

# Public Health Reports

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

VOL. XII. WASHINGTON, D. C., DECEMBER 31, 1897. No. 53.

## UNITED STATES.

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

*Yellow fever in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service to December 25, 1897. (a)*

States.	Cities.	Date.	Cases.	Deaths.
Alabama.....	Alco.....	Oct. 8.....	1	0
	Bayminette.....	Oct. 14.....	1	1
	Flomaton.....	To Dec. 13.....	98	5
	Greensboro.....	Nov. 2.....	1	1
	Mobile.....	Sept. 13-Sept. 30...	74	11
		Oct. 1-Oct. 31...	b 187	25
		Nov. 1-Nov. 27...	102	12
	Montgomery.....	Oct. 18-Oct. 27...	104	8
		Nov. 1-Nov. 10...	16	3
	Notasulga.....	Oct. 25.....	1	0
	Sandy Ridge.....	.....do.....	1	0
	Selma.....	Oct. 23-Oct. 31...	11	1
		Nov. 3-Nov. 10...	1	1
	Wagar.....	To Nov. 3.....	45	3
	Whistler.....	Oct. 29-Nov. 12...	122	7
Florida.....	Fort Barrancas.....	Nov. 18-Nov. 22...	4	1
	Pensacola.....	Nov. 15.....	1	1
Georgia.....	Atlanta.....	Oct. 8-Oct. 27...	c 3	0
Illinois.....	Cairo.....	Sept. 19-Sept. 20...	4	0
Kentucky.....	Louisville.....	Sept. 23.....	1	1
Louisiana.....	Baton Rouge.....	Oct. 18-Oct. 31...	4	2
		Nov. 11.....	1	0
	Franklin.....	Oct. 14-Oct. 21...	3	1
	New Orleans.....	Sept. 8-Sept. 30...	226	27
		Oct. 1-Oct. 31...	1,285	149
		Nov. 1-Dec. 4...	386	109
		Dec. 5-Dec. 25...	10	5
	Patterson.....	Oct. 21.....	1	0
	Barkley.....	Sept. 13-Sept. 18...	10	4
	Bay St. Louis.....	Oct. 17-Oct. 28...	40	4
Mississippi.....	Biloxi.....	Sept. 1-Sept. 30...	132	7
		Oct. 1-Oct. 31...	418	17
		Nov. 1-Nov. 24...	42	3
	Cayuga.....	Oct. 16-Oct. 28...	24	1
		Nov. 5.....	1	0

a For daily reports of cases and deaths, see previous PUBLIC HEALTH REPORTS.

b Two in vicinity.

c Refugees.

*Yellow fever in the United States, etc.—Continued.*

States.	Cities.	Date.	Cases.	Deaths.
Mississippi.....	Clinton.....	Oct. 7-Oct. 31...	37	2
		Nov. 12-Nov. 15...	5	0
	County Farm.....	Oct. 25.....	1	0
		Nov. 5.....	1	0
	Durant.....	Nov. 1.....	1	1
	Edwards.....	Sept. 15-Sept. 30...	212	6
		Oct. 1-Oct. 31...	229	22
		Nov. 1-Nov. 17...	14	1
	Hendersons Point.....	Oct. 7.....	3	0
	Hinds County Convict Camp, near Raymond.	Oct. 23-Oct. 27...	6	0
	McHenry.....	Sept. 30-Oct. 31...	29	1
		Nov. 2.....	1	0
	Nitta Yuma.....	Oct. 3-Oct. 31...	21	1
		Nov. 1-Nov. 10...	6	0
	Ocean Springs.....	Sept. 8-Sept. 30...	23	6
	Pascagoula.....	Oct. 14-Oct. 31...	27	1
		Nov. 1-Nov. 10...	8	1
	Perkinston.....	Sept. 10.....	1	0
	Scranton.....	Sept. 10-Sept. 30...	39	3
		Oct. 1-Oct. 31...	281	10
		Nov. 1-Nov. 18...	43	5
Tennessee.....	Waveland.....	To Oct. 20.....	4	0
	West Pascagoula.....	Nov. 2-Nov. 3...	8	0
	Memphis.....	Oct. 22-Oct. 31...	40	5
Texas.....		Nov. 1-Nov. 10...	12	9
	Beaumont.....	Sept. 22.....	1	0
	Galveston.....	Oct. 12.....	12	0
		Oct. 27.....	(a)	.....
	Houston.....	Oct. 11.....	3	0

a Yellow fever reported; cases not given.

*Request for aid in smallpox epidemic at Birmingham, Ala.*

BIRMINGHAM, *December 22, 1897.*

SIR: Acting upon your communication of last September, we now invite the Marine-Hospital Service to assume full control of the epidemic of variola existing at Birmingham, Ala., and vicinity.

F. V. EVANS,

*Mayor of Birmingham.*

WM. S. MORROW,

*For Court of County Commissioners.*

E. H. SHOLL, M. D.,

*Chairman of Comm'rs of Health, Jefferson County.*

The SUPERVISING SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

[To which the following reply was made.]

WASHINGTON, *December 23, 1897.*

SIR: Telegram of December 22, received. It is customary and necessary to have request of Governor or of State health officer before assuming charge as suggested. Will then act.

WYMAN,

*Supervising Surgeon-General U. S. M. H. S.*

To F. V. EVANS,

*Mayor and others, Birmingham, Ala.*

*Smallpox in Alabama.*

MOBILE, ALA., December 22, 1897.

SIR: I have the honor to state that modified smallpox has existed at McGrews Shoals, on the Tombigbee River, where colored hands were working on Government dredging since September. The origin is claimed to have been from Pine Hill, in Wilcox County, Ala. At Salitpa, Clarke County, near there, there have been about 25 cases. Dr. Fleming, the Government physician, has just recovered from an attack. At Walker Springs, Clarke County, there have been 5 cases; at Glendon, 1 case. Near Carneys Bluff, 4 cases. All, except some of the cases at Salitpa, were colored persons.

As the 200 hands employed on the Government work have been discharged, it is probable that cases will occur in Clarke, Washington, Wilcox, Choctaw, Marengo, Monroe, and Mobile counties. The health officer of Clarke County and other physicians are actively vaccinating the colored population and isolating patients when found, but it will not be surprising if cases occur in this city and that the disease will assume more dangerous features as the weather becomes colder.

Very respectfully,

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

*Smallpox at Holyoke, Mass.*

HOLYOKE, MASS., December 23, 1897.

DEAR SIR: In reference to your letter marked G. T. V., would say that 2 cases of smallpox are now being treated in this city; 1, a girl of 12 years of age, and a boy of 7 years of age, residing at 143 Main street, this city. We are unable to trace the origin of these cases. Any other information needed will be attended to at once.

Respectfully,

J. A. MURRAY,  
Clerk, Board of Health.

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

*Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 29, 1896, to December 31, 1897.*

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Alabama:</b>				
Bessemer.....	Sept. 26-Oct. 2....	1	.....	5 cases varioloid.
Birmingham and adjacent country.....	May 8-Aug. 12....	96	1	
	Aug. 21-Oct. 16....	68	.....	
	Nov. 1-Nov. 27....	32	1	
	Nov. 28-Dec. 4....	13	.....	
	Dec. 5-Dec. 25....	58	2	
Brockton.....	Aug. 29.....	1	.....	Smallpox reported to exist since September, 1897.
Carney's Bluff.....	Dec. 22.....	4	.....	
Glendon.....	do.....	1	.....	
McGrew's Shoals.....	do.....	.....	.....	
Mobile.....	Dec. 28-Jan. 26....	2	.....	
	Mar. 28.....	1	.....	
	Apr. 17.....	1	.....	
	May 21.....	1	.....	
	May 31.....	1	.....	
Montgomery.....	Aug. 7-Aug. 13....	28	.....	
Salitpa.....	Dec. 22.....	25	.....	
Union Springs.....	Mar. 21.....	.....	1	
Walker Springs.....	Dec. 22.....	5	.....	
<b>Connecticut:</b>				
New Haven.....	Feb. 17.....	1	.....	

