

# Public Health Reports

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## UNITED STATES.

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

### MANILA, PHILIPPINE ISLANDS.

#### *Smallpox among the troops at Manila.*

MANILA, PHILIPPINE ISLANDS, *October 31, 1898.*

SIR: I have the honor to report an outbreak of smallpox among our troops stationed in Manila. The beginning of the outbreak dates from about the middle of September, and its source was undoubtedly from the natives, who suffer from the disease with about the same frequency as children in the United States do from measles, as vaccination among them is entirely neglected. There are at present 18 cases of variola, all isolated in tents. The cases seem to be of a very virulent type, as the mortality has been about 50 per cent. Isolation and vaccination seems to be as well carried out as the peculiar conditions will permit.

Very respectfully,

JOSEPH B. GREENE,  
*Assistant Surgeon, U. S. M. H. S.*

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

#### *Smallpox at Norfolk, Va.*

NORFOLK, VA., *December 15, 1898.*

SIR: I have the honor to report 4 additional cases of smallpox in this city, and 1 death at the pesthouse; infant, three weeks old.

Respectfully, yours,

EDWD. E. FEILD,  
*Acting Assistant Surgeon, U. S. M. H. S.*

*Smallpox in Pennsylvania.*

[Telegram.]

PHILADELPHIA, PA., *December 21, 1898.*

Seven new cases smallpox at New Granda, Fulton County.

BENJAMIN LEE,

*Secretary Pennsylvania State Board of Health.*

*Quarantine regulations of the Louisiana State board of health.*

NEW ORLEANS, LA., *December 8, 1898.*

At the meeting of the Louisiana State board of health on Tuesday, December 6, a committee was appointed to draft such special rules and regulations as were deemed necessary.

The point particularly to be brought out was the reassurance to the country people of fair play in the matter of fever diagnosis and report, and the allaying of any suspicion on their part that the city authorities had not done their full duty in the premises. Section 4 of the rules provides for such.

The committee reported as follows:

(1) Quarantine shall be and is declared to exist against all places infected with yellow fever or other quarantinable diseases, and whenever reliable information shall reach the president of the State board that such disease exists in a locality the president shall take the proper steps to so declare against the particular locality infected, and to prevent ingress or egress to and from such localities into the State or uninfected portions of the State, and the president shall call a meeting of the entire board within forty-eight hours thereafter for further action thereon.

(2) In the event that the local boards of health should fail to comply with section 8 of act No. 192 of 1898, by isolating and reporting any case of contagious or infectious disease within twenty-four hours after the same has been diagnosed as such or become known as such, the president of the State board shall, on reasonable and reliable information, by him deemed to be such, act in pursuance of the foregoing section, in the manner therein provided.

(3) No quarantine, when once established, shall be raised or discontinued except by action and vote of the State board at a meeting called for that purpose.

(4) A medical inspector shall be appointed by the president on the recommendation of the members of the State board residing outside of New Orleans, which inspector shall remain in the city of New Orleans, when necessary, in order to ascertain and report cases of contagious or infectious diseases, or cases suspicious thereof, to the president of the State board, who shall thereupon refer the same to the local board, who shall immediately investigate the same and report the result to the president of the State board, and in the event that the local board shall fail to act thereon promptly, the president of the State board shall take charge of the same and proceed as authorized by the statute. Said inspector shall be paid a monthly salary at the rate of \$200 by the State board while actually employed and until discharged by the State board.

(5) The board shall meet every three months at 12.30 p. m., on the first Tuesday of the month, beginning with the first Tuesday of February, 1899.

W. G. OWEN, M. D.,  
*Chairman (of Iberville Parish).*  
 T. T. TARTLTON, M. D.  
*(of St. Landry Parish).*  
 C. A. GAUDET, M. D.  
*(of New Orleans).*

The committee's report was unanimously adopted.

The following, offered by Dr. Randolph (of Rapides Parish), was unanimously adopted:

*Resolved*, That the boards of health of the States of Alabama, Mississippi, Texas, Florida and other neighboring States are invited and earnestly requested to station in the city of New Orleans during the summer months medical inspectors to investigate, examine into, and report to their respective boards the existence or nonexistence of contagious or infectious diseases in said city, and the Louisiana State board of health pledges to said inspectors, when so appointed, all necessary aid and assistance in its power in the performance of their duties.

EDMOND SOUCHON, M. D.,  
*President.*

*False report of plague in San Francisco.*

SAN FRANCISCO, CAL., November 29, 1898.

SIR: Referring to Bureau telegram November 28, 1898, directing report on rumored plague at this city, I have the honor to state that after careful inquiry I have found the rumor without foundation of fact. Several deaths of Chinamen from oedema of lungs or pneumonia were evidently the basis of the report. The inclosed statements, taken from the press, are vouched as correct by Dr. John Gallwey, health officer of this city and county.

Respectfully, yours,

JAMES M. GASSAWAY,  
*Surgeon, U. S. M. H. S., In Command.*

*Smallpox in Mobile, Ala.*

MOBILE, ALA., December 16, 1898.

SIR: I have the honor to report that there are no changes in the smallpox situation for Mobile and Mobile County except that several of the sick have recovered and have been discharged.

I have to report from information received from F. A. Webb, M. D., of Calvert, Ala., that about July 1, 1898, smallpox was introduced into Wagar, Washington County, on the Mobile and Birmingham Railroad, from Clark County, and up to November 1, 100 cases occurred among negroes, with 4 deaths. Since November 1 there have been 18 cases, 7 whites and 11 negroes, with no deaths, and at present there are no cases known.

At Richardson, 1½ miles south of Wagar, 42 whites have recovered from the disease and at present 10 are ill. There have been 2 deaths, 1 white and 1 colored.

There have been and are cases at Sunflower on the Tombigbee River, south of Wagar, and at Gaines' Plantation, but the number can not be ascertained now.

At Calvert there have been 7 cases with 2 deaths—all negroes. At Fairfield, 3½ miles from Calvert, there has been 1 case with recovery. The disease exists in the southern part of Clark County but, excepting 1 case near Jackson, I have not definite details.

Respectfully, yours,

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

*Case of smallpox at Ashfork, Ariz.*

[Telegram.]

ASHFORK, ARIZ., December 16, 1898.

SIR: One case of smallpox here—Mexican. \* \* \* COBB,  
Passed Assistant Surgeon, U. S. M. H. S.

*Case of smallpox at Biggeville, Ill.*

SPRINGFIELD, ILL., December 16, 1898.

SIR: In conformity with the agreement entered into between the various State boards of health, I have the honor to inform you that 1 case of smallpox exists at Biggeville, in the county of Henderson, in this State. The person sick came from Marshfield, Mo. The origin of the disease is supposed to be from contact with soldiers from Cuba. Type of disease, virulent.

Very respectfully,

J. A. EGAN, M. D.,  
Secretary, Illinois State Board of Health.

*Case of smallpox at Elizabeth City, N. C.*

ELIZABETH CITY, N. C., December 19, 1898.

SIR: I have the honor to report that there is a case of smallpox in the town, imported from Norfolk, Va. Authorities are taking steps to suppress it.

Respectfully,

J. E. WOOD,  
Acting Assistant Surgeon, U. S. M. H. S.

*Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, January 1 to December 23, 1898.*

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Alabama:</b>				
Bessemer.....	Jan. 6-Feb. 19....	143	.....	Smallpox reported.
Birmingham.....	Jan. 6-Feb. 19....	47	.....	
	May 13.....	15	.....	
In Jefferson County, outside				
of the city.....	Feb. 6-Feb. 19....	26	.....	
Calvert.....	Dec. 16.....	7	2	
Carneys Bluff.....	Feb. 17.....	.....	.....	
Cedarville.....	Aug. 1-Sept. 29....	50	.....	
Corona.....	Mar. 4.....	1	.....	
Dallas County (near Selma)...	Oct. 20.....	15	.....	
Dolomite.....	Dec. 1-Jan. 17....	21	.....	Do. Do.
Dwight, Washington County	Aug. 16-Sept. 12...	12	1	
Fairfield.....	Dec. 16.....	1	.....	
Gosport.....	Feb. 17.....	.....	.....	
Glendon.....	Feb. 17.....	.....	.....	
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	.....	Three miles from town.

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

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Alabama—Continued.</b>				
Mobile.....	Feb. 5-June 15....	82	1	
	July 1-Aug. 17....	9		
	Oct. 27.....	1	1	
	Nov. 12-Dec. 6....	16	3	
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		
Richardson.....	Dec. 16.....	52	2	
Rock Springs.....	Mar. 11.....	15		
Salitpa.....	Feb. 17.....			Do.
Selma.....	Jan. 13-Feb. 14....	3		
	Oct. 13.....	1		
Shelby.....	Jan. 28-Apr. 22....	8		
Sunflower.....	Dec. 16.....			Do.
Talladega.....	Jan. 9-Feb. 15....	45		
Wagar.....	July 1-Dec. 16....	118	4	
Walker Springs.....	Feb. 17.....			Do.
Wayne County.....	June 23-July 1....	2		
Whistler.....	June 4-June 15....	1		
<b>Arizona:</b>				
Ashfork.....	Dec. 16.....	1		
<b>Arkansas:</b>				
Beebe.....	June 30.....	1		
Conway.....	Sept. 28.....	3		
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	
<b>California:</b>				
San Francisco.....	Nov. 7.....	1		
<b>Colorado:</b>				
Boulder County.....	June 24-July 26....	5		
Colorado Cañon.....	Aug. 8.....	7		
Denver.....	Nov. 26.....	2		
Larimer County.....	Nov. 16-Nov. 26....	8		
Las Animas County.....	July 26.....	5		
	Nov. 26.....	1		
Pueblo.....	Dec. 4.....	8	1	
<b>District of Columbia:</b>				
Washington.....	Feb. 7.....	1		Naval Hospital.
	Apr. 2-May 5....	9		
	Aug. 13.....	1		
<b>Florida:</b>				
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		
<b>Georgia:</b>				
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		
Jasper County.....	Jan. 14-Nov. 29....	10		
Jones County.....	Jan. 14-Nov. 29....	300	4	Estimated.
Macon.....	Jan. 15-June 1....	100	3	
Stilesboro.....	Jan. 15.....			Smallpox reported.
<b>Illinois:</b>				
Biggsville.....	Dec. 16.....	1		
Chicago.....	May 4.....	1		
<b>Indiana:</b>				
Evansville.....	Feb. 26.....	1		
Richmond.....	Nov. 9.....	1		
<b>Iowa:</b>				
Hamburg, Fremont Co.....	Nov. 26.....	2		
Lacona, Warren Co.....	Nov. 26.....	2		
<b>Kansas:</b>				
Fort Scott.....	Sept. 15.....	1		
<b>Kentucky:</b>				
Butler.....	Feb. 8-Feb. 24....	1		
Louisville.....	Apr. 18.....	1		
Middlesboro.....	Feb. 3-Apr. 7....	183	2	Smallpox.
Laurel County.....	July 20.....			Do.
Clay County.....	July 20.....			Do.
Jackson County.....	July 20.....			Do.

