

Public Health Reports

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

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UNITED STATES.

National Maritime Quarantine, Montauk Point, Long Island, N. Y.

Statement of transports which have arrived at Montauk Point (Camp Wikoff) August 16 to August 25, showing number of troops arriving thereon, number of sick, and number of yellow fever cases and deaths reported to have occurred on same.

Date.	Name of transport.	Number of troops.	Number of sick.	Remarks.
Aug. 18	Ss. Comanche.....	488	114	No yellow fever.
Aug. 19	Ss. Mobile.....	1,600	300	No yellow fever; 10 deaths en route.
Aug. 20	Ss. Rio Grande.....	636	30	No yellow fever.
Do...	Ss. Breakwater.....	345	50	No yellow fever; 8 deaths en route.
Do...	Ss. Olivette.....	275	30	No yellow fever; 8 deaths en route. Steamship Olivette ordered to Boston to place sick in hospital there. Left August 22.
Aug. 21	Ss. City of Macon...	462	92	No yellow fever; 2 deaths en route.
Do...	Ss. Montero.....	312	20	No yellow fever.
Aug. 22	Ss. Leona.....	528	104	Do.
Aug. 23	Ss. Resolute.....	688	61	No yellow fever; no deaths.
Do...	Ss. Badger.....	186	82	Do.
Do...	Ss. Arcadia.....	185	27	Do.
Aug. 24	Ss. Yale.....	1,069	178	No yellow fever; 1 death en route.
Aug. 25	Ss. Mohawk.....	1,199	130	One suspicious case; 1 death en route.

The yellow fever situation at Key West.

No new cases of yellow fever at Key West have been reported since the 17th instant, and State Health Officer Porter has not as yet concurred in the diagnosis of yellow fever, which was originally made by Dr. Sweeting, the local representative of the Florida State board of health, and afterwards confirmed by a consultation of physicians, of whom Passed Assistant Surgeon G. M. Guit ras, United States Marine-Hospital Service, was one.

Surgeon R. D. Murray and Surgeon A. H. Glennan have arrived at Key West, and the former, while reserving his opinion for the present,

admits that the cases are very suspicious ones. In the meantime, precautions are being observed with reference to the exportation of the disease.

No one not immune (and they only after thorough disinfection of their effects) has, since the 18th instant, been permitted to leave the city except through the United States Marine-Hospital Service Camp of Detention at Egmont Key, Fla., to which place those desirous of leaving the city have to be removed and held for observation during the period of incubation of yellow fever. Seventy-three persons were sent to this camp on the 22d instant. Those leaving under these conditions are furnished with a certificate of health by the State health officer, which allows the bearer to proceed to other parts of Florida or elsewhere.

Arrangements have been completed for a marine patrol of the island of Key West by revenue cutter and naval tugs to prevent surreptitious transportation of passengers and their effects, by means of small vessels, from Key West to points on the adjacent mainland. A guard has been stationed at the north end of the island for the same purpose, and Surgeon P. C. Kalloch and Passed Assistant Surgeon J. B. Stoner, United States Marine-Hospital Service, have been ordered to the east coast of Florida to aid in the prevention of such communication. Their arrival has been reported.

One case of yellow fever at Tortugas Quarantine.

[Telegram.]

The following telegram has been received from Passed Assistant Surgeon L. L. Williams, United States Marine-Hospital Service, in command of the National Quarantine Station at Tortugas, Fla.:

AUGUST 19, 1898.—Lieutenant Lewis, officer of the Texas Volunteers, ill here with yellow fever. He left Key West on the 16th, and was taken ill yesterday. He was removed to Bird Key to-day. I believe I can destroy focus.

One case of yellow fever at South Atlantic Quarantine.

On the 19th instant the United States steamship *Woodbury* (a revenue cutter, attached to the Navy during the war with Spain) arrived at Charleston Quarantine from Key West, Fla., and on being boarded by the health officer was found to have a suspicious case of fever. The vessel was remanded to South Atlantic Quarantine Station for disinfection and treatment. In regard to this case the medical officer in command at that quarantine station reports under date of the 21st instant that 1 case of suspected yellow fever from the *Woodbury* has been isolated.

On the 23d instant the case removed from the *Woodbury* was reported to be a case of yellow fever. The vessel has been disinfected, and is being held for observation.

Yellow fever at Franklin, La.

Under date of August 19, 1898, Surgeon H. R. Carter, United States Marine-Hospital Service, reported that there were no new developments and no new suspicious cases at Franklin, La. The sheds and buildings, which were old wooden structures and which were supposed to have been the source of infection in the fatal case of yellow fever which occurred there on the 11th instant, have been burned, together with the adjacent ground and all trash and possible fomites within what is thought to be a sufficiently large space to preclude the spread of infection.

No new cases were reported on the 20th. Disinfection reported to be almost completed. On the 22d the condition of affairs at Franklin was reported to be unchanged.

FRANKLIN, LA., *August 22, 1898.*

SIR: There has been no case of yellow fever reported since the death of Hopkins. I have been to see the men, 3, who were directly exposed to infection and sickened with fever; 2 were certainly not yellow fever, and the other presented no distinctive symptoms of it.

All whom I could trace as having been exposed to the (presumable) infection from the sick man have been under daily observation by Dr. Beverly Smith, and in three more days the ten days from last exposure will have passed. Similarly I have followed up those who had been exposed to the original source (hypothetical) of infection. Here there was less accuracy in their determination. The premises adjudged infected were immediately vacated and put under guard, and the most essential disinfection done as soon as we could, working in two gangs. The work was completed thoroughly, I believe, at our leisure.

There has been a fairly good cordon around the town, guarding all roads and paths and the bayou, so that one could not ride or drive out of Franklin. In addition, the part of St. Marys Parish between the Atchafalaya and its western boundary has had a railroad quarantine, no passenger or through freight trains stopping in it. The cordon has been well managed, partly paid by the town and partly by the Service, the town being unable to bear the whole expense. The railroad quarantine against the parish outside of Franklin will be raised to-morrow.

There is a high probability that the opinion expressed in my telegram that the old building partly torn down and partly repaired was the original source of infection is correct.

If it be not, of course the original source still exists; if so, it should show its presence by producing other cases of fever before the quarantine is raised, about September 1 or 2. This, however, I feel to be the real danger, and this also is the reason for holding the quarantine and inspection on longer than usual.

I believe the disinfection has been thorough. All who engaged in it, and in tearing down and burning the remainder of the building—some being of doubtful immunity and some nonimmunes—are still being inspected daily.

Whether there may not have been light cases of yellow fever unreported it is hard to say; if there have been there will be some grave enough to be noted prior to September 1.

Respectfully, yours,

H. R. CARTER,
Surgeon, U. S. M. H. S.

On the 23d instant Surgeon Carter reported that a very suspicious case had been detained under observation, and on the 24th instant he telegraphed as follows:

The case reported as suspicious is one of yellow fever. It may be from former focus. The case is under guard. He had been ill one day when discovered.

Some of the industries here have shut down and others will, and it may be necessary to open a laborer's detention camp, as the men out of work will evade quarantine. I am making provisional arrangements.

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

Report of smallpox in Mobile.

MOBILE, ALA., August 17, 1898.

SIR: I have the honor to state that 5 cases of smallpox have been sent to the county pesthouse from this city during the past two weeks. The persons were from one locality, and the assumed origin is a Louisville and Nashville railroad employee, but the individual is not known.

I am, very respectfully, your obedient servant,

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

Smallpox in New Mexico.

Under date of August 13, 1898, the United States sanitary inspector at El Paso, Tex., reports as follows concerning smallpox in New Mexico:

There is a considerable epidemic of smallpox in the Territory of New Mexico, but there is no possibility of the disease getting a foothold in El Paso, Tex. All arriving trains are carefully watched for a hundred miles or so north of El Paso. I have vaccinated almost every child in the different public schools and others that have applied to be vaccinated. All trainmen are vaccinated. Just now there are 15 cases in Albuquerque, a city of about 10,000 inhabitants, about 150 miles north of El Paso. All but 2 of the patients are practically well, but are still quarantined.

Precautions with regard to the importation of yellow fever from Mexico.

EAGLE PASS, TEX., August 9, 1898.

SIR: I beg to inform you that yellow fever exists at Vera Cruz and Tampico, and that reports reaching here to-day would indicate that there are a few cases in Monterey. I would respectfully ask authority to employ 1 man for several months to be stationed on the bridge and examine passengers, or if, in your opinion, it is justifiable, 2 men, to have a day and night watch. We have 2 people here now in quarantine from Vera Cruz. If satisfactory, please advise by wire.

Very respectfully,

C. C. DEAKE,
Collector of Customs.

NOTE.—In accordance with the request contained in the above letter, the collector of customs at Eagle Pass, Tex., has been given authority to employ 2 men as requested, or a day and night watch.

Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, January 1 to August 26, 1898.