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

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Florida :</b>				
Pensacola .....	Jan. 19-Feb. 20....	13	.....	
	Feb. 28-Mar. 10....	14	.....	12 varioloid.
	Mar. 27-Apr. 8....	3	.....	Varioloid.
	Apr. 10-May 1....	10	.....	Do.
	May 2-May 22....	7	.....	Do.
	May 29-June 5....	2	.....	Do.
	July 4-July 10....	.....	.....	1 case varioloid.
Escambia County (not including Pensacola).....	Dec. 2-Jan. 19....	18	.....	
<b>Georgia :</b>				
Atlanta and adjacent country.....	Oct. 12-Nov. 30....	102	1	
Griffin.....	Oct. 20-Dec. 2....	19	1	
<b>Illinois :</b>				
Chicago.....	Mar. 25.....	.....	.....	Smallpox reported brought from Mexico.
	Mar. 27-Apr. 3....	.....	1	
	Apr. 10-Apr. 17....	2	.....	
	May 8-May 15....	.....	1	
<b>Indiana :</b>				
Greenwood.....	Feb. 12.....	1	.....	
<b>Louisiana :</b>				
New Orleans.....	Sept. 8.....	1	.....	Varioloid.
	Oct. 23.....	1	.....	
<b>Massachusetts :</b>				
Boston.....	May 1-May 8....	4	.....	
	May 22-May 29....	1	.....	
Cambridge.....	June 6-June 26....	3	.....	Varioloid. 1 smallpox.
Gloucester.....	June 19-June 26....	1	2	
Holyoke.....	Dec. 23.....	2	.....	
New Bedford.....	Apr. 10-Apr. 17....	1	.....	
<b>Michigan :</b>				
Bay City.....	Oct. 27-Nov. 20....	3	.....	
Blissfield Township.....	Mar. 27-Apr. 10....	.....	.....	Smallpox reported.
	Apr. 17-May 1....	.....	.....	Do.
<b>Missouri :</b>				
St. Louis.....	April 29.....	2	.....	
	May 1-May 22....	2	3	
<b>New Mexico :</b>				
Albuquerque.....	Sept. 19.....	1	.....	
<b>New York :</b>				
Brooklyn.....	Apr. 24-June 26....	5	2	
	June 27-July 24....	2	1	
New York.....	Mar. 1-Mar. 31....	.....	2	Do.
	Apr. 17-May 15....	.....	10	
	June 13-June 19....	.....	3	
	July 4-July 24....	.....	3	
<b>Ohio :</b>				
Toledo.....	Apr. 1-May 31....	14	2	
	June 1-June 30....	4	1	
<b>Pennsylvania :</b>				
Drifton.....	Apr. 6.....	1	.....	
McKeesport.....	Oct. 16-Oct. 23....	1	.....	
<b>Tennessee :</b>				
Memphis.....	Apr. 1-June 26....	21	.....	
	July 4-July 17....	3	.....	
	Aug. 15-Aug. 21....	1	.....	
	Oct. 14-Oct. 23....	8	.....	
<b>Washington :</b>				
Tacoma.....	Feb. 6.....	1	.....	
Olympia.....	Mar. 1.....	1	.....	

*Report of immigration at Boston for the week ended December 25, 1897.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Boston, December 25, 1897.**Number of alien immigrants who arrived at this port during the week ended December 25, 1897;  
also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
Dec. 19	Steamship Boston.....	Yarmouth, Nova Scotia.....	16
Dec. 22	Steamship Roman.....	Liverpool, England.....	13
Do.....	Steamship Sagamore.....	.....do.....	10
Do.....	Steamship Cephalonia.....	Liverpool and Queenstown, Ireland.....	89
Do.....	Steamship Prince Edward.....	Yarmouth, Nova Scotia.....	120
Dec. 23	Steamship Armenian.....	Liverpool, England.....	9
Do.....	Steamship Boston.....	Yarmouth, Nova Scotia.....	39
Do.....	Steamship Halifax.....	Halifax, Nova Scotia.....	23
Do.....	Steamship Hibernian.....	Glasgow, Scotland.....	14
Do.....	Schooner L. Maud.....	Sydney, Cape Breton.....	2
Dec. 25	Steamship Prince Edward.....	Yarmouth, Nova Scotia.....	60
	Total.....		395

GEO. B. BILLINGS,  
*Commissioner.**Report of immigration at New York for the week ended December 25, 1897.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of New York, December 27, 1897.**Number of alien immigrants who arrived at this port during the week ended December 25, 1897;  
also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
Dec. 19	Steamship Lucania.....	Liverpool and Queenstown.....	171
Do.....	Steamship Paris.....	Southampton.....	51
Do.....	Steamship Island.....	Copenhagen.....	81
Dec. 20	Steamship Grecian.....	Glasgow.....	2
Do.....	Steamship La Normandie.....	Havre.....	142
Dec. 21	Steamship Edam.....	Amsterdam.....	275
Dec. 22	Steamship Normannia.....	Genoa, Naples, etc.....	209
Dec. 23	Steamship Amsterdam.....	Rotterdam.....	115
Do.....	Steamship Majestic.....	Liverpool and Queenstown.....	95
Do.....	Steamship Rotterdam.....	Rotterdam.....	207
Do.....	Steamship Kaiser Wilh-der Grosse.....	Bremen.....	347
Do.....	Steamship Kensington.....	Antwerp.....	119
Do.....	Steamship Andalusia.....	Hamburg.....	51
Dec. 24	Steamship Palatia.....	.....do.....	75
	Total.....		1,940

THOMAS FITCHIE,  
*Commissioner.*

*Report of immigration at Philadelphia for the week ended December 25, 1897.***OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,**  
*Port of Philadelphia, December 25, 1897.**Number of alien immigrants who arrived at this port during the two weeks ended December 25, 1897; also names of vessels and ports from which they arrived.*

<b>Date.</b>	<b>Vessel.</b>	<b>Where from.</b>	<b>No. of immigrants.</b>
Dec. 20	Steamship Barnstable.....	Jamaica.....	1
Dec. 21	Steamship Schleswig.....	Port de Paix.....	1
Dec. 22	Steamship Belgenland.....	Liverpool and Queenstown.....	52
Dec. 24	Steamship Monte Rosa.....	St. Jago.....	2
	<b>Total .....</b>		<b>56</b>

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

## QUARANTINE REPORTS.

## National quarantine and inspection stations.

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

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Alexandria, Va.....	Dec. 25	Nor. bk. Harding.....	Dec. 22	Pernambuco.....	Brunswick.....	Held for discharge of ballast.		No transactions.....	7
Brunswick, Ga.....	do.								1
Cape Fear, N. C.....	do.								1
Delaware Breakwater Quarantine, Del.	Dec. 8								1
Eureka, Cal.....	Dec. 15							No transactions.....	1
Grays Harbor, Wash.....	Dec. 22							do.....	4
Gulf Quarantine, Ship Island, Miss.	Dec. 18								
Newbern, N. C.....	Dec. 25							No transactions.....	3
Port Townsend, Wash.....	Dec. 18								
Reedy Island Quarantine, Del.	Dec. 25								13
San Diego, Cal.....	Dec. 18								2
San Francisco Quarantine, Cal.	Dec. 11							1 spoken and passed; 12 Japanese and 90 Chinese steerage passengers from Brit. S. S. Doric disinfectd.	20
South Atlantic Quarantine, Blackbeard Island, Ga.	Dec. 18								3
Tortugas Quarantine, Key West, Fla.	Dec. 11	Rus. bkn. Betania a.....	Dec. 1	Para.....	Apalachicola.....	Disinfectd.....	Dec. 5		
Washington, N. C.....	Dec. 18	Am. sc. Rollin Sandford, a	Dec. 3	Habana.....	do.....	do.....	Dec. 8		
	Dec. 25							No transactions.....	
								do.....	

a Previously reported.

