

Public Health Reports

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

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UNITED STATES.

[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 18, 1897. (a)

States.	Cities.	Date.	Cases.	Deaths.	
Alabama.....	Aleo.....	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	
		Oct. 25.....	1	0	
		do.....	1	0	
		Sandy Ridge.....	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. 18...	8	4	
	Patterson.....	Oct. 21.....	1	0	
Mississippi.....	Barkley.....	Sept. 13-Sept. 18...	10	4	
	Bay St. Louis.....	Oct. 17-Oct. 28...	40	4	
	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
	Perkinson.....	Sept. 10.....	1	0
	Scranton.....	Sept. 10-Sept. 30...	39	3
		Oct. 1-Oct. 31...	281	10
		Nov. 1-Nov. 18...	43	5
Waveland.....	To Oct. 20.....	4	0	
West Pascagoula.....	Nov. 2-Nov. 3...	8	0	
Tennessee.....	Memphis.....	Oct. 22-Oct. 31...	40	5
		Nov. 1-Nov. 10...	12	9
Texas.....	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.

Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 29, 1896, to December 24, 1897.

Places.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Beesemer.....	Sept. 26-Oct. 2....	1	.....
Birmingham and adjacent country.....	May 8-Aug. 12....	96	1	5 cases varioloid.
	Aug. 21-Oct. 16....	68	.....
	Nov. 1-Nov. 27....	32	1	
	Nov. 28-Dec. 4....	13	.....
	Dec. 5-Dec. 18....	36	2	
Brockton.....	Aug. 29.....	1	.....
Mobile.....	Dec. 28-Jan. 26....	2	.....
	Mar. 28.....	1	.....
	Apr. 17.....	1	.....
	May 21.....	1	.....
	May 31.....	1	.....
Montgomery.....	Aug. 7-Aug. 13....	28	.....
Union Springs.....	Mar. 21.....	.....	1	
Connecticut:				
New Haven.....	Feb. 17.....	1	.....
Florida:				
Pensacola.....	Jan. 19-Feb. 20....	13	.....	12 varioloid. Varioloid. Do. Do. Do.
	Feb. 28-Mar. 10....	14	.....
	Mar. 27-Apr. 3....	3	.....
	Apr. 10-May 1....	10	.....
	May 2-May 22....	7	.....
	May 29-June 5....	2	.....
Escambia County (not in- cluding Pensacola).....	July 4-July 10....	.....	.....	1 case varioloid.
Dec. 2-Jan. 19....	.....	18	.....
Georgia:				
Atlanta and adjacent coun- try.....	Oct. 12-Nov. 30....	102	1	
Griffin.....	Oct. 20-Dec. 2....	19	1	
Illinois:				
Chicago.....	Mar. 25.....	.....	.....	Smallpox reported brought from Mexico.
	Mar. 27-Apr. 3....	.....	1	
	Apr. 10-Apr. 17....	2	.....
	May 8-May 15....	.....	1	

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Indiana:				
Greenwood.....	Feb. 12.....	1		
Louisiana:				
New Orleans.....	Sept. 8.....	1		Varioloid.
	Oct. 23.....	1		
Massachusetts:				
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	
New Bedford.....	Apr. 10-Apr. 17..	1		
Michigan:				
Bay City.....	Oct. 27-Nov. 20..	3		
Blissfield Township.....	Mar. 27-Apr. 10..			Smallpox reported.
	Apr. 17-May 1....			Do.
Missouri:				
St. Louis.....	April 29.....	2		
	May 1-May 22....	2	3	
New Mexico:				
Albuquerque.....	Sept. 19.....	1		
New York:				
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	
Ohio:				
Toledo.....	Apr. 1-May 31....	14	2	
	June 1-June 30....	4	1	
Pennsylvania:				
Drifton.....	Apr. 6.....	1		
McKeesport.....	Oct. 16-Oct. 23..	1		
Tennessee:				
Memphis.....	Apr. 1-June 26....	21		
	July 4-July 17....	3		
	Aug. 15-Aug. 21....	1		
	Oct. 14-Oct. 23..	8		
Washington:				
Tacoma.....	Feb. 6.....	1		
Olympia.....	Mar. 1.....	1		

Report of immigration at Boston for the week ended December 18, 1897.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Boston, December 18, 1897.Number of alien immigrants who arrived at this port during the week ended December 18, 1897;
also names of vessels and ports from which they arrived.

