

Public Health Reports

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

VOL. XIII.

WASHINGTON, D. C., JUNE 24, 1898.

No. 25.

UNITED STATES.

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

Yellow fever in Mississippi.

(Continuation of report from June 16, contained in the preceding issue.)

June 17: No new cases. Known foci reduced to four in number. Cleaning of town progressing well. Isolation of cases and foci reported to be satisfactory. Daily house-to-house inspection begun in order to see that no one leaves the town and also in order to see all sick. Inspection of localities on railroad south of Hattiesburg nearly completed; no cases of yellow fever at any of them. Persons from clean—*i. e.*, uninfected—coast towns will be passed to New Orleans and Mobile.

June 18: Conditions unchanged; no new cases; disinfection thorough, and house-to-house inspection and quarantine efficient. The inspection of localities along the Gulf and Ship Island Railroad from Hattiesburg south has been completed, with the result that no cases of yellow fever were found outside of McHenry.

June 19: No new cases reported. Surgeon Murray proceeded to Eucutta, Miss., to assist Dr. Gant in house-to-house inspection.

June 20: Two new cases reported in an old nondisinfected focus.

June 21: One new case at McHenry in a previously suspected focus.

June 22: One doubtful case reported at Perkinston; cabin and contents burned.

One case at Eucutta, Miss., convalescing, under guard, and no spread of the disease is probable.

June 23: The case at Eucutta traced to a family which moved from

McHenry the latter part of May; all other fevers in Eucutta positively pronounced not yellow fever.

One new case in McHenry, a negro, traced to original focus, and one other in a previous focus.

One case of yellow fever at Angel Island quarantine station.

ANGEL ISLAND, CAL., June 18, 1898.

Steamer *Newport*, from Panama, brings a case of yellow fever. Autopsy by Mathewson and myself confirms the diagnosis.

ROSENAU,
Passed Assistant Surgeon, U. S. M. H. S.

Smallpox in Alabama and Mississippi.

MOBILE, ALA., June 15, 1898.

SIR: I have the honor to report that since Surgeon Murray's letter of the 4th instant 2 patients, both colored, suffering from smallpox have been admitted to the county hospital from this city. One case has been admitted from Whistler. There are at present 6 cases in the county hospital.

Dr. Fonde, Louisville and Nashville Railroad smallpox inspector, reports quite a number of cases in the country, on the line of Louisville and Nashville Railroad, between here and Montgomery.

I am, very respectfully, your obedient servant,

JOHN F. ANDERSON,
Assistant Surgeon, U. S. M. H. S.

MOBILE, ALA., June 15, 1898.

SIR: I have the honor to report, in addition to the report of Assistant Surgeon Anderson of this date, that a soldier of the First Alabama Volunteers developed smallpox on the 10th instant, and was sent to the county hospital. This case is traced to the first case reported.

Since my last report, 4 cases have been reported at Hattiesburg, Miss.; 3 new cases at Laurel, Miss.; several cases at Prairie, Miss., and a few at West Point, Miss. In all, about 100 cases have occurred near Shubuta, Miss. There are rumors of cases at Meridian, Miss. One new case has been admitted to the camp at Hurricane Bayou, Ala.

I am, very respectfully, your obedient servant,

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

Smallpox at Statesville, N. C.

WILMINGTON, N. C., June 16, 1898.

SIR: I have the honor to report that in obedience to telegraphic instructions, Surgeon-General's Office, dated June 9, 1898, I proceeded to Statesville, N. C., for the purpose of investigating supposed cases of smallpox and conferring with the authorities as to the best means for its suppression. I arrived on the morning of June 11, and was met by the mayor and County Physician Long. Accompanied by County Physician Long, I saw all of the 11 cases, all of which proved to be smallpox. Of this number, 8 were about recovered, 1 was in the third week of the eruption, 1 in the eighth day of the eruption, and 1 in the second day of the eruption. These were all the cases that had occurred in the

city; they were confined to negroes, and there had been no deaths. They were all isolated and quarantined, and all known suspects had been vaccinated. Just before I left the city 2 more cases were reported to have been discovered, but I did not see them. At Dr. Long's request, I drove with him 11 miles in the country to see a case that was about 5 miles from Mooresville, and found that this case was also smallpox. It was in the person of a negro child, and was in the tenth day of the eruption. On my return to Statesville I met the mayor and board of aldermen in special session and reported the results of my investigation. I advised with them as to the measures necessary to suppress the disease, and the board of aldermen authorized the board of health to put them into execution. Vaccination was proceeding in a satisfactory manner; a smallpox hospital and a detention hospital were established, and other necessary measures were adopted, and I think that in a short time the authorities will have the disease under control. Smallpox has been known to exist in and around Statesville for the past five weeks, and has doubtless existed for a longer time in Iredell County. The mayor of Statesville thought that he could trace the infection to the case of Harvey Perkins, a negro, who broke out with the disease at Neal's Railroad Camp in February last, and who finally made his way to Charlotte, N. C., and died in the smallpox hospital at that place. I mentioned this case in my report at Charlotte in February last. The disease was probably brought into Statesville by an itinerant negro preacher named Smoot, who thinks that he contracted it at some house where he slept while traveling through the country. The disease is doubtless widely scattered throughout that section of the country, and will doubtless be heard from at other places in the course of time. The type of the disease is still mild, though the confluent cases are becoming more numerous. * * *

Respectfully, yours,

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

Smallpox reported near Lincoln, N. Mex.

Under date of the 11th instant, the United States sanitary inspector at El Paso, Tex., reports that there are 30 cases of smallpox in the vicinity of Lincoln, N. Mex., a town about one hundred miles from that city in a northeasterly direction.

Three cases of smallpox at El Paso, Tex.

EL PASO, TEX., June 11, 1898.

SIR: I have the honor to report that at present there are 3 smallpox patients confined at the pesthouse here. Two of the patients are white and 1 colored. All necessary precautions have been taken.

I have the honor to be, very respectfully,

E. ALEXANDER,
Sanitary Inspector, 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 23, 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		
Mobile.....	Feb. 5-June 15.....	82	1	
Montevallo.....	Mar. 3.....	1		
Newton.....	Jan. 15-Feb. 2.....	7		
Nichola.....	Feb. 17.....			Do.
Oxmar.....	Jan. 19.....			Do.
Patton.....	Feb. 1-Mar. 4.....	9		
Pinckard.....	Feb. 2.....	50		
Port Deposit.....	May 13.....	1		
Rock Springs.....	Mar. 11.....	15		
Salitpa.....	Feb. 17.....			Do.
Selma.....	Jan. 13-Feb. 14.....	3		
Shelby.....	Jan. 28-Apr. 22.....	8		
Talladega.....	Jan. 9-Feb. 15.....	45		
Walker Springs.....	Feb. 17.....			Do.
Arkansas:				
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	
District of Columbia:				
Washington.....	Feb. 7.....	1		Naval Hospital.
	Apr. 2-May 5.....	9		
Florida:				
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.
Cartersville.....	Jan. 15-Mar. 1.....	9	1	
Griffin.....	Feb. 12.....	2		
Macon.....	Jan. 15-June 1.....	100	3	Smallpox reported.
Stilesboro.....	Jan. 15.....			
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	
Louisiana:				
New Orleans.....	Mar. 13-May 21.....	5		
Massachusetts:				
Greenfield.....	Feb. 5-Feb. 22.....	1		
Westfield.....	Feb. 20-Mar. 2.....	1		
Michigan:				
Ionia.....	Mar. 20-Apr. 23.....			Do
Royal Oak.....	Feb. 12-Mar. 12.....	1		
Mississippi:				
Basin.....	May 16.....	7		
Denny.....	May 16-May 31.....	19	3	
Hattiesburg.....	June 4-June 15.....	4		
Hendersons Point.....	Feb. 8.....	3		
Laurel.....	May 28-June 15.....	8		
Moss Point.....	Feb. 15.....	1		
Ocean Springs.....	Feb. 20.....	3		
Prairie.....	June 4-June 15.....			Several cases.
Shubuta, Clark County.....	May 28-June 15.....	100		
West Point.....	June 4-June 15.....			A few cases.
Whistler.....	June 4-June 15.....	1		
New Jersey:				
Westfield.....	Mar. 4.....	1		