## QUARANTINE REPORTS—Continued.

## State and municipal quarantine stations.

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

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Andote, Fla.....	.....	.....	.....	.....	.....	.....	.....	No report.....	.....
Apalachicola, Fla.....	.....	.....	.....	.....	.....	.....	.....	do.....	.....
Bangor, Me.....	.....	.....	.....	.....	.....	.....	.....	do.....	.....
Boston, Mass.....	Dec. 25	.....	.....	.....	.....	.....	.....	.....	9
Carrabelle, Fla.....	Dec. 26	.....	.....	.....	.....	.....	.....	.....	4
Cedar Keys, Fla.....	.....	.....	.....	.....	.....	.....	.....	No report.....	.....
Charleston, S. C.....	Dec. 25	.....	.....	.....	.....	.....	.....	No report.....	2
Charlotte Harbor, Fla.....	.....	.....	.....	.....	.....	.....	.....	No report.....	4
Elizabeth River, Va.....	Dec. 25	.....	.....	.....	.....	.....	.....	No report.....	.....
Galveston, Tex.....	.....	.....	.....	.....	.....	.....	.....	do.....	.....
Gardiner, Oreg.....	.....	.....	.....	.....	.....	.....	.....	do.....	.....
Georgetown, S. C.....	.....	.....	.....	.....	.....	.....	.....	do.....	.....
Gloucester, Mass.....	.....	.....	.....	.....	.....	.....	.....	do.....	11
Key West, Monroe Co., Fla.....	Dec. 25	.....	.....	.....	.....	.....	.....	No report.....	.....
Mayport, Fla.....	.....	.....	.....	.....	.....	.....	.....	do.....	.....
Mobile Bay, Ala.....	.....	.....	.....	.....	.....	.....	.....	do.....	.....
New Bedford, Mass.....	.....	.....	.....	.....	.....	.....	.....	do.....	.....
New Orleans, La.....	.....	.....	.....	.....	.....	.....	.....	do.....	.....
Newport News, Va.....	Dec. 25	.....	.....	.....	.....	.....	.....	No report.....	1
Port Royal, S. C.....	.....	.....	.....	.....	.....	.....	.....	No transactions.....	.....
Providence, R. I.....	Dec. 25	.....	.....	.....	.....	.....	.....	No report.....	.....
St. Helena Entrance, Fla.....	.....	.....	.....	.....	.....	.....	.....	No report.....	5
Savannah, Ga.....	Dec. 25	Br. bk. Conductor.....	Dec. 19	Rto.....	Savannah.....	Ballast discharged and vessel fumigated. Vessel disinfected.....	Dec. 22	No report.....	.....
Tampa Bay, Fla.....	.....	Am. sc. Chas. M. Paterson.....	Dec. 22	Matanzas.....	do.....	.....	Dec. 23	No report.....	.....



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

ILLINOIS—*Chicago*.—Month of November, 1897. Estimated population, 1,750,000. Total deaths, 1,613, including phthisis pulmonalis, 170; enteric fever, 44; scarlet fever, 7; diphtheria, 75, and whooping cough, 6.

IOWA—*Cedar Rapids*.—Month of November, 1897. Estimated population, 21,000. Total deaths, 13, including phthisis pulmonalis, 1.

*Des Moines*.—Month of November, 1897. Estimated population, 82,000. Total deaths, 37, including enteric fever, 6, and phthisis pulmonalis, 1.

*Dubuque*.—Month of October, 1897. Estimated population, 45,000. Total deaths, 33, including croup, 2; enteric fever, 5, and phthisis pulmonalis, 4.

MICHIGAN.—Month of November, 1897. Reports to the State board of health, Lansing, from 158 cities and towns, having an aggregate population of 2,075,410, show a total of 1,985 deaths, including phthisis pulmonalis, 197; enteric fever, 65; scarlet fever, 6; diphtheria, 57; croup, 19; measles, 7, and whooping cough, 8.

MISSOURI—*St. Louis*.—Month of November, 1897. Estimated population, 600,000. Total deaths from all causes, 718, including diphtheria and croup, 47; enteric fever, 15, and phthisis pulmonalis, 71.

NEW JERSEY—*Paterson*.—Month of November, 1897. Estimated population, 108,672. Total deaths from all causes, 123, including diphtheria, 12; enteric fever, 3, and phthisis pulmonalis, 17.

VIRGINIA—*Norfolk*.—Month of November, 1897. Estimated population, white, 25,710; colored, 19,290; total, 45,000. Total deaths, 66; white, 27; colored, 39, including diphtheria, 2; enteric fever, 2; phthisis pulmonalis, 7, and whooping cough, 1.

## MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—										
				Phthisis pul- monalis.	Yellow fever.	Smallpox.	Varicoid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Allegheny, Pa.....	Dec. 25....	105,287	32	.....	.....	.....	.....	.....	.....	4	.....	1	.....	.....
Baltimore, Md.....	do.....	434,439	174	15	.....	.....	.....	.....	.....	6	1	10	.....	2
Bennington, Vt.....	do.....	6,391	3	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Binghamton, N. Y.....	do.....	35,005	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Boston, Mass.....	do.....	448,477	175	17	.....	.....	.....	.....	.....	3	2	9	.....	.....
Braddock, Pa.....	Dec. 11....	8,561	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Dec. 18....	8,561	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bristol, R. I.....	Dec. 19....	5,478	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brocton, Mass.....	Dec. 18....	27,294	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brooklyn, N. Y.....	Dec. 25....	806,343	318	44	.....	.....	.....	.....	.....	1	4	21	2	.....
Butler, Pa.....	do.....	8,734	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cambridge, Mass.....	do.....	70,028	20	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Charleston, S. C.....	Dec. 18....	654,955	633	6	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Chicago, Ill.....	do.....	1,099,850	373	41	.....	.....	.....	.....	.....	9	1	17	.....	3
Cincinnati, Ohio.....	Dec. 24....	296,908	102	16	.....	.....	.....	.....	.....	3	.....	1	.....	1
Cleveland, Ohio.....	Dec. 25....	261,353	91	6	.....	.....	.....	.....	.....	4	.....	2	.....	.....
Columbus, Ind.....	do.....	6,719	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Columbus, Ohio.....	do.....	88,150	22	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dayton, Ohio.....	Dec. 24....	61,220	24	3	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Denver, Col.....	Oct. 16....	106,713	41	11	.....	.....	.....	.....	.....	5	1	1	.....	.....
Do.....	Nov. 27....	106,713	36	10	.....	.....	.....	.....	.....	1	.....	2	.....	.....
Do.....	Dec. 4....	106,713	26	6	.....	.....	.....	.....	.....	.....	.....	3	.....	.....
Do.....	Dec. 11....	106,713	45	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Dec. 18....	106,713	34	10	.....	.....	.....	.....	.....	1	1	.....	.....	.....
Detroit, Mich.....	Dec. 25....	205,876	64	5	.....	.....	.....	.....	.....	2	.....	2	.....	.....
Dunkirk, N. Y.....	Dec. 18....	9,416	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Elizabeth City, N. J.....	Dec. 25....	37,764	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Fitchburg, Mass.....	Dec. 18....	22,037	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Flint, Mich.....	Dec. 20....	9,803	4	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gloucester, Mass.....	Dec. 18....	24,651	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Grand Rapids, Mich.....	Dec. 25....	60,278	16	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Green Bay, Wis.....	Dec. 18....	9,069	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ironton, Ohio.....	Dec. 25....	10,939	5	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jacksonville, Fla.....	Dec. 18....	17,201	13	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Kalamazoo, Mich.....	Dec. 25....	17,853	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lawrence, Mass.....	Dec. 18....	44,654	17	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lowell, Mass.....	Dec. 25....	77,696	41	3	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
McKeesport, Pa.....	Dec. 18....	20,741	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Michigan City, Ind.....	Dec. 19....	10,776	4	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Dec. 24....	10,776	3	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Middletown, N. Y.....	Dec. 23....	11,977	6	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milwaukee, Wis.....	Dec. 18....	204,468	57	4	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
Do.....	Dec. 25....	204,468	69	4	.....	.....	.....	.....	.....	1	.....	3	.....	2
Minneapolis, Minn.....	Dec. 18....	164,738	43	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nashville, Tenn.....	Dec. 25....	76,168	.....	3	.....	.....	.....	.....	.....	1	.....	1	1	.....
Newburyport, Mass.....	Dec. 18....	13,947	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Orleans, La.....	do.....	242,039	136	26	1	.....	.....	.....	.....	4	.....	1	.....	.....
Newport, R. I.....	Dec. 25....	19,457	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York, N. Y.....	do.....	1,515,301	650	81	.....	.....	.....	.....	.....	7	8	26	9	4
Omaha, Nebr.....	Dec. 18....	140,452	17	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Oneonta, N. Y.....	Dec. 25....	6,272	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Petersburg, Va.....	Dec. 19....	22,680	10	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pittsburg, Pa.....	Dec. 18....	238,617	91	4	.....	.....	.....	.....	.....	.....	.....	2	5	4
Pittsfield, Mass.....	Dec. 25....	17,281	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Portland, Me.....	do.....	36,425	18	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Poughkeepsie, N. Y.....	Dec. 18....	22,206	11	3	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
Providence, R. I.....	do.....	132,146	45	5	.....	.....	.....	.....	.....	2	.....	1	.....	.....
Pueblo, Colo.....	do.....	24,558	6	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Reading, Pa.....	Dec. 27....	58,661	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Louis, Mo.....	Dec. 12....	451,770	184	26	.....	.....	.....	.....	.....	.....	.....	.....	14	.....
Do.....	Dec. 19....	451,770	184	20	.....	.....	.....	.....	.....	3	1	13	.....	.....
Salt Lake City, Utah.....	Dec. 18....	44,843	7	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Santa Barbara, Cal.....	do.....	5,864	17	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Scranton, Pa.....	Dec. 24....	75,215	27	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....
Springfield, Ill.....	Dec. 20....	44,179	40	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Dec. 27....	44,179	7	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taunton, Mass.....	Dec. 25....	25,448	10	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Waltham, Mass.....	do.....	18,707	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Warren, Ohio.....	Dec. 18....	5,973	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Dec. 25....	5,973	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