Date.	Vessel.	Where from.	No. of immigrants.
Dec. 12	Steamship Boston.....	Yarmouth, Nova Scotia.....	22
Dec. 13	Steamship Carinthia.....	Liverpool, England.....	1
Dec. 14	Steamship Ottoman.....	do.....	9
Dec. 15	Steamship Prince Edward.....	Yarmouth, Nova Scotia.....	24
Dec. 16	Steamship Boston.....	do.....	32
Do.....	Schooner M. J. Heckman.....	Cardigan, Nova Scotia.....	6
Do.....	Steamship Halifax.....	Halifax, Nova Scotia.....	31
Dec. 17	Steamship Philadelphia.....	Liverpool, England.....	4
Dec. 18	Steamship Prince Edward.....	Yarmouth, Nova Scotia.....	30
	Total.....		159

GEO. B. BILLINGS,
Commissioner.

*Report of immigration at New York for the week ended December 18, 1897.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of New York, December 20, 1897.**Number of alien immigrants who arrived at this port during the week ended December 18, 1897;
also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of im- migrants.
Dec. 13	Steamship La Gascogne.....	Havre.....	187
Do....	Steamship Persia.....	Hamburg.....	86
Do....	Steamship Pomeranian.....	Glasgow.....	3
Dec. 15	Steamship Friesland.....	Antwerp.....	105
Dec. 16	Steamship Kaiser Wilhelm II.....	Genoa and Naples.....	377
Do....	Steamship Alesia.....	Marseilles and Naples.....	438
Do....	Steamship Ethiopia.....	Glasgow.....	106
Dec. 17	Steamship Karamania.....	Naples.....	540
Do....	Steamship Aragonia.....	Stettin and Havre.....	214
Do....	Steamship Saale.....	Bremen.....	174
Dec. 18	Steamship Britannic.....	Liverpool and Queenstown.....	74
Do....	Steamship Weimar.....	Bremen.....	289
	Total.....		2,593

THOMAS FITCHIE,
*Commissioner.**Report of immigration at Philadelphia for the week ended December 18, 1897.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of Philadelphia, December 18, 1897.**Number of alien immigrants who arrived at this port during the two weeks ended December 18,
1897; also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of im- migrants.
Dec. 11	Steamship Egeria.....	Rosario.....	1
Dec. 17	Steamship Indiana.....	Liverpool.....	28
Do....	Steamship Switzerland.....	Antwerp.....	67
	Total.....		96

JNO. J. S. RODGERS,
Commissioner.

QUARANTINE REPORTS—Continued.
 State and municipal quarantine stations.

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

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Anclote, Fla.								No report.	
Apalachicola, Fla.								do.	
Bangor, Me.								do.	11
Boston, Mass.	Dec. 18							Bark Regnur had 2 deaths from fever during voyage from Para; stopped at this port and was remanded to Tortugas.	2
Carrabelle, Fla.	do.								
Cedar Keys, Fla.								No report.	4
Charleston, S. C.	Dec. 18								
Charlotte Harbor, Fla.								No report.	4
Elizabeth River, Va.	Dec. 18							No report.	
Galveston, Tex.								do.	
Gardiner, Oreg.								No transactions.	
Georgetown, S. C.	Dec. 18							No report.	
Gloucester, Mass.								No transactions.	
Key West, Monroe Co., Fla.	Dec. 18							No report.	8
Mayport, Fla.								No report.	
Mobile Bay, Ala.								do.	
New Bedford, Mass.								do.	
New Orleans, La.								do.	
Newport News, Va.	Dec. 18							No report.	6
Newport, R. I.								No transactions.	
Port Royal, S. C.	Dec. 11							No transactions.	1
Do.	Dec. 18							No transactions.	
Providence, R. I.	do.							No report.	8
St. Helena Entrance, Fla.								No transactions.	
Savannah, Ga.	Dec. 18	Swed, bk. Valentine.	Dec. 10	Rio.	Savannah.	Ballast discharged and vessel fumigated.	Dec. 17	No report.	
Tampa Bay, Fla.								No report.	