Places.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Bessemer.....	Jan. 6-Feb. 19....	143		
Birmingham.....	Jan. 6-Feb. 19....	47		
	May 13.....	15		
In Jefferson county, outside of the city.....	Feb. 6-Feb. 19....	26		
Carneys Bluff.....	Feb. 17.....			Smallpox reported.
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-June 12....	30		
Jackson.....	Feb. 17.....	10		
Letohatchie.....	May 13.....	50		
	July 30.....	25		
Mobile.....	Feb. 5-June 15....	82	1	Three miles from town.
	July 1-Aug. 17....	9		
Montevallo.....	Mar. 3.....	1		
Montgomery.....	June 29.....	2		
Newton.....	Jan. 15-Feb. 2....	7		
Nichols.....	Feb. 17.....			Smallpox reported.
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.
Wayne County.....	June 23-July 1....	2		
Whistler.....	June 4-June 15....	1		
Arkansas:				
Beebe.....	June 30.....	1		
Fair Oaks.....	Mar. 1.....	5		
Hot Springs.....	June 30.....	2		
Little Rock and vicinity.....	Mar. 31-May 20....	110	1	
Newport.....	Apr. 28.....	1		
Sweet Home.....	May 20.....	11	1	
Colorado:				
Boulder County.....	June 24-July 26....	5		
Colorado Cañon.....	Aug. 8.....	7		
Las Animas County.....	July 26.....	5		
District of Columbia:				
Washington.....	Feb. 7.....	1		Naval Hospital.
	Apr. 2-May 5.....	9		
	Aug. 13.....	1		
Florida:				
Bartow.....	June 25.....	1		
Bluff Springs.....	June 18.....	1		
Jacksonville.....	Mar. 20-Mar. 26....	1		
Pensacola.....	Apr. 24-May 11....	2		
Washington County.....	Jan. 24.....	12		
Georgia:				
Atlanta.....	Jan. 17-Feb. 16....	178	2	Most cases from county.
	May 27-July 27....	2		
Cartersville.....	Jan. 15-Mar. 1....	9	1	
Griffin.....	Feb. 12.....	2		
Macon.....	Jan. 15-June 1....	100	3	
Stilesboro.....	Jan. 15.....			Smallpox reported.
Illinois:				
Chicago.....	May 4.....	1		
Indiana:				
Evansville.....	Feb. 26.....	1		
Kentucky:				
Butler.....	Feb. 8-Feb. 24....	1		
Louisville.....	Apr. 16.....	1		
Middlesborough.....	Feb. 3-Apr. 7.....	183	2	
Laurel County.....	July 20.....			Do.
Clay County.....	July 20.....			Do.
Jackson County.....	July 20.....			Do.
Louisiana:				
New Orleans.....	Mar. 13-May 21....	5		
Massachusetts:				
Greenfield.....	Feb. 5-Feb. 22....	1		
Westfield.....	Feb. 20-Mar. 2....	1		

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Michigan:				
Ionia.....	Mar. 20-Apr. 23....	.....	.....	Smallpox reported.
Royal Oak.....	Feb. 12-Mar. 12....	1	.....
Seneca Township.....	Aug. 6.....	1	.....
Mississippi:				
Basin.....	May 16.....	7	.....	Cases reported.
Chicoara.....	June 23-July 1....	.....	.....
Denny.....	May 16-May 31....	19	.....
Hattiesburg.....	June 4-June 15....	4	.....
Hendersons Point.....	Feb. 8.....	3	.....
Laurel ..	May 28-July 28....	11	.....
Meridian.....	July 28.....	2	.....
Moss Point.....	Feb. 15.....	1	.....	Several cases.
Ocean Springs.....	Feb. 20.....	3	.....
Prairie.....	June 4-June 15....	.....	.....
State Line.....	June 23-July 1....	1	.....
Shubuta, Clark County.....	May 28-June 15....	50	.....
New Jersey:				
Westfield.....	Mar. 4.....	1	.....
New Mexico:				
Albuquerque and vicinity....	Mar. 5-Aug. 2....	40	8	Smallpox reported prevalent along the line of the Santa Fe R. R. August 4, 1898.
New York:				
Buffalo.....	May 21-June 18....	1	.....
Deposit.....	Nov. 1-Nov. 30....	1	.....
New York City.....	May 14-May 21....	1	.....
North Carolina:				
Alamance County.....	Feb. 18-Feb. 25....	1	.....	In one family.
Asheville.....	Apr. 14-July 19....	1	.....
Buncombe County.....	Apr. 16.....	1	.....
Catawaba.....	July 19.....	6	.....
Charlotte.....	Jan. 25-Feb. 12....	4	.....
Clay County.....	Feb. 15-Feb. 24....	3	.....
Cleveland.....	July 19.....	7	.....
Durham.....	do.....	1	.....	18 found recovered; total, 20 cases.
Elmwood ..	do.....	2	.....
Iredell County.....	May 19-June 2....	9	.....
Mooresville.....	July 19.....	1	.....
Reidsville.....	do.....	1	.....
Wilmington.....	Jan. 12.....	1	.....
Wilson County.....	May 28.....	1	.....
Ohio:				
Bays.....	July 14.....	2	.....
Cincinnati.....	May 5.....	1	.....
Columbus.....	Apr. 16-Apr. 22....	1	.....
Delphos.....	May 4-July 14....	15	.....
Fairfield County.....	Apr. 8-May 11....	12	1	
Goshen.....	July 28.....	15	.....
Van Wert.....	June 23-July 15....	13	.....
Pennsylvania:				
Dunbar.....	June 23-July 13 ...	6	.....
Philadelphia.....	Apr. 13.....	2	.....
South Carolina:				
Arkwright.....	Mar. 25.....	9	.....	Smallpox reported.
Beaufort.....	Jan. 17.....	.....	.....
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-July 26....	4	.....	Do.
Sumter.....	May 2.....	12	.....
Swansea.....	Jan. 15.....	.....	.....	Do.
Tennessee:				
Bristol.....	Mar. 1-Mar. 31....	1	.....
Chattanooga.....	Jan. 1-Apr. 30....	21	.....
Cleveland.....	Apr. 1-Apr. 30....	6	.....
Elk Valley.....	July 1-July 31....	12	.....
Huntington (near).....	Mar. 1-Mar. 31....	1	.....
Jellico.....	Jan. 1-Jan. 29....	1	.....
Johnson City.....	Feb. 1-Mar. 31....	9	.....
Knoxville.....	Feb. 1-Mar. 31....	13	.....
Lenoir City.....	Jan. 1-Apr. 30....	43	.....
Memphis.....	Jan. 1-Feb. 28....	5	.....
Memphis.....	Jan. 22-Apr. 30....	4	.....
Memphis.....	July 1-July 31....	2	.....

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Tennessee—Continued.				
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		
Texas:				
Brownsville.....	Feb. 26.....	1		
Columbus.....	Feb. 2-Apr. 2....	30	7	Smallpox reported.
Virginia:				
Colburn.....	Feb. 1.....			Do.
Norfolk.....	Mar. 1-Mar. 10....	2		
Norton.....	Feb. 1.....			Do.
West Virginia:				
Bluefield.....	Feb. 25.....	5		
Fayette County.....	May 6.....	8		
Mercer County.....	May 6.....	6		
McDowell County.....	May 6.....	12		
Wisconsin:				
Milwaukee.....	May 19.....	1		
Oshkosh.....	Apr. 28.....	1		

Report of immigration at Boston for the week ended August 20, 1898.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Boston, August 20, 1898.

*Number of alien immigrants who arrived at this port during the week ended August 20, 1898;
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Aug. 14	Steamship Yarmouth.....	Yarmouth, Nova Scotia.....	65
Aug. 15	Schooner Race Horse.....	Weymouth, Nova Scotia.....	1
Do.....	Steamship Beverly.....	Port Morant, Jamaica.....	46
Do.....	Schooner Mary Eleanor.....	Nowville, Province Quebec.....	1
Aug. 16	Steamship Prince Edward.....	Yarmouth, Nova Scotia.....	32
Do.....	Steamship Sachem.....	Liverpool, England.....	24
Do.....	Steamship Peruvian.....	Glasgow, Scotland.....	47
Aug. 17	Steamship Philadelphian.....	Liverpool, England.....	29
Do.....	Steamship Boston.....	Yarmouth, Nova Scotia.....	39
Do.....	Schooner St. Marie.....	St. George, Bermuda.....	2
Do.....	Steamship Megantic.....	London, England.....	21
Aug. 18	Steamship Yarmouth.....	Yarmouth, Nova Scotia.....	34
Aug. 19	Steamship Halifax.....	Halifax, Nova Scotia.....	99
Do.....	Steamship Corinthia.....	Liverpool, England.....	23
Do.....	Steamship Prince Edward.....	Yarmouth, Nova Scotia.....	27
Do.....	Steamship Pro Patria.....	St. Pierre, Miquelon.....	6
Do.....	Steamship Canada.....	Liverpool, England.....	246
Aug. 20	Steamship Boston.....	Yarmouth, Nova Scotia.....	52
Do.....	Steamship British Empire.....	London, England.....	2
Total.....			796

GEORGE B. BILLINGS,
Commissioner.

*Report of immigration at New York for the week ended August 20, 1898.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of New York, August 22, 1898.**Number of alien immigrants who arrived at this port during the week ended August 20, 1898;
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of im- migrants.
Aug. 14	Steamship Tartar Prince.....	Genoa and Naples.....	696
Aug. 15	Steamship La Normandie.....	Havre.....	162
Do.....	Steamship Furnessia.....	Glasgow.....	144
Do.....	Steamship Maasdam.....	Rotterdam.....	131
Aug. 17	Steamship Nordland.....	Antwerp.....	194
Aug. 18	Steamship California.....	Marseilles and Naples.....	477
Do.....	Steamship H. H. Meier.....	Bremen.....	160
Do.....	Steamship Servia.....	Liverpool and Queenstown.....	98
Do.....	Steamship Trave.....	Bremen.....	124
Do.....	Steamship Germanic.....	Liverpool and Queenstown.....	158
Aug. 19	Steamship Chernuskia.....	Hamburg.....	50
Do.....	Steamship Patria.....	do.....	148
Do.....	Steamship Fuerst Bismarck.....	do.....	207
Total.....			2,744

EDW. F. MCSWEENEY,
*Acting Commissioner.**Report of immigration at Philadelphia for the week ended August 20, 1898.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of Philadelphia, August 20, 1898.**Number of alien immigrants who arrived at this port during the week ended August 20,
1898; also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of im- migrants.
Aug. 15	Steamship Rhyndland.....	Liverpool and Queenstown.....	124
Aug. 18	Steamship Nederland.....	Antwerp.....	100
Total.....			224