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

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Louisiana:</b>				
New Orleans.....	Mar. 13-May 21....	5	.....	
<b>Massachusetts:</b>				
Greenfield.....	Feb. 5-Feb. 22....	1	.....	
Westfield.....	Feb. 20-Mar. 2....	1	.....	
<b>Michigan:</b>				
Detroit.....	Sept. 17-Sept. 27....	6	.....	
.....	Oct. 2-Oct. 8....	1	1	
Ecorse Township.....	Oct. 30-Nov. 5....	.....	.....	Smallpox.
Ionia.....	Mar. 20-Apr. 23....	.....	.....	Do.
Otsego.....	Sept. 10.....	.....	.....	Do.
Royal Oak.....	Feb. 12-Mar. 12....	1	.....	
Seneca Township.....	Aug. 6.....	1	.....	
.....	Aug. 27.....	.....	.....	Do.
<b>Mississippi:</b>				
Basin.....	May 16.....	7	.....	
Chicora.....	June 23-July 1....	.....	.....	Cases reported.
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	.....	
Ocean Springs.....	Feb. 20.....	3	.....	
Prairie.....	June 4-June 15....	.....	.....	Several cases.
State Line.....	June 23-July 1....	1	.....	
Shubuta, Clark County.....	May 28-June 15....	50	.....	
<b>New Jersey:</b>				
Westfield.....	Mar. 4.....	1	.....	
<b>New Mexico:</b>				
Albuquerque and vicinity.....	Mar. 5-Sept. 4....	52	8	Smallpox reported prevalent along the line of the Santa Fe R. R. August 4, 1898.
Deming and vicinity.....	Dec. 11.....	25	.....	Estimated.
Las Cruces and vicinity.....	June 1-Dec. 9....	428	166	
Las Vegas and vicinity.....	Dec. 9.....	.....	.....	Smallpox epidemic.
<b>New York:</b>				
Buffalo.....	May 21-June 18....	1	.....	
Deposit.....	Nov. 1-Nov. 30....	1	.....	
Livonia.....	July.....	1	.....	
New York City.....	May 14-May 21....	1	.....	
Waverley.....	July.....	5	.....	
<b>North Carolina:</b>				
Alamance County.....	Feb. 18-Feb. 25....	1	.....	
Asheville.....	Apr. 14-July 19....	1	.....	
Buncombe County.....	Apr. 16.....	1	.....	
Catawaba.....	July 19.....	6	.....	In one family.
Charlotte.....	Jan. 25-Feb. 12....	4	.....	
Clay County.....	Feb. 15-Feb. 24....	3	.....	
Cleveland.....	July 19.....	7	.....	13 found recovered; total, 20 cases.
Durham.....	do.....	1	.....	
Edgecombe County.....	Nov. 12.....	10	.....	
Elizabeth City.....	Dec. 19.....	1	.....	
Elmwood.....	Nov. 12.....	2	.....	
Iredell County.....	May 19-June 2....	9	.....	
Mooresville.....	July 19.....	1	.....	
Reidsville.....	do.....	1	.....	
Wilmington.....	Jan. 12.....	1	.....	
Wilson County.....	May 28.....	1	.....	
<b>Ohio:</b>				
Bays.....	July 14.....	2	.....	
Cincinnati.....	May 5.....	1	.....	
.....	Oct. 8.....	3	.....	
Columbus.....	Apr. 16-Apr. 22....	1	.....	
Cleveland.....	Nov. 14.....	1	.....	
Dayton.....	Sept. 23.....	1	.....	
.....	Oct. 8.....	1	.....	
Delphos.....	May 4-July 14....	15	.....	
Fairfield County.....	Apr. 8-May 11....	12	1	
Goshen.....	July 28.....	15	.....	
New Paris.....	Oct. 8.....	1	.....	
Oberlin.....	do.....	1	.....	
Put-in-Bay.....	Sept. 6.....	26	.....	
Sandusky.....	Oct. 8.....	1	.....	
St. Marys.....	do.....	2	.....	
Unioopolis.....	do.....	1	.....	
Van Wert.....	do.....	.....	.....	
Wapakoneta.....	June 23-July 15....	13	.....	
.....	Oct. 8.....	20	.....	
<b>Oklahoma:</b>				
Stroud.....	Dec. 8.....	1	.....	

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

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Pennsylvania:</b>				
Bedford .....	Dec. 11.....	20		
Bedford County.....	Dec. 11.....	5		
Chester County (near Spring City).....	Oct. 7-Oct. 29....	10	1	
Dunbar.....	June 23-July 13...	6		
Fulton County.....	Dec. 21.....	8		
Philadelphia.....	Apr. 13.....	2		
Sayre, Bradford County.....	Oct. 7-Nov. 28....	5		
<b>South Carolina:</b>				
Arkwright.....	Mar. 25.....	9		
Beaufort.....	Jan. 17.....			Smallpox reported.
Charleston.....	Apr. 22.....	1		
Columbia.....	Apr. 6-May 2.....	86		
Dyson.....	Mar. 25.....	3		
Greenville.....	Jan. 17.....			Do.
Orangeburg.....	Jan. 17.....			Do.
Pelham.....	Mar. 25.....	20		
Ridge Springs.....	Mar. 25.....	1		
Rock Hill.....	Jan. 17.....			Do.
Spartanburg.....	Jan. 17-July 26....	4		Do.
Sumter.....	May 2.....	12		
Swansea.....	Jan. 15.....			Do.
<b>Tennessee:</b>				
Bristol.....	Mar. 1-Mar. 31....	1		
Chattanooga.....	Jan. 1-Apr. 30....	21		
Cleveland.....	Apr. 1-Apr. 30....	6		
	July 1-July 31....	12		
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		
	July 1-July 31....	2		
Mingo mines.....	Jan. 1-Jan. 29....	6		
Mingo.....	Feb. 1-Mar. 31....	3		
Morristown.....	Feb. 1-Mar. 31....	6		
Newcomb.....	Feb. 1-Feb. 28....	3		
Rockford.....	Mar. 1-Mar. 31....	1		
Rutledge.....	Feb. 1-Apr. 30....	14		
Shields Ferry.....	Mar. 1-Mar. 31....	4		
Sprowles.....	Mar. 1-Mar. 31....	1		
<b>Texas:</b>				
Brownsville.....	Feb. 26.....	1		
Columbus.....	Feb. 2-Apr. 2.....	30	7	Do.
Laredo.....	Dec. 1-Dec. 7....	5	1	
<b>Virginia:</b>				
Colburn.....	Feb. 1.....			Do.
Newport News.....	Nov. 17.....	1		
Norfolk City.....	Mar. 1-Mar. 10....	2		
	Sept. 19-Dec. 15....	44	1	
Norfolk County.....	Jan. 1-Nov. 10....	60		Estimated.
Norton.....	Feb. 1.....			Smallpox reported.
Petersburg.....	Dec. 12-Dec. 18....	1		
<b>West Virginia:</b>				
Bluefield.....	Feb. 25.....	5		
Fayette County.....	May 6.....	8		
Mercer County.....	May 6.....	6		
McDowell County.....	May 6.....	12		
<b>Wisconsin:</b>				
Milwaukee.....	May 19.....	1		
Oshkosh.....	Apr. 28.....	1		
Wausau.....	Oct. 12.....	1		

*Report of immigration at Boston for the week ended December 17, 1898.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Boston, December 18, 1898.**Number of alien immigrants who arrived at this port during the week ended December 17, 1898; also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Dec. 11	Steamship Boston.....	Yarmouth, Nova Scotia.....	35
Dec. 12	Steamship Cephalonia.....	Liverpool, England.....	77
Dec. 14	Steamship Prince George.....	Yarmouth, Nova Scotia.....	32
Dec. 15	Steamship Halifax.....	Halifax, Nova Scotia.....	14
Do...	Steamship Boston.....	Yarmouth, Nova Scotia.....	30
Dec. 16	Steamship Lancastrian.....	Liverpool, England.....	12
Do...	Steamship Ontario.....	Hull England.....	3
Do...	Steamship Cambroman.....	Liverpool, England.....	10
Do...	Steamship Norseman.....	do.....	14
Dec. 17	Steamship Prince George.....	Yarmouth, Nova Scotia.....	26
Do...	Steamship Canada.....	Liverpool, England.....	30
Total.....			333

GEORGE B. BILLINGS,  
*Commissioner.**Report of immigration at New York for the week ended December 10, 1898.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of New York, December 14, 1898.**Number of alien immigrants who arrived at this port during the week ended December 10, 1898; also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Dec. 4	Steamship St. Louis.....	Southampton.....	96
Do...	Steamship Britannic.....	Liverpool and Queenstown.....	84
Do...	Steamship Phœnicia.....	Hamburg.....	471
Do...	Steamship Alesia.....	Naples.....	553
Dec. 5	Steamship Cymric.....	Liverpool and Queenstown.....	82
Do...	Steamship Rotterdam.....	Rotterdam.....	376
Do...	Steamship La Gascogne.....	Havre.....	330
Do...	Steamship Auguste Victoria.....	Genoa and Naples.....	345
Dec. 6	Steamship Heperia.....	Genoa and Gibraltar.....	690
Dec. 8	Steamship Majestic.....	Liverpool and Queenstown.....	120
Do...	Steamship State of Nebraska.....	Glasgow.....	53
Dec. 9	Steamship Saale.....	Bremen.....	204
Do...	Steamship Weimar.....	do.....	244
Total.....			3,648

THOMAS FITCHIE,  
*Commissioner.*



*Report of immigration at New York for the week ended December 17, 1898.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of New York, December 19, 1898.**Number of alien immigrants who arrived at this port during the week ended December 17, 1898 ;  
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Dec. 11	Steamship Paris .....	Southampton.....	79
Do....	Steamship Umbria .....	Liverpool and Queenstown.....	86
Dec. 12	Steamship Aragonia.....	Antwerp.....	183
Do....	Steamship La Champagne.....	Havre.....	314
Dec. 13	Steamship Italia.....	Antwerp.....	73
Do....	Steamship Pennsylvania.....	Hamburg.....	399
Do....	Steamship Amsterdam .....	Amsterdam.....	97
Dec. 14	Steamship Friesland.....	Antwerp.....	186
Dec. 15	Steamship Moravia.....	Hamburg.....	221
Do....	Steamship Ethiopia.....	Glasgow.....	81
Do....	Steamship Buffon.....	Rio de Janeiro.....	6
Dec. 16	Steamship Overnum.....	Lisbon and the Azores.....	96
Do....	Steamship Germanic.....	Liverpool and Queenstown.....	62
Do....	Steamship Kaiser Wilhelm II.....	Genoa.....	540
Dec. 17	Steamship Lucania.....	Liverpool and Queenstown.....	165
Do....	Steamship St. Paul.....	Southampton.....	75
Do....	Steamship Werkendam .....	Rotterdam.....	220
Do....	Steamship Oldenburg.....	Bremen.....	203
Total.....			3,086

THOMAS FITCHIE,  
*Commissioner.**Report of immigration at Philadelphia for the week ended December 17, 1898.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Philadelphia, December 19, 1898.**Number of alien immigrants who arrived at this port during the week ended December 17, 1898 ;  
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Dec. 12	Steamship Admiral Sampson.....	Jamaica.....	8
Dec. 14	Steamship Pennland.....	Liverpool and Queenstown.....	63
Total.....			66

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





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

**CALIFORNIA—Oakland.**—Month of November, 1898. Estimated population, 75,000. Total number of deaths, 86, including diphtheria, 5; enteric fever, 1, and 7 from phthisis pulmonalis.

**CONNECTICUT.**—Reports to the State board of health for the month of November, 1898, from 168 towns having an aggregate population of 893,060 show a total of 1,024 deaths, including diphtheria, 42; enteric fever, 22; scarlet fever, 4; whooping cough, 3, and 117 from phthisis pulmonalis.

**IOWA—Davenport.**—Month of November, 1898. Estimated population, 36,000. Total number of deaths, 27, including enteric fever, 1, and 3 from phthisis pulmonalis.

**KANSAS—Topeka.**—Month of October, 1898. Estimated population, 35,000. Total number of deaths, 29, including 3 from phthisis pulmonalis.

**MARYLAND—Baltimore.**—Month of October, 1898. Estimated population, 506,398—white, 431,054; colored, 75,344. Total number of deaths, 714—white, 548; colored, 166, including diphtheria, 53; enteric fever, 34; scarlet fever, 1, and 68 from phthisis pulmonalis.

**MASSACHUSETTS—Brockton.**—Month of November, 1898. Estimated population, 37,278. Total number of deaths, 44, including 4 from phthisis pulmonalis.