Reports of States and yearly and monthly reports of cities.

CALIFORNIA—*Los Angeles*.—Month of November, 1897. Estimated population, 103,000. Total deaths, 133, including phthisis pulmonalis, 38; enteric fever, 3, and diphtheria, 3.

Oakland.—Month of November, 1897. Estimated population, 75,000. Total deaths, 65, including phthisis pulmonalis, 10, and diphtheria, 2.

COLORADO—*Denver*.—Month of November, 1897. Estimated population, 160,000. Total deaths, 137, including phthisis pulmonalis, 34; enteric fever, 6; scarlet fever, 3, and diphtheria, 9.

CONNECTICUT.—Month of November, 1897. Reports to the State board of health from 168 towns, having an aggregate population of 883,192, show a total of 1,420 deaths, including phthisis pulmonalis, 111; enteric fever, 10; scarlet fever, 3; diphtheria and croup, 45; measles, 2, and whooping cough, 5.

GEORGIA—*Columbus*.—Month of November, 1897. Estimated population, white, 10,276; colored, 9,027; total, 19,303. Deaths, white, 6; colored, 9; total, 15, including phthisis pulmonalis, 3, and diphtheria, 1.

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

Springfield.—Two weeks ended December 13, 1897. Estimated population, 31,000. Total deaths, 19, including 3 from phthisis pulmonalis.

MARYLAND—*Cumberland*.—Month of November, 1897. Estimated population, 12,729. Total deaths, 10, including 1 from diphtheria.

Baltimore.—Month of November, 1897. Estimated population, white, 431,054; colored, 75,344; total, 506,398. Deaths, white, 634; colored, 181; total, 815, including phthisis pulmonalis, 97; enteric fever, 19; scarlet fever, 3; diphtheria, 51; croup, 4; measles, 1; whooping cough, 1.

MASSACHUSETTS—*North Attleboro*.—Month of November, 1897. Estimated population, 6,740. Total deaths, 6. No deaths from contagious diseases.

MICHIGAN.—Month of October, 1894. Reports to the State board of health, Lansing, from 159 cities and towns, having an aggregate population of 2,062,438, show a total of 2,346 deaths, including phthisis pulmonalis, 165; enteric fever, 70; scarlet fever, 10; diphtheria and croup, 93; measles, 1, and whooping cough, 15.

Week ended December 11, 1897. Reports from 61 observers indicate that pneumonia, diphtheria, and tonsilitis increased and measles decreased in area of prevalence. Phthisis pulmonalis was reported present during the week at 177, diphtheria at 49, enteric fever at 44, scarlet fever at 39, measles at 27, and whooping cough at 10 places.

MINNESOTA—*Minneapolis*.—Month of November, 1897. Estimated population, 225,602. Total deaths, 158, including phthisis pulmonalis, 22; enteric fever, 10; scarlet fever, 1, and diphtheria, 6.

St. Paul.—Month of November, 1897. Estimated population, 215,582. Total deaths, 105, including phthisis pulmonalis, 21; enteric fever, 6; scarlet fever, 2, and diphtheria, 4.

Winona.—Month of November, 1897. Estimated population, 22,000. Total deaths, 16, including 2 from phthisis pulmonalis.

NEW YORK—*Buffalo.*—Month of November, 1897. Estimated population, 360,000. Total deaths, 333, including phthisis pulmonalis, 28; enteric fever, 8; scarlet fever, 1, and diphtheria, 14.

MISSOURI—*Kansas City.*—Month of November, 1897. Estimated population, 175,000. Total deaths, 135, including phthisis pulmonalis, 13; enteric fever, 2; diphtheria, 8; croup, 1, and whooping cough, 3.

NORTH CAROLINA—*Raleigh.*—Month of November, 1897. Estimated population, white, 8,000; colored, 7,000; total, 15,000. Deaths, white, 15; colored, 8; total, 23, including phthisis pulmonalis, 5, and diphtheria, 1.

OHIO—*Cleveland.*—Month of November, 1897. Estimated population, 350,000. Total deaths, 360, including phthisis pulmonalis, 27; enteric fever, 9; scarlet fever, 2, and diphtheria, 20.

