....	.98	.....	.08
Cleveland, Ohio.....	66	8	.....	.91	.....	.01
Sandusky, Ohio.....	67	9	.....	.98	1.72	.....
Toledo, Ohio.....	68	8	.....	.84	.....	.04
Detroit, Mich.....	66	8	.....	.87	1.23	.....
Lansing, Mich.....	66	6	.....	.97	.....	.07
Port Huron, Mich.....	63	9	.....	.84	.96	.....
Alpena, Mich.....	59	3	.....	.91	.59	.....
Sault Ste. Marie, Mich.....	61	.....	7	.70	.....	.30
Marquette, Mich.....	58	.....	8	.84	.....	.14
Green Bay, Wis.....	67	.....	3	.80	.40	.....

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

Table of temperature and rainfall, week ended June 13, 1898—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	a Excess.	a Deficiency.	Normal.	Excess.	Deficiency.
<b>Lake Region—Continued.</b>						
Grand Haven, Mich.....	63	5	.....	.96	.54	.....
Milwaukee, Wis.....	62	2	.....	.98	.52	.....
Chicago, Ill.....	65	9	.....	.91	1.29	.....
Duluth, Minn.....	56	.....	4	1.12	.....	1.02
<b>Upper Mississippi Valley:</b>						
St. Paul, Minn.....	66	0	.....	1.08	.....	.08
La Crosse, Wis.....	68	2	.....	1.05	.35	.....
Dubuque, Iowa.....	67	5	.....	1.22	1.38	.....
Davenport, Iowa.....	70	4	.....	1.08	1.32	.....
Des Moines, Iowa.....	70	0	.....	1.36	2.64	.....
Keokuk, Iowa.....	71	5	.....	1.05	.15	.....
Hannibal, Mo.....	72	4	.....	1.07	.....	.47
Springfield, Ill.....	72	4	.....	1.12	1.38	.....
Cairo, Ill.....	74	6	.....	1.05	.....	.65
St. Louis, Mo.....	75	3	.....	1.26	.....	.46
<b>Missouri Valley:</b>						
Columbia, Mo.....	75	0	.....	1.08	.82	.....
Springfield, Mo.....	71	1	.....	1.01	.69	.....
Kansas City, Mo.....	72	2	.....	1.19	1.31	.....
Topeka, Kans.....	71	1	.....	1.33	.....	.13
Wichita, Kans.....	73	.....	1	1.30	1.50	.....
Concordia, Kans.....	72	.....	2	1.12	.28	.....
Lincoln, Nebr.....	70	.....	4	1.06	.94	.....
Omaha, Nebr.....	70	.....	0	1.31	1.99	.....
Sioux City, Iowa.....	71	.....	5	.84	1.56	.....
Yankton, S. Dak.....	67	.....	3	1.00	.....	.70
Valentine, Nebr.....	68	.....	5	.83	.....	.08
Huron, S. Dak.....	67	.....	3	.84	.....	.54
Pierre, S. Dak.....	69	.....	3	.82	.....	.82
Moorhead, Minn.....	65	.....	5	.99	.....	.99
Bismarck, N. Dak.....	63	.....	1	.94	.....	.94
Williston, N. Dak.....	62	.....	2	.84	.....	.64
<b>Rocky Mountain Region:</b>						
Havre, Mont.....	59	3	.....	.70	.....	.50
Helena, Mont.....	56	4	.....	.62	.....	.52
Miles City, Mont.....	66	.....	8	.83	.....	.53
Rapid City, S. Dak.....	65	.....	3	1.03	.....	.83
Spokane, Wash.....	60	10	.....	.46	.....	.46
Walla Walla, Wash.....	63	11	.....	.35	.....	.35
Baker City, Oreg.....	53	11	.....	.39	.....	.39
Winnemucca, Nev.....	58	8	.....	.21	.....	.21
Idaho Falls, Idaho.....	59	.....	1	.28	.32	.....
Salt Lake City, Utah.....	64	.....	0	.21	.....	.11
Lander, Wyo.....	60	.....	4	.28	.02	.....
Cheyenne, Wyo.....	59	.....	5	.38	.92	.....
North Platte, Nebr.....	67	.....	5	.81	.....	.11
Denver, Colo.....	65	.....	5	.30	.30	.....
Pueblo, Colo.....	67	.....	5	.28	.32	.....
Dodge City, Kans.....	71	.....	5	.77	1.43	.....
Oklahoma, Okla.....	76	.....	2	.81	.89	.....
Amarillo, Tex.....	72	.....	10	.78	1.12	.....
Abilene, Tex.....	76	.....	4	.79	1.91	.....
Santa Fe, N. Mex.....	68	.....	9	.21	1.29	.....
El Paso, Tex.....	78	.....	8	.07	.13	.....
Phoenix, Ariz.....	81	1	.....	.00	.10	.....
<b>Pacific Coast:</b>						
Seattle, Wash.....	59	7	.....	.28	.....	.18
Tacoma, Wash.....	58	8	.....	.42	.....	.32
Fort Canby, Wash.....	56	1	.....	.63	.....	.63
Portland, Oreg.....	61	9	.....	.49	.....	.29
Roseburg, Oreg.....	59	9	.....	.35	.....	.35
Eureka, Cal.....	55	.....	1	.39	.....	.39
Redbluff, Cal.....	72	4	.....	.14	.....	.04
Carson City, Nev.....	60	0	.....	.14	.....	.14
Sacramento, Cal.....	67	.....	1	.07	.....	.07
San Francisco, Cal.....	58	.....	4	.07	.....	.07
Fresno, Cal.....	72	0	.....	.04	.....	.04
San Luis Obispo, Cal.....	62	0	.....	.06	.....	.06
Los Angeles, Cal.....	65	1	.....	.04	.....	.04
San Diego, Cal.....	64	.....	2	.04	.....	.04
Yuma, Ariz.....	84	.....	4	.00	.....	.00