a Estimated population, 65,165; white, 28,870; colored, 36,295. b White, 13; colored, 20.

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.
Washington, D. C.	Dec. 18.....	230,392	107	17	.....	.....	.....	.....	.....	6	.....	4	.....	1
West Newton, Mass.	Dec. 25.....	24,379	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Winona, Minn.	Dec. 18.....	18,208	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Worcester, Mass.	Dec. 10.....	84,655	30	2	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
Do.....	Dec. 17.....	84,655	38	4	.....	.....	.....	.....	.....	1	.....	5	.....	.....
Yonkers, N. Y.	Dec. 24.....	32,033	13	3	.....	.....	.....	.....	.....	.....	.....	1	.....	.....

## Table of temperature and rainfall, week ended December 20, 1897.

[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.....	24	6		.91		.31
Portland, Me.....	26	7		.77	.90	
Northfield, Vt.....	22	5		.68	1.32	
Boston, Mass.....	30	8		.71	1.51	
Vineyard Haven, Mass.....	38	3		.71	.86	
Nantucket, Mass.....	37	3		.98	.13	
Woods Hole, Mass.....	34	5		.71	.50	
Block Island, R. I.....	35	4		.77	1.42	
New Haven, Conn.....	31	8		.70	2.52	
Albany, N. Y.....	27	7		.63	1.37	
New York, N. Y.....	34	5		.70	1.45	
Harrisburg, Pa.....	35	4		.70	.15	
Philadelphia, Pa.....	35	7		.60	1.69	
New Brunswick, N. J.....	33	7		.83	1.77	
Atlantic City, N. J.....	35	6		.89	.64	
Baltimore, Md.....	37	4		.70	.60	
Washington, D. C.....	36	4		.70	.46	
Lynchburg, Va.....	39	5		.70	.12	
Cape Henry, Va.....	44	4		.88	.40	
Norfolk, Va.....	42	7		.84	.64	
Charlotte, N. C.....	42	3		.94		.33
Raleigh, N. C.....	44	3		.63		.05
Kittyhawk, N. C.....	46	6		.93	.57	
Hatteras, N. C.....	48			1.26		
Wilmington, N. C.....	48	2		.68	.96	
Columbia, S. C.....	48	1		.63		.09
Charleston, S. C.....	52	4		.70		.29
Augusta, Ga.....	48	4		.77		.54
Savannah, Ga.....	52	2		.76		.27
Jacksonville, Fla.....	56	4		.63	1.02	
Jupiter, Fla.....	66	3		.53		.22
Key West Fla.....	70	3		.35	1.07	
<b>Gulf States:</b>						
Atlanta, Ga.....	44	3		.98		.16
Tampa, Fla.....	.63	0		.56	1.12	
Pensacola, Fla.....	54	5		.90	.17	
Mobile, Ala.....	52	6		.99		.94
Montgomery, Ala.....	49	3		1.05	.24	
Vicksburg, Miss.....	51		2	1.12	1.77	
New Orleans, La.....	55	6		.98		.98
Shreveport, La.....	50		3	1.05	1.11	
Fort Smith, Ark.....	42		7	.70	3.20	
Little Rock, Ark.....	45		9	.95	1.55	
Faustine, Tex.....	51		10	.84	2.37	
Galveston, Tex.....	57		2	.91		.75
San Antonio, Tex.....	55		9	.42	.12	
Corpus Christi, Tex.....	59		6	.22	.01	
<b>Ohio Valley and Tennessee:</b>						
Memphis, Tenn.....	43		5	.87	.99	
Nashville, Tenn.....	41	0		.82	1.21	
Chattanooga, Tenn.....	42	0		.98	.68	
Knoxville, Tenn.....	39	3		.91	.56	
Louisville, Ky.....	38		1	.89	.29	
Indianapolis, Ind.....	32		4	.70	.78	
Cincinnati, Ohio.....	36	0		.70	.17	
Columbus, Ohio.....	33	0		.63	.41	
Parkersburg, W. Va.....	39		1	.74		.39
Pittsburg, Pa.....	34	3		.63	.42	
<b>Lake Region:</b>						
Oswego, N. Y.....	28	3		.77	.96	
Rochester, N. Y.....	27	3		.64	.91	
Buffalo, N. Y.....	29	1		.77	1.42	
Erie, Pa.....	32	2		.70	.99	
Cleveland, Ohio.....	30	1		.58	.07	
Sandusky, Ohio.....	32		2	.56	.20	
Toledo, Ohio.....	30		2	.56	.00	
Detroit, Mich.....	28		2	.56	.31	
Lansing, Mich.....	28		4	.42	.20	
Port Huron, Mich.....	26	2		.51	.09	
Alpena, Mich.....	24	2		.56	.14	
Sault Ste. Marie, Mich.....	24		1	.49		.11
Marquette, Mich.....	22		3	.56		.43
Green Bay, Wis.....	26		12	.58		.20