**Newton.**—Month of October, 1898. Estimated population, 27,590. Total number of deaths, 37, including 4 from phthisis pulmonalis.

Month of November. Total number of deaths, 37, including diphtheria, 1; enteric fever, 1, and 1 from phthisis pulmonalis.

**Worcester.**—Month of November, 1898. Estimated population, 106,202. Total number of deaths, 128, including diphtheria, 3; enteric fever, 1, and 19 from phthisis pulmonalis.

**MICHIGAN.**—Reports to the State board of health, Lansing, for the week ended December 10, 1898, from 66 observers indicate that scarlet fever, erysipelas, inflammation of bowels, and pneumonia increased, and enteric fever and intermittent fever decreased in area of prevalence. Phthisis pulmonalis was reported present at 130, enteric fever at 50, scarlet fever at 45, diphtheria at 32, whooping cough at 13, measles at 12, and smallpox at 2 places—Detroit and Ecorse Township.

**MINNESOTA—Minneapolis.**—Month of November, 1898. Estimated population, 225,602. Total number of deaths, 136, including diphtheria, 3; enteric fever 6, and 23 from phthisis pulmonalis.

**St. Paul.**—Month of November, 1898. Estimated population, 215,582. Total number of deaths, 128, including diphtheria, 18; enteric fever, 4, and 11 from phthisis pulmonalis.

**MISSOURI—St. Louis.**—Month of October, 1898. Estimated population, 623,000—white, 587,000; colored, 36,000. Total number of deaths,

629—white, 573; colored, 56, including diphtheria, 19; enteric fever, 12; whooping cough, 3, and 77 from phthisis pulmonalis.

**NEW HAMPSHIRE—Manchester.**—Month of November, 1898. Estimated population, 60,000. Total number of deaths, 87, including diphtheria, 7; enteric fever, 4, and 6 from phthisis pulmonalis.

**NEW YORK—Auburn.**—Month of November, 1898. Estimated population, 30,000. Total number of deaths, 24, including 5 from phthisis pulmonalis.

**Buffalo.**—Month of November, 1898. Estimated population, 370,000. Total number of deaths, 333, including diphtheria, 15; enteric fever, 9, and 32 from phthisis pulmonalis.

[Extract from Sanitary Code of New York city requiring the reporting of tuberculosis.]

Section 225. That pulmonary tuberculosis is hereby declared to be an infectious and communicable disease, dangerous to the public health. It shall be the duty of every physician in this city to report to the sanitary bureau in writing the name, age, sex, occupation, and address of every person having such disease who has been attended by or who has come under the observation of such physician for the first time within one week of such time. It shall also be the duty of the commissioners or managers or the principal superintendent or physician of each and every public or private institution or dispensary in this city to report to the sanitary bureau in writing or to cause such report to be made by some proper and competent person the name, age, sex, occupation, and last address of every person afflicted with this disease who is in their care or who has come under their observation within one week of such time. It shall be the duty of every person sick with this disease and of every person in attendance upon any one sick with this disease, and of the authorities of private institutions or dispensaries, to observe and enforce all the sanitary rules and regulations of the board of health for preventing the spread of pulmonary tuberculosis.

**OHIO—Cincinnati.**—Month of October, 1898. Estimated population, 405,000. Total number of deaths, 461, including diphtheria, 8; enteric fever, 14, and 39 from phthisis pulmonalis.

What diseases should be reported: In Cincinnati, typhoid fever, tuberculosis of respiratory organs, and several other diseases have heretofore been required to be reported; recently chickenpox has been added to the list because of the very general habit of physicians of calling smallpox chickenpox; it was found impossible to restrict smallpox in Ohio without having chickenpox notified. The ordinance in Cincinnati is as follows:

*Be it resolved by the board of city affairs,* That section No. 65 of the manual of the department of health of the city of Cincinnati be amended by inserting the word "chickenpox" after the word "smallpox," so that said section as amended shall read as follows:

Section 65. What diseases must be reported: It shall be the duty of every physician called to attend a person sick or suspected to be sick with cholera, yellow fever, smallpox, chickenpox, diphtheria, scarlet fever, measles, whooping cough, typhoid fever, typhus fever and tuberculosis of respiratory organs, within twelve hours thereafter, to report

the name and residence of such person to the board of health, or its proper officer, within whose jurisdiction such person is found ; and where a person is taken sick with any of the above-named diseases, and a physician is not called, it shall in a like manner be the duty of the owner or agent of the owner of the building in which such person resides, lives, or is staying, and of the head of the family in which such disease occurs, to report the name and residence of the patient to the board of health or its proper officer.

Adopted November 29, 1898.

PENNSYLVANIA — *Williamsport*.—Month of November, 1898. Estimated population, 35,000. Total number of deaths, 23, including enteric fever 1, and 1 from phthisis pulmonalis.

RHODE ISLAND—*Newport*.—Month of November, 1898. Estimated population, 21,500. Total number of deaths, 28, including enteric fever 1, and 5 from phthisis pulmonalis.

WASHINGTON—*Seattle*.—Month of November, 1898. Estimated population, 70,000. Total number of deaths, 40, including diphtheria, 4 ; enteric fever, 1, and 2 from phthisis pulmonalis.

*Tacoma*.—Month of November, 1898. Estimated population, 50,000. Total number of deaths, 28, including enteric fever, 3, and 4 from phthisis pulmonalis.

WISCONSIN—*Superior*.—Month of November, 1898. Estimated population, 35,000. Total number of deaths, 32, including 1 from diphtheria.

## 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.	Varicoid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Ann Arbor, Mich.	Dec. 10.	9,431	3										
Ashland, Wis.	do.	9,956	4	2									
Binghamton, N. Y.	Dec. 17.	35,005	10										
Boston, Mass.	do.	448,477	208	22					4			6	1
Bristol, R. I.	do.	5,478	1	1									
Brockton, Mass.	Dec. 3.	27,294	11										
Do.	Dec. 10.	27,294	11										
Cambridge, Mass.	Dec. 17.	70,028	20	1								1	
Charleston, S. C.	Dec. 10.	a 54,955	b 19							1			
Chicago, Ill.	Dec. 17.	1,099,850	442	45					15	3	2	17	
Cincinnati, Ohio	do.	296,908		15					3	3			
Cleveland, Ohio	Dec. 10.	261,353	97	6					7	1	1	5	
Do.	Dec. 17.	261,353	92	4					3	3	3	3	
Dayton, Ohio.	do.	61,220	23									1	
Detroit, Mich.	Dec. 10.	205,876	84								1		
Do.	Dec. 17.	205,876		8								1	
DuBois, Pa.	Dec. 11.	6,149	2										
Dunkirk, N. Y.	Dec. 10.	9,416	0										
Dunmore, Pa.	do.	8,315	4										
Erie, Pa.	Dec. 17.	40,634	9										
Everett, Mass.	Dec. 10.	11,068	3									1	
Fall River, Mass.	Dec. 17.	74,398	32	1									
Fitchburg, Mass.	Dec. 10.	22,037	11	2					1				
Flint, Mich.	Dec. 17.	9,803	4										
Grand Rapids, Mich.	Dec. 10.	60,278	26	1								1	
Do.	Dec. 17.	60,278	15	4									
Green Bay, Wis.	Dec. 10.	9,069	6	1									
Haverhill, Mass.	Dec. 17.	27,412	7	1									
Holyoke, Mass.	do.	35,637	8	3									
Hoboken, N. J.	do.	43,648	36	4								1	
Jersey City, N. J.	Dec. 11.	163,003	74	8					1	1	1		
Johnstown, Pa.	Dec. 17.	21,805	6	1									
Kalamazoo, Mich.	Dec. 10.	17,853	3	1									
Lancaster, Pa.	Dec. 11.	32,011	11										
Lawrence, Mass.	Dec. 10.	44,654	25	2					1	1		1	
Lowell, Mass.	Dec. 17.	77,696	28	2								2	
Lynchburg, Va.	do.	19,709	7	1									
McKeesport, Pa.	Dec. 10.	20,741	9										
Manchester, N. H.	Dec. 17.	44,126	14	2					1			1	
Medford, Mass.	do.	11,079	3						1				
Melrose, Mass.	Dec. 10.	8,519	5										
Memphis, Tenn.	do.	64,495	22	4							2		
Michigan City, Ind.	do.	10,776	2	1									
Middletown, N. Y.	Dec. 15.	7,681	3						1				
Milwaukee, Wis.	Dec. 10.	204,468	58	8					2			1	
Do.	Dec. 17.	204,468	85	8					1			3	
Minneapolis, Minn.	Dec. 10.	164,738	46									3	
Nashville, Tenn.	Dec. 17.	76,168	24	2									
New Bedford, Mass.	Dec. 17.	40,733	20	1									
Newburyport, Mass.	Dec. 10.	13,947	4										
New Orleans, La.	do.	242,039	144	15					5				1
Newport, R. I.	Dec. 17.	19,457	7	1									
New York, N. Y.	do.	3,438,899	1,266	174					12	13	19	7	4
Norristown, Pa.	do.	19,791	9						1				
North Adams, Mass.	do.	16,074	6	2									
Oakland, Cal.	Dec. 12.	46,682	20	2								3	
Do.	Dec. 19.	46,682	19										
Do.	Dec. 26.	46,682	25	4									
Do.	Dec. 3.	46,682	19	1					1			2	
Do.	Dec. 10.	46,682	18							1		1	
Omaha, Nebr.	Dec. 3.	140,452	25									2	
Oneonta, N. Y.	Dec. 17.	6,272	2										
Petersburg, Va.	Dec. 18.	22,680	14	3									
Philadelphia, Pa.	Dec. 17.	1,046,964	481	57					16	1	28		
Pittsburg, Pa.	Dec. 10.	238,617	97	9					7		2		2
Do.	Dec. 17.	238,617	99	2					6	1	2		2
Pittsfield, Mass.	do.	17,281	5										
Plainfield, N. J.	do.	11,267	3										
Portland, Me.	do.	36,425	24	1					1		2		

a Estimated population, 65,165—white, 28,870; colored, 36,295. b White, 7; colored, 12.

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

Cities.	Week ended.	Population, U. S. census of 1890.	Total deaths from all causes.	Deaths from—										
				Phthisis pulmonalis.	Yellow fever.	Smallpox.	Variceloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Pottstown, Pa.....	Dec. 2....	13,284	10	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....
Do.....	Dec. 9....	13,284	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Providence, R. I.....	Dec. 17....	132,146	55	4	.....	.....	.....	.....	.....	1	.....	.....	.....	2
Pueblo, Colo.....	Dec. 10....	24,558	9	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....
San Diego, Cal.....	do.....	16,159	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Santa Barbara, Cal.....	do.....	5,864	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sault Ste. Marie, Mich.....	do.....	5,760	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Scranton, Pa.....	Dec. 17....	75,215	25	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....
Seattle, Wash.....	Dec. 10....	42,837	12	2	.....	.....	.....	.....	.....	1	.....	1	.....	.....
Shreveport, La.....	Dec. 17....	11,979	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Spokane, Wash.....	Dec. 10....	19,922	7	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Springfield, Ill.....	Dec. 12....	24,903	6	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Do.....	Dec. 17....	24,903	8	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Steelton, Pa.....	Dec. 12....	9,250	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tacoma, Wash.....	Dec. 3....	36,006	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taunton, Mass.....	Dec. 17....	25,448	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tiffin, Ohio.....	do.....	10,801	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Warren, Ohio.....	Dec. 15....	5,973	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington, D. C.....	Dec. 10....	230,392	119	17	.....	.....	.....	.....	.....	9	.....	8	.....	1
Wausau, Wis.....	Dec. 17....	9,253	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Westfield, Mass.....	Dec. 10....	9,806	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wheeling, W. Va.....	Dec. 17....	35,013	12	2	.....	.....	.....	.....	.....	1	.....	1	.....	.....
Wichita, Kans.....	do.....	23,853	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wilmington, Del.....	do.....	61,431	28	.....	.....	.....	.....	.....	.....	1	.....	2	.....	.....
Winona, Minn.....	Dec. 10....	18,208	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Woburn, Mass.....	Oct. 22....	13,499	10	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Oct. 29....	13,499	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Nov. 5....	13,499	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Nov. 12....	13,499	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Nov. 19....	13,499	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Nov. 26....	13,499	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Dec. 3....	13,499	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Dec. 10....	13,499	5	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Worcester, Mass.....	Dec. 9....	84,655	17	2	.....	.....	.....	.....	.....	1	.....	1	.....	.....
Yonkers, N. Y.....	Dec. 16....	32,033	8	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Youngstown, Ohio.....	Dec. 17....	33,220	14	.....	.....	.....	.....	.....	.....	2	.....	2	.....	.....