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

## FOREIGN.

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

*Cholera, yellow fever, plague, and smallpox as reported to the Supervising Surgeon-General United States Marine-Hospital Service, January 1 to June 17, 1898.*

## CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
China:				
Hongkong .....	Apr. 24-Apr. 30...	5	3	
India:				
Bombay .....	Nov. 24-Nov. 30.....		4	
	Dec. 1-Mar. 1.....		55	
	Mar. 2-Mar. 29.....		11	
	Mar. 30-May 17.....		15	
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.....		96	
	Mar. 27-May 7.....		194	
Madras.....	Nov. 30-Dec. 10.....		8	
	Dec. 4-Dec. 31.....		11	
	Jan. 1-Jan. 23.....		45	
	Jan. 29-May 6.....		41	
Singapore.....	Nov. 1-Nov. 30.....		1	
	Dec. 1-Dec. 31.....		1	
	Mar. 1-Mar. 31.....		1	
Japan:				
Kanagawa Ken.....	Mar. 24-Apr. 28.....	4	2	
Osaka and Hiogo.....	Mar. 26-Apr. 9.....	2	1	
Tokyo Fu.....	Apr. 11-Apr. 28.....	4	2	
Yokohama.....	Apr. 15-Apr. 29.....		1	

## YELLOW FEVER.

Brasil:				
Araraguara.....	Mar. 1-Mar. 31.....	4	3	
Bahia.....	Dec. 27.....	3	2	
	Dec. 29.....	6		Taken off of Nor. bk. Adonis.
Ceara.....	Nov. 1-Nov. 30.....		1	
Jaboticabal .....	Mar. 1-Mar. 31.....	35	16	
Para.....	Dec. 12-Jan. 1.....		24	
	Jan. 2-Jan. 15.....		22	
	Jan. 16-Feb. 23.....		30	
Ribeirao Bonito.....	Feb. 1-Mar. 31.....	99	22	
Rio Clara.....	Mar. 1-Mar. 31.....	9	4	
Rio de Janeiro.....	Nov. 21-Dec. 4.....	1		
	Dec. 5-Jan. 1.....	8	3	
	Jan. 1-Jan. 29.....	22	17	
	Jan. 30-May 6.....		698	
Sao Carlos de Pinhal.....	Feb. 23-Mar. 31.....	223	58	Yellow fever reported.
Santos .....	Jan. 2-Jan. 8.....	1	1	
	Jan. 23-Jan. 29.....	3		
	Jan. 30-Feb. 23.....	21	3	
	Mar. 1-Mar. 31.....	32	13	
Sao Paulo.....	Feb. 1-Mar. 31.....	4	3	
Cuba:				
Cienfuegos.....	Dec. 20-Jan. 2.....		2	No reports received since hostilities with Spain began.
	Jan. 3-Jan. 23.....		1	
Habana .....	Dec. 17-Dec. 30.....		6	Do.
	Dec. 31-Jan. 27.....		9	
	Jan. 28-Feb. 17.....		3	
	Mar. 4-Mar. 31.....		4	
Manzanillo.....	Dec. 1-Dec. 31.....		28	Do.
	Jan. 1-Jan. 31.....		9	
	Feb. 14-Feb. 23.....		3	
Matanzas.....	Dec. 15-Jan. 19.....		4	Do.
	Feb. 9-Feb. 23.....		2	
Regla.....	Dec. 31-Feb. 23.....		7	Do.
	Mar. 1-Mar. 24.....		2	