J. L. HUGHES,
Acting 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.	Aug. 20	Nor. bk. <i>Æolus</i> (a)	Aug. 2	Bahia	Brunswick	Disinfected and held.	Aug. 11	No transactions.	2
Brunswick, Ga.	Aug. 13	Am. sc. James Judge.	Aug. 8	Guantanamo Bay.	do.	do.	Aug. 13		
Cape Charles, Va.	Aug. 20	Br. bk. Antigua.	Aug. 10	Rio	do.	do.			10
		Am. sc. Wm. B. Palmer.	Aug. 17	Guantanamo Bay.	Newport News	Inspected and held.			
		Am. sc. Mary E. Palmer.	do.	do.	do.	do.			
Cape Fear, N. C.	Aug. 11	U. S. ss. Olive.	Aug. 19	Santiago	Hampton Roads.	do.	Aug. 19	Transport ordered to Montauk Point, L. I.	1
Del. Breakwater, Del.	Aug. 13	Nor. bk. Vasco da Gama. (a)	July 27	Pernambuco.	Wilmington, N. C.	do.	Aug. 10		4
Eureka, Cal.	Aug. 17							No transactions.	2
Grays Harbor, Wash.	Aug. 13	Nor. bk. Celer (a).	Aug. 1	Bahia.	Pascagoula.	Disinfected and held.	Aug. 10	do.	
Gulf Quarantine, Ship Island, Miss.		Nor. bk. Carl Haasted (a)	Aug. 2	Pernambuco.	Mobile.	do.			
		Br. ss. Dunottar.	Aug. 7	Rio via St. Lucia.	do.	do.	Aug. 13		
		Am. sc. Millie Williams.	Aug. 9	Vera Cruz.	Pascagoula.	do.			
		Am. sc. Harbald J. McCarty.	Aug. 10	Limon, Costa Rica.	do.	do.			
		Br. ss. Cairncraig.	Aug. 13	Buenos Ayres via St. Lucia.	Mobile.	do.			
Newbern, N. C.	Aug. 20	Jap. ss. Riojun Maru.	Aug. 12	Hongkong.	Seattle.	Steerage and quarters of crew sprayed with bi-chloride solution, 1-800.	Aug. 13	No transactions. 30 steerage and 78 crew bathed and their effects, including bedding, disinfected with steam or bi-chloride. 32 Asiatics vaccinated.	8
Port Townsend, Wash.	Aug. 13								
Reedy Island, Del.	do.								17
	Aug. 20								22

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.....	Aug. 20							No report.....	1
Apalachicola, Fla.....									
Baltimore, Md.....	Aug. 20							No report.....	19
Bangor, Me.....								do.....	
Boston, Mass.....								do.....	
Carrabelle, Fla.....	Aug. 13								18
Cedar Keys, Fla.....	Aug. 20	U. S. torpedo boat Ericsson.	Aug. 17	Key West, Fla	Norfolk, Va...	Held for disinfection.....	Aug. 18	Went to sea from quarantine without disinfection.	3
Charleston, S. C.....								do.....	
		U. S. torpedo boat Foote.	Aug. 18	do.....	do.....	do.....	Aug. 19	do.....	
		U. S. cruiser Hudson.	do.....	do.....	do.....	do.....	do.....	do.....	
		U. S. cruiser Calumet.	do.....	do.....	do.....	do.....	do.....	do.....	
		U. S. cruiser Woodbury.	Aug. 19	do.....	do.....	Ordered to South Atlantic quarantine.	do.....		
		Am. yt. Mindora.	Aug. 20	do.....	New York...	Held for disinfection.....	Aug. 20	Went to sea from quarantine without disinfection.	
		U. S. cruiser Sylva.	do.....	do.....	Norfolk.....	do.....			
Charlotte Harbor, Fla.....	Aug. 13							No transactions.....	2
Elizabeth River, Va.....	Aug. 20								11
Galveston, Tex.....	do.....							No report.....	
Gardiner, Oreg.....								do.....	
Georgetown, S. C.....								do.....	3
Key West, Monroe Co., Fla.	Aug. 13	Am. st. yt. Mindora.	Aug. 11	St. Thomas.....	Key West.....	Disinfected and held.....		No transactions.....	11
Los Angeles, Cal.....	do.....								12
Mayport, Fla.....	Aug. 20							No report.....	13
Mobile Bay, Ala.....	do.....							do.....	
New Bedford, Mass.....									6
New Orleans, La.....									
Newport News, Va.....	Aug. 20								

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.
Tampa Bay, Fla.....	Aug. 13	U. S. transport Santiago. (a)	July 29	Santiago, de Cuba.	Port Tampa...	Disinfected and held.....	Aug. 7	.....	11
		U. S. transport Yucatan. (a)	July 31	.....do.....	.....do.....	.....do.....	Aug. 13	.....	.....
		U. S. transport Conal. (a)	Aug. 1	.....do.....	.....do.....	.....do.....	.....	.....	.....
		U. S. transport Aleguany. (a)	Aug. 4	.....do.....	.....do.....	.....do.....	Aug. 11	.....	.....
		U. S. transport Saratoga. (a)	.....do.....	.....do.....	.....do.....	.....do.....	Aug. 12	.....	.....
		U. S. transport San Marcos. (a)	.....do.....	.....do.....	.....do.....	.....do.....	.....	.....	.....
		U. S. transport Seguranc. (a)	.....do.....	.....do.....	.....do.....	Held for disinfection.....	Aug. 8	Left for New York without disinfection.	.....
		U. S. transport Knickerbocker. (a)	Aug. 5	.....do.....	.....do.....	.....do.....	Aug. 12	.....	.....

a Previously reported.

Reports of States and yearly and monthly reports of cities.

ALABAMA—*Mobile*.—Month of July, 1898. Estimated population, 31,076. Total number of deaths, 118, including enteric fever, 6, and 10 from phthisis pulmonalis.

CALIFORNIA—*Oakland*.—Month of July, 1898. Estimated population, 75,000. Total number of deaths, 73, including diphtheria, 1; enteric fever, 2, and 7 from phthisis pulmonalis.

COLORADO—*Denver*.—Month of June, 1898. Estimated population, 167,000. Total number of deaths, 150, including diphtheria, 3; scarlet fever, 4, and 4 from whooping cough.

Month of July, 1898. Total number of deaths, 160, including diphtheria, 3, and 1 from whooping cough.

CONNECTICUT.—Month of June, 1898. Reports to the State board of health from 168 towns having an aggregate population of 893,060, show a total of 1,225 deaths, including diphtheria, 12; enteric fever, 5; measles, 2; scarlet fever, 3; whooping cough, 12, and 87 from phthisis pulmonalis.

FLORIDA.—Month of May, 1898. Reports to the State board of health from 45 counties, having an aggregate population of 391,422, show a total of 265, including diphtheria, 2; enteric fever, 10; whooping cough, 1, and 36 from phthisis pulmonalis.

Month of June, 1898. Total number of deaths, 336, including enteric fever, 28; measles, 1; whooping cough, 3, and 31 from phthisis pulmonalis.

MASSACHUSETTS—*North Attleboro*.—Month of May, 1898. Estimated population, 7,000. Total number of deaths, 9, including 2 from measles.

Month of June, 1898. Total number of deaths, 7.

Month of July, 1898. Total number of deaths, 6.

Worcester.—Month of July, 1898. Estimated population, 106,202. Total number of deaths, 145, including diphtheria, 2; whooping cough, 2, and 20 from phthisis pulmonalis.

MICHIGAN.—Reports to the State board of health, Lansing, for the week ended August 13, from 74 observers, indicate that measles, inflammation of bowels, phthisis pulmonalis, inflammation of kidney, and dysentery increased in area of prevalence. Phthisis pulmonalis was reported present at 182, enteric fever at 46, measles at 26, whooping cough at 19, scarlet fever at 16, diphtheria at 14 places, and small-pox at 1 place.

Month of July, 1898. The aggregate population promptly reporting was, according to the census of 1894, 2,169,572, or 98.26 per cent of the population. The total number of deaths reported in Michigan during July was 2,217, an increase of 162 over the preceding month. The death rate was 11.3 per 1,000 reporting population, as compared with a rate of 11.0 for June. The slight increase in mortality is due to seasonal conditions, which affect the city rates especially, and

is probably less marked than in the average year. On the whole, July was a very favorable month. There were 500 deaths of children under 1 year of age, as compared with 339 in June, and 157 deaths of children aged from 1 to 4 years, as compared with 132 in the preceding month. Thus the characteristic feature of the month is seen to be the increasing mortality of infants and children, premonitory of the excessive death rates of this portion of the population in August and September.

Only 162 deaths occurred from consumption. This is the smallest number reported for this disease since the beginning of registration, and, except for the month of October, 1897, is the first marked fall from the average of about 200 deaths per month. Typhoid fever caused 21 deaths, which was decidedly below the average. Diphtheria and croup caused 19 deaths; scarlet fever, 1; measles, 11; whooping cough, 40; pneumonia, 77; diarrheal diseases of children, 267; and cerebro-spinal meningitis, 31. Whooping cough and diarrheal diseases of children showed the largest amounts of increase for the month.

Grand Rapids.—Month of July, 1898. Estimated population, 90,000. Total number of deaths, 62, including 10 from phthisis pulmonalis.

MINNESOTA—*Duluth.*—Month of July, 1898. Estimated population, 60,000. Total number of deaths 51, including measles 3, and 4 from phthisis pulmonalis.

Minneapolis.—Month of July, 1898. Estimated population, 192,833. Total number of deaths, 165, including diphtheria, 3; enteric fever 10, and 24 from phthisis pulmonalis.

St. Paul.—Month of July, 1898. Estimated population, 215,582. Total number of deaths 150, including diphtheria, 2; scarlet fever, 2; whooping cough, 1, and 25 from phthisis pulmonalis.

NEW YORK—*Auburn.*—Month of July, 1898. Estimated population, 30,000. Total number of deaths, 22, including diphtheria, 1, and 2 from phthisis pulmonalis.

OHIO.—Reports to the State board of health for the month of July, 1898, from 36 localities having an aggregate population of 1,256,033, show a total of 6 deaths from diphtheria, 16 from enteric fever, 1 from measles, 2 from scarlet fever, and 4 from whooping cough.

Cleveland.—Month of July, 1898. Estimated population, 370,000. Total number of deaths, 517, including diphtheria, 1; enteric fever, 6; scarlet fever, 1, and 12 from phthisis pulmonalis.