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
New Mexico:				
Albuquerque and vicinity.....	Mar. 5-Apr. 1.....	14		
Lincoln and vicinity.....	June 11.....	30		
New York:				
Buffalo.....	May 21.....	1		
Deposit.....	Nov. 1-Nov. 30.....	1		
New York City.....	May 14-May 21.....	1		
North Carolina:				
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		
Mooreville.....	June 16.....	1		
Statesville.....	June 11.....	11		
Wilmington.....	Jan. 12.....	1		
Wilson County.....	May 28.....	1		
Ohio:				
Cincinnati.....	May 5.....	1		
Columbus.....	Apr. 16-Apr. 22.....	1		
Delphos.....	May 1-June 8.....	3		
Fairfield County.....	Apr. 8-May 11.....	12	1	
Pennsylvania:				
Philadelphia.....	Apr. 13.....	2		
South Carolina:				
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.
Tennessee:				
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		
Texas:				
Brownsville.....	Feb. 26.....	1		
Columbus.....	Feb. 2-Apr. 2.....	30	7	
El Paso.....	June 11.....	3		
Virginia:				
Colburn.....	Feb. 1.....			Do.
Norfolk.....	Mar. 1-Mar. 10.....	2		
Norton.....	Feb. 1.....			Do.
West Virginia:				
Benwood.....	June 4.....	1		
Bluefield.....	Feb. 25.....	5		
Fayette County.....	May 6.....	8		
Mercer County.....	May 6.....	6		
McDowell County.....	May 6.....	12		
Wisconsin:				
Wausau.....	May 19.....	1		
Oshkosh.....	Apr. 28.....	1		

Report of immigration at Boston for the week ended June 18, 1898.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Boston, June 19, 1898.

Number of alien immigrants who arrived at this port during the week ended June 18, 1898; also names of vessels and ports from which they came.

Date.	Vessel.	Where from.	No. of immigrants.
June 12	Steamship Yarmouth.....	Yarmouth, Nova Scotia.....	57
June 13	Schooner Narcissus.....	Bridgewater, Nova Scotia.....	2
Do.....	Steamship Brookline.....	Port Morant, Jamaica.....	7
June 14	Steamship Prince Edward.....	Yarmouth, Nova Scotia.....	66
Do.....	Steamship Sagamore.....	Liverpool, England.....	1
June 15	Steamship Armenian.....	.....do.....	4
June 16	Steamship Yarmouth.....	Yarmouth, Nova Scotia.....	43
Do.....	Steamship Columbian.....	London, England.....	5
June 17	Steamship Halifax.....	Halifax, Nova Scotia.....	42
Do.....	Steamship Prince Edward.....	Yarmouth, Nova Scotia.....	25
Do.....	Steamship Etolia.....	Avonmouth, England.....	2
Do.....	Schooner Oriole.....	Jordan Bay, Nova Scotia.....	1
Do.....	Schooner E. Norris.....	Bear River, Nova Scotia.....	1
June 18	Steamship British Trader.....	London, England.....	3
Do.....	Steamship Cephalonia.....	Liverpool, England.....	246
Do.....	Steamship Markomania.....	Hamburg, Germany.....	58
	Total.....		568

GEORGE B. BILLINGS,
Commissioner.

Report of immigration at New York for the week ended June 18, 1898.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of New York, June 20, 1898.

Number of alien immigrants who arrived at this port during the week ended June 18, 1898; also names of vessels and ports from which they came.

Date.	Vessel.	Where from.	No. of immigrants.
June 12	Steamship Rotterdam.....	Rotterdam.....	121
Do.....	Steamship La Bretagne.....	Havre.....	156
Do.....	Steamship Buffon.....	Rio de Janeiro.....	4
Do.....	Steamship Cymric.....	Liverpool and Queenstown.....	53
June 13	Steamship Furnessia.....	Glasgow.....	124
Do.....	Steamship Burgundia.....	Marseilles and Naples.....	186
June 14	Steamship Friesland.....	Antwerp.....	167
Do.....	Steamship Mongolian.....	Glasgow.....	27
June 16	Steamship Ems.....	Genoa and Naples.....	286
Do.....	Steamship Friedrich der Grosse.....	Bremen.....	246
Do.....	Steamship Kaiser Friedrich.....	.....do.....	169
June 17	Steamship Pennsylvania.....	Hamburg.....	208
Do.....	Steamship Germanic.....	Liverpool and Queenstown.....	217
June 18	Steamship Thingvalla.....	Copenhagen, etc.....	80
Do.....	Steamship Peninsular.....	Lisbon and The Azores.....	45
	Total.....		2,089

THOMAS FITCHIE,
Commissioner.

*Report of immigration at Philadelphia for the week ended June 18, 1898.***OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,**
*Port of Philadelphia, June 18, 1898.**Number of alien immigrants who arrived at this port during the two weeks ended June 18, 1898; also names of vessels and ports from which they came.*

<i>Date.</i>	<i>Vessel.</i>	<i>Where from.</i>	<i>No. of immigrants.</i>
June 13	Steamship Energie	Amsterdam	1
Do.....	Steamship Britannia.....	Mauritius.....	1
June 14	Steamship Belgenland.....	Liverpool and Queenstown.....	133
	Total.....		135

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 18	Port. bg. Vareiro.	June 14	Rio	Brunswick	Disinfected and held.		No transactions.	
Brunswick, Ga.	do.	Br. bktn. Ramona	June 16	do	do	Held for disinfection.			
Cape Charles, Va.	June 11	U. S. S. Nictheroy.	June 7	do	Hampton Roads, Va.	Disinfected and held.			8
	June 18	do.	do.	do	do	Disinfected.	June 14		9
Cape Fear, N. C.	do.	do.	do.	do	do	do		No transactions.	
Eureka, Cal.	June 11	Br. bk. Robert S. Bernard. (c)	May 26	Rio	Ship Island.	Disinfected and held.	June 6		1
Grays Harbor, Wash.	June 15	Br. bk. Avoca. (a).	May 27	do	do	do	June 11		7
Gulf Quarantine, Ship Island, Miss.	June 11	Swed. bk. Cosmopolita. (a)	June 2	Para.	Carabelle.	Held for disinfection.			
		Am. bktn. James W. Elwell. (a)	do.	Vera Cruz.	Pascagoula	Disinfected and held.	June 8		
		Am. schr. Villa y Hermano. (c)	do.	do	do	do	do.		
Newbern, N. C.	June 18	Br. ss. Pacific	June 6	Santos	Pascagoula.	do		No transactions.	5
Port Townsend, Wash.	June 11	Port Townsend.	do.	do	do	do		16 spaces vaccinated	20
Reedy Island Quarantine, Del.	June 18	do.	do.	do	do	do			
San Diego, Cal.	June 11	Br. ss. Belgic.	June 7	Hongkong.	San Francisco	Disinfected and released.	June 7	1 case of variola put off at Nagasaki, 1 at Kobe, and 1 doubtful case at Honolulu. 90 of the crew and 265 steerage held 14 days.	8
San Francisco, Cal.	do.	do.	do.	do.	do.	do.	do.		7
South Atlantic Quarantine, Blackbeard Island, Ga.	do.	Nor. bk. Crown Prince. (c)	May 22	Rio	Sapelo.	Disinfected and held.	June 6		1
	June 18	Br. ss. Winnie.	June 5	Santos	Fernandina.	do.	June 11		1

a Previously reported.

QUARANTINE REPORTS—Continued.
State and municipal quarantine stations.

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

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Anclote, Fla.	No report.	.....
Apopka, Fla.	do	.....
Baltimore, Md.	do	.....
Bangor, Me.	do	.....
Boston, Mass.	do	.....
Carrabelle, Fla.	do	.....
Cedar Keys, Fla.	June 11	.....	.....	.....	.....	.....	.....	do	8
.....	June 18	.....	.....	.....	.....	.....	.....	do	15
Charleston, S. C.	No transactions.	2
Charlotte Harbor, Fla.	do	1
.....	June 11	.....	.....	.....	.....	.....	.....	do	6
.....	June 18	.....	.....	.....	.....	.....	.....	do	6
Elizabeth River, Va.	No report.	.....
Galveston, Tex.	do	.....
Gardiner, Oreg.	do	.....
Georgetown, S. C.	do	.....
Gloucester, Mass.	do	.....
Key West, Monroe Co., Fla.	do	13
.....	June 18	.....	.....	.....	.....	.....	.....	do	.....
Mayport, Fla.	do	.....
Mobile Bay, Ala.	do	3
.....	June 18	Rus. bktn. Orient. (a)	June 10	Para.	Mobile	Disinfected and held; ballast discharged.	June 18	do	.....
.....	Nor. bk. Nordetjeman.	June 14	Santos	do	do	.....	do	.....
.....	Sc. Asa. T. Slowell.	June 11	Vera Cruz	do	do	.....	do	.....
.....	Sc. Alice McDonald.	June 18	Tampico	do	do	.....	do	.....
New Bedford, Mass.	No report.	1
New Orleans, La.	do	.....
Newport News, Va.	No report.	9
Newport, R. I.	do	.....
Pas Cavallo, Tex.	No transactions.	.....
Port Los Angeles, Cal.	do	.....
Port Royal, S. C.	No report.	.....
Providence, R. I.	No transactions.	.....
Round Island, Mass.	No report.	.....
St. George, Fla.	No transactions.	4
St. Helena Entrance, S. C.	do	.....
San Pedro, Cal.	do	6
Savannah, Ga.	do	21
.....	June 11	.....	.....	.....	.....	.....	.....	do	18
Tampa Bay, Fla.	do	.....

a Previously reported.