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

Places.	Date.	Cases.	Deaths.	Remarks.
<i>Cuba—Continued.</i>				
Sagua la Grande.....	Dec. 18-Jan. 20.....	.....	.....	A few cases of yellow fever, but impossible to obtain statistics. No reports received since hostilities with Spain began.
Santiago de Cuba.....	Dec. 19-Jan. 29.....	.....	6	No reports received since hostilities with Spain began.
<i>Jamaica:</i>				
Kingston.....	Dec. 19-Jan. 1... Jan. 2-Jan. 31... Feb. 5-Feb. 19...	1 2 2	1 2 1	
St. Andrew.....	Dec. 19-Jan. 1... Feb. 27-Mar. 5...	1 1	..... 1	
St. Catherine.....	Dec. 19-Jan. 1...	1	.....	
St. Elizabeth.....	Dec. 19-Jan. 1...	1	1	
<i>Santo Domingo:</i>				
Santo Domingo.....	May 7-May 14...	1	1	

**PLAGUE.**

<i>Arabia:</i>				
Djiddah.....	Mar. 25-Apr. 10...	.....	29	
Nuslah.....	Mar. 1-Mar. 25...	1	.....	
<i>China:</i>				
Canton.....	Mar. 22-Apr. 5...	10	.....	
Hongkong.....	Nov. 7-Nov. 20... Dec. 18-Jan. 1... Jan. 2-Jan. 29... Jan. 30-Feb. 26... Feb. 27-Apr. 30...	2 2 6 64 596	2 2 5 56 529	
Macao.....	Apr. 9.....	.....	.....	Smallpox reported.
Shanghai.....	Apr. 23.....	.....	.....	On ss. Glenturret, in quarantine.
<i>Egypt:</i>				
Suez.....	May 5.....	.....	.....	1 case plague on ss. Mahale.
<i>India:</i>				
Bombay.....	Nov. 24-Nov. 30... Dec. 1-Feb. 8... Feb. 9-Mar. 1... Mar. 2-Mar. 29... Mar. 30-May 17... Apr. 25-May 4...	..... 4,833 3,436 4,579 2,731 25	70 ..... ..... ..... ..... 12	
Calcutta.....				Plague reported. "Sporadic."
<i>Japan:</i>				
Taiwan (Formosa).....	Dec. 28-Apr. 23...	505	84	
Yokohama.....	Mar. 1-Apr. 11...	2	1	
Karachi.....	Apr. 6-Apr. 12...	51	31	
<i>Russia:</i>				
St. Petersburg.....	Mar. 26-Apr. 2...	.....	1	

**SMALLPOX.**

<i>Belgium:</i>				
Antwerp.....	May 1-May 7...	2	.....	
Ghent.....	May 7-May 14...	.....	1	
<i>Bohemia:</i>				
Prague.....	Dec. 12-Jan. 1... Jan. 2-May 14...	11 151	..... .....	
<i>British Columbia:</i>				
Victoria.....	May 9.....	1	.....	
<i>Brazil:</i>				
Ceara.....	Mar. 1-Mar. 31...	.....	10	
Pernambuco.....	Dec. 1-Dec. 25... Apr. 15-Apr. 23...	..... .....	8 1	
Rio de Janeiro.....	Nov. 21-Dec. 4... Dec. 5-Jan. 1... Jan. 1-Apr. 8...	10 9 2	..... 1 1	
Sao Paulo.....	Feb. 1-Mar. 31...	40	13	
Sorocaba.....	Dec. 16-Jan. 30...	32	10	
<i>Canada:</i>				
Halifax.....	May 14-May 23...	6	.....	
Mallesonneuve.....	Jan. 26-Feb. 16...	3	.....	
Montreal.....	Jan. 3-Jan. 12... Feb. 11-Feb. 16...	3 1	0 .....	

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

## SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
China:				
Hongkong .....	Nov. 7-Dec. 4...	6	4	
	Dec. 5-Jan. 1...	11	8	
	Jan. 2-Apr. 30...	194	113	
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 28...	10	2	
Southampton .....	Jan. 8-Feb. 12...	2		
South Shields .....	May 7-May 14...	1		
Sunderland .....	Dec. 18-Jan. 8...	1		
	Feb. 27-Mar. 26...	4		
West Hartlepool .....	Jan. 9-Jan. 22...	5		
Germany:				
Bremen .....	Apr. 23-May 14...	2		
Hamburg .....	Mar. 6-Mar. 12...	2		
Gibraltar .....	Dec. 6-Dec. 12...	1		
	Dec. 27-Apr. 3...	6		
India:				
Bombay .....	Feb. 9-May 17...		31	
Calcutta .....	Dec. 19-Dec. 25...		1	
	Jan. 30-May 7...		49	
Madras .....	Nov. 27-Dec. 3...		1	
	Dec. 4-Dec. 31...		3	
	Jan. 1-Jan. 28...		6	
	Jan. 29-Feb. 4...		6	
	Feb. 5-Apr. 22...		66	
	Apr. 30-May 13...		11	
Singapore .....	Mar. 1-Mar. 31...		1	
Italy:				
Messina .....	Dec. 12-Jan. 8...		5	
	Jan. 30-May 21...		5	
Japan:				
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	
Kagoshima Ken .....	Feb. 4-Feb. 22...	1		
Kanagawa Ken .....	Dec. 28-Jan. 21...	3		
Kochi Ken .....	Dec. 28-Jan. 21...	1		
Miyagi Ken .....	Dec. 17-Dec. 27...	2	3	
	Dec. 28-Apr. 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	