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

Table of temperature and rainfall, week ended December 20, 1897—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	a Excess.	a Defic'y.	Normal.	Excess.	Deficiency.
<b>Lake Region—Continued.</b>						
Grand Haven, Mich.....	28	.....	2	.58	.22	.....
Milwaukee, Wis.....	24	.....	6	.42	.43	.....
Chicago, Ill.....	29	.....	8	.54	.34	.....
Duluth, Minn.....	17	.....	6	.28	.....	.08
<b>Upper Mississippi Valley:</b>						
St. Paul, Minn.....	18	.....	10	.29	.....	.21
La Crosse, Wis.....	23	.....	10	.35	.....	.08
Dubuque, Iowa.....	25	.....	9	.42	.20	.....
Davenport, Iowa.....	27	.....	8	.40	.05	.....
Des Moines, Iowa.....	27	.....	15	.35	.03	.....
Keokuk, Iowa.....	29	.....	10	.42	.08	.....
Springfield, Ill.....	33	.....	9	.63	.63	.....
Cairo, Ill.....	39	.....	6	.70	1.66	.....
St. Louis, Mo.....	35	.....	7	.63	1.24	.....
<b>Missouri Valley:</b>						
Columbia, Mo.....	39	.....	16	.42	.54	.....
Springfield, Mo.....	41	.....	15	.63	.71	.....
Kansas City, Mo.....	32	.....	13	.35	.02	.....
Wichita, Kans.....	40	.....	17	.21	.....	.15
Concordia, Kans.....	35	.....	19	.07	.23	.....
Lincoln, Nebr.....	31	.....	20	.14	.63	.....
Omaha, Nebr.....	27	.....	15	.21	.56	.....
Sioux City, Iowa.....	30	.....	16	.28	.02	.....
Yankton, S. Dak.....	24	.....	13	.19	.07	.....
Valentine, Nebr.....	31	.....	22	.07	.11	.....
Huron, S. Dak.....	22	.....	18	.14	.06	.....
Pierre, S. Dak.....	30	.....	19	.09	.....	.08
Moorhead, Minn.....	17	.....	14	.14	.00	.....
Bismarck, N. Dak.....	17	.....	20	.14	.....	.02
Williston, N. Dak.....	16	.....	18	.19	.....	.19
<b>Rocky Mountain Region:</b>						
Havre, Mont.....	26	.....	30	.14	.....	.06
Helena, Mont.....	24	.....	14	.21	.14	.....
Miles City, Mont.....	19	.....	21	.07	.....	.11
Rapid City, S. Dak.....	34	.....	24	.01	.01	.....
Spokane, Wash.....	31	.....	9	.59	.....	.41
Wallawalla, Wash.....	38	.....	9	.49	.....	.15
Baker City, Oreg.....	27	.....	4	.42	.....	.11
Winnemucca, Nev.....	32	.....	5	.35	.....	.11
Salt Lake City, Utah.....	33	.....	6	.42	.....	.17
Lander, Wyo.....	23	.....	.....	.07	.....	.....
Cheyenne, Wyo.....	28	.....	14	.07	.....	.01
North Platte, Nebr.....	28	.....	13	.14	.....	.01
Denver, Colo.....	32	.....	17	.16	.00	.....
Pueblo, Colo.....	32	.....	12	.14	.....	.07
Dodge City, Kans.....	34	.....	12	.15	.....	.03
Oklahoma, Okla.....	41	.....	14	.67	.....	.36
Amarillo, Tex.....	37	.....	10	.21	.....	.06
Abilene, Tex.....	48	.....	11	.35	.00	.....
Santa Fe, N. Mex.....	30	.....	2	.21	.15	.....
El Paso, Tex.....	46	.....	.....	.14	.....	.14
Phoenix, Ariz.....	53	.....	7	.30	.....	.19
<b>Pacific Coast:</b>						
Fort Canby, Wash.....	44	.....	.....	2.24	.....	.....
Portland, Oreg.....	41	1	2	1.84	.....	.87
Roseburg, Oreg.....	41	.....	.....	1.52	.06	.....
Eureka, Cal.....	49	.....	.....	1.92	.....	.....
Redbluff, Cal.....	47	.....	4	1.29	.....	.89
Carson City, Nev.....	35	.....	7	.49	.....	.27
Sacramento, Cal.....	47	.....	4	1.00	.....	.62
San Francisco, Cal.....	51	.....	3	1.16	.....	1.04
Fresno, Cal.....	46	.....	5	.35	.....	.14
Los Angeles, Cal.....	56	.....	6	1.02	.....	.97
San Diego, Cal.....	56	.....	3	.54	.....	.32
Yuma, Ariz.....	57	.....	8	.11	.....	.07

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, and plague as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 29, 1896, to December 31, 1897.*

## CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
India:				
Bombay .....	Dec. 8-Dec. 15.....		1	
	Dec. 22-Dec. 29.....		1	
	Mar. 23-Mar. 30.....		1	
	Mar. 31-June 29.....		68	
	July 1-Aug. 3.....		386	
	Aug. 4-Aug. 31.....		509	
	Sept. 1-Sept. 28.....		138	
	Sept. 29-Nov. 2.....		99	
	Nov. 3-Nov. 23.....		26	
Calcutta.....	Nov. 14-Jan. 30.....		267	
	Jan. 31-Feb. 27.....		311	
	Feb. 28-Mar. 6.....		125	
	Mar. 6-May 29.....	1,310		
	May 30-June 26.....		176	
	June 27-July 31.....		118	
	Aug. 1-Aug. 23.....		22	
	Aug. 29-Oct. 2.....		48	
	Oct. 3-Oct. 30.....		31	
	Oct. 31-Nov. 13.....		29	
Madras.....	Nov. 21-Nov. 27.....		2	
	Nov. 28-Dec. 4.....		1	
	Dec. 12-Dec. 25.....		6	
	Dec. 26-Jan. 29.....		22	
	Jan. 30-Feb. 26.....		13	
	Feb. 27-Mar. 5.....		2	
	Mar. 6-Mar. 19.....		1	
	Mar. 20-Mar. 26.....		2	
	May 29-June 25.....		4	
	June 26-July 30.....		12	
	July 31-Aug. 27.....		28	
	Aug. 28-Oct. 1.....		57	
	Oct. 2-Oct. 29.....		12	
	Oct. 30-Nov. 5.....		2	
	Nov. 6-Nov. 12.....		2	
Singapore.....	Nov. 1-Nov. 30.....		12	
	Dec. 1-Dec. 31.....		5	
	June 1-June 30.....		1	
	Aug. 1-Aug. 31.....		1	
Ceylon:				
Colombo .....	Nov. 28-Jan. 23.....		114	
	Jan. 23-Jan. 30.....	1	1	
	July 3-July 17.....	4	4	
China:				
Hongkong.....	Sept. 4-Sept. 11.....		1	
England:				
Plymouth.....	Jan. 9.....		4	On steamship Nubia. No cases in city.
Japan:				
Chiba Ken .....	July 20-Aug. 3.....	4	3	
Fukuoka Ken.....	June 28-Aug. 3.....	6	4	
Hio-go Ken.....	June 28-July 6.....	1	1	
Kanagawa Ken.....	July 7-Aug. 3.....	13	9	
	Sept. 23-Sept. 30.....	1	1	
Kioto Fu.....	July 16-Aug. 3.....	2	1	
Okinawa.....	July 30-Aug. 3.....	1	1	
Osaka.....	May 1-July 6.....	13	2	
Osaka and Hio-go.....	July 16-July 25.....	2	2	
	Aug. 1-Sept. 4.....	5	8	
Oyama Ken.....	June 28-July 6.....	1		
Saitama.....	July 16-July 25.....	1	1	
Shiga Ken.....	July 20-Aug. 3.....	1	1	
Tochigi Ken.....	July 20-Aug. 3.....	1	1	
Tokyo .....	Dec. 4-Dec. 29.....	8	7	
	Dec. 30-Jan. 18.....	3	3	
	June 28-Aug. 3.....	28	10	
	Sept. 3-Sept. 30.....	18	7	
	Oct. 1-Oct. 10.....	3		
Yamanashi Ken.....	July 7-July 15.....	1		
Yamaguchi Ken.....	July 20-Aug. 3.....	1	1	
Yehime.....	Oct. 29-Nov. 8.....	2		
Yokohama.....	Dec. 4-Dec. 29.....	4	3	
	Dec. 30-Jan. 18.....	2	2	