Reports of States and yearly and monthly reports of cities.

CALIFORNIA.—*Los Angeles.*—Month of May, 1898. Estimated population, 103,000. Total number of deaths, 142, including diphtheria, 5; enteric fever, 3; whooping cough, 2, and phthisis pulmonalis, 25.

Oakland.—Month of May, 1898. Estimated population, 75,000. Total number of deaths, 64, including diphtheria, 2; enteric fever, 2, and phthisis pulmonalis, 5.

Sacramento.—Month of May, 1898. Estimated population, 30,000. Total number of deaths, 51, including diphtheria, 1; enteric fever, 6, and phthisis pulmonalis, 2.

San Francisco.—Month of May, 1898. Estimated population, 360,000. Total number of deaths, 553, including diphtheria, 19; enteric fever, 6; scarlet fever, 1; whooping cough, 2, and phthisis pulmonalis, 90.

CONNECTICUT.—Month of May, 1898. Reports to the State board of health from 168 towns, having an aggregate population of 883,192, show a total of 1,138 deaths, including diphtheria, 19; enteric fever, 6; measles, 10; whooping cough, 18, and phthisis pulmonalis, 125.

ILLINOIS—*Chicago.*—Month of May, 1898. Estimated population, 1,750,000. Total number of deaths, 2,022, including diphtheria, 29; enteric fever, 67; measles, 8; scarlet fever, 8, and phthisis pulmonalis, 227.

KENTUCKY—*Louisville.*—Three months ended May 31, 1898. Estimated population, 222,223; white, 182,611; colored, 39,612. Total number of deaths, 759, including diphtheria, 2; enteric fever, 22; whooping cough, 8, and phthisis pulmonalis, 65.

MARYLAND—*Baltimore.*—Month of May, 1898. Population, 506,398; white, 431,054; colored, 75,344. Total number of deaths, 809; white, 590; colored, 219, including diphtheria, 14; enteric fever, 8; measles, 10; scarlet fever, 8; whooping cough, 5, and phthisis pulmonalis, 98.

Cumberland.—Estimated population, 12,729. Total number of deaths, 12, including phthisis pulmonalis, 2.

MASSACHUSETTS—*Fitchburg.*—Month of May, 1898. Estimated population, 28,392. Total number of deaths, 29, including diphtheria, 1; whooping cough, 2, and phthisis pulmonalis, 2.

Worcester.—Month of May, 1898. Estimated population, 106,202. Total number of deaths, 176, including diphtheria, 2; scarlet fever, 1; whooping cough 6, and phthisis pulmonalis, 18.

MICHIGAN.—Reports to the State board of health, Lansing, from 80 observers for the week ended June 11 indicate that remittent fever, intermittent fever, phthisis pulmonalis, diarrhea, and tonsillitis increased, and measles and pneumonia decreased in area of prevalence. Phthisis pulmonalis was reported present at 168, measles at 52, diphtheria at 29, scarlet fever at 23, enteric fever at 19, and whooping cough at 19 places.

MINNESOTA—*Duluth.*—Month of May, 1898. Population, 60,000.

Total number of deaths, 61, including enteric fever, 1; measles, 4, and phthisis pulmonalis, 4.

Milwaukee.—Month of May, 1898. Estimated population, 275,000. Total deaths, 262, including diphtheria, 1; enteric fever, 6; whooping cough, 4, and phthisis pulmonalis, 31.

Minneapolis.—Month of May, 1898. Estimated population, 225,602. Total number of deaths, 164, including diphtheria, 1; whooping cough, 3, and phthisis pulmonalis, 23.

NEW JERSEY—*Hudson County.*—Month of May, 1898. Estimated population, 275,126. Total number of deaths, 534, including diphtheria, 17; enteric fever, 2; measles, 3; scarlet fever, 16; whooping cough, 2, and phthisis pulmonalis, 49.

NEW YORK—*Yonkers.*—Month of May, 1898. Estimated population, 42,000. Total number of deaths, 61, including diphtheria, 5; enteric fever, 1; measles, 2, and phthisis pulmonalis, 8.

OHIO—*Cleveland.*—Month of May, 1898. Estimated population, 370,000. Total number of deaths, 451, including diphtheria, 5; enteric fever, 10; measles, 2; whooping cough, 1, and phthisis pulmonalis, 18.

Columbus.—Month of May, 1898. Estimated population, 135,000. Total number of deaths, 152, including diphtheria, 1; enteric fever, 5; whooping cough, 4, and phthisis pulmonalis, 16.

PENNSYLVANIA—*Williamsport.*—Month of May, 1898. Estimated population, 35,000. Total number of deaths, 20, including diphtheria, 1, and phthisis pulmonalis, 5.

RHODE ISLAND—*Newport.*—Month of May, 1898. Estimated population, 21,500. Total number of deaths, 26, including phthisis pulmonalis, 2.

UTAH—*Salt Lake City.*—Month of May, 1898. Estimated population, 70,000. Total number of deaths, 44, including diphtheria, 1; scarlet fever, 1; whooping cough, 3, and phthisis pulmonalis, 1.

WASHINGTON—*Seattle.*—Month of May, 1898. Estimated population, 70,000. Total number of deaths, 59, including diphtheria, 4, and phthisis pulmonalis, 4.

Tacoma.—Month of May, 1898. Population, 50,000. Total number of deaths, 24, including phthisis pulmonalis, 2.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Population, U. S. Census of 1900.	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 18.	9,798		1												
Binghamton, N. Y.	June 11.	35,005	10	1												
Do.	June 18.	35,005	14	1												
Boston, Mass.	do.	448,477	174	27						1			2	1	3	
Bristol, R. I.	June 11.	5,478	2													
Brockton, Mass.	do.	27,294	5	1												
Butler, Pa.	June 4.	8,734	1													
Do.	June 11.	8,734	3							2						
Do.	June 18.	8,734	1													
Cambridge, Mass.	do.	70,028	18	3												1
Charleston, S. C.	June 4.	a 54,955	b 35	4									1			
Do.	June 11.	a 54,955	c 25	1												
Chicago, Ill.	June 18.	1,099,850	345	47						6	1	11	1	1	8	
Cincinnati, Ohio.	June 17.	296,908	90	5						1	1					
Columbus, Ohio.	do.	88,150	19	7						1	1					
Dayton, Ohio.	June 18.	61,220	23	3												
Detroit, Mich.	do.	205,876	75	8												
Dunkirk, N. Y.	June 11.	9,416	4													
Everett, Mass.	do.	11,068	7	1												
Fall River, Mass.	June 18.	74,398	28	4												
Fitchburg, Mass.	June 11.	22,037	11	1												
Galveston, Tex.	Jan. 7.	29,084	10	1												
Do.	Jan. 14.	29,084	17	2												
Do.	Jan. 21.	29,084	15	2									1			
Do.	Jan. 28.	29,084	10	1												
Do.	Feb. 4.	29,084	12													
Do.	Feb. 11.	29,084	8													
Do.	Feb. 18.	29,084	11													
Do.	Feb. 25.	29,084	9													
Grand Rapids, Mich.	June 18.	60,278	13	2												
Green Bay, Wis.	June 11.	9,069	4													
Haverhill, Mass.	June 18.	27,412	6													
Jersey City, N. J.	June 12.	163,003	55	5						1		1			2	
Kalamazoo, Mich.	June 11.	17,853	5													
Lawrence, Mass.	do.	44,654	15													
Lowell, Mass.	June 18.	77,696	34	4						1						
Lynchburg, Va.	do.	19,709	14													
McKeesport, Pa.	June 11.	20,741	7													
Medford, Mass.	June 18.	11,079	3													
Melrose, Mass.	June 4.	8,519	2													
Memphis, Tenn.	June 18.	64,495	18	3												
Middletown, N. Y.	June 15.	11,977	10							1						
Milwaukee, Wis.	June 11.	204,468	54	4						1		1			1	
Minneapolis, Minn.	do.	164,738	45	6						1				3		
New Bedford, Mass.	June 18.	40,733	16	1												
Newburyport, Mass.	June 4.	13,947	5	1												
Do.	June 11.	13,947	6													
New Orleans, La.	June 4.	242,039	153	14						5					1	
Do.	June 11.	242,039	132	9						3					1	
Newport, R. I.	June 18.	19,457	15													
New York, N. Y.	do.	1,515,301	1,134	158						2	17	22	22		10	
Norristown, Pa.	do.	19,791	4													
North Adams, Mass.	do.	16,074	5													
Oakland, Cal.	May 14.	46,682	16	2									1			
Do.	May 21.	46,682	15	1						2			1			
Do.	May 28.	46,682	9	1												
Do.	June 4.	46,682	6	1												
Omaha, Nebr.	June 11.	140,452	20													
Oneonta, N. Y.	June 18.	6,272	4	1												
Orange, N. J.	do.	18,844	9	2									1			
Petersburg, Va.	June 12.	22,680	12	1												
Do.	June 19.	22,680	23	4												
Philadelphia, Pa.	May 28.	1,046,964	409	46						8	4	11	4	4	3	
Do.	June 4.	1,046,964	406	54						7	2	19	4	4	5	
Pittsburg, Pa.	do.	238,617	97	11						1		1	2	5		
Pittsfield, Mass.	June 18.	17,281	10	2												
Plainfield, N. J.	do.	11,267	4													
Pottstown, Pa.	June 17.	13,284	6													
Providence, R. I.	June 18.	132,146	46	8												1
Pueblo, Colo.	June 11.	24,558	9	1						1						