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

## SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<i>Japan—Continued.</i>				
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. 23...	396	104	
<i>Mexico:</i>				
Nogales .....	May 13.....	4		
<i>Norway:</i>				
Christiania.....	Mar. 20-May 21...	19	2	
<i>Netherlands:</i>				
Amsterdam .....	Dec. 12-Dec. 24...	1		
Rotterdam .....	Dec. 12-Dec. 31...	3	1	
	Jan. 1-Jan. 29...	1		
<i>Russia:</i>				
<i>Moscow.....</i>				
	Nov. 23-Dec. 4...	1	1	
	Dec. 5-Dec. 11...	1	1	
	Jan. 1-May 14...	63	17	
<i>Odessa.....</i>				
	Dec. 5-Jan. 1...	53	9	
	Jan. 2-Jan. 29...	34	7	
	Jan. 30-May 21...	92	14	
<i>St. Petersburg.....</i>				
	Dec. 4-Dec. 25...	35	13	
	Jan. 9-Jan. 29...	56	19	
	Jan. 30-May 14...		54	
	Dec. 19-May 14...		121	
<i>Warsaw.....</i>				
<i>Scotland:</i>				
<i>Edinburgh.....</i>				
	Apr. 16-Apr. 30...	2		
<i>Glasgow.....</i>				
	Dec. 5-Dec. 25...	3	1	
<i>Leith.....</i>				
	Apr. 3-Apr. 30...	2	1	
<i>Spain:</i>				
<i>Corunna .....</i>				
	Jan. 1-Feb. 5...		2	
<i>Madrid.....</i>				
	Dec. 22-Dec. 23...		1	
	Feb. 8-Apr. 6...		3	
<i>Turkey:</i>				
<i>Constantinople.....</i>				
	Jan. 10-Feb. 6...		53	
	Feb. 23-May 8...		94	
<i>Uruguay:</i>				
<i>Montevideo.....</i>				
	Dec. 25-Mar. 19...	5		
<i>Venezuela:</i>				
<i>Puerto Cabello.....</i>				
	Apr. 2-Apr. 11...	23	6	
<i>Valencia.....</i>				
	Apr. 2-Apr. 11...	54		
<i>Wales:</i>				
<i>Cardiff .....</i>				
	Dec. 18-Dec. 24...	1		

*Current quarantine measures.*

[Translated in this Bureau from the "Veröffentlichungen des Kaiserlichen Gesundheitsamtes," Berlin, May 11, 18, and 25, 1898.]

## PLAGUE.

**BRITISH EAST INDIES.**—The regulations of August 24, 1897, for vessels from plague-infected ports entering the port of Calcutta, have been amended as follows in order to conform to the measures formulated in the Venice Sanitary Convention, March 31, 1898:

Underclothing, bedding, wearing apparel, mattresses, carpets, etc., which are contaminated or suspected, should be disinfected in stoves at normal pressure of from one and a half to two atmospheres, with or without the presence of steam.

According to official advices of April 9, the measures published August 24, 1897, for vessels arriving from Hongkong, Macao, and Canton are put in rigorous force.

**EGYPT.**—The standing commission of the International Sanitary Council resolved May 4 to put into operation the plague regulations against arrivals from Calcutta.

On account of the plague case at Suez, the sanitary council has called the attention of the representatives of the shipping companies to the fact that their vessels, in case they touch at Suez, run the risk of being quarantined in Egypt and Europe. The council of health furthermore resolved to add to the ship's pass the following remark: "A case of plague reported in hospital at Suez, in the person of a fireman taken from a ship arriving from Djiddah."

GREECE.—According to advices of April 25, vessels arriving at Delos from Djiddah must undergo a ten days' quarantine. The time occupied in the voyage shall not be taken into account in the quarantine.

NETHERLANDS.—By royal order of April 30 the law of December 4, 1872, for protection against contagious diseases is extended for another year on account of plague. The law went into effect May 8.