Columbus.—Month of November, 1897. Estimated population, 135,000. Total deaths, 77, including phthisis pulmonalis, 16; enteric fever, 1, and diphtheria, 2.

WASHINGTON—*Seattle.*—Month of November, 1897. Estimated population, 60,000. Total deaths, 41, including phthisis pulmonalis, 1; enteric fever, 1; scarlet fever, 1, and diphtheria, 3.

WISCONSIN—*Milwaukee.*—Month of November, 1897. Estimated population, 275,000. Total deaths, 274, including phthisis pulmonalis, 35; enteric fever, 2; diphtheria, 7; croup, 2, 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 pulmonalis.	Yellow fever.	Smallpox.	Varicoid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Allegheny, Pa.....	Dec. 18.....	105,287	33	1						5		1		
Baltimore, Md.....	do.....	434,439	162	19						7	1	9		
Bennington, Vt.....	do.....	6,391	3	1										
Binghamton, N. Y.....	do.....	35,005	15	2						1		1		
Birmingham, Ala.....	Dec. 11.....	26,178			2							1		
Boston, Mass.....	Dec. 18.....	448,477	172	22								5		
Brockton, Mass.....	Dec. 11.....	27,294	2											
Brooklyn, N. Y.....	Dec. 18.....	806,343	341	50						7	6	19	2	3
Brownsville, Tex.....	Dec. 4.....	6,134	2											
Do.....	Dec. 11.....	6,134	4	1										
Butler, Pa.....	Nov. 13.....	8,734	3	1						1				
Do.....	Nov. 20.....	8,734	2											
Do.....	Nov. 27.....	8,734	3											
Do.....	Dec. 4.....	8,734	2											
Do.....	Dec. 11.....	8,734	1											
Do.....	Dec. 18.....	8,734	2											
Cambridge, Mass.....	do.....	70,028	14	4										
Carlisle, Pa.....	do.....	7,620	2											
Charleston, S. C.....	Dec. 4.....	a { 54,955	b 26	3										
Do.....	Dec. 11.....	a { 54,955	c 35	5						2				
Chicago, Ill.....	do.....	1,099,850	427	38							2	18	1	
Cincinnati, Ohio.....	Dec. 17.....	296,908	104	6						5		4		2
Columbus, Ind.....	Dec. 18.....	6,719	1											
Columbus, Ohio.....	do.....	88,150	24							1	1			1
Dayton, Ohio.....	do.....	61,220	25	3						1				
Dedham, Mass.....	Dec. 4.....	7,123	0											
Do.....	Dec. 11.....	7,123	3	1										
Detroit, Mich.....	Dec. 18.....	205,876	76	5								2		
Dunkirk, N. Y.....	Dec. 11.....	9,416	2											
Elizabeth City, N. J.....	Dec. 18.....	37,764									1			
Everett, Mass.....	Dec. 11.....	11,068	10	1										
Fall River, Mass.....	Dec. 18.....	74,398	26	3								1		
Fitchburg, Mass.....	Dec. 11.....	22,037	10	1										
Galveston, Tex.....	Sept. 3.....	29,084	7											
Do.....	Sept. 10.....	29,084	15	1										
Do.....	Sept. 17.....	29,084	11	1										
Do.....	Sept. 24.....	29,084	15	1										
Gloucester, Mass.....	Dec. 11.....	24,651	4	1										
Green Bay, Wis.....	do.....	9,069	5									1		
Grand Rapids, Mich.....	Dec. 18.....	60,278	10	2										
Ironton, Ohio.....	do.....	10,389	1											
Jersey City, N. J.....	Dec. 12.....	163,003	64	5						2	1	1		
Do.....	Dec. 19.....	163,003	53	6						1	1	2		
Kalamazoo, Mich.....	Dec. 18.....	17,853	7											
Lawrence, Mass.....	Dec. 11.....	44,654	17	1										
Lowell, Mass.....	Dec. 18.....	77,686	31	3								2		
Lynchburg, Va.....	do.....	19,709	7	3										
McKeesport, Pa.....	Dec. 11.....	20,741	11	1										
Massillon, Ohio.....	do.....	10,092	1											
Do.....	Dec. 18.....	10,092	2											
Medford, Mass.....	Dec. 18.....	11,079	6							1				
Memphis, Tenn.....	do.....	64,495	23	2						1				
Middletown, N. Y.....	Dec. 15.....	7,681	7	1							1			
Minneapolis, Minn.....	Dec. 11.....	164,738	41	3						2	1	1		
Nashville, Tenn.....	Dec. 18.....	76,168		4										
Newburyport, Mass.....	Dec. 11.....	13,947	5											
Newport, R. I.....	Dec. 18.....	19,457	12											
New York, N. Y.....	do.....	1,515,301	690	86						13	6	20	12	2
Norristown, Pa.....	do.....	19,791	4	2										
Omaha, Nebr.....	Dec. 11.....	140,452	27											
Oneonta, N. Y.....	Dec. 18.....	6,272	1											
Petersburg, Va.....	Dec. 12.....	22,680	10	2										
Philadelphia, Pa.....	Dec. 18.....	1,046,964	451	40						12	2	32		1
Pittsburg, Pa.....	Dec. 11.....	238,617	88	3						1	1	2	1	3
Pittsfield, Mass.....	Dec. 18.....	17,281	2											
Portland, Me.....	do.....	36,425	17											
Poughkeepsie, N. Y.....	Dec. 11.....	22,206	8											
Providence, R. I.....	Dec. 18.....	132,146	55	3						3		3	1	
Fueblo, Colo.....	Dec. 11.....	24,558	7											
Reading, Pa.....	Dec. 20.....	58,661	15							1				
Salt Lake City, Utah.....	Dec. 11.....	41,843	6	1							1			