a Estimated population, 65,165; white, 28,870; colored, 36,295. b White, 12; colored, 23. c White 6; colored, 19.

MORTALITY TABLE, CITIES OF THE UNITED STATES—Continued.

Cities.	Week ended.	Population, U. S. Census of 1900.	Total deaths from all causes.	Deaths from—										
				Phthisis pulmonalis.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Reading, Pa.....	June 20.....	58,661	21	1										
Salt Lake City, Utah...	June 11.....	44,843	5											
San Diego, Cal.....	do.....	16,159	2	2										
San Jose, Cal.....	do.....	18,060	6											
Sault Ste. Marie, Mich.....	do.....	5,760	0											
Scranton, Pa.....	June 13.....	75,215	27											
Spokane, Wash.....	June 11.....	19,922	10	1										
Springfield, Mass.....	June 13.....	44,179	14	3										
Taunton, Mass.....	June 13.....	25,448	11	3										
Urbana, Ohio.....	do.....	6,510	0											
Washington, D. C.....	June 11.....	230,392	80	14						4		1		
Wilmington, Del.....	June 13.....	61,431	20											
Winona, Minn.....	June 11.....	18,206	9											
Worcester, Mass.....	June 10.....	84,655	35	3										
Do.....	June 17.....	84,655	32	2										
Yonkers, N. Y.....	do.....	32,033	18	3						1		2		

Table of temperature and rainfall, week ended June 20, 1898.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	αExcess.	αDefic'ncy.	Normal.	Excess.	Deficiency.
Atlantic Coast:						
Eastport, Me.....	55		1	.80	.20	
Portland, Me.....	65		5	.77	.83	
Northfield, Vt.....	65		7	.84	.86	
Boston, Mass.....	67		3	.70	.00	
Vineyard Haven, Mass.....	67		1	.49		.29
Nantucket, Mass.....	61	1		.63		.63
Woods Hole, Mass.....	63		1	.58		.38
Block Island, R. I.....	63		1	.56		.46
New Haven, Conn.....	68		2	.63		.63
Albany, N. Y.....	70		4	.84	2.06	
New York, N. Y.....	70		2	.70		.30
Harrisburg, Pa.....	72		2	.98		.68
Philadelphia, Pa.....	73		1	.73		.43
New Brunswick, N. J.....	70		0	.90		.70
Atlantic City, N. J.....	67	1		.77		.37
Baltimore, Md.....	74		2	.91		.21
Washington, D. C.....	74		1	.91		.84
Lynchburg, Va.....	75		5	.77	1.33	
Cape Henry, Va.....	74		2	.91	.49	
Norfolk, Va.....	75		1	.98	1.32	
Charlotte, N. C.....	77		1	1.05	2.25	
Raleigh, N. C.....	77		3	1.26	1.94	
Kittyhawk, N. C.....	75		3	1.07	1.73	
Hatteras, N. C.....	74	2		1.06	.84	
Wilmington, N. C.....	77	1		1.39	.61	
Columbia, S. C.....	79	1		.98	1.82	
Charleston, S. C.....	79	3		1.35	1.65	
Augusta, Ga.....	79	1		1.12	1.08	
Savannah, Ga.....	80	2		1.71	2.79	
Jacksonville, Fla.....	80	4		1.30	.60	
Jupiter, Fla.....	79	1		1.57		1.57
Key West, Fla.....	83		1	.98		.28
Gulf States:						
Atlanta, Ga.....	77		1	1.00		.20
Tampa, Fla.....	80	2		1.88		1.48
Pensacola, Fla.....	80		0	1.30	.70	
Mobile, Ala.....	80		0	1.40	.40	
Montgomery, Ala.....	80		0	1.12		.32
Vicksburg, Miss.....	80		2	.98	2.62	
New Orleans, La.....	81	1		1.65		.45
Shreveport, La.....	81		3	.90	1.90	
Fort Smith, Ark.....	78		0	.99		.79
Little Rock, Ark.....	79		1	.99		.69
Palestine, Tex.....	80		0	.97		.47
Galveston, Tex.....	82		0	1.21		1.20
San Antonio, Tex.....	82		0	.62		.62
Corpus Christi, Tex.....	81	1		.63		.63
Ohio Valley and Tennessee:						
Memphis, Tenn.....	79		1	1.15	.55	
Nashville, Tenn.....	77	1		1.02	2.08	
Chatanooga, Tenn.....	77		1	1.19		.29
Knoxville, Tenn.....	74			.98		
Louisville, Ky.....	76	2		1.05	.15	
Indianapolis, Ind.....	74		2	1.12		.82
Cincinnati, Ohio.....	75		1	1.16		1.06
Columbus, Ohio.....	74		2	.80		.60
Parkersburg, W. Va.....	75		3	.98		.18
Pittsburg, Pa.....	73		1	.79	1.71	
Lake Region:						
Oswego, N. Y.....	65		3	.83		.63
Rochester, N. Y.....	67		1	.77		.57
Buffalo, N. Y.....	66		2	.84		.34
Erie, Pa.....	69		5	.91		.01
Cleveland, Ohio.....	69		5	.91		.61
Sandusky, Ohio.....	71		3	.93		.63
Toledo, Ohio.....	71		5	.84		.44
Detroit, Mich.....	69		5	.84	.96	
Lansing, Mich.....	68		4	1.05		.45
Port Huron, Mich.....	65		3	.84		.24
Alpena, Mich.....	62		4	.90		.40
Sault Ste. Marie, Mich.....	62		6	.74		.54
Marquette, Mich.....	62		2	.84		.64
Green Bay, Wis.....	70		6	.76		.76