TURKEY.—In consequence of a decision of the Superior Council of Health at Constantinople a ten days' quarantine is ordered for arrivals from the coast of the Hedjaz between Yambo and Lith. Prohibition of the pilgrimage is again deferred.

#### SMALLPOX.

DANISH ANTILLES.—According to official advices of May 3, a fifteen days' quarantine is ordered against arrivals from Puerto Cabello.

#### BRAZIL.

##### *Sanitary reports from Rio—Etiology of beriberi.*

RIO DE JANEIRO, May 10, 1898.

SIR: In spite of all my endeavors, it was not possible to obtain correct statistical information concerning the mortality during the last week. As already stated, the statistical office suffers from internal difficulties, which prevent the regular working up of the matter. The possibility of a definite solution of this question between the statistical office and the hospital of Santa Casa de Misericordia has not yet been realized, as was hoped.

According to the newspaper publications, there occurred during the week ended May 6, 390 deaths from all causes, 14 deaths from *accessio pernicioso*, 53 deaths from yellow fever, 34 deaths from different fevers, and 9 deaths from beriberi.

In my last report I laid stress upon the fact that beriberi has become here an endemic sickness and deserves most consideration. In the message, with which the parliament some days ago was opened, the president, speaking about the sanitary conditions of the union, has also designated yellow fever and beriberi as those two diseases whereto the government is obliged to direct its attention.

Some days ago Dr. Francisco Fajardo made to the Academy of Medicine a communication, accompanied by microscopical preparations, and he thinks he is on the track of the cause of beriberi. Dr. Fajardo is a well prepared and earnest colleague, and I am well acquainted with him. Dr. Fajardo has made his studies in the beriberi hospital on 52 sick persons, including 6 necropsies. He found in the red corpuscles of the blood a form of plasmodium which can be colored highly. With regard to the morphological qualities this *hæmatozoa* has great resemblance to the plasmodium *malariae*. There are also formations of pig-

ment, principally in the liver and spleen; however, in the blood, it is seldom met with. The resemblance to malaria is evidently recognizable.

I beg to observe that I have seen in my practice from time to time persons who are declared by other physicians to be suffering from beriberi, but whose disease I considered as cases of a paludal infection. Of course I only refer to the subacute and chronic forms of beriberi, in which the symptoms of the polyneuritis are not so evident, and the symptoms of a dyscrasia and of the œdema appear more evident. The differential diagnosis is so much more difficult, as the change of the locality or a sea voyage has a good result on both malaria and beriberi, and consequently the logical conclusion "post hoc ergo propter hoc" falls short here.

At all events, I thought it convenient to refer you to the above, so that eventually competent examiners, who have the opportunity for such studies, may devote their attention to this important ætiological question.

Since last report, the following-named ships have been inspected and received bills of health from this office: May 7, steamship *Olbers*, Belgian, for New York; steamship *Manitoba*, British, for New York. May 10, steamship *Kaffir Prince*, British, for New York; barkentine *St. Lucie*, American, for Brunswick.

Respectfully, yours,

W. HAVELBURG,

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

The SUPERVISING SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

RIO DE JANEIRO, *May 18, 1898.*

SIR: I have the honor to transmit official report for the week ended May 6.

There were 373 deaths from all causes, an increase of 8, as compared with the foregoing week; 18 deaths from *accessio pernicioso*, a decrease of 2; 54 deaths from yellow fever, a decrease of 7; 3 deaths from typhoid fever, an increase of 2; none from whooping cough, a decrease of 1; 8 deaths from beriberi, a decrease of 6, and 59 deaths from tuberculosis, an increase of 9.

There occurred during the week ended May 13, 378 deaths from all causes, 15 deaths from *accessio pernicioso*, 53 deaths from yellow fever, 35 deaths from different fevers, and 13 deaths from beriberi.

*Information.*—We have now passed from the summer season to the regular winter season. It happened this year very suddenly. The daily maximum temperature before was 30° C. on an average. It has fallen to 22° C., caused by the change of the wind. The want of rain and its disagreeable consequences, however, still continue. Yesterday we had a shower, but it was far from being sufficient to exercise a salutary influence.

The state of health has generally much improved, but yellow fever continues in a lesser degree, and, as it will always be observed at the end of the season, the later cases are almost all fatal. It may be stated that under the conditions here prevailing, of the different forms in which yellow fever generally terminates fatally, in this last epidemic the form with anuria was by far the most frequent. Cases where death occurred by hemorrhages, affections of the heart (myocarditis), with important joint action of the cerebral nervous system (meningitis) were proportionally rare.

It has been observed this year more than ever that people who had



lived in Rio many years, and were therefore supposed to enjoy a degree of immunity, became victims of yellow fever and died.

Although strangers and men, who only staid in Rio temporarily, formed the largest percentage of the fatal cases, many inhabitants and some natives as well were attacked and died.