WISCONSIN—*Milwaukee.*—Month of July, 1898. Estimated population, 275,000. Total number of deaths, 248, including diphtheria, 3; enteric fever, 7; whooping cough, 5, and 25 from phthisis pulmonalis.

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.
Binghamton, N. Y.	Aug. 20.	35,006	18	2	.....	.....	.....	.....	.....	.....	1	.....	.....
Boston, Mass.	do.	448,477	282	16	.....	.....	.....	.....	5	.....	.....	2	1
Brockton, Mass.	Aug. 13.	27,294	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bucyrus, Ohio.	Aug. 20.	5,974	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cambridge, Mass.	do.	70,028	36	4	.....	.....	.....	.....	.....	.....	.....	.....	.....
Charleston, S. C.	Aug. 13.	554,955	635	3	.....	.....	.....	.....	3	.....	.....	.....	.....
Cincinnati, Ohio.	Aug. 19.	296,908	64	5	.....	.....	.....	.....	.....	.....	2	.....	.....
Dayton, Ohio.	do.	61,220	31	2	.....	.....	.....	.....	1	.....	.....	.....	.....
Denver, Colo.	Aug. 6.	106,713	35	6	.....	.....	.....	.....	2	.....	.....	.....	.....
Do.	Aug. 13.	106,713	30	6	.....	.....	.....	.....	2	.....	1	.....	.....
Dubois, Pa.	do.	6,149	3	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Erie, Pa.	Aug. 20.	40,684	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Everett, Mass.	Aug. 13.	11,068	7	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Fall River, Mass.	Aug. 20.	74,898	54	5	.....	.....	.....	.....	.....	1	.....	.....	.....
Fitchburg, Mass.	Aug. 13.	22,037	10	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Flint, Mich.	Aug. 20.	9,808	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Grand Rapids, Mich.	do.	60,278	28	1	.....	.....	.....	.....	1	.....	.....	.....	.....
Green Bay, Wis.	Aug. 13.	9,069	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Haverhill, Mass.	Aug. 20.	27,412	14	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hoboken, N. J.	do.	43,648	18	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jacksonville, Fla.	Aug. 13.	17,201	22	.....	.....	.....	.....	.....	9	.....	.....	.....	.....
Jersey City, N. J.	Aug. 14.	163,003	75	10	.....	.....	.....	.....	1	.....	2	.....	.....
Do.	Aug. 21.	163,003	73	7	.....	.....	.....	.....	1	1	.....	1	1
Lancaster, Pa.	Aug. 13.	32,011	11	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.	Aug. 20.	32,011	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lawrence, Mass.	Aug. 13.	44,654	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lowell, Mass.	Aug. 20.	77,696	44	7	.....	.....	.....	.....	.....	.....	.....	.....	2
Lynchburg, Va.	do.	19,709	10	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massillon, Ohio.	Aug. 13.	10,092	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medford, Mass.	Aug. 20.	11,079	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Melrose, Mass.	Aug. 13.	8,519	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Memphis, Tenn.	Aug. 20.	64,495	25	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Michigan City, Ind.	do.	10,776	5	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Middletown, N. Y.	Aug. 15.	11,977	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milwaukee, Wis.	Aug. 20.	204,468	90	8	.....	.....	.....	.....	1	.....	.....	.....	3
Minneapolis, Minn.	Aug. 13.	164,738	48	6	.....	.....	.....	.....	1	.....	.....	.....	1
Nashville, Tenn.	Aug. 20.	76,168	21	1	.....	.....	.....	.....	1	.....	.....	.....	.....
New Bedford, Mass.	do.	40,733	36	2	.....	.....	.....	.....	1	.....	.....	.....	.....
Newburyport, Mass.	Aug. 13.	13,947	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Orleans, La.	do.	242,039	111	17	.....	.....	.....	.....	8	.....	.....	.....	2
Newport, R. I.	Aug. 20.	19,457	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York, N. Y.	do.	3,458,899	1,341	132	.....	.....	.....	.....	18	5	13	6	17
Norristown, Pa.	do.	19,791	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
North Adams, Mass.	Aug. 13.	16,074	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.	Aug. 20.	16,074	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oakland, Cal.	July 9.	46,682	16	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Do.	July 16.	46,682	19	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.	July 23.	46,682	17	1	.....	.....	.....	.....	.....	.....	1	.....	.....
Do.	July 30.	46,682	16	4	.....	.....	.....	.....	1	.....	.....	.....	.....
Do.	Aug. 6.	46,682	12	3	.....	.....	.....	.....	1	.....	.....	.....	.....
Omaha, Nebr.	Aug. 13.	140,452	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oneonta, N. Y.	Aug. 20.	6,272	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Orange, N. J.	do.	18,844	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Petersburg, Va.	Aug. 14.	22,680	7	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Philadelphia, Pa.	July 30.	1,046,964	465	61	.....	.....	.....	.....	10	2	10	.....	5
Do.	Aug. 6.	1,046,964	444	40	.....	.....	.....	.....	19	1	10	1	4
Do.	Aug. 13.	1,046,964	443	52	.....	.....	.....	.....	13	.....	2	.....	3
Do.	Aug. 20.	1,046,964	446	50	.....	.....	.....	.....	8	1	16	.....	5
Pittsburg, Pa.	Aug. 13.	238,617	104	11	.....	.....	.....	.....	1	1	.....	.....	5
Pittsfield, Mass.	Aug. 20.	17,281	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plainfield, N. J.	Aug. 13.	11,267	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.	Aug. 20.	11,267	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Portland, Me.	do.	36,425	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pottstown, Pa.	Aug. 5.	13,284	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.	Aug. 12.	13,284	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.	Aug. 19.	13,284	6	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Providence, R. I.	Aug. 20.	132,146	69	6	.....	.....	.....	.....	2	.....	1	.....	3
Pueblo, Colo.	Aug. 13.	24,558	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Salt Lake City, Utah.	do.	44,843	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
San Diego, Cal.	Aug. 6.	16,159	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.	Aug. 13.	16,159	4	.....	.....	.....	.....	.....	2	.....	.....	.....	.....

a Estimated population, white, 23,870; colored, 36,296; total, 60,166. b White, 10; colored, 25.

c Estimated.

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 pul- monalis.	Yellow fever.	Smallpox.	Variceloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.
San Jose, Cal.....	Aug. 18....	18,060	2	1	.....	.....	.....	.....	.....	.....	.....	.....
Sault Ste. Marie, Mich.....	.....do.....	5,760	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Scranton, Pa.....	Aug. 20....	75,215	18	.....	.....	.....	.....	.....	.....	1	.....	.....
Spokane, Wash.....	Aug. 13....	19,922	13	2	.....	.....	.....	.....	.....	.....	.....	.....
Waltham, Mass.....	Aug. 20....	18,707	6	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington, D. C.....	Aug. 13....	230,392	96	17	.....	.....	.....	.....	.....	1	.....	.....
Wilmington, Del.....	Aug. 20....	61,431	.....	2	.....	.....	.....	.....	.....	.....	2	1
Winona, Minn.....	Aug. 13....	18,208	4	.....	.....	.....	.....	.....	.....	.....	.....	.....
Worcester, Mass.....	.....do.....	84,655	38	2	.....	.....	.....	.....	.....	.....	.....	.....

Table of temperature and rainfall, week ended August 22, 1896.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
Atlantic Coast:						
Eastport, Me.....	60	0		.77		.27
Portland, Me.....	66	4		.84		.34
Northfield, Vt.....	62	4		1.15		.45
Boston, Mass.....	69	3		1.02	.96	
Vineyard Haven, Mass.....	72	0		1.19		.59
Nantucket, Mass.....	68	2		.70	.10	
Woods Hole, Mass.....	68	2		.97		.37
Block Island, R. I.....	68	2		.77	.63	
New Haven, Conn.....	70	2		1.15		.35
Albany, N. Y.....	70	2		.91	.09	
New York, N. Y.....	73	1		1.05		.35
Harrisburg, Pa.....	72	2		1.05	.15	
Philadelphia, Pa.....	74	2		.98		.48
New Brunswick, N. J.....	73	1		1.14	1.06	
Atlantic City, N. J.....	72	2		1.17		1.07
Baltimore, Md.....	75	3		.91		.61
Washington, D. C.....	74	3		.88		.59
Lynchburg, Va.....	76	2		.91		.91
Cape Henry, Va.....	77	1		1.24		.54
Norfolk, Va.....	77	1		1.38		1.18
Charlotte, N. C.....	77		1	1.21	5.09	
Raleigh, N. C.....	77	1		1.79	.31	
Kittyhawk, N. C.....	78	0		1.58		.18
Hatteras, N. C.....	77	1		1.40	.90	
Wilmington, N. C.....	79		1	1.68		.48
Columbia, S. C.....	79	1		1.68	.92	
Charleston, S. C.....	81		1	1.69	1.41	
Augusta, Ga.....	79	1		1.19	1.11	
Savannah, Ga.....	80	0		1.81	4.19	
Jacksonville, Fla.....	81	1		1.47		.07
Jupiter, Fla.....	81		1	1.11	1.89	
Key West, Fla.....	84		2	1.10	.70	
Gulf States:						
Atlanta, Ga.....	77	1		1.05		.95
Tampa, Fla.....	81	1		2.12	.58	
Pensacola, Fla.....	81	1		1.89		1.19
Mobile, Ala.....	80	0		1.56		1.56
Montgomery, Ala.....	80	0		.91	.09	
Vicksburg, Miss.....	80	2		.77		.67
New Orleans, La.....	81	1		1.37		1.17
Shreveport, La.....	81	3		.45		.25
Fort Smith, Ark.....	79	5		.84		.44
Little Rock, Ark.....	79	5		.95		.95
Palestine, Tex.....	81	1		.63		.63
Galveston, Tex.....	83	1		1.32		1.12
San Antonio, Tex.....	82	2		.94		.74
Corpus Christi, Tex.....	82	0		.73		.73
Ohio Valley and Tennessee:						
Memphis, Tenn.....	79	3		.84		.84
Nashville, Tenn.....	78	2		.73		.73
Chattanooga, Tenn.....	77	1		.92		.92
Knoxville, Tenn.....	75	3		.92	.28	
Louisville, Ky.....	77	3		.80	.00	
Indianapolis, Ind.....	74	0		.70	.60	
Cincinnati, Ohio.....	75	3		.85	.35	
Columbus, Ohio.....	72	4		.75	.25	
Parkersburg, W. Va.....	72	6		.91		.71
Pittsburg, Pa.....	73	3		.70	.80	
Lake Region:						
Oswego, N. Y.....	68	2		.56		.46
Rochester, N. Y.....	68	4		.70	.60	
Buffalo, N. Y.....	68	4		.70	.30	
Erie, Pa.....	69	3		.77	.93	
Cleveland, Ohio.....	70	0		.70		.20
Sandusky, Ohio.....	71	1		.70	2.20	
Toledo, Ohio.....	71	3		.62		.42
Detroit, Mich.....	70	2		.63		
Lansing, Mich.....	68	2		.62	1.28	
Port Huron, Mich.....	67	5		.56		.16
Alpena, Mich.....	63	3		.77		.17
Sault Ste. Marie, Mich.....	60	2		.58		.38
Marquette, Mich.....	63	1		.64		.64
Green Bay, Wis.....	66	2		.63		.63