Table of temperature and rainfall, week ended December 12, 1898.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
<b>Atlantic Coast:</b>						
Eastport, Me.....	28		2	.91		.33
Portland, Me.....	30		2	.82		.82
Northfield, Vt.....	25		5	.70		.42
Boston, Mass.....	33		2	.83		.83
Vineyard Haven, Mass.....	40		5	.77		.64
Nantucket, Mass.....	39		5	.96		.90
Woods Hole, Mass.....	37		4	.81		.10
Block Island, R. I.....	38		4	.81		.81
New Haven, Conn.....	35		4	.77		.77
Albany, N. Y.....	32		1	.63		.62
New York, N. Y.....	37		5	.73		.73
Harrisburg, Pa.....	37		7	.69		.69
Philadelphia, Pa.....	39		5	.58		.58
New Brunswick, N. J.....	37		7	.82		.82
Atlantic City, N. J.....	38		5	.84		.84
Baltimore, Md.....	40		6	.70		.70
Washington, D. C.....	38		5	.64		.64
Lynchburg, Va.....	41		5	.63		.63
Cape Henry, Va.....	46		9	.84		.84
Norfolk, Va.....	44		8	.84		.84
Charlotte, N. C.....	49		9	.85		.85
Raleigh, N. C.....	46		8	.56		.56
Kittyhawk, N. C.....	48		7	.91		.91
Hatteras, N. C.....	49		8	1.20		1.20
Wilmington, N. C.....	49		8	.63		.63
Columbia, S. C.....	50		10	.63		.60
Charleston, S. C.....	52		10	.70		.54
Augusta, Ga.....	49		8	.77		.48
Savannah, Ga.....	53		11	.69		.27
Jacksonville, Fla.....	57		10	.63	.53	
Jupiter, Fla.....	69		7	.56		.54
Key West, Fla.....	70		3	.35		.34
<b>Gulf States:</b>						
Atlanta, Ga.....	47		12	.98		.93
Tampa, Fla.....	64		12	.49		.46
Pensacola, Fla.....	56		13	.84		.27
Mobile, Ala.....	53		13	.98	.22	
Montgomery, Ala.....	51		13	1.02	.89	
Vicksburg, Miss.....	52		14	1.12		.70
New Orleans, La.....	57		14	.98	1.06	
Shreveport, La.....	51		14	1.05		.54
Fort Smith, Ark.....	44		13	.70		.66
Little Rock, Ark.....	46			.98		
Palestine, Tex.....	52		14	.84	.22	
Galveston, Tex.....	59		14	.91	.12	
San Antonio, Tex.....	57		18	.47		.08
Corpus Christi, Tex.....	61		16	.30	.10	
<b>Ohio Valley and Tennessee:</b>						
Memphis, Tenn.....	45		12	.87		.85
Nashville, Tenn.....	43		12	.79		.71
Chattanooga, Tenn.....	45		13	.98		.98
Knoxville, Tenn.....	41		12	.91		.91
Louisville, Ky.....	40		14	.91		.86
Indianapolis, Ind.....	35		13	.70		.70
Cincinnati, Ohio.....	38		15	.70		.66
Columbus, Ohio.....	35		13	.65		.65
Parkersburg, W. Va.....	39		12	.77		.75
Pittsburg, Pa.....	37		10	.63		.63
<b>Lake Region:</b>						
Oswego, N. Y.....	32		5	.77		.39
Rochester, N. Y.....	31		6	.63	.27	
Buffalo, N. Y.....	32		6	.77	.60	
Erie, Pa.....	34		10	.77	.35	
Cleveland, Ohio.....	33		16	.63		.43
Sandusky, Ohio.....	34		14	.56		.56
Toledo, Ohio.....	33		13	.56		.46
Detroit, Mich.....	31		10	.60		.34
Lansing, Mich.....	30		7	.44		.36
Port Huron, Mich.....	30		6	.56		.45
Alpena, Mich.....	26			.56		
Sault Ste. Marie, Mich.....	24		6	.49		.16
Marquette, Mich.....	25		3	.60	.10	
Green Bay, Wis.....	27		11	.56		.47
Grand Haven, Mich.....	31		5	.63		.50

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

Table of temperature and rainfall, week ended December 18, 1898—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
<b>Lake Region—Continued.</b>						
Milwaukee, Wis.....	28		12	.42		.41
Chicago, Ill.....	30		13	.56		.54
Duluth, Minn.....	20		8	.35		.28
<b>Upper Mississippi Valley:</b>						
St. Paul, Minn.....	22		10	.30		.27
La Crosse, Wis.....	26		13	.35		.34
Dubuque, Iowa.....	28		14	.42		.42
Davenport, Iowa.....	29		13	.42		.41
Des Moines, Iowa.....	29		14	.35		.32
Keokuk, Iowa.....	32		14	.47		.47
Hannibal, Mo.....	34		11	.39		.39
Springfield, Ill.....	34		12	.63		.63
Cairo, Ill.....	41		12	.77		.47
St. Louis, Mo.....	38		12	.70		.54
<b>Missouri Valley:</b>						
Columbia, Mo.....	40		16	.49		.17
Springfield, Mo.....	40		16	.69		.37
Kansas City, Mo.....	34		14	.39		.23
Topeka, Kans.....	37		14	.21	.02	
Wichita, Kans.....	39		14	.21	.22	
Concordia, Kans.....	34		14	.12		.12
Lincoln, Nebr.....	38		16	.14		.14
Omaha, Nebr.....	30		14	.24		.24
Sioux City, Iowa.....	29		14	.28		.27
Yankton, S. Dak.....	25		9	.21		.20
Valentine, Nebr.....	30		17	.07		.05
Huron, S. Dak.....	22		10	.14		.12
Pierre, S. Dak.....	26		12	.07	.01	
Moorhead, Minn.....	15		7	.20		.14
Bismarck, N. Dak.....	19		8	.14		.13
Williston, N. Dak.....	17		8	.14		.14
<b>Rocky Mountain Region:</b>						
Havre, Mont.....	25		15	.14		.09
Helena, Mont.....	31		21	.21		.20
Miles City, Mont.....	22		11	.07	.05	
Rapid City, S. Dak.....	33		17	.07	.03	
Spokane, Wash.....	35		22	.55		.55
Walla Walla, Wash.....	43		29	.46		.46
Baker City, Oreg.....	31		18	.40		.40
Winnemucca, Nev.....	32			.30		
Idaho Falls, Idaho.....	24		23	.35		.33
Salt Lake City, Utah.....	33		10	.36		.36
Lander, Wyo.....	23		19	.10	.04	
Cheyenne, Wyo.....	31		17	.07		.02
North Platte, Nebr.....	31		14	.14		.12
Denver, Colo.....	35		18	.15	.20	
Pueblo, Colo.....	36		17	.10	.48	
Dodge City, Kans.....	35		14	.14	.14	
Oklahoma, Okla.....	44		18	.52		.44
Amarillo, Tex.....	38		16	.21	.54	
Ablene, Tex.....	49		19	.35	.39	
Santa Fe, N. Mex.....	32		11	.21	.18	
El Paso, Tex.....	46		13	.14	.29	
Phoenix, Ariz.....	54		7	.21	1.45	
<b>Pacific Coast:</b>						
Seattle, Wash.....	43		5	1.23		1.23
Tacoma, Wash.....	42		7	1.68		1.68
Fort Canby, Wash.....	45	1		2.28		2.28
Portland, Oreg.....	43		10	1.71		1.71
Roseburg, Oreg.....	44		12	1.38		1.38
Eureka, Cal.....	49			1.78		
Redbluff, Cal.....	47	1		1.15		1.15
Carson City, Nev.....	37		13	.49		.49
Sacramento, Cal.....	47		0	.88		.88
San Francisco, Cal.....	52		2	1.08		1.08
Fresno, Cal.....	46	1		.35		.35
San Luis Obispo, Cal.....	54		4	1.03		.97
Los Angeles, Cal.....	56		1	.86		.85
San Diego, Cal.....	56		1	.49	.25	
Yuma, Ariz.....	58		8	.07	.46	

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 December 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 24.....		16	
	June 1-June 7.....		1	
	June 20-June 28.....		2	
	July 5-July 12.....		3	
	July 19-July 26.....		4	
	July 26-Aug. 30.....		4	
	Sept. 13-Sept. 27.....		2	
	Oct. 3-Oct. 25.....		5	
	Nov. 2-Nov. 15.....		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 16.....		17	
	July 16-July 30.....		8	
	July 31-Aug. 20.....		10	
	Aug. 27-Sept. 3.....		4	
	Sept. 4-Sept. 24.....		9	
	Oct. 1-Oct. 22.....		7	
Madras.....	Nov. 30-Dec. 10.....		8	
	Dec. 4-Dec. 31.....		11	
	Jan. 1-Jan. 28.....		45	
	Jan. 29-June 10.....		43	
	July 9-July 22.....		43	
	July 22-July 29.....		36	
	July 30-Aug. 5.....		38	
	Aug. 6-Aug. 12.....		71	
	Sept. 4-Sept. 30.....		169	
	Oct. 1-Nov. 11.....		78	
Singapore.....	Nov. 1-Nov. 30.....		1	
	Dec. 1-Dec. 31.....		1	
	Mar. 1-Mar. 31.....		1	
Japan:				
Awomori Ken.....	Aug. 17-Sept. 11.....	1		
Fukuoka Ken .....	June 27-July 27.....	1		
Fukushima Ken .....	Aug. 17-Sept. 11.....	3	2	
Higo.....	May 19-June 5.....	1	1	
Ishikawa Ken.....	June 27-July 27.....	3	2	
Kanagawa Ken.....	Mar. 24-June 26.....	15	7	
	Aug. 17-Sept. 29.....	6	3	
Okayama.....	Apr. 29-May 19.....	1		
Osaka and Higo.....	Mar. 26-June 11.....	4	2	
	May 21-May 28.....	1		
	July 16-Sept. 3.....	7	4	
Tokyo Fu.....	Apr. 11-June 15.....	14	4	
	July 28-Sept. 29.....	29	20	
	Oct. 21-Nov. 17.....	2		
Yamagata Ken.....	June 27-July 27.....	1		
Yokohama.....	Apr. 15-Apr. 29.....		1	
Straits Settlements:				
Singapore.....	June 1-June 30.....		1	

Cholera reported epidemic.