a Estimated population, white, 28,870; colored, 36,295. Total, 65,165. b White, 7; colored, 19.
c White, 9; colored, 26.

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.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
San Diego, Cal.....	Dec. 13.....	16,159	3											
Santa Barbara, Cal.....	Dec. 11.....	5,864	6											
Scranton, Pa.....	Dec. 18.....	75,215	39									2		
Taunton, Mass.....	do.....	25,448	6	1										
Waltham, Mass.....	do.....	18,707	6											
West Newton, Mass.....	do.....	24,379	8	5							1			
Winona, Minn.....	Dec. 11.....	18,208	4										1	
Woburn, Mass.....	Dec. 4.....	13,499	4	1										
Do.....	Dec. 11.....	13,499	3	1										
Do.....	Dec. 18.....	13,499	3											
Yonkers, N. Y.....	Dec. 17.....	32,033	14	3								1		
Youngstown, Ohio.....	Dec. 18.....	33,220	5	1						2				

Table of temperature and rainfall, week ended December 18, 1897.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	αExcess.	αDefic'ncy.	Normal.	Excess.	Deficiency.
Atlantic Coast:						
Eastport, Me.....	28	9	.....	.91		.65
Portland, Me.....	30	5	.....	.81	.00	.....
Northfield, Vt.....	24	10	.....	.70		.44
Boston, Mass.....	33	10	.....	.81		.25
Vineyard Haven, Mass.....	40	7	.....	.77		.19
Nantucket, Mass.....	38	6	.....	.97		.49
Woods Hole, Mass.....	37	6	.....	.80	.32	.....
Block Island, R. I.....	38	7	.....	.80	.50	.....
New Haven, Conn.....	34	5	.....	.76		.03
Albany, N. Y.....	32	8	.....	.63		.15
New York, N. Y.....	37	8	.....	.72		.27
Harrisburg, Pa.....	36	8	.....	.70		.24
Philadelphia, Pa.....	37	10	.....	.57		.07
New Brunswick, N. J.....	39	4	.....	.90		.45
Atlantic City, N. J.....	38	7	.....	.84		.41
Baltimore, Md.....	40	7	.....	.70		.46
Washington, D. C.....	38	8	.....	.65		.46
Lynchburg, Va.....	41	8	.....	.63		.57
Cape Henry, Va.....	46	5	.....	.84		.84
Norfolk, Va.....	44	8	.....	.84		.84
Charlotte, N. C.....	45	7	.....	.86		.82
Raleigh, N. C.....	46	7	.....	.57		.26
Kittyhawk, N. C.....	48	5	.....	.91		.31
Hatteras, N. C.....	50	6	.....	1.21		.43
Wilmington, N. C.....	49	6	.....	.63	.29	.....
Columbia, S. C.....	49	4	.....	.63		.63
Charleston, S. C.....	53	5	.....	.70		.67
Augusta, Ga.....	49	4	.....	.77		.77
Savannah, Ga.....	53	4	.....	.70		.70
Jacksonville, Fla.....	57	4	.....	.63		.55
Jupiter, Fla.....	69	1	.....	.54		.50
Key West Fla.....	71	2	.....	.35		.31
Gulf States:						
Atlanta, Ga.....	47	5	.....	.98		.95