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

## YELLOW FEVER.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Brasil:</b>				
Bahia .....	May 13-May 19...	5	3	Yellow fever reported.
	Oct. 4.....			
Para.....	Dec. 12-Jan. 30...		32	
	Jan. 31-Feb. 27...		20	
	Feb. 27-Mar. 6...		9	
	Mar. 13-Mar. 20...		3	
	Apr. 3-Apr. 10...		3	
	May 30-June 5...		4	
	June 20-July 3...		7	
	July 4-July 31...		11	
	Aug. 1-Aug. 28...		16	
	Sept. 5-Sept. 25...		12	
	Oct. 2-Oct. 9...		5	
	Oct. 16-Oct. 30...		25	
	Nov. 14-Nov. 27...		19	
Rio de Janeiro.....	Nov. 21-Dec. 26...		10	
	Dec. 26-Jan. 30...		28	
	Jan. 31-Feb. 6...	12	5	
	Feb. 13-Feb. 20...	21	6	
	Feb. 20-Mar. 6...		16	
	Mar. 7-May 29...	174	78	
	May 30-July 3...	10	7	
	July 4-July 31...	3	2	
	Aug. 8-Aug. 28...	2	1	
	Aug. 29-Nov. 27...	7	2	
Santos.....	Aug. 1-Aug. 7...	1		
Cuba:(a)				
Cardenas.....	Dec. 25-Jan. 30...	84	8	
	Jan. 31-Feb. 27...	38	1	
	Apr. 17-June 26...	46	9	
	June 27-July 31...	7	3	
	Aug. 1-Aug. 28...		11	
	Sept. 5-Nov. 13...		10	
	Nov. 14-Dec. 18...		5	
Cienfuegos.....	Dec. 20-Dec. 27...		8	
	Dec. 28-Jan. 17...		2	
	Apr. 4-Apr. 11...		1	
	May 17-May 23...		1	
	June 20-July 25...		30	
	July 26-Aug. 1...		16	
	Aug. 2-Aug. 29...		33	
	Aug. 30-Nov. 14...		27	
	Nov. 15-Dec. 12...		1	
Guantanamo.....	Sept. 1-Sept. 30...		1	
Habana.....	Dec. 17-Dec. 31...	220	79	
	Jan. 1-Jan. 28...	400	144	
	Jan. 28-Feb. 25...	117	44	
	Feb. 25-Mar. 25...	130	38	
	Mar. 25-Apr. 29...	342	85	
	Apr. 30-July 1...	750	279	
	July 2-July 29...		192	
	July 3-Aug. 5...		28	
	Aug. 6-Sept. 2...		108	
	Sept. 3-Sept. 30...		67	
	Oct. 1-Oct. 28...		66	
	Oct. 29-Nov. 4...		11	
	Nov. 5-Dec. 2...		44	
	Dec. 3-Dec. 9...		6	
Manzanillo.....	Apr. 1-Apr. 15...		1	
	May 15-May 31...		1	
	June 1-June 15...		1	
	July 2-July 31...		6	
	Aug. 1-Aug. 31...		7	
	Oct. 1-Oct. 31...		11	
	Nov. 1-Nov. 30...		22	
Matanzas.....	Dec. 9-Dec. 23...		8	
	Dec. 23-Jan. 27...		19	
	Jan. 27-Feb. 24...		4	
	Feb. 25-Mar. 31...		2	
	Apr. 1-June 30...	9	24	
	July 1-July 28...		17	
	July 29-Aug. 4...		4	
	Aug. 5-Sept. 29...		39	
	Sept. 30-Oct. 27...		10	
	Oct. 28-Dec. 1...		5	
	Dec. 2-Dec. 8...		1	

a February 28, 1897, 300 cases of yellow fever were reported among the sick soldiers on the island.

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

## YELLOW FEVER—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Cuba—Continued.</b>				
Regla.....	Sept. 1-Sept. 30.....		104	
	Oct. 1-Oct. 14.....		30	
	Nov. 5-Dec. 2.....		47	
	Dec. 3-Dec. 9.....		3	
Sagua la Grande.....	Dec. 19-Dec. 26.....	50	5	
	Dec. 26-Jan. 9.....	65	6	
	Jan. 9-Jan. 30.....	110	12	
	Jan. 31-Feb. 27.....	35	7	
	Feb. 27-Mar. 27.....	54	17	
	Mar. 28-June 26.....	304	.....	Number of deaths not given.
	June 27-July 31.....	185	9	
	Aug. 1-Aug. 28.....	130	11	
	Aug. 29-Sept. 25.....	180	13	
	Sept. 26-Oct. 2.....	30	4	
	Oct. 3-Oct. 30.....	151	8	
	Oct. 31-Nov. 27.....	69	1	
	Nov. 28-Dec. 11.....	5	.....	Do.
	Dec. 5-Dec. 26.....		17	
Santiago.....	Dec. 26-Jan. 30.....		16	
	Jan. 16-Jan. 30.....		5	
	Jan. 30-Feb. 27.....		6	
	Feb. 27-Mar. 27.....		3	
	May 2-July 3.....	54	64	140 cases in military hospital.
	July 4-July 31.....		82	
	Aug. 1-Aug. 28.....		56	
	Aug. 29-Oct. 2.....		74	
	Oct. 3-Oct. 30.....		27	
	Oct. 31-Nov. 27.....		8	
	Nov. 28-Dec. 18.....		1	
Ecuador:				
Guayaquil.....	Dec. 18-Jan. 10.....		9	
Haiti:				
Cape Haytien.....	Nov. 6.....		.....	Yellow fever reported.
Port au Prince.....	Dec. 1-Dec. 7.....		2	
	Dec. 14.....		.....	Yellow fever epidemic.
	Mar. 1-Mar. 8.....		3	
	Nov. 10.....	2	1	
Guadeloupe:				
Basse Terre.....	Jan. 5.....	1	.....	
Jamaica:				
Brownstown, St. Anns.....	Nov. 7-Nov. 20.....	7	.....	
Buff Bay.....	Oct. 17-Nov. 20.....	1	1	
Kingston.....	July 17-July 31.....	2	1	
	Aug. 1-Nov. 27.....	83	34	
	Nov. 27-Dec. 11.....	1	4	
Manchester.....	Aug. 1-Dec. 11.....	29	9	
Morant Bay.....	Nov. 7-Nov. 20.....	1	1	
Port Antonio.....	Aug. 1-Nov. 20.....	4	4	
St. Andrew.....	Nov. 14-Nov. 27.....	1	.....	
	Nov. 27-Dec. 11.....	2	.....	
St. Catharine.....	Nov. 7-Nov. 20.....	4	.....	
St. Elizabeth.....	Aug. 1-Nov. 20.....	1	1	
St. James.....	Nov. 20-Nov. 27.....	1	1	
Westmorland.....	Nov. 7-Nov. 20.....	1	1	
Mexico:				
Mazatlan.....	Sept. 26-Oct. 2.....		9	
Vera Cruz.....	June 28.....		.....	Yellow fever reported.
	June 25-July 1.....		2	
	June 29.....		2	
	Oct. 1-Oct. 7.....	α 3	.....	
	Nov. 12-Nov. 18.....		β 1	
Nicaragua:				
Corinto.....	Sept. 6.....		.....	Do.
Leon.....	Sept. 6.....		.....	Do.
	Oct. 1.....		2	Do.
Managua.....	Sept. 6.....		.....	Do.
Peru:				
Callao.....	June 10-June 17.....		2	In harbor on steamship Santiago from Panama.
San Salvador.....	July 1-July 31.....	39	11	
	Aug. 1-Aug. 31.....	54	16	
	Sept. 1-Sept. 30.....	34	12	
	Nov. 1.....		.....	Yellow fever epidemic.
United States of Colombia:				
Bocas del Toro.....	Aug. 22.....		.....	1 case yellow fever.
Cartagena.....	Oct. 12-Oct. 23.....	12	3	Yellow fever reported epidemic.
Colon.....	May 12-May 25.....		5	
	Aug. 4-Aug. 14.....		1	
Panama.....	Apr. 14.....	20	17	
	June 25.....	91	62	Estimated.

α On steamship Uto.

β On Sacrificio Island.



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

## YELLOW FEVER—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Panama .....	June 23-July 3...	12	7	
	July 4-Aug. 3...	33	15	
	Aug. 4-Aug. 13...	4	2	
	Sept. 13-Oct. 3...	2	2	