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

Table of temperature and rainfall, week ended June 20, 1898—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	a Excess.	aDefic'ncy.	Normal.	Excess.	Deficiency ^b .
Lake Region—Continued.						
Grand Haven, Mich.....	66		2	.95		.95
Milwaukee, Wis.....	64	0		.98		.98
Chicago, Ill.....	68		4	.91		.61
Duluth, Minn.....	59	3		1.12		1.02
Upper Mississippi Valley:						
St. Paul, Minn.....	68	0		1.08		.78
La Crosse, Wis.....	70		2	1.12		1.02
Dubuque, Iowa.....	71		1	1.26		1.26
Davenport, Iowa.....	72		2	1.02		1.02
Des Moines, Iowa.....	72		2	1.32		.62
Keokuk, Iowa.....	74		2	1.09	.41	
Hannibal, Mo.....	73		4	1.00	1.00	
Springfield, Ill.....	74		4	1.06	.24	
Cairo, Ill.....	76			1.05		.85
St. Louis, Mo.....	76			1.24	.16	
Missouri Valley:						
Columbia, Mo.....	76		2	1.01	2.69	
Springfield, Mo.....	75		1	.93		.38
Kansas City, Mo.....	75	1		1.16	.44	
Topeka, Kans.....	74	0		1.28		.18
Wichita, Kans.....	75		1	1.30	.60	
Concordia, Kans.....	74	0		1.04		.64
Lincoln, Nebr.....	72	0		1.01		.81
Omaha, Nebr.....	73		1	1.40		.90
Sioux City, Iowa.....	72		2	.80		.60
Yankton, S. Dak.....	70	2		.98		.08
Valentine, Nebr.....	69	1		.84	.26	
Huron, S. Dak.....	69		1	.84		.84
Pierre, S. Dak.....	69	3		.89		.89
Moorhead, Minn.....	67		3	1.16		1.16
Bismarck, N. Dak.....	65	3		.86		.86
Williston, N. Dak.....	64	4		.84		.04
Rocky Mountain Region:						
Havre, Mont.....	62	4		.77		.77
Helena, Mont.....	60	6		.59	.01	
Miles City, Mont.....	68	6		.75		.75
Rapid City, S. Dak.....	66	4		.92		.72
Spokane, Wash.....	62	2		.46		.26
Wallawalla, Wash.....	65	1		.35		.05
Baker City, Oreg.....	56	10		.35		.25
Winnemucca, Nev.....	62	6		.19		.19
Idaho Falls, Idaho.....	60	8		.27	.13	
Salt Lake City, Utah.....	68	6		.15		.15
Lander, Wyo.....	63	3		.28	.32	
Cheyenne, Wyo.....	62	2		.32		.32
North Platte, Nebr.....	70	0		.84	.66	
Denver, Colo.....	68	0		.28		.28
Pueblo, Colo.....	68	2		.28	.22	
Dodge City, Kans.....	74	2		.77	.03	
Oklahoma, Okla.....	77	1		.63		.63
Amarillo, Tex.....	73		1	.84	.86	
Abilene, Tex.....	80		4	.77	.43	
Santa Fe, N. Mex.....	66	0		.21		.21
El Paso, Tex.....	81		1	.07		.07
Phoenix, Ariz.....	83		3	.00	.00	
Pacific Coast:						
Seattle, Wash.....	60	0		.28	1.22	
Tacoma, Wash.....	59	1		.42	1.18	
Fort Canby, Wash.....	56	0		.63	1.47	
Portland, Oreg.....	61	1		.44	.46	
Roseburg, Oreg.....	61	1		.30	.40	
Eureka, Cal.....	55			.28		
Redbluff, Cal.....	75		1	.10		.10
Carson City, Nev.....	61	3		.07		.07
Sacramento, Cal.....	69		1	.04		.04
San Francisco, Cal.....	59	1		.07		.07
Fresno, Cal.....	74	2		.00	.00	
San Luis Obispo, Cal.....	62	2		.00	.00	
Los Angeles, Cal.....	66	2		.00	.00	
San Diego, Cal.....	64		2	.02		.02
Yuma, Ariz.....	85	1		.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 23, 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.....		95	
	Mar. 27-May 7.....		194	
Madras.....	Nov. 20-Dec. 10.....		8	
	Dec. 4-Dec. 31.....		11	
	Jan. 1-Jan. 28.....		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-May 19.....	13	7	
Okayama.....	Apr. 29-May 19.....	1		
Osaka and Hiogo.....	Mar. 26-Apr. 9.....	2	1	
Tokyo Fu.....	Apr. 11-May 19.....	10	2	
Yokohama.....	Apr. 15-Apr. 29.....		1	

YELLOW FEVER.

Brazil:				
Araguara.....	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.....			
Jaboticabal	Mar. 1-Mar. 31.....	35	16	
Para.....	Dec. 12-Jan. 1.....		24	
	Jan. 2-Jan. 15.....		22	
	Jan. 16-Feb. 28.....		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.....		3	
	Jan. 1-Jan. 29.....		17	
	Jan. 30-May 6.....		698	
Sao Carlos de Pinhal.....	Feb. 28-Mar. 31.....	223	58	Yellow fever reported.
Santos	Jan. 2-Jan. 8.....	1	1	
	Jan. 23-Jan. 29.....	3		
	Jan. 30-Feb. 28.....	21	3	
	Mar. 1-Mar. 31.....	32	13	
Sao Paulo.....	Feb. 1-Mar. 31.....	4	3	
Costa Rica:				
Port Limon.....	June 15.....			Yellow fever reported.
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. 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	

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

YELLOW FEVER—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Cuba—Continued. 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.
Jamaica:				
Kingston.....	Dec. 19-Jan. 1... Jan. 2-Jan. 31... Feb. 5-Feb. 19... Dec. 19-Jan. 1... Feb. 27-Mar. 5... Dec. 19-Jan. 1... Dec. 19-Jan. 1... Dec. 19-Jan. 1...	1 2 2 1 1 1 1	1 2 1 1 1 1	
St. Andrew.....	Dec. 19-Jan. 1... Feb. 27-Mar. 5... Dec. 19-Jan. 1... Dec. 19-Jan. 1...	1 1 1 1	1 1 1 1	
St. Catherine.....	Dec. 19-Jan. 1... Dec. 19-Jan. 1...	1 1	1 1	
St. Elizabeth.....	Dec. 19-Jan. 1... Dec. 19-Jan. 1...	1 1	1 1	
Santo Domingo:				
Santo Domingo.....	May 7-May 14... June 17.....	1 1	1 1	Yellow fever reported.
San Salvador.....	June 17.....			

PLAGUE.