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

Table of temperature and rainfall, week ended August 22, 1898—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
Lake Region—Continued.						
Grand Haven, Mich.....	67	.....	1	.61	.....	.61
Milwaukee, Wis.....	69	1	.....	.60	.....	.60
Chicago, Ill.....	71	.....	1	.64	.....	.14
Duluth, Minn.....	64	4	.....	.74	.....	.24
Upper Mississippi Valley:						
St. Paul, Minn.....	69	3	.....4	.75	.....	.65
La Crosse, Wis.....	70	2	.....	.72	.....	.72
Dubuque, Iowa.....	72	0	.....	.64	.06	.....
Davenport, Iowa.....	73	1	.....	.79	1.61	.....
Des Moines, Iowa.....	72	6	.....	.71	.....	.71
Keokuk, Iowa.....	75	3	.....	.56	1.64	.....
Hannibal, Mo.....	75	3	.....	.42	.....	.32
Springfield, Ill.....	74	2	.....	.54	.56	.....
Cairo, Ill.....	78	2	.....	.63	.....	.03
St. Louis, Mo.....	77	3	.....	.77	.....	.67
Missouri Valley:						
Columbia, Mo.....	75	5	.....	.52	.....	.42
Springfield, Mo.....	74	4	.....	.87	2.03	.....
Kansas City, Mo.....	76	4	.....	.87	1.93	.....
Topeka, Kans.....	75	5	.....	1.05	1.26	.....
Wichita, Kans.....	77	.....	.....	.90	.62	.....
Concordia, Kans.....	74	8	.....	.63	.....	.03
Lincoln, Nebr.....	73	7	.....	.69	.01	.....
Omaha, Nebr.....	73	7	.....	.73	.....	.73
Sioux City, Iowa.....	71	3	.....	.94	.....	.94
Yankton, S. Dak.....	72	4	.....	.70	.....	.70
Valentine, Nebr.....	70	2	.....	.49	.71	.....
Huron, S. Dak.....	69	5	.....	.56	.....	.56
Pierre, S. Dak.....	72	6	.....	.35	.....	.05
Moorhead, Minn.....	65	3	.....	.56	.74	.....
Bismarck, N. Dak.....	67	7	.....	.42	.58	.....
Williston, N. Dak.....	66	8	.....	.24	.....	.24
Rocky Mountain Region:						
Hayre, Mont.....	66	8	.....	.28	.....	.28
Helena, Mont.....	67	.....	.....	.14	.....	.....
Miles City, Mont.....	71	.....	.....	.21	.....	.....
Rapid City, S. Dak.....	69	9	.....	.23	.02	.....
Spokane, Wash.....	69	1	.....	.07	.13	.....
Walla Walla, Wash.....	75	.....	3	.07	.07	.....
Baker City, Oreg.....	66	0	.....	.00	.10	.....
Winnemucca, Nev.....	70	.....	2	.00	.00	.....
Idaho Falls, Idaho.....	68	4	.....	.09	.....	.09
Salt Lake City, Utah.....	74	6	.....	.16	.....	.16
Lander, Wyo.....	67	0	.....	.21	.....	.21
Cheyenne, Wyo.....	65	7	.....	.35	.....	.35
North Platte, Nebr.....	71	5	.....	.56	.....	.56
Denver, Colo.....	70	4	.....	.35	.....	.35
Pueblo, Colo.....	72	6	.....	.49	.....	.49
Dodge City, Kans.....	75	7	.....	.65	.....	.65
Oklahoma, Okla.....	80	2	.....	.67	.....	.67
Amarillo, Tex.....	73	3	.....	.72	.....	.72
Arlene, Tex.....	81	3	.....	.63	.....	.53
Santa Fe, N. Mex.....	66	2	.....	.54	.86	.....
El Paso, Tex.....	80	0	.....	.42	.....	.42
Phoenix, Ariz.....	88	4	.....	.24	.....	.04
Pacific Coast:						
Seattle, Wash.....	63	.....	1	.14	.....	.04
Tacoma, Wash.....	62	0	.....	.16	.14	.....
Fort Canby, Wash.....	59	3	.....	.20	.20	.....
Portland, Oreg.....	66	.....	2	.14	.....	.04
Roseburg, Oreg.....	66	.....	2	.07	.....	.07
Eureka, Cal.....	56	0	.....	.00	.00	.....
Redbluff, Cal.....	81	.....	1	.00	.00	.....
Carson City, Nev.....	67	.....	1	.04	.....	.04
Sacramento, Cal.....	72	2	.....	.00	.00	.....
San Francisco, Cal.....	59	3	.....	.00	.00	.....
Fresno, Cal.....	81	1	.....	.00	.00	.....
San Luis Obispo, Cal.....	65	0	.....	.00	.00	.....
Los Angeles, Cal.....	71	3	.....	.00	.00	.....
San Diego, Cal.....	69	3	.....	.00	.00	.....
Yuma, Ariz.....	91	1	.....	.10	.....	.10

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 August 25, 1898.

CHOLERA.

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

YELLOW FEVER.

Brazil:				
Araraguara.....	Mar. 1-Mar. 31...	4	3	
	Apr. 1-May 31...	125	57	
Bahia.....	Dec. 27.....	3	2	
	Dec. 29.....	6		
	May 2-June 7.....	6	3	
Ceara.....	Nov. 1-Nov. 30.....		1	
Descalvado.....	May 1-May 31.....	2	1	
Jaboticabal	Mar. 1-Mar. 31.....	35	16	
Para.....	Dec. 12-Jan. 1.....		22	
	Jan. 2-Jan. 15.....		22	
	Jan. 16-Feb. 28.....		30	
	June 1-June 23.....	5	1	
Ribeirao Bonito.....	Feb. 1-Mar. 31.....	99	22	
	Apr. 1-Apr. 30.....	6	3	
Rio Clara.....	Mar. 1-Mar. 31.....	9	4	
	Apr. 1-May 31.....	69	33	
Rio de Janeiro.....	Nov. 21-Dec. 4.....	1		
	Dec. 5-Jan. 1.....	8	3	
	Jan. 1-Jan. 29.....	22	17	
	Jan. 30-July 15.....		964	

Taken off of Nor. bk. Adonis.

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

Places.	Date.	Cases.	Deaths.	Remarks.
Brasil—Continued.				
Sao Carlos de Pinhal.....	Feb. 28-Mar. 31...	223	58	Yellow fever reported.
	Apr. 1-May 31...	262	90	
	May 24.....	.....	.....	Yellow fever reported epidemic.
Santos	Jan. 2-Jan. 8...	1	1	
	Jan. 23-Jan. 29...	3	.....
	Jan. 30-Feb. 23...	21	3	
	Mar. 1-Mar. 31...	32	13	
	Apr. 1-Apr. 30...	103	52	In isolation hospital.
	May 3-May 24...	159	97	84 deaths in isolation hospital.
	June 4-June 18...	72	43	
Sao Paulo.....	Feb. 1-Mar. 31...	4	3	
Taboticabal.....	Apr. 1-Apr. 30...	106	42	
Tahir.....	May 1-May 31...	3	1	
Victoria.....	Apr. 29-May 13...	3	2	
Costa Rica:				
Port Limon.....	June 15.....	.....	.....	Yellow fever reported.
	June 14-Aug. 4....	.....	2	
Colombia:				
Cartagena.....	June 1-June 30...	.....	1	
	July 1-July 30...	5	4	
Colon.....	June 6-June 22...	.....	.....	Sporadic cases of yellow fever occur from time to time.
Cuba:				
Cienfuegos.....	Dec. 20-Jan. 2....	.....	2	No reports received since hostilities with Spain began.
	Jan. 3-Jan. 23...	.....	1	Do.
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	No reports received since hostilities with Spain began.
	Jan. 1-Jan. 31...	.....	9	
	Feb. 14-Feb. 28...	.....	3	
Matanzas.....	Dec. 15-Jan. 19...	.....	4	Do.
	Feb. 9-Feb. 23...	.....	2	
Regla.....	Dec. 31-Feb. 28...	.....	7	Do.
	Mar. 1-Mar. 24...	.....	2	
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	
	July 20-Aug. 2....	.....	.....	Yellow fever reported.
Siboney.....	July 10.....	14	.....
Jamaica:				
Kingston.....	Dec. 19-Jan. 1...	1	1	
	Jan. 2-Jan. 31...	2	2	
	Feb. 5-Feb. 19...	2	1	
	Aug. 10.....	.....	1	From steamer Darien.
St. Andrew.....	Dec. 19-Jan. 1...	1	.....
	Feb. 27-Mar. 5...	1	1	
St. Catherine.....	Dec. 19-Jan. 1...	1	.....
St. Elizabeth.....	Dec. 19-Jan. 1...	1	1	
Mexico:				
Monterey.....	Aug. 2.....	.....	.....	Yellow fever reported.
Tampico.....	July 17-July 24...	15	7	
	July 24-July 31...	.....	9	
	Aug. 1-Aug. 14...	.....	30	Reported epidemic August 6.
Vera Cruz	July 9.....	.....	.....	1 case reported.
	Aug. 16.....	1	1	
Santo Domingo:				
Santo Domingo.....	May 7-May 14...	1	1	
San Salvador.....	June 4.....	34	8	Yellow fever reported.
	July 2.....	5	2	
	July 10-Aug. 7...	33	6	
West Indies:				
Curacoa	June 4.....	10	1	On H. M. S. Atkmaar. Patients taken to quarantine hospital.
Yucatan:				
Merida.....	July 8.....	.....	.....	Yellow fever reported.