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

## YELLOW FEVER.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Brasil:</b>				
Araraguara.....	Mar. 1-Mar. 31...	4	3	
	Apr. 1-May 31...	125	57	
Bahia.....	Dec. 27.....	3	2	
	Dec. 29.....	6	.....	Taken off of Nor. bk. Adonis.
	May 2-June 7...	6	3	
	Aug. 12-Aug. 25...	5	.....	
	Oct. 22-Nov. 19...	1	1	
Oeara.....	Nov. 1-Nov. 30...	.....	1	
Descalvado.....	May 1-May 31...	2	1	
Jaboticabal.....	Mar. 1-Mar. 31...	35	16	
Para.....	Dec. 12-Jan. 1...	.....	24	
	Jan. 2-Jan. 15...	.....	22	
	Jan. 16-Feb. 28...	.....	30	
	June 1-June 23...	5	1	
	Sept. 20-Oct. 3...	.....	3	
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 29...	.....	990	
	July 30-Sept. 2...	59	39	
	Sept. 3-Sept. 30...	24	14	
	Oct. 1-Nov. 4...	.....	17	
Sao Carlos de Pinhal.....	Feb. 28-Mar. 31...	223	58	
	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. 28...	21	3	
	Mar. 1-Mar. 31...	32	13	In isolation hospital.
	Apr. 1-Apr. 30...	103	52	84 deaths in isolation hospital.
	May 3-May 24...	159	97	
	June 4-June 18...	72	43	
	July 1-Aug. 31...	.....	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	
<b>Colombia:</b>				
Barranquilla.....	Oct. 16-Nov. 5...	.....	7	Number of cases not reported.
Cartagena.....	June 1-June 30...	.....	1	
	July 1-July 30...	5	4	
	Sept. 1-Sept. 30...	1	1	
	Nov. 1-Nov. 30...	1	1	
Colon.....	June 6-June 22...	.....	.....	Sporadic cases of yellow fever occur from time to time.
<b>Costa Rica:</b>				
Limon.....	June 14-Aug. 19...	.....	3	
	Aug. 16-Aug. 24...	.....	2	
	Aug. 25-Sept. 10...	.....	2	
<b>Cuba:</b>				
Olenfuegos.....	Dec. 20-Jan. 2...	.....	2	No reports received since hostilities with Spain began.
	Jan. 3-Jan. 23...	.....	1	
Gibara.....	Sept. 1-Sept. 15...	4	0	
Habana.....	Dec. 17-Dec. 30...	.....	6	
	Jan. 1-Dec. 15...	.....	133	
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	
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	Yellow fever reported.
	July 20-Aug. 2...	.....	.....	
	Aug. 18.....	1	.....	
Siboney.....	July 10.....	14	.....	

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

## YELLOW FEVER—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
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:				
City of Mexico.....	Oct. 10-Oct. 16...		1	Number of cases not reported.
Jimenez.....	Sept. 28.....			Yellow fever reported.
Monterey.....	Aug. 2.....			Do.
	Oct. 25.....	40		Do.
	Nov. 1.....	0	4	
	Nov. 2.....	11	8	
	Nov. 5.....	1	5	
	Nov. 6.....	0	3	
	Nov. 7.....		0	
	Nov. 8.....		2	
	Nov. 25-Dec. 1...		3	
Tampico.....	July 17-July 24...	15	7	
	July 24-July 31...		9	
	Aug. 1-Sept. 4...		122	Reported epidemic August 16.
	Sept. 5-Oct. 2...		61	
	Oct. 3-Oct. 23...		21	
Vera Cruz.....	July 9.....			1 case reported.
	Aug. 14-Sept. 15...		23	
	Sept. 22-Oct. 6...		16	
	Oct. 20-Dec. 8...		51	
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:				
Curacao.....	June 4.....	10	1	On H. M. S. Atkmaar. Patients taken to quarantine hospital.
Yucatan:				
Merida.....	July 8.....			Yellow fever reported.

## PLAGUE.

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		
Austria:				
Vienna.....	Oct. 22-Nov. 5...		2	
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. 26...	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	
	June 26-July 16...		17	
	Aug. 7-Aug. 13...	1		
	Aug. 27-Sept. 8...	1	1	
	Sept. 27-Oct. 29...		4	
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.

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

## PLAGUE—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>India:</b>				
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 26.....		122	
	July 27-Aug. 30.....		467	
	Sept. 14-Sept. 27.....		276	
	Oct. 3-Oct. 25.....		499	
	Nov. 2-Nov. 15.....		122	
Calcutta.....	Apr. 25-May 4.....	25	12	Plague reported. "Sporadic." May 28.
	June 25-July 30.....		48	
	July 31-Sept. 3.....		27	
	Sept. 4-Sept. 24.....		10	
Karachi.....	Apr. 6-Apr. 12.....	51	31	
Madras.....	Nov. 5-Nov. 11.....		2	
<b>Japan:</b>				
Hio-go.....	May 19-June 5.....	1	1	In quarantine on steamship Peru.
Osaka and Hio-go.....	May 21-May 23.....	1	1	
Taiwan, Formosa.....	Dec. 28-Apr. 28.....	505	84	
Formosa Ports (Taipeh-Tainan, and Taiwan.)	Apr. 29-June 15.....	2,333	1,483	
Yokohama.....	Mar. 1-Apr. 11.....	2	1	
Nagasaki.....	June 6-June 15.....	1	1	In quarantine on steamship Hikozan Maru.
<b>Russia:</b>				
St. Petersburg.....	Mar. 26-Apr. 2.....		1	
	Aug. 13.....		1	
<b>Turkestan:</b>				
Anzob.....	To Nov. 2.....		233	

## SMALLPOX.

<b>Africa:</b>				
Cape Colony .....	Sept. 3.....			Smallpox reported.
Lorenzo Marquez.....	Jan. 1-Jan. 31.....		3	
	Sept. 1-Sept. 30.....	3	3	
Natal.....	Sept. 3.....			Do.
Pretoria.....	Sept. 3.....			Do.
<b>Australia:</b>				
Sydney.....	June 1-June 30.....	1		
<b>Belgium:</b>				
Antwerp.....	May 1-May 7.....	2		
	June 4-June 11.....	3	2	
	July 31-Aug. 6.....	1	2	
	Aug. 13-Aug. 20.....	2	1	
	Oct. 1-Oct. 29.....	11	6	
	Oct. 30-Nov. 26.....	22	13	
Brussels.....	June 4-June 11.....		1	
Ghent.....	May 7-May 14.....		1	
	July 9-July 30.....		4	
	Sept. 10-Sept. 17.....		1	
Liege.....	July 23-July 30.....		1	
	Aug. 13.....		1	
<b>Bohemia:</b>				
Prague.....	Dec. 12-Jan. 1.....	11		
	Jan. 2-May 14.....	151		
	June 11-June 18.....	5		
<b>Brazil:</b>				
Bahia.....	June 11-June 25.....	17		
	Aug. 28-Oct. 1.....	141	20	
	Oct. 2-Nov. 19.....	228	32	
Ceara.....	Mar. 1-Mar. 31.....		10	
Montevideo.....	May 14-May 21.....	1		
Pernambuco.....	Dec. 1-Dec. 25.....		8	
	Apr. 15-Apr. 23.....			
Rio de Janeiro.....	Nov. 21-Dec. 4.....	10		
	Dec. 5-Jan. 1.....	9	1	
	Jan. 1-Apr. 8.....	2	1	
	July 1-July 26.....	11		
	Aug. 26-Sept. 30.....	46	9	
	Oct. 1-Nov. 4.....	65	24	

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

## SMALLPOX—Continued.

Places.	Dates.	Cases.	Deaths.	Remarks.
<b>Brazil—Continued.</b>				
Sao Paulo.....	Feb. 1–July 29...	40	13	
Sorocaba.....	Dec. 16–Jan. 30...	32	10	
<b>British Columbia:</b>				
Vancouver.....	June 14.....	9	.....	
Victoria.....	May 9.....	1	.....	
<b>Canada:</b>				
Halifax.....	May 14–May 28...	6	.....	
Mallesonneuve.....	Jan. 26–Feb. 16...	3	.....	
Montreal.....	Jan. 8–Jan. 12...	3	0	
	Feb. 11–Feb. 16...	1	.....	
<b>China:</b>				
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 28–June 18...	3	2	
<b>Cuba:</b>				
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	
Gibara.....	Sept. 1–Sept. 15...	65	10	
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	
<b>Ecuador:</b>				
Guayaquil.....	Nov. 5–Nov. 12...	.....	1	
<b>England:</b>				
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	
	Aug. 21–Sept. 17...	9	.....	
	Oct. 8–Oct. 15...	.....	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	
	Sept. 10–Sept. 17...	5	.....	Removed from vessels.
	Nov. 5–Nov. 12...	1	.....	Do.
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	.....	
<b>France:</b>				
Marseilles.....	May 1–May 31...	1	1	
Nantes.....	July 1–July 31...	.....	1	
Paris.....	July 2–July 9...	.....	1	
	July 31–Aug. 6...	.....	1	
	Oct. 19–Oct. 26...	.....	1	
<b>Germany:</b>				
Bremen.....	Apr. 23–May 14...	2	.....	
Hamburg.....	Mar. 6–Mar. 12...	2	.....	
	July 16–July 23...	1	.....	
<b>Gibraltar.....</b>	Dec. 6–Dec. 12...	1	.....	
	Dec. 27–Apr. 3...	6	.....	
	Sept. 12–Sept. 25...	2	.....	
<b>Honduras:</b>				
Tegucigalpa.....	July 9–July 23...	2	.....	
<b>India:</b>				
Bombay.....	Feb. 9–May 24...	.....	32	
	June 20–June 28...	.....	3	
	July 5–July 12...	.....	1	
	Aug. 2–Aug. 30...	.....	3	
	Oct. 3–Oct. 11...	.....	1	
Calcutta.....	Dec. 19–Dec. 25...	.....	1	
	Jan. 30–May 28...	.....	56	

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

## SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<i>India—Continued.</i>				
Calcutta .....	June 4-June 11.....		2	
	June 25-July 16.....		5	
	Aug. 21-Sept. 3.....		1	
	Sept. 4-Sept. 17.....		2	
Madras.....	Nov. 27-Dec. 3.....		1	
	Dec. 4-Dec. 31.....		3	
	Jan. 1-Jan. 28.....		6	
	Jan. 29-Feb. 4.....		6	
	Feb. 5-Apr. 22.....		66	
Madras.....	Apr. 30-May 20.....		12	
	May 20-May 27.....		2	
	July 22-July 29.....		1	
	Aug. 6-Sept. 2.....		4	
	Sept. 3-Sept. 23.....		3	
Singapore .....	Mar. 1-Mar. 31.....		1	
	Aug. 1-Aug. 31.....		1	
	Sept. 1-Sept. 30.....		1	
<i>Italy:</i>				
Messina.....	Dec. 12-Jan. 8.....		5	
	Jan. 30-May 21.....		5	
Rome.....	Oct. 1-Oct. 8.....		1	
<i>Japan:</i>				
Aichi Ken.....	Dec. 28-June 5.....	9	1	
	June 27-July 27.....	4		
	Sept. 20-Sept. 29.....	1		
Akita Ken.....	Dec. 28-June 5.....	18	4	
	June 27-July 27.....	4	2	
	Aug. 17-Sept. 11.....	53	16	
Awamori Ken.....	Dec. 28-Aug. 16.....	244	39	
	Aug. 17-Sept. 29.....	64	21	
	Sept. 30-Nov. 17.....	87	21	
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		
	Oct. 21-Nov. 17.....	1		
Fukushima Ken.....	Dec. 28-Aug. 16.....	151	39	
Gifu Ken.....	Feb. 4-Feb. 22.....	1		
	Oct. 21-Nov. 17.....	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		
Ishikawa Ken.....	Apr. 28-May 19.....	2		
	Sept. 12-Sept. 19.....	1		
	Oct. 21-Nov. 17.....	1		
Iwate Ken.....	Dec. 28-June 5.....	47	10	
	June 27-July 27.....	4	2	
	Sept. 30-Oct. 20.....	1		
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	
	Oct. 21-Nov. 17.....	6		
Miyazaki 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.....	July 28-Aug. 16.....	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		