Arabia:				
Djiddah.....	Mar. 25-Apr. 10.....		29	
Nuslah.....	Mar. 1-Mar. 25... June 11.....	1		Plague reported,
China:				
Amoy.....	June 11.....			
Canton.....	Mar. 22-Apr. 5... Nov. 7-Nov. 20... Dec. 18-Jan. 1... Jan. 2-Jan. 29... Jan. 30-Feb. 26... Feb. 27-Apr. 30... Mar. 25.....	10 2 2 6 64 596	2 2 5 56 529	
Hongkong.....	Mar. 25.....			Plague reported.
Swatow.....	Mar. 25.....			Plague reported.
Macao.....	Apr. 9.....			Plague reported.
Shanghai.....	Apr. 23.....			On ss. Glenturret, in quarantine.
Egypt:				
Suez.....	May 5.....			1 case plague on ss. Mahale.
India:				
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... Dec. 28-Apr. 28... Apr. 29-May 19... Mar. 1-Apr. 11... Apr. 6-Apr. 12... Mar. 26-Apr. 2... May 1-May 7... May 7-May 14... Dec. 12-Jan. 1... Jan. 2-May 14... May 9..... Mar. 1-Mar. 31... Dec. 1-Dec. 25... Apr. 15-Apr. 23... Nov. 21-Dec. 4... Dec. 5-Jan. 1... Jan. 1-Apr. 8... Feb. 1-Mar. 31... Dec. 16-Jan. 30...	70 4,833 3,436 4,579 2,731 25 505 2,223 2 51 2 1 10 8 1 10 9 2 40 32		Plague reported. "Sporadic."
Japan:				
Taiwan, Formosa.....	Dec. 28-Apr. 28... Apr. 29-May 19... Mar. 1-Apr. 11... Apr. 6-Apr. 12... Mar. 26-Apr. 2... May 1-May 7... May 7-May 14... Dec. 12-Jan. 1... Jan. 2-May 14... May 9..... Mar. 1-Mar. 31... Dec. 1-Dec. 25... Apr. 15-Apr. 23... Nov. 21-Dec. 4... Dec. 5-Jan. 1... Jan. 1-Apr. 8... Feb. 1-Mar. 31... Dec. 16-Jan. 30...		84 1,421 1 31 1 2 1 1 13 10	
Formosa Ports (Taipeh-Tainan, and Taiwan.)				
Yokohama.....	Mar. 1-Apr. 11... Apr. 6-Apr. 12... Mar. 26-Apr. 2... May 1-May 7... May 7-May 14... Dec. 12-Jan. 1... Jan. 2-May 14... May 9..... Mar. 1-Mar. 31... Dec. 1-Dec. 25... Apr. 15-Apr. 23... Nov. 21-Dec. 4... Dec. 5-Jan. 1... Jan. 1-Apr. 8... Feb. 1-Mar. 31... Dec. 16-Jan. 30...	2 51 1 2 1 11 151 1 10 9 2 40 32	1 31 1 1 1 1 13 10	
Karachi.....	Apr. 6-Apr. 12... Mar. 26-Apr. 2... May 1-May 7... May 7-May 14... Dec. 12-Jan. 1... Jan. 2-May 14... May 9..... Mar. 1-Mar. 31... Dec. 1-Dec. 25... Apr. 15-Apr. 23... Nov. 21-Dec. 4... Dec. 5-Jan. 1... Jan. 1-Apr. 8... Feb. 1-Mar. 31... Dec. 16-Jan. 30...	51 1 2 1 11 151 1 10 9 2 40 32	31 1 1 1 1 13 10	
Russia:				
St. Petersburg.....	Mar. 26-Apr. 2... May 1-May 7... May 7-May 14... Dec. 12-Jan. 1... Jan. 2-May 14... May 9..... Mar. 1-Mar. 31... Dec. 1-Dec. 25... Apr. 15-Apr. 23... Nov. 21-Dec. 4... Dec. 5-Jan. 1... Jan. 1-Apr. 8... Feb. 1-Mar. 31... Dec. 16-Jan. 30...	1 2 1 11 151 1 10 9 2 40 32	1 1 1 1 13 10	
Belgium:				
Antwerp.....	May 1-May 7... May 7-May 14... Dec. 12-Jan. 1... Jan. 2-May 14... May 9..... Mar. 1-Mar. 31... Dec. 1-Dec. 25... Apr. 15-Apr. 23... Nov. 21-Dec. 4... Dec. 5-Jan. 1... Jan. 1-Apr. 8... Feb. 1-Mar. 31... Dec. 16-Jan. 30...	2 1 11 151 1 10 9 2 40 32	1 1 1 13 10	
Ghent.....	May 7-May 14... Dec. 12-Jan. 1... Jan. 2-May 14... May 9..... Mar. 1-Mar. 31... Dec. 1-Dec. 25... Apr. 15-Apr. 23... Nov. 21-Dec. 4... Dec. 5-Jan. 1... Jan. 1-Apr. 8... Feb. 1-Mar. 31... Dec. 16-Jan. 30...	1 11 151 1 10 9 2 40 32	1 1 13 10	
Bohemia:				
Prague.....	Dec. 12-Jan. 1... Jan. 2-May 14... May 9..... Mar. 1-Mar. 31... Dec. 1-Dec. 25... Apr. 15-Apr. 23... Nov. 21-Dec. 4... Dec. 5-Jan. 1... Jan. 1-Apr. 8... Feb. 1-Mar. 31... Dec. 16-Jan. 30...	11 151 1 10 9 2 40 32	1 13 10	
British Columbia:				
Victoria.....	May 9..... Mar. 1-Mar. 31... Dec. 1-Dec. 25... Apr. 15-Apr. 23... Nov. 21-Dec. 4... Dec. 5-Jan. 1... Jan. 1-Apr. 8... Feb. 1-Mar. 31... Dec. 16-Jan. 30...	1 10 9 2 40 32	10 8 1 10 9 2 40 32	
Brazil:				
Ceara.....	Mar. 1-Mar. 31... Dec. 1-Dec. 25... Apr. 15-Apr. 23... Nov. 21-Dec. 4... Dec. 5-Jan. 1... Jan. 1-Apr. 8... Feb. 1-Mar. 31... Dec. 16-Jan. 30...	10 8 1 10 9 2 40 32	10 8 1 10 9 2 40 32	
Pernambuco.....	Apr. 15-Apr. 23... Nov. 21-Dec. 4... Dec. 5-Jan. 1... Jan. 1-Apr. 8... Feb. 1-Mar. 31... Dec. 16-Jan. 30...	1 10 9 2 40 32	1 10 9 2 40 32	
Rio de Janeiro.....	Nov. 21-Dec. 4... Dec. 5-Jan. 1... Jan. 1-Apr. 8... Feb. 1-Mar. 31... Dec. 16-Jan. 30...	10 9 2 40 32	10 9 2 40 32	
Sao Paulo.....	Dec. 5-Jan. 1... Jan. 1-Apr. 8... Feb. 1-Mar. 31... Dec. 16-Jan. 30...	9 2 40 32	9 2 40 32	
Sorocaba.....	Jan. 1-Apr. 8... Feb. 1-Mar. 31... Dec. 16-Jan. 30...	2 40 32	1 13 10	

SMALLPOX.

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

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

SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Canada:				
Halifax.....	May 14-May 28...	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	
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-June 4...	11	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...		68	
	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	
	Apr. 29-May 19...	2		
Awomori Ken.....	Dec. 28-May 19...	75	12	
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-May 19...	4		
Fukushima Ken.....	Dec. 28-May 19...	141	35	
Gifu Ken.....	Feb. 4-Feb. 22...	1		
Gumma Ken.....	Feb. 4-Feb. 22...	1		
Hiogo.....	Apr. 29-May 19...	1		
Hiroshima Ken.....	Jan. 23-Feb. 3...	1		
Ishikawa Ken.....	Apr. 29-May 19...	2		
Iwate Ken.....	Dec. 28-May 19...	42	9	
Kagoshima Ken.....	Feb. 4-Feb. 22...	1		
Kanagawa Ken.....	Dec. 28-Jan. 21...	3		
Kioto Fu.....	Apr. 29-May 19...	1		
Kochi Ken.....	Dec. 28-Jan. 21...	1		
Miyagi Ken.....	Dec. 17-Dec. 27...	2	3	
	Dec. 28-Apr. 28...	94	23	
Miyasaki Ken.....	Jan. 22-Feb. 3...	3	1	
	Apr. 29-May 19...	24	7	

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

SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Japan—Continued.				
Nagano Ken.....	Feb. 4-Mar. 23...	9	5	
	Apr. 29-May 19...	1	1	
Nagasaki Ken.....	Jan. 22-Mar. 23...	4	1	
	Apr. 29-May 19...	1	1	
Nara.....	Apr. 29-May 19...	1	1	
Niigata Ken.....	Mar. 4-Mar. 23...	4	1	
Okayama Ken.....	Feb. 4-Apr. 10...	3	1	
Osaka Fu.....	Dec. 28-Apr. 10...	3	1	
Oyama Ken.....	Mar. 4-Mar. 23...	1	1	
Saitama Ken.....	Dec. 17-Dec. 27...	1	1	
Shidzuoka Ken.....	Apr. 29-May 19...	2	1	
Tochigo Ken.....	Mar. 24-Apr. 10...	1	1	
Tokyo Fu.....	Dec. 28-Mar. 23...	6	2	
Tokushima Ken.....	Apr. 29-May 19...	2	2	
Yamagata Ken.....	Jan. 22-May 19...	38	9	
Yamaguchi Ken.....	Feb. 4-Apr. 28...	10	1	
Yamanashi Ken.....	Mar. 24-Apr. 28...	5	1	
Yehime Ken.....	Dec. 17-Apr. 10...	59	13	
	Apr. 29-May 19...	3	1	
The Hokkaido.....	Dec. 17-Dec. 27...	70	26	
	Dec. 28-May 19...	407	107	
Mexico:				
Nogales.....	May 13.....	4	1	
Norway:				
Christiania.....	Mar. 20-May 21...	19	2	
Nova Scotia:				
Halifax.....	June 4-June 11...	3	1	At quarantine hospital.
Netherlands:				
Amsterdam.....	Dec. 12-Dec. 24...	1	1	
Rotterdam.....	Dec. 12-Dec. 31...	3	1	
	Jan. 1-Jan. 29...	1	1	
Russia:				
Moscow.....	Nov. 23-Dec. 4...	1	1	
	Dec. 5-Dec. 11...	1	1	
	Jan. 1-May 14...	63	17	
Odesa.....	Dec. 5-Jan. 1...	53	9	
	Jan. 2-Jan. 29...	34	7	
	Jan. 30-May 28...	92	16	
St. Petersburg.....	Dec. 4-Dec. 25...	35	13	
	Jan. 9-Jan. 29...	56	19	
	Jan. 30-May 21...	57	19	
	Dec. 19-May 28...	136	37	
Scotland:				
Edinburgh.....	Apr. 16-Apr. 30...	2	1	
Glasgow.....	Dec. 5-Dec. 25...	3	1	
Leith.....	Apr. 3-Apr. 30...	2	1	
Spain:				
Corunna.....	Jan. 1-Feb. 5...	1	2	
Madrid.....	Dec. 22-Dec. 28...	1	1	
	Feb. 8-Apr. 6...	1	3	
Turkey:				
Constantinople.....	Jan. 10-Feb. 6...	1	53	
	Feb. 28-May 8...	1	94	
Uruguay:				
Montevideo.....	Dec. 25-Mar. 19...	5	1	
Venezuela:				
Caracas.....	June 7.....	1	1	Smallpox reported.
Puerto Cabello.....	Apr. 2-Apr. 11...	23	6	Smallpox increasing, June 7, 1898.
Valencia.....	Apr. 2-Apr. 11...	54	1	Do.
Wales:				
Cardiff.....	Dec. 18-Dec. 24...	1	1	

Current quarantine measures.