PLAGUE.

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

Places.	Date.	Cases.	Deaths.	Remarks.
Arabia:				
Aden.....	July 28.....	1	1	Patient removed from steamship Carthage from Bombay.
Djiddah.....	Mar. 22-Apr. 16...		34	
Nuslah.....	Mar. 1-Mar. 25...	1		
China:				
Amoy.....	June 11.....			Plague reported. June 14, 20 deaths a day. Under date of June 14, the United States consul reports that in Amoy and three adjacent cities the deaths amount to "not less than 100 daily."
Canton.....	Mar. 22-Apr. 5...	10		
Hongkong.....	Nov. 7-Nov. 20...	2	2	
	Dec. 18-Jan. 1...	2	2	
	Jan. 2-Jan. 29...	6	5	
	Jan. 30-Feb. 28...	64	56	
	Feb. 27-Apr. 30...	596	529	
	Apr. 30-May 28...	518	443	
	June 1-June 14...	131	91	
	June 4-June 25...		134	
Swatow.....	Mar. 25.....			Do.
Macao.....	Apr. 9.....			Do.
Shanghai.....	Apr. 23.....			On ss. Glenturret, in quarantine.
Egypt:				
Suez.....	May 5.....			1 case plague on ss. Mahale.
India:				
Bombay.....	Nov. 24-Nov. 30...		70	
	Dec. 1-Feb. 8...	4,833		
	Feb. 9-Mar. 1...	3,436		
	Mar. 2-Mar. 29...	4,579		
	Mar. 30-May 17...	2,731		
	June 1-June 28...	94		
	July 5-July 12...	53		
Calcutta.....	Apr. 25-May 4...	25	12	Plague reported. "Sporadic." May 28.
	June 25-July 2...		20	
Japan:				
Hio-go.....	May 19-June 5...	1	1	In quarantine on steamship Peru.
Osaka and Hio-go.....	May 21-May 28...	1	1	
Taiwan, Formosa.....	Dec. 28-Apr. 28...	505	84	
Formosa Ports (Taipei-Tainan, and Taiwan.)	Apr. 29-June 15...	2,338	1,483	
Yokohama.....	Mar. 1-Apr. 11...	2	1	
Nagasaki.....	June 6-June 15...	1	1	In quarantine steamship Hikozan Maru.
Karachi.....	Apr. 6-Apr. 12...	51	31	
Russia:				
St. Petersburg.....	Mar. 26-Apr. 2...		1	

SMALLPOX.

Australia:			
Sydney.....	June 1-June 30...		1
Belgium:			
Antwerp.....	May 1-May 7...	2	
	June 4-June 11...	3	2
Brussels.....	June 4-June 11...		1
Ghent.....	May 7-May 14...		1
	July 9-July 30...		4
Liege.....	July 23-July 30...		1
Bohemia:			
Prague.....	Dec. 12-Jan. 1...	11	
	Jan. 2-May 14...	151	
	June 11-June 18...	5	
British Columbia:			
Victoria.....	May 9.....	1	
Brazil:			
Bahia.....	June 11-June 25...	17	
Ceara.....	Mar. 1-Mar. 31...		10
Montevideo.....	May 14-May 21...	1	
Pernambuco.....	Dec. 1-Dec. 25...		8
	Apr. 15-Apr. 23...		1

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

SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Brazil—Continued.				
Rio de Janeiro.....	Nov. 21-Dec. 4...	10	.....
	Dec. 5-Jan. 1...	9	1	
	Jan. 1-Apr. 8...	2	1	
	July 1-July 8...	4	.....
Sao Paulo.....	Feb. 1-Mar. 31...	40	13	
Sorocaba.....	Dec. 16-Jan. 30...	32	10	
British Columbia:				
Vancouver.....	June 14.....	9	.....
Canada:				
Halifax.....	May 14-May 23...	6	.....
Maissonneuve.....	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. 30...	194	113	
	May 1-May 14...	.....	4	
	May 23-June 18...	3	2	
Cuba:				
Cardenas.....	Dec. 19-Jan. 22...	.....	5	
	Mar. 6-Mar. 27...	.....	8	
Cienfuegos.....	Dec. 20-Jan. 2...	.....	7	
	Jan. 3-Jan. 23...	.....	19	
	Feb. 7-Feb. 27...	.....	35	
	Feb. 23-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	.....
	July 16-July 23...	1	.....
Leeds.....	Mar. 19-Apr. 9...	6	4	
Liverpool.....	Jan. 15-Jan. 29...	3	.....
	Feb. 1-Apr. 2...	6	.....
London.....	Feb. 27-Mar. 26...	4	.....
	June 4-June 25...	1	1	
Middlesborough.....	Feb. 9.....	90	.....
Newcastle on Tyne.....	Mar. 19-June 18...	13	2	
	June 25-July 2...	.....	1	
Southampton.....	Jan. 8-Feb. 12...	2	.....
	June 18-June 25...	2	3	
South Shields.....	May 7-May 14...	1	.....
Sunderland.....	Dec. 18-Jan. 8...	1	.....
	Feb. 27-Mar. 26...	4	.....
	June 11-June 18...	1	.....
West Hartlepool.....	Jan. 9-Jan. 22...	5	.....
France:				
Marseilles.....	May 1-May 31...	1	1	
Nantes.....	July 1-July 31...	.....	1	
Paris.....	July 2-July 9...	.....	1	
	July 31-Aug. 6...	.....	1	
Germany:				
Bremen.....	Apr. 23-May 14...	2	.....
Hamburg.....	Mar. 6-Mar. 12...	2	.....
	July 16-July 23...	1	.....
Gibraltar.....	Dec. 6-Dec. 12...	1	.....
	Dec. 27-Apr. 3...	6	.....
Honduras:				
Tegucigalpa.....	July 9-July 23...	2	.....
India:				
Bombay.....	Feb. 9-May 24...	.....	32	
	June 20-June 23...	.....	3	
	July 5-July 12...	.....	1	
Calcutta.....	Dec. 19-Dec. 25...	.....	1	
	Jan. 30-May 23...	.....	56	
	June 4-June 11...	.....	2	
	June 25-July 2...	.....	3	
Madras.....	Nov. 27-Dec. 3...	.....	1	
	Dec. 4-Dec. 31...	.....	3	
	Jan. 1-Jan. 23...	.....	6	
	Jan. 29-Feb. 4...	.....	6	
	Feb. 5-Apr. 22...	.....	66	
	Apr. 30-May 20...	.....	12	

Removed from vessels.

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

SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
India—Continued.				
Madras.....	May 20-May 27...	.....	2	
	June 11-July 15...	.....	4	
Singapore	Mar. 1-Mar. 31...	.....	1	
Italy:				
Messina.....	Dec. 12-Jan. 8...	.....	5	
	Jan. 30-May 21...	.....	5	
Japan:				
Aichi Ken.....	Dec. 28-June 5...	9	1	
	June 27-July 27...	4	.....
Akita Ken.....	Dec. 28-June 5...	18	4	
	June 27-July 27...	4	2	
Awomori Ken.....	Dec. 28-July 27...	200	29	
Chiba Ken	Dec. 28-Apr. 10...	9	.....
	June 27-July 27...	1	.....
Formosa.....	Feb. 4-Mar. 3...	7	4	
Fukui Ken.....	Dec. 28-Feb. 3...	1	.....
Fukuoka Ken.....	Mar. 24-June 5...	6	.....
Fukushima Ken.....	Dec. 28-June 15...	148	37	
	June 27-July 27...	2	2	
Gifu Ken.....	Feb. 4-Feb. 22...	1	.....
Gumma Ken.....	Feb. 4-Feb. 22...	1	.....
Hiogo.....	Apr. 29-June 5...	3	.....
	June 27-July 27...	6	1	
Hiroshima Ken.....	Jan. 22-Feb. 3...	1	.....
Ihikawa Ken.....	Apr. 29-May 19...	2	.....
Iwate Ken.....	Dec. 28-June 5...	47	10	
	June 27-July 27...	4	2	
Kagoshima Ken.....	Feb. 4-Feb. 22...	1	.....
Kanagawa Ken.....	Dec. 28-Jan. 21...	3	.....
	June 27-July 27...	1	.....
Kioto Fu.....	Apr. 29-May 19...	1	.....
Kochi Ken.....	Dec. 28-Jan. 21...	1	.....
Miyagi Ken.....	Dec. 17-July 27...	107	27	
Miyasaki Ken	Jan. 22-Feb. 3...	3	1	
	Apr. 29-June 5...	96	7	
	June 16-June 26...	1	.....
Nagano Ken.....	Feb. 4-Mar. 23...	9	5	
	Apr. 29-May 19...	1	.....
Nagasaki Ken	Jan. 22-Mar. 23...	4	1	
	Apr. 29-May 19...	1	.....
Nara	Apr. 29-May 19...	1	.....
Niigata Ken	Mar. 4-Mar. 23...	4	1	
	June 16-June 26...	1	.....
Oita Ken.....	June 27-July 27...	1	.....
Okayama Ken.....	Feb. 4-Apr. 10...	3	1	
	June 16-June 26...	1	.....
Osaka Fu.....	Dec. 28-June 5...	4	.....
	June 27-July 27...	1	.....
Oyama Ken.....	Mar. 4-Mar. 23...	1	.....
Saitama Ken.....	Dec. 17-Dec. 27...	1	.....
Shidzuoka Ken.....	Apr. 29-May 19...	2	1	
Shiga Ken.....	May 19-June 26...	3	.....
Tochigo Ken.....	Mar. 24-Apr. 10...	1	.....
Tokyo Fu.....	Dec. 28-Mar. 23...	6	.....
	June 16-July 27...	9	.....
Tokushima Ken.....	Apr. 29-June 5...	3	.....
Tottori.....	June 6-June 15...	1	.....
Yamagata Ken.....	Jan. 22-June 15...	47	9	
	June 27-July 27...	4	1	
Yamaguchi Ken	Feb. 4-Apr. 23...	10	1	
Yamanashi Ken.....	Mar. 24-Apr. 23...	5	1	
	June 27-July 27...	4	1	
Yehime Ken.....	Dec. 17-Apr. 10...	59	13	
	Apr. 29-June 26...	12	.....
The Hokkaido	Dec. 17-June 15...	510	142	
	June 27-July 27...	11	1	
Mexico:				
Nogales	May 13.....	4	.....
Norway:				
Christiania.....	Mar. 20-May 21...	19	2	
Nova Scotia:				
Halifax.....	June 4-June 11...	8	.....	At quarantine hospital.
Netherlands:				
Amsterdam.....	Dec. 12-Dec. 24...	1	.....
Rotterdam	Dec. 12-Dec. 31...	3	1	
	Jan. 1-Jan. 29...	1	.....