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

## SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<i>Japan—Continued.</i>				
Fuchigo Ken.....	Mar. 24-Apr. 10...	1	.....	
Tokyo Fu.....	Dec. 28-Mar. 23...	6	.....	
	June 16-July 27...	9	.....	
	Sept. 20-Sept. 29...	1	.....	
	Sept. 30-Nov. 17...	3	.....	
Tokushima Ken.....	Apr. 29-June 5...	3	.....	
Tottori.....	June 6-June 15...	1	.....	
Yamagata Ken.....	Jan. 22-Aug. 16...	48	9	
	June 27-July 27...	4	1	
	Aug. 17-Sept. 29...	8	.....	
Yamaguchi Ken.....	Feb. 4-Apr. 28...	10	1	
Yamanashi Ken.....	Mar. 24-Apr. 28...	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	
	July 28-Sept. 29...	4	2	
	Oct. 21-Nov. 17...	1	.....	
Mexico:				
Nogales.....	May 13.....	4	.....	
Saltillo.....	Dec. 2.....	.....	.....	Present but not epidemic.
Norway:				
Christiania.....	Mar. 20-May 21...	19	2	
	July 2-July 23...	9	1	
	July 31-Aug. 13...	4	.....	
	Aug. 13-Aug. 20...	1	1	
	Aug. 20-Aug. 27...	1	.....	
	June 4-June 11...	3	.....	At quarantine hospital.
Nova Scotia:				
Halifax.....	June 4-June 11...	3	.....	
Netherlands:				
Amsterdam.....	Dec. 12-Dec. 24...	1	.....	
Rotterdam.....	Dec. 12-Dec. 31...	3	1	
	Jan. 1-Jan. 29...	1	.....	
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	
	July 23-July 30...	2	2	
	Aug. 27-Sept. 24...	40	3	
	Nov. 5-Nov. 12...	17	5	
Moscow.....	Oct. 3-Oct. 29...	37	15	
	Oct. 30-Nov. 5...	12	2	
Odessa.....	Dec. 5-Jan. 1...	53	9	
	Jan. 2-Jan. 29...	34	7	
	Jan. 30-July 3...	.....	21	
	July 23-Aug. 6...	7	2	
	Aug. 13-Nov. 26...	35	6	
St. Petersburg.....	Dec. 4-Dec. 25...	35	13	
	Jan. 9-Jan. 29...	56	19	
	Jan. 30-July 30...	.....	80	
	Aug. 6-Aug. 27...	3	.....	
	Aug. 28-Sept. 3...	6	2	
	Sept. 4-Sept. 24...	8	5	
	Oct. 8-Nov. 26...	23	7	
Warsaw.....	Dec. 19-May 28...	.....	136	
	June 4-June 18...	.....	15	
	June 25-July 23...	.....	22	
	Aug. 1-Aug. 8...	.....	6	
	Aug. 13-Aug. 20...	.....	3	
	Sept. 3-Oct. 29...	.....	44	
	Oct. 30-Nov. 26...	.....	16	
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	
Straits Settlements:				
Singapore.....	June 1-June 30...	.....	3	
Turkey:				
Constantinople.....	Jan. 10-Feb. 6...	.....	53	
	Feb. 28-May 8...	.....	94	
	Sept. 5-Sept. 25...	.....	17	
	Sept. 26-Nov. 7...	.....	76	

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

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Uruguay :</b>				
Montevideo.....	Dec. 25-Mar. 19...	5	.....	
	May 1-May 7 .....		1	
	June 19-June 26...	1	.....	
	July 9-July 16...	2	.....	
	July 30-Aug. 6...	1	.....	
	Sept. 1-Sept. 13...	1	.....	
	Oct. 8-Oct. 15...	2	.....	
<b>Venezuela :</b>				
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.
<b>Wales :</b>	To Aug. 21 .....	2,000	600	
Cardiff.....	Dec. 18-Dec. 24...	1	.....	

*Current quarantine measures.*

[Translated in this Bureau from the "Veröffentlichungen des Kaiserlichen Gesundheitsamtes," Berlin, November 16 and 23, 1898.

**RUSSIA.**—Precautionary measures against the spread of the plague epidemic, which has broken out in the hill village of Anzob, situated 250 versts southeast of Samarcand, have been put in force along the trans-caspian railway line in Aschabad. The sanitary commission has resumed active duties, and train officials and physicians are to be appointed. Medical inspection stations have been established at the two stations on the Samarcand-Amu Darja Stretch and at Buchara, and accommodations are to be provided for the sick at the stations of Katti-Kurgan, Kermine, Karakul, and Farab. Rags, fresh bones, and animal refuse, used bedclothing and personal clothing, are prohibited shipment as merchandise. Goods arriving at Samarcand by the Audischan railway are received only when they can be certified as previously disinfected. The railway service is charged with providing the means of disinfection and antitoxic serum, and is required to increase the personnel of physicians and attendants to accompany the trains. His Highness Prince Alexander of Oldenburg is ordered to the scene of the epidemic and placed in charge of the measures for the suppression of the disease.

**TURKEY.**—The international board of health at Constantinople has addressed a communication to the sanitary authorities at Varna, Bulgaria, instructing them in the measures to be employed in regard to persons arriving from plague-infected localities. Oversight is to be had of all persons returning to their homes in Bulgaria and those who are suffering from inflammation of the lungs.

**PORTUGAL.**—By ministerial order of November 4, measures against arrivals from Vienna are suspended from November 8.

**BRAZIL.***Sanitary Report from Rio.*

RIO DE JANEIRO, November 17, 1898.

SIR: I have the honor to transmit to you the official report for the weeks ended October 28 and November 4.

There were, during the first week, 290 deaths from all causes, an increase of 42, as compared with the foregoing week; 8 deaths from

accessio pernicioso, an increase of 2; 3 deaths from yellow fever, the same as before; 5 deaths from smallpox, an increase of 2; 3 deaths from typhoid fever, none before; 3 deaths from beriberi, an increase of 1, and 67 deaths from tuberculosis, an increase of 16.

During the week ended November 4, there were 273 deaths from all causes, a decrease of 17, as compared with the foregoing week, 12 deaths from accessio pernicioso, an increase of 4; 2 deaths from yellow fever, a decrease of 1; 3 deaths from smallpox, a decrease of 2; 3 deaths from typhoid fever, the same as before; 1 death from diphtheria, and 1 death from whooping cough, none before; 5 deaths from beriberi, an increase of 2; 53 deaths from tuberculosis, a decrease of 14.

There occurred during the week ended November 11, 242 deaths from all causes, 4 deaths from accessio pernicioso, 3 deaths from yellow fever, 3 deaths from smallpox, 12 deaths from different fevers, and 2 deaths from beriberi.

Since last report the following-named ships have been inspected and received bills of health of this office: November 4, bark *Eurydice*, British, for Pensacola, and barkentine *Mersey*, British, for Mobile. November 5, steamship *Hileysike*, British, for Galveston. November 8, steamship *Sallust*, British, for New York. November 10, steamship *Darlecara*, German, for New York, and bark *George Thompson*, British, for Brunswick. November 11, steamship *Mozart*, British, for New York. November 12, steamship *California*, French, for New Orleans. November 15, bark, *Oliveira*, Portuguese, for Savannah.

Respectfully, yours,

W. H. HAVELBURG, M. D.,

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

The SUPERVISING SURGEON-GENERAL,

U. S. Marine-Hospital Service.

CUBA.

### *Sanitary reports from Habana.*

HABANA, CUBA, December 9, 1898.

SIR: I would submit the following report for the week ended Thursday, December 8, 1898. The first cold weather, probably 60° F., was experienced on Monday, December 5, and the temperature still remains delightfully cool. The good effects of this change will be distinctly noticed in the mortality records of the next few weeks; the mortality for this week being lower than that of any week in several months.

One death from yellow fever occurred in the person of an Englishman who died at the civil hospital known as the Quinta del Rey. Enteric fever is increasing, there having been 42 deaths this week, against 21 for the preceding week; there was also a heavy increase in the number of deaths from pernicious fever, while the deaths from malarial fever remain the same as the week preceding this. Deaths from intestinal diseases are still numerous.

It is evident that the poorer class of people are succumbing to the diseases enumerated above, because of their lack of vitality superinduced, first, by the manner of living, and second, because, during the time this port was blockaded, they were half starved. Many of them are homeless, and when they become ill they are in such a weakened condition that they do not respond to treatment and diet, such as they get, which is not that to be obtained by a poor person taken to a hospital in the United States.

There are several thousand of these people, I refer to the reconcentrado class, not to the city poor, who must be cared for; the few that are well, to be provided with food and clothing, and the sick must be provided for in hospitals before they can be returned to their country homes; certainly they are physically unfit to perform any labor for months. If allowed to remain in their present condition they will linger for months, augmenting the death rate and the danger to the health for our army of occupation.

By actual observation yesterday I saw on Obispo Street 55 persons, nearly all of them being women and children, who were in a condition bordering on starvation and I would say that 3,000 would be an under estimate of this class of persons in the city. Hence I would urge that these people be cared for as a protection to our Army.

Army transports are now bringing supplies to this port and discharging their cargo at the San José wharves; these vessels lie alongside the wharves during the night. The *Roumanian* remained two nights there; the *Florida* remained one night, and on the occasion of her last visit it was found on inspecting the vessel preparatory to giving the bill of health, that her crew had frequented the low dives in the vicinity of the wharves. These vessels returned to ports in the Southern States, and I would suggest that they be carefully inspected on their arrival at the ports of destination, and I would urge the issuing of instructions forbidding the crews of these vessels going ashore. To those who know the habits of sailors the necessity of keeping them aboard ship is apparent.

Very respectfully,

W. F. BRUNNER,

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

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

*Mortality of the city of Habana for the week ended Thursday, December 8, 1898.*

Cause of death.	Total.
Yellow fever.....	1
Enteric fever.....	42
Pernicious fever.....	23
Malarial fever.....	58
Diphtheria.....	1
Dysentery.....	34
Enteritis.....	68
Pneumonia.....	4
Tuberculosis.....	55
Deaths from all causes.....	416
Deaths in the military hospital from yellow fever.....	0
Deaths in the civil hospitals from yellow fever.....	1
Deaths in the city from yellow fever.....	0
Annual ratio per 1,000.....	108.16

- HABANA, CUBA, *December 16, 1898.*

SIR: The following report for the week ended Thursday, December 15, is respectfully submitted: While the deaths from all causes are but a tenth less than that of the preceding week, still there is a marked decrease in the deaths from all preventable diseases. This is due to the influence of two northers, one following the other, decreasing the temperature and causing cool weather for eight to ten consecutive days.

Two deaths were caused by yellow fever. One death is said to have occurred at Marianao, a village about 10 miles from Habana, and near which town the American troops will be encamped.

American troops are being landed almost daily here. The vessels bringing these troops disembark them at San José Wharf, which is on the Habana side of the harbor, and almost in every instance these vessels with the troops remain twenty-four hours at said wharf.

San José Wharf lies to the northward of Tallapiedra, the navy-yard intervening; it is without doubt infected. The piers at which these transports lie have always been used by Spanish steamers plying between ports in Spain and Habana. The warehouses immediately connected with these wharves have never been occupied by Spanish troops, but those lying to the southward, and which are now being used for the storing of commissary supplies by our Government are said to have been so used at one time. To land quartermaster supplies at this wharf is a dangerous undertaking, particularly broken packages, and this will occur in every cargo brought here.

Two transports, *Minnewaska* and *Roumanian*, carrying medical officers of the United States Marine-Hospital Service, have disembarked their troops and discharged their cargoes at this wharf, remaining there over night under protest of these officers. In issuing bills of health for all such vessels, I have stated that the wharf was infected and that not only troops had left the vessels and returned to them after going ashore but some of the crew had done the same thing. I believe that all such vessels going to ports in the Southern States should be disinfected at ports of arrival.

One case of yellow fever has developed on the American schooner *James Slater*, which vessel discharged her cargo of lumber at Tallapiedra Wharf. This vessel, which sails for Pascagoula, will stop at the Tortugas Quarantine Station.