[Translated in this Bureau from the "Veröffentlichungen des Kaiserlichen Gesundheitsamtes," Berlin, June 2, 1898.]

MALTA.—By order of the local government, May 14, the proclamation of January 7, 1898, has been amended so as to read that arrivals from Egypt which have a physician on board shall be subject to a ten days' quarantine, dating from time of departure, either in the open sea

or in the Roads of Comino, before they can be treated similarly to arrivals from Bombay.

EGYPT.—On account of the occurrence of plague cases at Suez, the International Council of Health resolved to suspend the permission granted vessels which had touched at Djiddah, provided they had remained there no more than twenty-four hours, to unload passengers and cargo in quarantine in the outer harbor.

Inasmuch as the plague patient taken from the *Meballah* has been isolated, clean bills are now given to vessels.

BRITISH INDIA.—According to official advices of May 1, in consequence of the outbreak of plague at Calcutta arrivals from that port must undergo an inspection conducted according to the requirements of the Venice sanitary convention. The same conditions apply to vessels arriving from Madras, Rangoon, and Aden.

BARBADOS.

Quarantine proclamation and information.

BARBADOS, *May 28, 1898.*

SIR: The following communications from the quarantine board of Trinidad were received by me on the 16th instant per steamship *Speroid*, but too late for circulation by the mail which left here that day

From secretary quarantine authority, Trinidad, to clerk quarantine board, Barbados.

MAY 5, 1898.

* * * * *
The Dutch and French steamers communicate with Puerto Cabello and Laguayra, and there is frequent communication by other steamers. There is also communication by rail and road between these places, and by rail between Valencia and Caracas.

MAY 6, 1898.

I have the honor to inform you that on the recommendation of the quarantine authority his excellency the acting governor has been pleased to declare Venezuela to be an infected place within the meaning of section 5 of ordinance 18 of 1893.

Quarantine is now in force here against Bahia, Cuba, La Guayra, Para, Puerto Cabello, Rio Janeiro, Santos, and Valencia.

My board have information that glanders and farcy are prevalent among horses, etc., at Puerto Rico.

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

JAS. SANDERSON,
Clerk, Quarantine Board.

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

CHINA.

Outbreak of plague at Amoy.

DEPARTMENT OF STATE,
Washington, June 14, 1898.

SIR: I have the honor to inform you that our consul at Amoy, China, reported on the 11th instant an outbreak of the plague at that place.

Respectfully, yours.

WILLIAM R. DAY, *Secretary.*

HON. SECRETARY OF THE TREASURY.

COSTA RICA.

Yellow fever reported at Port Limon.

MOBILE, ALA., June 15, 1898.

SIR: I am in receipt of a telegram from the president of the Louisiana board of health as follows:

JUNE 15, 1898.

“Dr. Carson, medical officer at Port Limon, Costa Rica, cables yellow fever there.”

I am, most respectfully,

T. S. SCALES, M. D.,
Health Officer.

JAMAICA.

Sanitary report from Kingston.

KINGSTON, JAMAICA, June 2, 1898.

SIR: I have the honor to inform you that the sanitary condition of the city and harbor of Kingston is most excellent at present. There are no contagious or infectious diseases prevalent, excepting a few cases of typhoid (from 3 to 5 weekly), and these seem to me to be more of a malarial character (typhomalaria) than anything else. Malarial fevers are very common.

The continuous arrival of vessels bringing Cuban refugees in large numbers from different Cuban ports, where yellow fever prevails more or less, make the board of health very careful about allowing vessels to free pratique unless thoroughly convinced after several days' quarantine that all danger of introducing yellow fever, smallpox, etc., is completely passed. Baggage is often fumigated when only observation of vessel and crew for a few hours is established.

Vessels leaving for the United States are inspected by me, and their bills of health delivered on board when I find their sanitary condition satisfactory.

Respectfully,

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

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

JAPAN.

Report of infectious diseases in Japan—Extension of the epidemic of plague in Formosa.

YOKOHAMA, JAPAN, May 20, 1898.

SIR: I have the honor to forward herewith my regular report of infectious disease in Japan for the period from April 29 to May 19, current year.

The sudden and great increase in the severity of the plague epidemic in Formosa, confined almost exclusively to Taipeh, Tainan, and Taiwan, all shipping ports, is certainly alarming.

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

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

[Inclosure.]

Report of infectious disease in Japan from April 29 to May 19, 1898.

Locality.	Cholera.		Dysentery.		Smallpox.		Plague.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Kioto Fu.....			3		1			
Osaka Fu.....			4	1				
Tokyo Fu.....	6		8					
Aichi Ken.....			8					
Akita Ken.....					2			
Awamori Ken.....			2		27	8		
Chiba Ken.....								
Fukui Ken.....								
Fukuoka Ken.....			2	1	1			
Fukushima Ken.....					22	8		
Gifu Ken.....			5	1				
Gumma Ken.....			3					
Hiogo Ken.....			1	1	1			
Hiroshima Ken.....								
Ibaraki Ken.....								
Ishikawa Ken.....			1		2			
Iwate Ken.....					5			
Kagawa Ken.....			1					
Kagoahima Ken.....			7	2				
Kanagawa Ken.....	9	5	6	1				
Kochi Ken.....								
Kumamoto Ken.....								
Miyagi Ken.....								
Miyazaki Ken.....					24	7		
Miye Ken.....								
Nagano Ken.....			4	2	1			
Nagasaki Ken.....					1			
Nara Ken.....			1	1	1			
Niigata Ken.....			1					
Oita Ken.....								
Okayama Ken.....	1							
Okinawa Ken.....								
Saga Ken.....								
Saitama Ken.....			5	1				
Shidzuoka Ken.....			7	1	2			
Shiga Ken.....			1					
Shimane Ken.....			3					
Tochigi Ken.....								
Tokushima Ken.....					2			
Tottori Ken.....								
Toyama Ken.....								
Wakayama Ken.....			4					
Yamagata Ken.....					2	1		
Yamaguchi Ken.....			2					
Yamanashi Ken.....			1					
Yehime Ken.....			2	1	3			
The Hokkaido.....					11	3		
Taiwan (Formosa).....							2, 223	1, 421
Total.....	16	5	82	13	106	27	2, 223	1, 421

SAN SALVADOR.

Yellow fever reported at San Salvador.

[Telegram.]

SAN SALVADOR, June 17, 1898.

DEPARTMENT OF STATE, Washington: Yellow fever.—JENKINS,
United States Consul.

VENEZUELA.

Smallpox in Valencia, Puerto Cabello, and Caracas.

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

SIR: I have the honor to quote for your information the following extract from dispatch No. 1146 of the 7th ultimo from our consul at Maracaibo:

"Smallpox is spreading in Valencia, Puerto Cabello, and by latest news also in Caracas. Should this terrible disease reach Maracaibo there is no doubt that, with the filthy condition of the city and the absence of sanitary precaution, a great many of our poorer classes will fall victims to the scourge."

Respectfully, yours,

WILLIAM R. DAY,
Secretary.

HON. SECRETARY OF THE TREASURY.

STATISTICAL REPORTS.

BAHAMAS—*Dunmore Town*.—Two weeks ended June 3, 1898. Estimated population, 1,472. No deaths.

Governors Harbor.—Two weeks ended June 4, 1898. Estimated population, 1,500. No deaths.