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

SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Russia:				
Moscow.....	Nov. 23-Dec. 4...	1	1	
	Dec. 5-Dec. 11...	1	1	
	Jan. 1-May 14...	63	17	
	May 21-May 28...	4	2	
	June 4-July 9...	30	11	
Odessa.....	Dec. 5-Jan. 1...	53	9	
	Jan. 2-Jan. 29...	34	7	
	Jan. 30-July 3...	.....	21	
	July 23-July 30...	3	.....
St. Petersburg.....	Dec. 4-Dec. 25...	35	13	
	Jan. 9-Jan. 29...	56	19	
	Jan. 30-July 30...	.....	80	
Warsaw.....	Dec. 19-May 29...	.....	136	
	June 4-June 18...	.....	15	
	June 25-July 23...	.....	22	
	Aug. 1-Aug. 8...	.....	6	
Scotland:				
Edinburgh.....	Apr. 16-Apr. 30...	2	.....
Glasgow.....	Dec. 5-Dec. 25...	3	1	
Leith.....	Apr. 3-Apr. 30...	2	1	
Spain:				
Corunna.....	Jan. 1-Feb. 5...	.....	2	
Madrid.....	Dec. 22-Dec. 28...	.....	1	
	Feb. 8-Apr. 6...	.....	3	
Sweden:				
Christiania.....	July 2-July 23...	9	1	
Turkey:				
Constantinople.....	Jan. 10-Feb. 6...	.....	53	
	Feb. 28-May 8...	.....	94	
Uruguay:				
Montevideo.....	Dec. 25-Mar. 19...	5	.....
	May 1-May 7...	.....	1	
	June 19-June 26...	1	.....
	July 9-July 16...	2	.....
Venezuela:				
Caracas.....	June 7-July 25...	.....	.....	More than 150 cases in the city.
Puerto Cabello.....	Apr. 2-Apr. 11...	23	6	Smallpox increasing, June 7, 1898.
Valencia.....	Apr. 2-Apr. 11...	54	.....	July 23, about 1,000 cases.
Wales:				
Cardiff.....	Dec. 18-Dec. 24...	1	.....

Current quarantine measures.

[Translated in this Bureau from the "Veröffentlichungen des Kaiserlichen Gesundheitsamtes," Berlin, August 3, 1898.]

BRITISH EAST INDIES.—The Governor of Burmah issued, under date of May 28, 1898, the following regulations for the ports of Ranju, Moulmein, Bassein, and Akyab, to prevent the introduction of plague by means of rats from ships:

1. No vessel arriving at any one of the ports named shall, without written permit from the customs officer, anchor at the quay or pier.

2. The customs officer shall deliver the written permit only when in his judgment the unloading apparatus of the vessel is not sufficient for the taking on or unloading of a cargo.

3. The vessel receiving the written permit shall approach the quay or pier only by daylight, and shall remain there only so long as is necessary, in the opinion of the customs officer, for the lading or unloading of a cargo.

The same regulations hold good for the landing or taking on board of passengers.

BRAZIL.

Sanitary report from Rio de Janeiro.

RIO DE JANEIRO, July 20, 1898.

SIR: I have the honor to transmit to you the official report for the week ended July 8. There were 316 deaths from all causes, an increase of 7 as compared with the foregoing week; 6 deaths from *accessio pernicioso*, a decrease of 9; 20 deaths from yellow fever, a decrease of 1; 2 deaths from typhoid fever, a decrease of 13; none from diphtheria, a decrease of 1; 5 deaths from beriberi, the same as before, and 47 deaths from tuberculosis, an increase of 9.

There occurred during the week ended July 15, 288 deaths from all causes, 6 deaths from *accessio pernicioso*, 15 deaths from yellow fever, 3 deaths from beriberi, and 11 deaths from different fevers.

Information.—The state of health of the city of Rio de Janeiro has not been very satisfactory for several weeks. Yellow fever has made constant victims, which is unusual at this season. Typhus has also shown a higher death rate. There has not been merely typhoid fever, which is the usual form that the typhus infection takes in this country, but real, classic typhus, which has been observed in some cases. The high temperature, unusual at this season, and the scarcity of water in consequence of a want of rain, may be essential factors.

In regard to typhoid fever I beg to make some remarks:

The supply of drinking water in Rio de Janeiro is derived from the mountains, and the waterworks are under the direction of the Government, therefore *a priori* the quality of the water is good.

The removal of the excrements and the chemical destruction of filth are carried on by the English City Improvements Company. For a long time it has been asserted that the subterranean galleries may be defective. It is possible that the pavements of the streets contribute somewhat to the result. They are not strong enough to resist the heavy loads that are carried over them. It may be possible that the weight of those loads may indeed break not only the pavements, but also the conduits below them. In consequence of a fracture of the tubes, the filth may enter the soil and permeate the same. In fact, in repairing the conduits a very bad condition of the ground is often observed. Whether a mixture of excremental substances enters the drinking-water pipes below the surface or whether the infection from typhus occurs in another manner is unknown. Special investigations in this direction have not been made.

Since last report the following-named ships have been inspected and received bills of health from this office: July 12, steamship *Dunottar*, British, for St. Lucia; steamship *Mexican Prince*, British, for New York. July 16, steamship *Anerley*, British, for St. Lucia; steamship *Buffon*, British, for New York. July 19, steamship *Arranmoor*, British, for Pensacola. July 20, steamship *York*, British, for New Orleans; steamship *Rosemarran*, British, for Port Eads.

Respectfully, yours,

W. HAVELBURG, M. D.,

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

THE SUPERVISING SURGEON-GENERAL,

U. S. Marine-Hospital Service.

CUBA.

Sanitary reports from Santiago..

The following daily reports in regard to the sanitary condition and mortality in Santiago are transmitted by Sanitary Inspector H. S. Caminero, United States Marine-Hospital Service:

SANTIAGO DE CUBA, *August 3, 1898.*

SIR: I have the honor to inform you that the cemetery records give the following mortality for this day: Civilians, 33; Spanish military hospital, 14; civil hospital, 6; total, 53. The causes, dysentery, diarrhea, and fever. No Americans are reported as having died.

We are now suffering from an epidemic of a peculiar fever which it is very difficult to place in any known pathological class. It attacks natives as well as foreigners; lasts from three to six or seven days, and quinine seems to have no action in modifying or cutting short the attack. A great many die, but in no case black vomiting takes place, and albumen is found only in about 20 per cent of the cases.

Profound anæmia follows in every case. I believe it is essentially malarial in its origin, but malaria of a pernicious character and produced by causes which generally originate it; such as agglomeration of people in a weakened condition, soil torn up, and trees cut down and woods cleared. All this was accompanied by heavy rains, and there were thousands of bodies buried near the surface of the ground and close to streams from which the water was used for drinking purposes. Dysentery also reigns epidemically and is owing to the same causes and to the scarcity of food. Hundreds of people live on the charity of the Red Cross. The American physicians attending the hospitals do not report any yellow fever cases and are greatly puzzled about this fever, which I have feebly described, and of which I will write a full report as soon as I shall have collected enough cases to form a definite opinion.

August 4, 1898.—I have the honor to inform you that 44 deaths were registered at the cemetery this day. Of these, 23 were among the civilians, 18 at the military hospital (Spanish), and 3 at the civil hospital. The city is now presenting a cleaner aspect; large bodies of men are now employed in cleaning and removing all the dirt and garbage from the streets and dwellings. Two American physicians act as sanitary inspectors for the town and are constantly looking out for any delinquency of the sanitary rules laid out by the military Government. We hope by this means, and by the withdrawal of the Spanish troops, to better our sanitary condition.

August 5, 1898.—I have the honor to inform you that the sanitary condition grows worse every day. Fifty-nine deaths have taken place to-day as follows: Civilians, 41; military hospital (Spanish), 14; civil hospital, 4. Dysentery and malaria are the principal causes of death. The sanitary condition of the army is fairly good, as yellow fever cases are rare, and many cases of malaria are confounded with the former disease by young physicians with no experience whatever of our tropical diseases. The streets present now a cleaner aspect, and thoroughfares, which during Spanish rule were not even swept, now have taken a more civilized appearance.

August 6, 1898.—I have the honor to inform you that 62 deaths have taken place to-day, as follows: Civilians in the city, 44; military hospital (Spanish), 11; civil hospital, 7; causes, dysentery and malaria. The inhabitants of Santiago are greatly alarmed at the existing state of

affairs. Nearly every family has lost some of its members, and the number of physicians is inadequate to treat all the cases of sickness. Of course the greater number of deaths takes place among the poorer classes who have no means of supporting themselves.