Very respectfully,

W. F. BRUNNER,  
*Sanitary Inspector, U. S. M. H. S.*

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

*Mortality of the city of Habana for the week ended Thursday, December 15, 1898.*

Causes of death.	Total.
Yellow fever.....	2
Enteric fever.....	29
Pernicious fever.....	13
Malarial fever.....	41
Dysentery.....	15
Enteritis.....	60
Grippe.....	3
Starvation.....	3
Pneumonia.....	9
Tuberculosis.....	44
Deaths from all causes.....	409
Deaths in the military hospitals from yellow fever.....	1
Deaths in the city hospitals from yellow fever.....	0
Deaths in the city from yellow fever.....	1
Annual ratio per 1,000.....	106.34

#### INDIA.

*Cholera sporadic in Madras.*

CONSULATE-GENERAL OF THE UNITED STATES,  
*Calcutta, November 3, 1898.*

SIR: I have the honor to state that on August 11, 1898, I received a telegram from the consular agent at Madras, saying, "Cholera officially

declared to exist in Madras in epidemic form," and immediately cabled the Department of State "Cholera epidemic Madras."

I am in receipt of a telegram from the consular agent there dated October 27 ultimo, saying, "Cholera now declared in sporadic form only in Madras," and I trust it may soon disappear altogether.

I am, sir, your obedient servant,

R. F. PATTERSON,

*United States Consul-General.*

HON. ASSISTANT SECRETARY OF STATE.

JAPAN.

*Sanitary report from Yokohama.*

YOKOHAMA, JAPAN, *November 18, 1898.*

SIR: I have the honor to inclose, herewith, my regular report of infectious diseases in Japan, for period October 21 to November 17 of present year.

The epidemic of dysentery seems to persist into the cooler weather more than in any former season, nearly the entire empire now appears saturated with the poison of this disease, and we can fairly anticipate its annual recurrence.

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

STUART ELDRIDGE, M. D.,

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

The SUPERVISING SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

[Inclosure.]

*Report of infectious diseases in Japan from October 21 to November 17, 1898.*

Locality.	Cholera.		Dysentery.		Smallpox.		Plague.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Kioto Fu.....			107	35				
Osaka Fu.....			90	39				
Tokyo Fu.....	2		135	46	2			
Aichi Ken.....			92	25				
Akita Ken.....			55	13				
Awomori Ken.....			330	67	58	16		
Chiba Ken.....			315	100				
Fukui Ken.....			11	6				
Fukuoka Ken.....			87	10	1			
Fukuoka Ken.....			260	78				
Gifu Ken.....			129	39	1			
Gumma Ken.....			179	69				
Hiogo Ken.....			391	108				
Hiroshima Ken.....			328	106				
Ibaraki Ken.....			192	51				
Ishikawa Ken.....			54	32	1			
Iwate Ken.....			613	125				
Kagawa Ken.....			232	68				
Kagoohima Ken.....			171	36				
Kanagawa Ken.....			213	59				
Kochi Ken.....			58	16				
Kumamoto Ken.....			307	48				
Miyagi Ken.....			253	58	6			
Miyazaki Ken.....			102	14				
Miye Ken.....			82	18				
Nagano Ken.....			842	292				
Nagasaki Ken.....			127	32				
Nara Ken.....			10	9				
Niigata Ken.....			1,792	546				
Oita Ken.....			106	33				
Okayama Ken.....			72	27				
Okinawa Ken.....			3	1				
Saga Ken.....			23	8				
Saitama Ken.....			145	88				
Shidzuoka Ken.....			355	114				
Shiga Ken.....			54	19				
Shimane Ken.....			231	80				
Tochigi Ken.....			75	15				
Tokushima Ken.....			111	47				
Tottori Ken.....			67	22				
Toyama Ken.....			10	13				
Wakayama Ken.....			29	7				
Yamagata Ken.....								
Yamaguchi Ken.....			109	26				
Yamanashi Ken.....			658	181				
Yehime Ken.....			138	34				
The Hokkaido.....			3		2			
Taiwan (Formosa).....			(a)					
Total.....	2		9,746	2,856	71	16		

a No report.

*Vessels inspected at Yokohama during September and October, 1898.*

YOKOHAMA, JAPAN, November 18, 1898.

SIR: I have the honor to report that during the months of September and October, just past, I inspected the following-named vessels, all being free from infection with the exception of the steamship *Belgie* (sailed October 23), from which 1 case of smallpox was removed on her arrival from Kobe, the ship being disinfected at the Japanese quarantine station before her departure for America:

Date.	Name of ship.	Destination.
Sept. 5	British steamship <i>Macduff</i> .....	New York via ports.
Sept. 6	Japanese steamship <i>Tenkio Maru</i> .....	Portland, Oreg.
Sept. 7	British steamship <i>Indravelli</i> .....	New York via ports.
Sept. 10	British steamship <i>Columbia</i> .....	Tacoma via Victoria.
Sept. 13	British steamship <i>Gaelic</i> .....	San Francisco via Honolulu.
Sept. 14	American transport <i>Indiana</i> .....	San Francisco.
Sept. 20	British steamship <i>Mootan</i> .....	Portland, Oreg.
Sept. 21	British sailing vessel <i>Glendoon</i> .....	Do.
Do.....	Japanese steamship <i>Yamaguchi Maru</i> .....	Seattle.
Do.....	German sailing vessel <i>Nereus</i> .....	Portland, Oreg.
Do.....	Hawaiian steamship <i>Aztec</i> .....	San Francisco via Honolulu.
Sept. 23	British steamship <i>Mogul</i> .....	Portland via Honolulu.
Sept. 24	German sailing vessel <i>Siam</i> .....	Portland, Oreg.
Sept. 29	British steamship <i>Tacoma</i> .....	Tacoma via Victoria.
Oct. 1	British steamship <i>Doric</i> .....	San Francisco via Honolulu.
Oct. 6	British sailing vessel <i>Heathfield</i> .....	Tacoma.
Do.....	British steamship <i>Indralemma</i> .....	New York via ports.
Do.....	British steamship <i>Victoria</i> .....	Tacoma via Victoria.
Oct. 7	French sailing vessel <i>Marguerite Elise</i> .....	Portland, Oreg.
Oct. 13	British steamship <i>Ningchow</i> .....	Do.
Oct. 15	British steamship <i>Ghazee</i> .....	New York via ports.
Oct. 18	American sailing vessel <i>John McDonald</i> .....	New York via Kobe.
Oct. 19	Japanese steamship <i>Riojun Maru</i> .....	Seattle via Victoria.
Oct. 23	British steamship <i>Belgie</i> .....	San Francisco via Honolulu.
Oct. 25	British steamship <i>John Sanderson</i> .....	New York via ports.
Oct. 26	British steamship <i>Shantung</i> .....	San Francisco.

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

STUART ELDRIDGE,

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

The SUPERVISING SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

MEXICO.

*Sanitary report from Juarez—Smallpox.*

CONSULATE OF THE UNITED STATES,

*Ciudad Juarez, Mexico, December 9, 1898.*

SIR: I have the honor to state that since receiving the Department's circular instructions in regard to weekly sanitary reports, dated October 31, 1898, I have called frequently upon Dr. R. Samaniego, president of the board of health of this city, and have urged him to furnish me with a weekly statement of the sanitary condition of the community. I have found it impossible to secure any information whatever. There is no other official source to which I can apply and no mortuary or other statements published by the city.

Since August last smallpox has been prevalent here, but it is impossible to learn from official sources how many cases and how many deaths have occurred. Dr. Samaniego has the concession for the bull fighting and gambling operated in this city during this season, and



these sports and games are patronized largely by Americans who come over the river from El Paso, Tex. This is probably the reason why it is impossible to get any smallpox information from the board of health.

During the past two months there has been no water in the Rio Grande River, and Mexicans residing in El Paso and Juarez visited constantly one side and the other. In El Paso 30 cases of smallpox have been reported since August, and it is quite probable as many, or more, have existed in Ciudad Juarez. It is estimated that about 5,000 Mexicans of the peon class reside in El Paso, Tex., along the river front. The total population of Juarez is 8,000 persons. The Mexicans of the lower classes in Juarez are in better condition and live in better houses than those located in El Paso. In the latter place the huts of the Mexicans are huddled together, and the common laws of sanitation are unknown.

El Paso authorities have discussed the question of a quarantine against Ciudad Juarez, while the Juarez officials claim that the smallpox originates in El Paso. The boards of health of the two communities have agreed upon a thorough investigation of the prevailing conditions and upon the isolation and quarantine of premises where the disease might be found.

There is no system of sewerage in Juarez, the natives do not even use cesspools. Sanitation as applied in cities and towns of the United States is unknown here; but in spite of this the general health of the community is excellent. The altitude and the dry pure air are an offset to a lack of drainage and the absence of cesspools. A community in this climate can be healthy in spite of itself.

I have the honor to be, sir, your obedient servant,  
CHAS. W. KENDRICK,  
U. S. Consul.

HON. ASSISTANT SECRETARY OF STATE.

VENEZUELA.

*End of smallpox epidemic in Venezuela.*

CONSULATE OF THE UNITED STATES,  
Maracaibo, November 28, 1898.

SIR: I have the honor to notify the Department of State that I have received from the governor of the federal district of Caracas the official notice that the epidemic of smallpox in the Republic has been subdued, and that the ports of Venezuela are now open again and clean bills of health will be given.

I have the honor to be, sir, your most obedient servant,  
E. H. PLUMACHER,  
U. S. Consul.

HON. ASSISTANT SECRETARY OF STATE.

## FOREIGN STATISTICAL REPORTS.

**AFRICA**—*Lorenzo Marquez*.—Month of March, 1898. Estimated population, 5,000. Total number of deaths, 37. No contagious diseases reported.

**AUSTRALIA**—*New South Wales—Sydney*.—Month of October, 1898. Estimated population, 417,250. Total number of deaths, 573, including diphtheria, 2; enteric fever, 4; measles, 29; scarlet fever, 2; whooping cough, 28, and 38 from phthisis pulmonalis.

**BRAZIL**—*Bahia*.—Period from January to March, inclusive. Estimated population, 200,000. Total number of deaths, 441, including beriberi, 10; enteric fever, 6; smallpox, 48; yellow fever, 1, and 54 from phthisis pulmonalis.

*Ceara*.—Month of October, 1898. Estimated population, 50,000. Total number of deaths, 110. No contagious diseases reported.

**BRITISH COLUMBIA**—*Victoria*.—Month of November, 1898. Estimated population, 23,000. Total number of deaths, 15. No contagious diseases reported.

**CHILE**—*Antofagasta*.—Month of October, 1898. Estimated population, 14,000. Total number of deaths, 42, including 2 from phthisis pulmonalis.

**COLOMBIA**—*Cartagena*.—Month of November, 1898. Estimated population, 25,000. Total number of deaths, 43, including 1 from yellow fever.

**GREAT BRITAIN**—*England and Wales*.—The deaths registered in 33 great towns in England and Wales during the week ended December 3, correspond to an annual rate of 19.1 a thousand of the aggregate population, which is estimated at 11,218,378. The highest rate was recorded in Wolverhampton, viz, 27.8, and the lowest in Cardiff, viz, 15.3.

*London*.—One thousand five hundred and sixty-nine deaths were registered during the week, including measles, 25; scarlet fever, 9; diphtheria, 43; whooping cough, 28; enteric fever, 21, and diarrhea and dysentery, 17. The deaths from all causes correspond to an annual rate of 18.2 a thousand. In greater London 2,079 deaths were registered, corresponding to an annual rate of 16.9 a thousand of the population. In the "outer ring" the deaths included 17 from diphtheria, 11 from measles, 3 from scarlet fever, and 6 from whooping cough.

*Bradford*.—Year of 1897: Estimated population, 231,260. Total number of deaths, 4,023, including diphtheria, 10; enteric fever, 31; measles, 77; scarlet fever, 9; whooping cough, 42, and 372 from phthisis pulmonalis.