## PLAGUE.

Arabia:				
Jeddah .....	June 10.....	16	23	
Egypt:				
Suez.....	Mar. 31.....			One case of plague on Br. ss. Dilwara from Bombay.
India:				
Bombay (a).....	Dec. 1-Dec. 22.....		694	This is the number of deaths officially reported. The United States consul estimates the number of deaths for the same period at 2,763.
	Dec. 22-Jan. 5.....		738	Estimated deaths for this same period, 2,953.
	Jan. 5-Jan. 12.....		335	Estimated deaths for this same period, 1,388.
	Jan. 12-Jan. 19.....		470	
	Jan. 19-Jan. 26.....		443	Estimated deaths for this same period, 1,462.
	Jan. 26-Feb. 23.....		2,884	Estimated deaths for this same period, 5,845.
	Feb. 23-Mar. 9.....		1,282	Estimated deaths for this same period, 2,265.
	Mar. 9-Mar. 30.....		1,431	Estimated deaths for this same period, 2,730.
	Mar. 31-June 1.....		1,681	Estimated deaths from March 31 to April 20, 2,892.
	June 2-June 29.....		90	
	July 1-Aug. 3.....		52	
	Aug. 4-Aug. 31.....		65	
	Sept. 1-Sept. 28.....		155	
	Sept. 29-Oct. 5.....		44	
	Oct. 6-Nov. 2.....		163	
	Nov. 3-Nov. 23.....		166	
Calcutta.....	Feb. 6-Feb. 13.....		1	
Karachi.....	Jan. 11.....			Plague epidemic; 220 cases, 214 deaths to date.
Madras.....	Oct. 2-Oct. 22.....		2	
China:				
Amoy .....	June 30.....			Plague epidemic reported.
Hongkong .....	Dec. 13-Dec. 29.....			A few cases.
	May 21-May 29.....	4	2	
	June 6-June 12.....		1	
	June 26-July 17.....		3	
	Sept. 26-Oct. 2.....	1	1	
Macao.....	Apr. 1-May 31.....		154	
	June 1-June 3.....	43		
	June 1.....			Plague epidemic reported.
	May 4.....			Epidemic of plague reported.
Swato .....				
Japan:				
Formosa .....	Nov. 6-Nov. 30.....	53	37	
	Dec. 4-Dec. 29.....		15	
	Jan. 19-Jan. 27.....	3		
	Feb. 23-Mar. 12.....	3		
	Mar. 13-Mar. 23.....	4		
	Mar. 24-Mar. 31.....	3		
	Apr. 1-Apr. 20.....	64	54	
	Apr. 20-May 20.....	268		
	May 31-June 27.....	144		
	June 28-July 25.....	25		
	July 7-Aug. 3.....	3	2	
	June 9-June 27.....	3	3	
	Apr. 20-Apr. 27.....	3		
Formosa .....				
Kanagawa Ken .....				
Nagasaki Ken .....				
Taihoku .....				
Russia:				
St. Petersburg.....	Apr. 10-Apr. 17.....		1	
Theodosia .....	Mar. 31.....			One case of plague on Br. ss. Baldwin.

a Official returns show 9,118 cases and 7,602 deaths to March 12.

## BRAZIL.

*Sanitary reports from Rio de Janeiro.*

RIO DE JANEIRO, November 22, 1897.

SIR: I have the honor to transmit report for the week ended November 20, 1897:

There were 5 deaths from *accessio pernicioso*, the same as in the foregoing week; 1 from yellow fever, none in the foregoing week; 4 from smallpox, none in the foregoing week; 2 from beriberi, a decrease of 4; 46 from tuberculosis, a decrease of 15; none from whooping cough, 1 in the foregoing week, and 259 from all causes, a decrease of 27.

From the above, it appears that the health of the port and town is good, though it is getting late in the season. In fact, until this last week, we have had no really hot days.

Since last report the following-named ships have been visited or received bills of health from this office: November 16, bark *Julia Rollins*, American, for Baltimore. November 17, bark *Sereia*, Portuguese, for Brunswick, Ga.; bark *Otago*, Swede, for Tybee Roads, Ga. November 18, steamship *Dulwich*, British, for St. Lucia, West Indies; steamship *Carolina*, French, for New Orleans. November 19, steamship *Galileo*, Belgian, for New York. November 20, bark *Hougomont*, British, for New York; steamship *Langoe*, British, for St. Lucia, West Indies.

Respectfully, yours,

R. CLEARY, M. D.,

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

The SUPERVISING SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

RIO DE JANEIRO, November 29, 1897.

SIR: I have the honor to transmit report for the week ended November 27, 1897:

There were 7 deaths from *accessio pernicioso*, an increase of 2; none from yellow fever, 1 in the foregoing week; none from smallpox, 4 in the foregoing week; 3 from beriberi, an increase of 1; 2 from enteric fever, none in the foregoing week; 45 from tuberculosis, a decrease of 1, and 259 from all causes, the same as in the foregoing week.

I have never known this place as healthy and free from epidemics at this time of the year as it is now.

Since last report the following-named ships have been visited or received bills of health from this office:

November 23: Bark *Monte Allegro*, Italian, for Sabine Pass, La. November 24, steamship *Bellucia*, British, for New York from Rosario; steamship *Georgian Prince*, British, Santos to New York. November 26, steamship *Mozart*, British, for New York. November 27, bark *Duburndale*, American, for Maceió; steamship *Severn*, British, for Baltimore. November 29, steamship *Hawkhurst*, British, for St. Lucia, West Indies; steamship *Salerno*, German, Santos to New York; steamship *Holbein*, British, Santos to New Orleans; steamship *Merida*, British, for New York from Rosario.

Respectfully, yours,

R. CLEARY, M. D.

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

The SUPERVISING SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

## CUBA.

*Smallpox and yellow fever in Cuban seaports.*

December 21: The United States consul at Cardenas reports that during the week ended December 18 there was in that city no death from yellow fever and no death from smallpox.

December 20: The United States consul at Sagua la Grande reports that during the week ended December 18 there were in that city many cases of yellow fever, but authorities refuse to give number of cases and deaths, and 27 cases and 3 deaths from smallpox.

December 18: The United States consul at Santiago de Cuba reports that during the week ended December 18, there were in that city no deaths from yellow fever, and no deaths from smallpox.

*Sanitary reports from Santiago.*

SANTIAGO DE CUBA, *December 11, 1897.*

SIR: I have the honor to inform you that the mortality for the week ended Saturday, December 11, was as follows:

Yellow fever, 1; dysentery, 5; tuberculosis, 7; enteritis, acute and chronic, 12; malarial fevers, 15; common diseases of noncontagious character, 27; making a total of 67 deaths in a population estimated to-day to be about 40,000 inhabitants.

Yellow fever has almost disappeared from the military hospital, but intestinal and pulmonary affections are on the increase, owing to bad nourishment and the fatigue of a tropical campaign. Among the civil population, malarial fevers, anæmia, dropsy, and hunger carry off the greater number.

Respectfully,

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

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

SANTIAGO DE CUBA, *December 18, 1897.*

SIR: I have the honor to inform you that the mortality for the week was as follows:

Dysentery, 10; malarial fevers, 18; tuberculosis, 9; diarrhea, 14; dropsy, anæmia, and want, 37, making a total of 88 deaths for the week.

For the first time in many months no deaths from yellow fever have been reported and there are but few cases at the hospitals, and these of mild character. Dysentery is again increasing among the poorer classes owing to the lack of proper nourishment. Tuberculosis, anæmia, and dropsy, due to the same causes, are making many victims. The greater number in the mortality is found among the "concentrados" who have no means of earning their daily bread and have to rely on the charitable feelings of a poverty-stricken community for the means of keeping body and soul together.

Respectfully,

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

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

## JAPAN.

*Sanitary condition of Japan.*YOKOHAMA, *December 8, 1897.*

SIR: Although I am unable to forward my regular report of infectious disease in Japan by the present mail, I have the honor to inform you that the sanitary condition of the Empire remains practically unchanged since my return of November 8 to November 28, save that a few cases of plague have occurred at a comparatively unimportant port of Formosa, exact statistics of which are not to be obtained, and that the Japanese quarantine officials at Nagasaki, and other points more directly in communication with Formosa, have been, accordingly, notified to take all due precautions.

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.*

## NICARAGUA.

*Quarantine against New Orleans raised at San Juan del Norte.*

SAN JUAN DEL NORTE, NICARAGUA,  
*November 25, 1897.*

SIR: Under date of November 16, 1897, our consular agent at Bluefields, Nicaragua, reports as follows:

"Quarantine is raised to-day. The steamship *Fulton* arrived from New Orleans this morning and the officers reported that new cases of yellow fever were decreasing in number and that deaths were few.

"Upon hearing this report, Dr. Pruett, the health physician at this port, deemed it unnecessary to further continue the quarantine at this place from either New Orleans or Mobile.

"An official order to the above effect will soon be promulgated by General Reyes, the inspector-general of this coast."

I am, sir, your obedient servant, THOMAS O'HARA,  
*United States Consul.*

HON. WILLIAM R. DAY,  
*Assistant Secretary of State, Washington, D. C.*

## STATISTICAL REPORTS.

AUSTRALIA—*New South Wales—Sydney.*—Month of October, 1897. Estimated population, 410,000. Total deaths, 389, including enteric fever 5; diphtheria, 5, and scarlet fever, 2.

BAHAMAS—*Dunmore Town.*—Two weeks ended December 17. Estimated population, 1,472. No deaths.

*Governors Harbor.*—Week ended December 18. Estimated population, 1,500. No deaths.

*Green Turtle Cay—Abaco.*—Two weeks ended December 18. Estimated population, 3,900. No deaths.