Children up to 6 years of age born here in Rio suffered from yellow fever this year in an extraordinarily severe manner, half of the cases terminating fatally.

Some months ago the sanitary authorities here were informed that the *cattle plague* (*Texas fever*) had made its appearance. A committee was appointed to make the necessary examinations. According to their published report the fear at that time was exaggerated, the existence of epizootic was verified in one stable only; however, no certain opinion about its character could be given.

On account of the great extension of *consumption* within the population, the committee recommends to the authorities on this occasion to direct their attention to tubercular disease of cattle, and to apply Kochs' tuberculine for diagnostical purposes. Further particulars in this direction I reserve for one of my next reports.

Since last report the following-named ships have been inspected and received bills of health from this office: May 12, bark *Areola*, Norwegian, for Brunswick, and bark *Schwanden*, Norwegian, for Savannah. May 14, steamship *Bicla*, British, for New York; steamship *Lucina*, British, for Philadelphia, and schooner *Fritz Reuter*, Norwegian, for Mobile. May 16, steamship *Concordia*, French, for New Orleans, and bark *Bellona*, British, for Ship Island. May 17th, schooner *Thomas Hilyard*, Dutch, for Mobile.

Respectfully, yours,

W. T. HAVELBURG, M. D.,  
*Acting Sanitary Inspector, U. S. M. H. S.*

#### TURKEY.

##### *Suspected case of plague at Smyrna.*

DEPARTMENT OF STATE,  
*Washington, D. C., June 18, 1898.*

SIR: I have the honor to inform you that our Minister at Constantinople sent to this Department on the 11th instant a telegram saying that there was a suspected case of the plague at the Smyrna lazaretto.

Respectfully, yours,

WILLIAM R. DAY,  
*Secretary.*

HON. SECRETARY OF THE TREASURY.

#### STATISTICAL REPORTS.

CANADA—*Manitoba—Winnipeg.*—Month of May, 1898. Estimated population, 7,985. Total number of deaths not reported. Diphtheria, 1, and measles, 1.

BAHAMAS—*Dunmore Town.*—Two weeks ended May 20, 1898. Population, 1,472. No deaths.

*Governors Harbor.*—Two weeks ended May 21, 1898. Estimated population, 1,500. Total deaths not reported. No deaths from contagious diseases.

**Nassau.**—Two weeks ended May 30, 1898. Estimated population 11,000. Total deaths not reported. No deaths from contagious diseases.

**CHILE—Antofagasta.**—Month of April, 1898. Estimated population, 14,000. Total number of deaths, 30, including phthisis pulmonalis, 3.

**FIJI ISLANDS—Port Stanley.**—Eleven weeks ended April 2, 1898. Estimated population, 1,952. No deaths.

**GREAT BRITAIN—England and Wales.**—The deaths registered in 33 great towns in England and Wales during the week ended May 28 correspond to an annual rate of 16.5 a thousand of the aggregate population, which is estimated at 11,218,378. The highest rate was recorded in Halifax, viz, 29.1, and the lowest in Croydon, viz, 8.0.

**London.**—One thousand three hundred and eighty-five deaths were registered during the week, including measles, 74; scarlet fever, 6; diphtheria, 27; whooping cough, 59; enteric fever, 6, and diarrhea and dysentery, 10. The deaths from all causes correspond to an annual rate of 16.1 a thousand. In greater London 1,753 deaths were registered, corresponding to an annual rate of 14.3 a thousand of the population. In the "outer ring" the deaths included 14 from measles, 14 from diphtheria, 1 from scarlet fever, and 16 from whooping cough.

**Ireland.**—The average annual death rate represented by the deaths registered during the week ended May 28 in the 23 principal town districts of Ireland was 22.1 a thousand of the population. The lowest rate was recorded in Carrickfergus, viz, 7.3, and the highest in Sligo, viz, 34.2 a thousand. In Dublin and suburbs 155 deaths were registered, including enteric fever, 3; whooping cough, 3; diphtheria, 4; scarlet fever, 1, and measles, 1.

**Scotland.**—The deaths registered in 8 principal towns during the week ended May 28 correspond to an annual rate of 21.4 a thousand of the population, which is estimated at 1,568,536. The lowest mortality was recorded in Aberdeen, viz, 14.8, and the highest in Paisley, viz, 26.2 a thousand. The aggregate number of deaths registered from all causes was 647, including measles, 29; scarlet fever, 8; diphtheria, 4, and whooping cough, 31.

**ST. HELENA.**—Eight weeks ended May 7. Estimated population, 4,000. Total number of deaths, 14.

**WEST INDIES—St. Thomas.**—Four months ended April 30, 1898. Estimated population, 12,000. Total number of deaths, 76, including diphtheria, 2.