*Mortality in Bradford from principal zymotic diseases during the period from 1888 to 1897, inclusive.*

[From report on the health of Bradford, 1897.]

Year.	Causes of death.						
	Smallpox.	Typhus.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
1888.....	2	0	19	33	7	120	38
1889.....	1	1	48	63	12	113	178
1890.....	0	.....	31	46	8	208	50
1891.....	0	2	27	143	13	81	133
1892.....	4	0	18	45	10	62	90
1893.....	113	0	48	71	19	68	97
1894.....	27	0	31	72	13	111	63
1895.....	0	0	39	25	18	17	98
1896.....	1	0	28	24	12	105	105
1897.....	0	0	30	9	10	77	42
Total.....	148	3	319	531	122	962	894

**IRELAND.**—The average annual death rate represented by the deaths registered during the week ended December 3 in the 23 principal town districts of Ireland was 25.7 a thousand of the population, which is estimated at 1,007,798. The lowest rate was recorded in Kilkenny, viz, 0.0, and the highest in Londonderry, viz, 34.6 a thousand. In Dublin and suburbs 212 deaths were registered, including diphtheria, 1; enteric fever, 2; measles, 1; scarlet fever, 4, and whooping cough, 3.

**SCOTLAND.**—The deaths registered in 8 principal towns during the week ended December 3 correspond to an annual rate of 20.1 a thousand of the population, which is estimated at 1,568,536. The lowest mortality was recorded in Greenock, viz, 15.3, and the highest in Glasgow, viz, 22.0 a thousand. The aggregate number of deaths registered from all causes was 632, including diphtheria, 11; measles, 19; scarlet fever, 5, and whooping cough, 21.

**ITALY—Florence.**—Year ended December 31, 1897. Estimated population, 194,631. Total number of deaths, 4,684, including diphtheria, 30; enteric fever, 112; measles, 7; scarlet fever, 2; whooping cough, 24, and 546 from phthisis pulmonalis.

Month of January, 1898. Estimated population, 198,685. Total number of deaths, 438, including diphtheria, 3; enteric fever, 3; measles, 2; whooping cough, 1, and 51 from phthisis pulmonalis.

*Mortality in 1898.*[Translated in this Bureau from the *Bulletino de Statistica*, Florence, 1897 and 1898.]

Month.	Popula- tion.	Causes of death.								Total from all causes.
		Phthisis pul- monalis.	Smallpox.	Typhus.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.	
January .....	198,685	51	0	0	3	0	3	2	1	438
February .....		41	0	0	1	0	7	1	1	436
March .....		47	0	0	2	0	7	3	1	456
April .....		51	0	0	4	1	3	5	2	408
May .....		41	0	0	1	1	2	0	0	350
June .....		39	0	0	3	0	3	2	1	337
July .....		49	0	0	3	0	0	0	1	336
August .....		31	0	0	21	0	1	0	4	346
September .....		37	0	0	24	0	0	0	0	309
Total .....		337	0	0	67	2	26	13	11	3,416

*Genoa*.—Month of September, 1898. Estimated population, 218,209. Total number of deaths, 3,529, including enteric fever, 9; whooping cough, 6, and 4 from phthisis pulmonalis.

*Nicaragua—San Juan Del Norte*.—Month of November, 1898. Estimated population, 1,156. Total number of deaths, 8. No contagious diseases.

## MORTALITY TABLE, FOREIGN CITIES.

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.
Amapala .....	Nov. 12.....	1,500	0									
Do.....	Nov. 19.....	1,500	0									
Amherstburg.....	Dec. 10.....	2,000	0									
Amsterdam.....	Dec. 3.....	510,903	208					1			9	3
Antofagasta.....	Oct. 31.....	14,000	14									
Antwerp.....	Dec. 3.....	282,872	105			3		3	9	1		1
Bahia.....	Oct. 29.....	200,000			1	7						
Do.....	Nov. 5.....	200,000				5						
Do.....	Nov. 12.....	200,000				9						
Do.....	Nov. 19.....	200,000				6						
Belfast.....	Dec. 3.....	304,610	154					3	1	3	1	2
Belize.....	Dec. 8.....	13,000	10									
Belleville.....	Dec. 5.....	10,300	3									
Do.....	Dec. 12.....	10,300	2									
Berlin.....	Nov. 19.....	1,728,201	529					3	7	20	1	
Birmingham.....	Dec. 3.....	510,343	206					1		2	4	
Bluefields.....	do.....	3,018	0									
Bombay.....	Nov. 15.....	821,764	a 604	2							2	
Bradford.....	Dec. 3.....	231,260	84					4	1	1		3
Bristol.....	Nov. 19.....	316,900	97									3
Do.....	Dec. 3.....	316,900	110								1	1
Brussels.....	Nov. 26.....	531,024	192					2	1	3	3	2
Calcutta.....	Nov. 5.....	681,560	367									1
Callao.....	Nov. 13.....	25,000	21									
Cardiff.....	Dec. 3.....	177,770	52					1		3	1	3
Catania.....	Dec. 1.....	120,000	68					8				2
Christiania.....	Dec. 3.....	207,000	72								1	
Cognac.....	Nov. 26.....	20,400	5									
Do.....	Dec. 3.....	20,400	4									
Colon.....	Nov. 30.....	8,000	5									
Copenhagen.....	Nov. 26.....	351,000	112					2	2		5	1
Crefeld.....	do.....	110,000	38							2		
Do.....	Dec. 3.....	110,000	33									
Dundee.....	do.....	164,575	63						1		2	1
Edinburgh.....	do.....	295,628	122				2				9	2
Frankfort on the Main.....	Nov. 26.....	246,000	52						1			2
Do.....	Dec. 3.....	246,000	65									1
Funchal.....	Dec. 4.....	36,982	16									
Ghent.....	Dec. 3.....	161,125	83									
Gibraltar.....	Nov. 27.....	25,900	6									
Do.....	Dec. 4.....	25,900	9									
Girgenti.....	Nov. 26.....	24,428	13									
Glasgow.....	Dec. 2.....	724,349	306					6	2	7	6	15
Gothenburg.....	Nov. 26.....	120,552	37					4	1			
Hamburg.....	Dec. 3.....	661,015									1	10
Hamilton, Bermuda.....	Nov. 29.....	16,000	1									
Do.....	Dec. 6.....	16,000	0	(b)								
Hongkong.....	Oct. 22.....	248,710	88					1				
Do.....	Oct. 29.....	248,710	105									
Kingston, Canada.....	Dec. 9.....	18,800	4									
Do.....	Dec. 16.....	18,800	5									
Leeds.....	Dec. 3.....	416,618	139					2	2	15	1	2
Leghorn.....	Nov. 20.....	104,372	39					3				
Do.....	Nov. 27.....	104,372	44							2		
Do.....	Dec. 4.....	104,372	47					1				
Leith.....	Dec. 3.....	76,277	29					1				
Licata.....	Nov. 26.....	20,000	15					5				
Liege.....	do.....	168,241	51									
Liverpool.....	Dec. 3.....	668,645	266					1	8	2	11	8
Livingston, Guatemala.....	do.....	1,500	1									
London, England.....	do.....	6,408,321	2,079					33	12	60	36	34
Madras.....	Nov. 11.....	452,518	c 409	20							5	
Manchester.....	Dec. 3.....	541,296	219					6	2	3	9	5
Mannheim.....	Nov. 26.....	110,484	32					1				
Maracaibo.....	do.....	50,000	18									
Matamoros.....	Dec. 9.....	16,304	6									
Melbourne.....	Oct. 22.....	450,000						1		1		
Do.....	Oct. 29.....	450,000	5						1	1		
Monterey.....	Dec. 6.....	73,000	44		3							
Montevideo.....	Nov. 12.....	248,000	58								2	
Moscow.....	Nov. 13.....	1,000,000	458			9	1		7	19	7	4
Newcastle on Tyne.....	Dec. 3.....	223,000	104								5	

a Plague, 59.

b Plague.

c Plague, 2.

## 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.
Odesa.....	Nov. 26....	400,600	150	.....	.....	.....	.....	2	1	7	.....	.....
Ottawa.....	Dec. 3.....	60,060	19	.....	.....	.....	.....	.....	.....	1	.....	.....
Palermo.....	Nov. 26....	300,000	104	.....	.....	.....	1	.....	1	1	.....	.....
Paris.....	Nov. 12....	2,511,955	814	.....	.....	.....	.....	7	1	4	1	2
Do.....	Nov. 26....	2,511,955	860	.....	.....	1	.....	8	4	6	.....	7
Do.....	Dec. 3.....	2,511,955	845	.....	.....	.....	.....	6	.....	2	3	1
Pernambuco.....	Oct. 1.....	200,000	111	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Oct. 8.....	200,000	127	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Oct. 15....	200,000	130	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Oct. 22....	200,000	124	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Oct. 29....	200,000	107	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plymouth.....	Dec. 3.....	99,136	35	.....	.....	.....	.....	.....	.....	1	.....	.....
Prague.....	Nov. 26....	196,237	121	.....	.....	.....	.....	.....	2	6	5	.....
Puerto Cortez.....	Dec. 7.....	2,000	0	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rheims.....	Nov. 19....	108,943	40	.....	.....	.....	.....	.....	.....	.....	.....	1
Do.....	Nov. 26....	108,943	38	.....	.....	.....	.....	.....	.....	.....	1	.....
Do.....	Dec. 3.....	108,943	38	.....	.....	.....	.....	.....	.....	.....	1	.....
Rome.....	Oct. 29....	499,540	164	.....	.....	.....	.....	10	.....	1	1	.....
Do.....	Nov. 5.....	499,540	167	.....	.....	.....	.....	4	.....	1	.....	.....
Rotterdam.....	Dec. 3.....	306,439	125	.....	.....	.....	.....	2	.....	3	.....	.....
St. Georges.....	Nov. 26....	2,150	0	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Dec. 3.....	2,150	0	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Johns.....	Nov. 26....	15,000	24	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Dec. 3.....	15,000	15	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Petersburg.....	Nov. 26....	1,267,023	516	.....	.....	.....	.....	20	12	28	4	7
St. Stephen.....	Dec. 10....	3,000	0	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sheffield.....	Dec. 3.....	360,720	124	.....	.....	.....	.....	11	2	4	1	1
Southampton.....	.....do.....	100,806	46	.....	.....	.....	.....	.....	.....	3	1	.....
South Shields.....	.....do.....	223,000	104	.....	.....	.....	.....	.....	.....	.....	5	.....
Stettin.....	Nov. 26....	150,000	41	.....	.....	.....	.....	.....	.....	1	.....	.....
Stockholm.....	.....do.....	283,550	93	.....	.....	.....	.....	.....	.....	1	7	3
Sunderland.....	Dec. 3.....	143,849	44	.....	.....	.....	.....	.....	1	.....	1	.....
Trapani.....	Nov. 26....	45,085	13	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tuxpan.....	Nov. 12....	10,280	12	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Nov. 19....	10,280	17	.....	.....	.....	.....	.....	.....	.....	.....	.....
Venice.....	Nov. 26....	169,001	70	.....	.....	.....	.....	5	.....	3	1	.....
Vera Cruz.....	Dec. 8.....	30,000	51	.....	9	.....	.....	.....	.....	.....	.....	.....
Warsaw.....	Nov. 19....	601,408	286	.....	.....	11	3	3	33	2	9	.....
Do.....	Nov. 26....	601,408	.....	.....	.....	3	2	.....	26	6	11	4
Windsor.....	Dec. 10....	3,000	0	.....	.....	.....	.....	.....	.....	.....	.....	.....
Winnipeg.....	.....do.....	45,000	.....	.....	.....	.....	.....	1	.....	.....	.....	.....

By authority of the Secretary of the Treasury :

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