FRANCE—*Nantes.*—Month of November, 1897. Estimated population, 125,757. Total deaths, 191, including enteric fever, 3.

*Roubaix*.—Month of November, 1897. Estimated population, 130,750. Total deaths, 191, including enteric fever, 3; diphtheria, 1; measles, 10, and whooping cough, 3.

*Rouen*.—Month of November, 1897. Estimated population, 112,657. Total deaths, 232, including diphtheria and croup, 1; enteric fever, 1, and phthisis pulmonalis, 1.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 33 great towns in England and Wales during the week ended December 11 correspond to an annual rate of 20.8 a thousand of the aggregate population, which is estimated at 10,992,524. The highest rate was recorded in Norwich, viz, 34.1, and the lowest in Cardiff, viz, 14.4.

*London*.—One thousand eight hundred and sixty-six deaths were registered during the week, including measles, 122; scarlet fever, 18; diphtheria, 58; whooping cough, 46; enteric fever, 14, and diarrhea and dysentery, 12. The deaths from all causes correspond to an annual rate of 21.8 a thousand. In greater London 2,414 deaths were registered, corresponding to an annual rate of 20.0 a thousand of the population. In the "outer ring" the deaths included 20 from diphtheria, 40 from measles, 4 from scarlet fever, and 7 from whooping cough.

*Ireland*.—The average annual death rate represented by the deaths registered during the week ended December 13 in the 23 principal town districts of Ireland was 22.0 a thousand of the population. The lowest rate was recorded in Kilkenny, viz, 0.0, and the highest in Clonmel, viz, 39.0 a thousand. In Dublin and suburbs 171 deaths were registered, including enteric fever, 7, scarlet fever, 4, and diphtheria, 1.

*Scotland*.—The deaths registered in 8 principal towns during the week ended December 11 correspond to an annual rate of 20.2 a thousand of the population, which is estimated at 1,549,907. The lowest mortality was recorded in Paisley, viz, 16.8, and the highest in Perth, viz, 29.0 a thousand. The aggregate number of deaths registered from all causes was 603, including scarlet fever, 12; diphtheria, 5; measles, 16, and whooping cough, 20.

INDIA—*Singapore*.—Month of October, 1897. Estimated population, 56,000. Total deaths, 175, including cholera, 23; beriberi, 119, and phthisis pulmonalis, 101.

JAMAICA.—November 27 to December 4. Estimated population, 694,865. Total deaths not reported. Seven deaths from yellow fever.

*Kingston*.—Month of November, 1897. Estimated population, 34,314. Total deaths, 106, including diphtheria, 1; phthisis pulmonalis, 13, and yellow fever, 13.

RUSSIA—*Riga*.—Month of September, 1897. Estimated population, 282,000. Total deaths, 478, including diphtheria, 10; enteric fever, 11; measles, 5; scarlet fever, 19; whooping cough, 11, and phthisis pulmonalis, 42.

ST. HELENA.—October 30 to November 20, inclusive. Estimated population, 3,600. One death. No death from contagious disease.

## MORTALITY TABLE, FOREIGN CITIES.

Cities.	Week ended.	Estimated popula- tion.	Total deaths from all causes.	Deaths from—								
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Aix la Chapelle .....	Dec. 4....	126,722	53							1		1
Amherstburg .....	Dec. 18....	2,300	0									
Amsterdam .....	Dec. 11....	501,119	163					2		6		
Belleville .....	Dec. 20....	10,399	3									
Berlin .....	Nov. 17....	1,708,499	522						6	16	7	
Bluefields .....	Dec. 11....	3,000	3									
Bombay .....	Nov. 23....	900,000	a 682	8							1	
Brussels .....	Dec. 4....	531,011	153					1	2		1	2
Calcutta .....	Nov. 13....	681,560	539	21						1	1	
Callao .....	Nov. 14....	16,000	20									
Do .....	Nov. 21....	16,000	18									
Do .....	Nov. 28....	16,000	23									
Cardenas .....	Dec. 18....	23,517	69				6	17		1		
Catania .....	Dec. 7....	120,000	60									
Chemnitz .....	Dec. 4....	165,000	85				1		2	5		
Christiania .....	do .....	192,141	65							1		
Cologne .....	do .....	338,654	117							3		2
Copenhagen .....	do .....	340,500	111					1	4			2
Dusseldorf .....	do .....	189,780	63									
Flushing .....	Dec. 11....	17,193	0									
Frankfort on the Main .....	do .....	243,000	80					1		1	6	
Funchal .....	Dec. 5....	35,665	14									
Ghent .....	Dec. 11....	159,218	72				2				1	
Gibraltar .....	Dec. 5....	25,700	9									
Girgenti .....	Dec. 4....	24,428	13									
Gothenburg .....	do .....	117,350	38								3	
Guyaquil .....	Dec. 3....	50,000	26									
Halifax .....	Dec. 18....	38,700	17									
Honolulu .....	Nov. 20....	30,000	13									
Do .....	Nov. 27....	30,000	15									
Do .....	Dec. 4....	30,000	8									
Iquique .....	Oct. 30....	33,106	37									1
Do .....	Nov. 6....	33,106	25					1				1
Do .....	Nov. 13....	33,106	21									
Do .....	Nov. 20....	33,106	36									
Do .....	Nov. 27....	33,106	29									1
Leeds .....	Dec. 11....	402,447	168					3	2	6	14	6
Leghorn .....	Dec. 4....	103,609	23									
Licata .....	do .....	20,000	9					2				
Liege .....	do .....	166,110	53									
London, Canada .....	do .....	36,000	8							1		1
Do .....	Dec. 11....	36,000	7									
Do .....	Dec. 18....	36,000	7						1			
Magdeburg .....	Nov. 20....	221,341	73									2
Mannheim .....	Dec. 4....	101,500	30								1	
Messina .....	Dec. 11....	107,000	42			1			2			
Montevideo .....	Nov. 13....	214,061	51									
Do .....	Nov. 20....	214,061	55									
New Castle on Tyne .....	Dec. 2....	217,555	73					2				3
Osaka and Hioga .....	Nov. 20....	182,730	92					1		2		
Palermo .....	Dec. 4....	273,000	121							1		
Paris .....	Nov. 28....	2,511,955	947					4		8	2	2
Plymouth .....	Dec. 11....	97,658	46							1		
Prague .....	Dec. 5....	195,919	112					4	4	1		
Puerto Cortez .....	Dec. 25....	2,000	1									
Queenstown .....	Nov. 26....	15,000	2									
Do .....	Dec. 4....	15,000	5									
Do .....	Dec. 11....	15,000	1									
Rio de Janeiro .....	Nov. 20....	679,000	b 259	1	4							
Rotterdam .....	Dec. 11....	295,308	120								1	
Sagua la Grande .....	do .....	17,536	120			4						
St. Stephens .....	Dec. 18....	3,000	2									
San Juan del Norte .....	Dec. 4....	1,156	1									
Santos .....	Nov. 20....	40,400	26									
Schiedam .....	Dec. 11....	26,627	11									
Sonneberg .....	Nov. 27....	12,400	4									
South Shields .....	Dec. 2....	95,798	19									
Stettin .....	Dec. 4....	150,000	69								1	
Stockholm .....	do .....	275,000	71						3	2		
Stuttgart .....	Dec. 9....	162,934	61									
Sunderland .....	Dec. 4....	142,107	48								3	

a Bubonic plague, 66.

b Beriberi 2.

## MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated popula- tion.	Total deaths from all causes.	Deaths from—								
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Tegucigalpa.....	do.....	12,000	4	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trapani.....	do.....	45,095	15	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trieste.....	do.....	158,314	76	.....	.....	.....	.....	.....	.....	3	.....	.....
Venice.....	do.....	166,069	69	.....	.....	.....	.....	2	.....	.....	.....	1
Vienna.....	Nov. 13.....	1,574,129	579	.....	.....	.....	.....	1	3	11	.....	.....
Do.....	Nov. 30.....	1,574,129	575	.....	.....	.....	.....	4	5	8	.....	.....
Zurich.....	Dec. 4.....	159,000	43	.....	.....	.....	.....	.....	.....	3	1	1

By authority of the Secretary of the Treasury :

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