August 7, 1898.—I have the honor to inform you that the mortality increases daily at Santiago; 78 deaths were recorded to-day as follows: Civilians, 58; Spanish military hospital, 18; civil hospital, 2. The principal causes are pernicious malarial fevers, remittent, and bilious fevers, and dysentery. The Spanish military hospital is full to its utmost capacity. There are about 2,600 cases of sickness at present under treatment there. The Spanish hospital ship *Alicante* has come into port to-day and the embarking of the sick and wounded will commence immediately. Some United States troops left yesterday and some will go to-day.

August 8, 1898.—I have the honor to inform you that the Spanish hospital ship *Alicante* has come into port and commenced to take on board a large number of Spanish soldiers. I have watched them as they were taken on board, and I can assure you that it was a most pitiful sight. Many had to be carried on stretchers.

The sanitary condition of Santiago seems to have become a little better. There were 60 deaths recorded to-day, 18 less than the day before. Of this number 38 were civilians; 18 were from the Spanish military hospital and 2 from the civil one.

An order has been given to burn all the corpses that have no coffins and are carried in a common pauper's hearse.

Malarial fevers of a typhomalarial form are very frequent at present and are often confounded with yellow fever by inexperienced physicians. I have known cases taken to the yellow fever hospital across the bay turn out to be bilious or remittent fever.

August 9, 1898.—I have the honor to inform you that the sanitary condition of Santiago de Cuba seems to be improving; 54 deaths were recorded to-day as follows: Civilians, 37; Spanish military hospital, 16; civil hospital, 1. Malaria, dysentery, and infectious diarrhea were the causes.

A great deal of confusion now exists among the medical fraternity in their endeavors to classify these fevers which are causing so many victims among the civilians and military men. Yellow fever in mild form is for some physicians the reigning epidemic, but the fever attacks both natives and foreigners, and a great many die without presenting the characteristic black vomit so uniformly present in all the bad cases of yellow fever.

Were I to classify our prevailing diseases I would call them in their order of frequency thus: First, pernicious malarial fever, the intermittent and remittent form; second, typhomalaria; third, dysentery; fourth, infectious diarrhea. The greatest mortality is given by pernicious remittent fever and typhomalaria. Yellow fever would come last of all. There are cases reported in the camps far from the city; in the town I have seen no cases.

August 10, 1898.—I have the honor to inform you that 92 bodies were admitted for burial at the cemetery to-day. This has greatly alarmed the inhabitants of the city, and many families are leaving for the surrounding villages to wait there till the sanitary condition of Santiago becomes somewhat better.

I can see no cause for the increased mortality, excepting the very high temperature, alternating with light showers, which do not refresh the

atmosphere any, but seem to produce the contrary effect. The Spanish troops are still encamped in the trenches, and many fall sick daily and die. I believe very few of the American troops are seriously sick.

* * * * *

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

Surgeon Eugene Wasdin, United States Marine-Hospital Service, has been directed to proceed to Santiago to continue certain investigations with regard to the causes of yellow fever, which were in progress at Habana at the commencement of hostilities between the United States and Spain. He will also assist in sanitary work, in accordance with War Department orders of August 11, 1898.

Passed Assistant Surgeon J. O. Cobb, United States Marine-Hospital Service, has been detailed to Ponce, Puerto Rico, for quarantine inspection of vessels and crews, in accordance with the quarantine law of February 15, 1893, and by request of the Department of War. (August 11, 1898.)

MEXICO.

One death from yellow fever in Vera Cruz.

[Telegram.]

VERA CRUZ, *August 16, 1898.*

Yesterday 1 soldier died in hospital. Cause yellow fever.

CANADA,
United States Consul.

Hon. ASSISTANT SECRETARY OF STATE.

TRINIDAD.

Quarantine against Venezuelan ports.

TRINIDAD, BRITISH WEST INDIES, *August 2, 1898.*

SIR: I have the honor to report for the information of the Department of State that all Venezuelan ports have been proclaimed by the Trinidad Government to be infected with smallpox, for the purposes of the quarantine ordinance.

I am, sir, your obedient servant,

ALVIN SMITH,
United States Consul.

Hon. ASSISTANT SECRETARY OF STATE.

STATISTICAL REPORTS.

AUSTRALIA—*New South Wales—Sydney.*—Month of June, 1898. Estimated population, 417,250. Total number of deaths, 498, including diphtheria, 10; enteric fever, 6; measles, 17; smallpox, 1, and 1 from whooping cough.

BERMUDA.—Two weeks ended August 12, 1898. Estimated population, 15,013. One death.

COLOMBIA—*Cartagena*.—Month of July, 1898. Estimated population, 25,000. Total number of deaths, 50, including 4 from yellow fever.

FRANCE—*Nantes*.—Month of July, 1898. Estimated population, 125,000. Total number of deaths, 182, including enteric fever, 2; smallpox, 1, and whooping cough, 1.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 33 great towns in England and Wales during the week ended August 6 correspond to an annual rate of 18.3 a thousand of the aggregate population, which is estimated at 11,218,378. The highest rate was recorded in Salford, viz, 25.6, and the lowest in Brighton and Huddersfield, viz, 10.2.

London.—One thousand five hundred and eighty-six deaths were registered during the week, including measles, 14; scarlet fever, 8; diphtheria, 30; whooping cough, 29; enteric fever, 10, and diarrhea and dysentery, 227. The deaths from all causes correspond to an annual rate of 18.4 a thousand. In greater London 2,076 deaths were registered, corresponding to an annual rate of 16.9 a thousand of the population. In the "outer ring" the deaths included 7 from measles, 8 from diphtheria, and 16 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended August 6 in the 23 principal town districts of Ireland was 21.2 a thousand of the population. The lowest rate was recorded in Drogheda, viz, 3.8, and the highest in Tralee, viz, 39.2 a thousand. In Dublin and suburbs 160 deaths were registered, including diphtheria, 1; enteric fever, 5; scarlet fever, 1, and whooping cough, 2.

Scotland.—The deaths registered in 8 principal towns during the week ended August 6 correspond to an annual rate of 20.0 a thousand of the population, which is estimated at 1,568,536. The lowest mortality was recorded in Leith, viz, 16.4, and the highest in Greenock, viz, 34.0 a thousand. The aggregate number of deaths registered from all causes was 604, including diphtheria, 2; measles, 20; scarlet fever, 4, and whooping cough, 30.

GUIANA—*Parimaribo*.—Month of June, 1898. Estimated population, 30,535. Total number of deaths, 70.

MALTA.—Two weeks ended July 15, 1898. Estimated population, 177,745. Total number of deaths, 204, including 5 from enteric fever.

NICARAGUA—*San Juan del Norte*.—Month of July, 1898. Estimated population, 1,156. Five deaths.

[illegible]

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.
Prague	July 30.....	198,320	120	.....	.....	.....	.....	3	3	3	3
Puerto Cortes	Aug. 10.....	2,000	0	.....	.....	.....	.....	.....	.....	.....	.....
Rio de Janeiro.....	July 8.....	750,000	316	.....	20	.....	.....	2	.....	.....	.....
Rotterdam.....	Aug. 6.....	301,816	100	.....	.....	.....	.....	.....	.....	1	1
St. Georges, Bermuda.....	.....do.....	2,150	0	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Aug. 13.....	2,150	0	.....	.....	.....	.....	.....	.....	.....	.....
St. Petersburg.....	July 30.....	1,267,023	579	.....	2	.....	22	10	23	5	7
Sanchez	June 4.....	1,200	0	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	June 11.....	1,200	0	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	June 18.....	1,200	0	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	June 25.....	1,200	0	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	July 2.....	1,200	1	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	July 9.....	1,200	2	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	July 16.....	1,200	2	.....	.....	.....	.....	.....	.....	.....	.....
San Salvador.....	.....do.....	32,000	24	.....	2	.....	.....	.....	.....	.....	1
Do.....	July 23.....	32,000	15	.....	1	.....	.....	.....	.....	.....	.....
Schiedam.....	Aug. 6.....	26,884	8	.....	.....	.....	.....	.....	.....	.....	.....
South Shields.....	.....do.....	98,922	29	.....	.....	.....	.....	.....	.....	.....	.....
Stettin	July 30.....	150,000	87	.....	.....	.....	.....	3	1	.....	.....
Stockholm .....	.....do.....	283,860	82	.....	.....	.....	.....	.....	4	1	2
Stuttgart	Aug. 4.....	162,934	65	.....	.....	.....	.....	.....	.....	.....	.....
Sunderland.....	July 23.....	143,849	47	.....	.....	.....	.....	1	.....	.....	2
Do.....	July 30.....	143,849	54	.....	.....	.....	.....	3	.....	.....	2
Do.....	Aug. 6.....	143,849	66	.....	.....	.....	1	.....	.....	2	3
Tampico.....	Aug. 14.....	14,000	45	.....	17	.....	.....	.....	.....	.....	.....
Tegucigalpa	July 23.....	12,000	3	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	July 31.....	12,000	5	.....	.....	.....	.....	.....	.....	.....	.....
Trapani	July 30.....	45,095	17	.....	.....	.....	.....	.....	.....	.....	.....
Trieste.....	.....do.....	165,000	117	.....	.....	.....	.....	2	.....	.....	.....
Tuxpan.....	July 2.....	9,000	4	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	July 9.....	9,000	8	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	July 16.....	9,000	6	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	July 23.....	9,000	10	.....	.....	.....	.....	.....	.....	.....	.....
Venice.....	July 30.....	168,958	57	.....	.....	.....	.....	2	.....	.....	2
Vera Cruz	Aug. 11.....	30,000	41	.....	.....	.....	.....	.....	.....	.....	.....
Vienna.....	July 23.....	1,590,295	586	.....	.....	.....	.....	2	8	6	14
Warsaw	Aug. 8.....	601,408	299	.....	6	.....	.....	28	8	6	4
Winnipeg	Aug. 13.....	7,994	.....	.....	.....	.....	1	.....	.....	.....	2
Zurich.....	July 30.....	162,212	33	.....	.....	1	.....	.....	.....	.....	.....

By authority of the Secretary of the Treasury :

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