Green Turtle Cay.—Two weeks ended June 3, 1898. Estimated population, 3,900. No deaths.

Nassau.—Two weeks ended June 4, 1898. Estimated population, 11,000. Total number of deaths not reported. One death from enteric fever.

COLUMBIA—*Republic of Cartagena*.—Month of May, 1898. Estimated population, 25,000. Total number of deaths, 41.

Panama.—Twenty days ending June 10, 1898. Estimated population, 16,000. No deaths from contagious diseases.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 33 great towns in England and Wales during the week ended June 4 correspond to an annual rate of 16.8 a thousand of the aggregate population, which is estimated at 11,218,378. The highest rate was recorded in Sunderland, viz, 24.6, and the lowest in Derby, viz, 9.9.

London.—One thousand three hundred and ninety-two deaths were registered during the week, including measles, 66; scarlet fever, 17; diphtheria, 30; whooping cough, 45; enteric fever, 3, and diarrhea and dysentery, 17. The deaths from all causes correspond to an annual rate of 16.1 a thousand. In greater London 1,789 deaths were registered, corresponding to an annual rate of 14.6 a thousand of the population. In the "outer ring" the deaths included 10 from measles, 10 from diphtheria, 3 from scarlet fever, and 13 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended June 4 in the 23 principal town districts of Ireland was 20.9 a thousand of the population. The lowest rate was recorded in Carrickfergus, viz, 7.3, and the highest in Porta-

down, viz, 30.9 a thousand. In Dublin and suburbs 132 deaths were registered, including enteric fever, 2; whooping cough, 5, and scarlet fever, 1.

Scotland.—The deaths registered in 8 principal towns during the week ended June 4 correspond to an annual rate of 23.0 a thousand of the population, which is estimated at 1,568,536. The lowest mortality was recorded in Perth, viz, 18.7, and the highest in Greenock, viz, 27.2 a thousand. The aggregate number of deaths registered from all causes was 694, including measles, 34; scarlet fever, 4; diphtheria, 2, and whooping cough, 43.

GUIANA, DUTCH—*Parimaribo.*—Month of April, 1898. Estimated population, 30,535. Total number of deaths, 67. No deaths from contagious diseases.

INDIA—*Singapore.*—Month of April, 1898. Estimated population, 97,111. Total number of deaths, 536, including cholera, 1; beriberi, 61; smallpox, 3, and phthisis pulmonalis, 102.

NICARAGUA—*San Juan del Norte.*—Month of May, 1898. Estimated population, 1,156. Total number of deaths, 4.

MORTALITY TABLE, FOREIGN CITIES.

City	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—									
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.	
Aix la Chapelle.....	June 4....	127,904	37						1				
Amherstburg.....	June 10....	2,300	1										
Amsterdam.....	June 4....	507,647	156					1		1	2	5	
Antwerp.....	May 28....	282,872	75						7				2
Belize.....	June 9....	13,000	2										
Belleville.....	June 13....	10,200	4										
Berlin.....	May 21....	1,728,201	502					1	3	2	5		
Birmingham.....	June 4....	506,772	166					1	1		3	2	
Bluefields.....	do.....	3,018	1										
Bremen.....	May 28....	143,500	51								1		
Bristol.....	do.....	316,900	80							1	4		
Do.....	June 4....	316,900	94								5	2	
Brussels.....	May 28....	531,026	161					4		1			4
Callao.....	May 28....	28,000	19										
Do.....	May 30....	28,000	16										
Catania.....	June 2....	120,000	71								3		1
Chemnitz.....	May 28....	163,000	84			1			2	4			
Christiana.....	do.....	207,000	87								3		
Do.....	June 4....	207,000	65							1	2	1	
Cologne.....	May 28....	245,377	138						4	7			
Copenhagen.....	do.....	351,000	137						1	1			8
Crefeld.....	June 4....	110,000	30						1				
Demarara.....	Apr. 2....	86,250	58										
Do.....	Apr. 9....	86,250	18										
Do.....	Apr. 16....	86,250	47										
Do.....	Apr. 23....	86,250	39										
Do.....	Apr. 30....	86,250	55										
Dresden.....	May 31....	381,400	136					1		2	1		2
Do.....	May 28....	381,400	153					1	1		6		
Dublin.....	June 4....	350,000	132								1		
Edinburgh.....	do.....	295,628	135				4	40	5	109			
Flushing.....	do.....	17,193	7										
Frankfort on the Main.....	do.....	245,000	75							1			
Funchal.....	June 5....	35,665	18										
Gibraltar.....	May 29....	25,900	8										
Girgenti.....	May 28....	24,423	9										
Glasgow.....	June 4....	724,349	322					5	1		19	25	
Gothenburg.....	do.....	119,754	27										
Halifax.....	June 11....	38,700	13										
Hamilton, Bermuda.....	May 31....	16,000	1										
Do.....	June 7....	16,000	2										
Havre.....	May 28....	119,470	71						1				
Kingston, Canada.....	June 17....	18,000	8										
Königsberg.....	June 4....	172,000							1	1	1		
Leghorn.....	June 5....	104,372	22						1	1			
Leipzig.....	May 28....	422,071	148						1	1	1		
Do.....	June 4....	422,071	119						1	1	2	1	
Leith.....	do.....	76,277	30										1
Liege.....	May 28....	166,110	48										
Liverpool.....	June 4....	647,487	282			1	3	2	2	10		6	
Livingston.....	May 28....	2,000	1										
Do.....	June 4....	2,000	1										
London, England.....	May 28....	6,408,321	1,753					7	7	41	88	75	
Lyons.....	May 21....	466,028	163					2	1	2	4	2	
Mayence.....	May 28....	76,984	43								2	1	
Manchester.....	June 4....	541,296	207					1			10	7	
Maracaibo.....	May 14....	50,000	12										
Do.....	May 21....	50,000	16										
Do.....	May 28....	50,000	10										
Do.....	June 4....	50,000	12										
Matamoros.....	June 10....	16,304	6										
Messina.....	June 4....	107,000	31										
Munich.....	May 28....	490,000	198						1	2	1	3	
New Castle on Tyne.....	do.....	223,000	94			1		1			3	10	
Do.....	June 4....	223,000	105					1			10	5	
Nuremberg.....	May 21....	189,720	83							1			
Odessa.....	May 28....	383,000	140			2		2					1
Palermo.....	do.....	273,000	146							2			
Paris.....	do.....	2,511,855	927					6	1	3	41	9	
Port au Prince.....	Apr. 25....	60,000	19										
Do.....	May 2....	60,000	18										
Do.....	May 9....	60,000	16										
Do.....	May 16....	60,000	23										
Do.....	May 23....	60,000	17										

MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—								
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Prague.....	May 21.....	198,320	128						2		4	
Do.....	May 28.....	198,320	163					2	5	2	2	
Puerto Cortes.....	June 8.....	2,000	1									
Quebec.....	do.....	72,000							1	1		
Rio de Janeiro.....	May 6.....	750,000	373	54			3					
Rotterdam.....	June 4.....	300,171	112								6	
St. Petersburg.....	May 21.....	1,267,023	662			3	1	16	11	18	15	4
St. Stephens.....	May 11.....	3,000	1									
Sanchez.....	Apr. 30.....	1,200	0									
Do.....	May 7.....	1,200	0									
Do.....	May 14.....	1,200	1									
Do.....	May 21.....	1,200	0									
Do.....	May 28.....	1,200	0									
Do.....	June 4.....	1,200	0									
Schiedam.....	do.....	26,894	11									
Southampton.....	May 28.....	100,886	30									1
Do.....	June 4.....	100,886	27									
South Shields.....	May 21.....	98,922	41					1				4
Do.....	May 28.....	98,922	42					1				1
Do.....	June 4.....	98,922	36									
Stettin.....	May 28.....	150,000	58									
Stockholm.....	do.....	283,350	101						1		1	4
Stuttgart.....	June 2.....	162,934	63									
Trapani.....	May 28.....	45,095	16									
Trieste.....	do.....	165,000	60									
Venice.....	May 21.....	168,958	65					1		3		2
Vera Cruz.....	June 10.....	30,000	38									
Vienna.....	May 14.....	1,590,295	691						3	7	35	2
Warsaw.....	May 21.....	601,408	230			3	1	3	4	3	1	
Do.....	June 6.....	601,408	219			7	1	4	9	3	1	
Zurich.....	May 28.....	158,968	57									

By authority of the Secretary of the Treasury :

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