## 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.....	May 21.....	127,856	37								
Amapala.....	Apr. 16.....	1,500	0								
Do.....	Apr. 23.....	1,500	0								
Do.....	Apr. 30.....	1,500	0								
Do.....	May 7.....	1,500	0								
Do.....	May 14.....	1,500									
Amherstburg.....	June 4.....	2,300	1								
Amsterdam.....	May 23.....	507,047						1		2	1
Antofagasta.....	Apr. 30.....	14,000	6								
Antwerp.....	May 21.....	282,872	66					9		1	2
Belfast.....	do.....	304,610	146					13		1	3
Do.....	May 23.....	304,610	133					17	1	2	1
Belize.....	June 2.....	18,000	2								
Bellville.....	June 6.....	10,189	3								
Berlin.....	May 14.....	1,728,201	495					1	2	5	
Birmingham.....	May 23.....	505,772	168					1	1	2	
Bluefields.....	do.....	3,018	2							4	11
Bombay.....	May 10.....	700,000	a 725	2	2			2		6	
Do.....	May 17.....	700,000	b 616	4	2			1		4	
Bradford.....	May 21.....	231,260	151							2	2
Do.....	May 28.....	231,260	162						2	5	1
Bremen.....	May 21.....	143,500	46							3	
Brussels.....	do.....	482,158	183					3	1		2
Calcutta.....	Apr. 30.....	681,560	404	32	8					1	
Do.....	May 7.....	681,560	377	16	7						
Callao.....	May 8.....	25,000	13								
Do.....	May 15.....	25,000	24								
Cardiff.....	May 21.....	177,770	30							3	1
Do.....	May 28.....	177,770	46							4	1
Catania.....	May 26.....	120,000	57					1			1
Chemnitz.....	May 21.....	163,000	80			1		2	2		
Cologne.....	do.....	343,999	121				2		1	5	1
Colombo.....	May 7.....	130,000	78				1				1
Colon.....	May 25.....	8,000	3					1			
Do.....	June 1.....	8,000	3								
Copenhagen.....	May 21.....	351,000	151							1	3
Crefeld.....	May 23.....	110,000	35							1	
Dresden.....	May 14.....	381,400	139							2	1
Dublin.....	May 21.....	350,000	161			1	1	1			
Do.....	May 28.....	350,000	155				2				
Dundee.....	May 21.....	164,575	63					4	1	5	2
Edinburgh.....	do.....	295,628	101				1	4		3	1
Do.....	May 23.....	295,628	111				1	2	3	7	4
Flushing.....	do.....	17,198	5								
Frankfort on the Main.....	do.....	245,000	63							1	
Funchal.....	May 23.....	35,668	18								
Ghent.....	May 23.....	161,125	71							3	1
Girgenti.....	May 21.....	24,428	12								
Glasgow.....	do.....	724,349	308								
Do.....	May 23.....	724,349	325					2	3	15	22
Gothenburg.....	May 21.....	119,754	49					9	3	2	18
Guayaquil.....	May 20.....	50,000	60								
Do.....	May 27.....	50,000	50								
Halifax.....	June 4.....	38,700	16								
Hamburg.....	May 23.....	661,015	247					1		16	3
Hongkong.....	Apr. 30.....	261,258	c 194	3	1						
Honolulu.....	May 21.....	30,000	11								
Iquique.....	Apr. 9.....	33,106	26				2				
Do.....	Apr. 16.....	33,106	29				1				
Do.....	Apr. 23.....	33,106	34								
Do.....	Apr. 30.....	33,106	28								
Do.....	May 7.....	33,106	18								
Do.....	May 14.....	33,106	30								
Kingston.....	June 10.....	18,800	3								
Königsberg.....	May 21.....	171,700									
Leeds.....	May 23.....	416,618	137					4	3	2	6
Leghorn.....	May 22.....	104,053	38								
Do.....	May 27.....	104,053	41						1		
Leith.....	May 21.....	76,277	16								
Do.....	May 23.....	76,277	23								
Licata.....	May 21.....	20,000	80				1				

a Bubonic plague, 138 deaths.

b Bubonic plague, 107.

c Bubonic plague, 122.

## MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—							
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Liege.....	May 21.....	166,110	51	.....	.....	.....	.....	.....	.....	.....	2
Liverpool.....	do.....	647,489	282	.....	.....	.....	.....	3	6	2	4
Do.....	May 23.....	647,489	278	.....	.....	.....	1	1	3	4	10
London.....	May 21.....	6,408,321	1,734	.....	.....	.....	.....	3	17	39	95
Madras.....	May 6.....	452,518	340	1	.....	6	.....	.....	.....	.....	21
Do.....	May 13.....	452,518	385	.....	5	.....	.....	.....	.....	.....	.....
Magdeburg.....	Apr. 30.....	323,044	70	.....	.....	.....	.....	.....	.....	3	2
Manchester.....	May 21.....	541,296	198	.....	.....	.....	.....	2	2	.....	7
Do.....	May 23.....	541,296	223	.....	.....	.....	.....	3	.....	1	5
Mannheim.....	May 21.....	108,200	35	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	May 27.....	108,200	38	.....	.....	.....	.....	.....	.....	.....	.....
Maracaibo.....	May 7.....	50,000	15	.....	.....	.....	.....	.....	.....	.....	.....
Matamoras.....	June 3.....	16,304	5	.....	.....	.....	.....	.....	.....	.....	.....
Melbourne.....	Apr. 9.....	450,000	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Apr. 16.....	450,000	.....	.....	.....	.....	.....	10	.....	4	.....
Do.....	Apr. 23.....	450,000	.....	.....	.....	.....	.....	8	3	.....	.....
Do.....	Apr. 30.....	450,000	.....	.....	.....	.....	.....	4	.....	2	.....
Messina.....	May 23.....	107,000	35	.....	.....	.....	.....	2	.....	.....	.....
Montevideo.....	Apr. 23.....	215,061	52	.....	.....	.....	.....	.....	1	.....	.....
Do.....	Apr. 30.....	215,061	51	.....	.....	.....	.....	.....	.....	.....	.....
Moscow.....	May 14.....	1,000,000	507	.....	.....	3	.....	4	8	10	9
New Castle on Tyne.....	May 21.....	223,000	101	.....	.....	.....	.....	.....	.....	.....	8
Do.....	May 23.....	223,000	94	.....	.....	1	.....	1	.....	8	10
Nuremberg.....	May 7.....	189,720	102	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	May 14.....	189,720	83	.....	.....	.....	.....	.....	1	1	.....
Odessa.....	May 21.....	383,000	138	.....	.....	1	.....	.....	1	1	.....
Osaka and Hiogo.....	May 14.....	202,912	121	.....	.....	.....	.....	.....	.....	.....	.....
Palermo.....	May 21.....	273,000	121	.....	.....	.....	.....	.....	.....	.....	.....
Paris.....	do.....	2,511,955	927	.....	.....	.....	.....	2	.....	5	33
Pernambuco.....	May 2.....	200,000	117	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Apr. 9.....	200,000	106	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Apr. 16.....	200,000	103	.....	.....	.....	.....	1	.....	.....	.....
Do.....	Apr. 23.....	200,000	112	.....	.....	1	.....	.....	.....	.....	.....
Do.....	Apr. 30.....	200,000	103	.....	.....	.....	.....	1	.....	.....	.....
Plymouth.....	May 23.....	99,136	30	.....	.....	.....	.....	.....	.....	1	.....
Puerto Cabello.....	May 31.....	1,000	1	.....	.....	.....	.....	.....	.....	.....	.....
Schiedam.....	May 23.....	26,884	11	.....	.....	.....	.....	.....	.....	.....	.....
St. John.....	May 21.....	16,679	11	.....	.....	.....	.....	.....	.....	.....	.....
St. Petersburg.....	May 4.....	1,267,023	691	.....	.....	2	.....	37	14	23	9
St. Stephens.....	June 4.....	3,000	0	.....	.....	.....	.....	.....	.....	.....	.....
Sheffield.....	May 23.....	358,742	111	.....	.....	.....	.....	.....	3	2	2
Stettin.....	May 21.....	150,000	34	.....	.....	.....	.....	.....	.....	1	.....
Stockholm.....	do.....	283,550	109	.....	.....	.....	.....	.....	3	4	2
Stuttgart.....	May 23.....	158,373	70	.....	.....	.....	.....	.....	.....	.....	.....
Sunderland.....	May 21.....	143,849	67	.....	.....	.....	.....	.....	.....	.....	.....
Teguicgalpa.....	May 15.....	12,000	2	.....	.....	.....	.....	.....	.....	.....	.....
Trapani.....	May 21.....	45,095	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trieste.....	do.....	165,000	79	.....	.....	.....	.....	.....	.....	.....	.....
Vera Cruz.....	June 2.....	30,000	34	.....	.....	.....	.....	.....	.....	.....	.....
Vienna.....	May 7.....	1,590,295	752	.....	.....	.....	.....	.....	.....	.....	.....
Winnipeg.....	May 23.....	35,733	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	June 4.....	35,736	.....	.....	.....	.....	.....	.....	.....	.....	.....
Zurich.....	May 21.....	158,968	49	.....	.....	.....	.....	.....	.....	.....	.....

By authority of the Secretary of the Treasury :

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