Tampa, Fla.....	64	0	.....	.49		.46
Pensacola, Fla.....	56	3	.....	.84	.04	.....
Mobile, Ala.....	54	5	.....	.98	2.30	.....
Montgomery, Ala.....	50	4	.....	1.03		.15
Vicksburg, Miss.....	52	7	.....	1.12		.50
New Orleans, La.....	57	5	.....	.98	.23	.....
Shreveport, La.....	51	7	.....	1.05		.18
Fort Smith, Ark.....	44	6	.....	.70	.66	.....
Little Rock, Ark.....	46	6	.....	.98	.49	.....
Palestine, Tex.....	52	8	.....	.84		.12
Galveston, Tex.....	58	4	.....	.91		.26
San Antonio, Tex.....	56	5	.....	.42		.42
Corpus Christi, Tex.....	60	5	.....	.28		.28
Ohio Valley and Tennessee:						
Memphis, Tenn.....	45	7	.....	.86		.15
Nashville, Tenn.....	43	8	.....	.78		.71
Chattanooga, Tenn.....	45	5	.....	.98		.92
Knoxville, Tenn.....	41	7	.....	.91		.80
Louisville, Ky.....	40	8	.....	.91		.64
Indianapolis, Ind.....	35	9	.....	.70		.34
Cincinnati, Ohio.....	38	9	.....	.70		.44
Columbus, Ohio.....	35	11	.....	.64		.09
Parkersburg, W. Va.....	38	8	.....	.77		.68
Pittsburg, Pa.....	36	11	.....	.63		.44
Lake Region:						
Oswego, N. Y.....	32	8	.....	.77		.41
Rochester, N. Y.....	31	12	.....	.63		.21
Buffalo, N. Y.....	32	11	.....	.77		.29
Erie, Pa.....	34	10	.....	.76		.47
Cleveland, Ohio.....	33	11	.....	.63		.41
Sandusky, Ohio.....	34	9	.....	.56		.17
Toledo, Ohio.....	33	10	.....	.56		.10
Detroit, Mich.....	31	8	.....	.59	.03	.....
Lansing, Mich.....	29	9	.....	.43	.36	.....
Port Huron, Mich.....	30	10	.....	.56	.35	.....
Alpena, Mich.....	26	9	.....	.56	.19	.....
Sault Ste. Marie, Mich.....	24	6	.....	.49	.14	.....
Marquette, Mich.....	24	7	.....	.59		.46

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

Table of temperature and rainfall, week ended December 13, 1897—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	α Excess.	α Defic'ncy.	Normal.	Excess.	Deficiency.
Lake Region—Continued.						
Green Bay, Wis.....	27	4		.56		.35
Grand Haven, Mich.....	31	8		.63	.34	
Milwaukee, Wis.....	28	6		.42	.39	
Chicago, Ill.....	31	7		.56		.29
Duluth, Minn.....	21	7		.34		.05
Upper Mississippi Valley:						
St. Paul, Minn.....	22	7		.31		.29
La Crosse, Wis.....	26	3		.35		.35
Dubuque, Iowa.....	28	3		.42	.28	
Davenport, Iowa.....	29	6		.42		.18
Des Moines, Iowa.....	29	2		.35		.19
Keokuk, Iowa.....	32	5		.46		.13
Springfield, Ill.....	34	5		.63	.04	
Cairo, Ill.....	41	8		.76	.09	
St. Louis, Mo.....	38	6		.69	.01	
Missouri Valley:						
Columbia, Mo.....	40	1		.48	.05	
Springfield, Mo.....	40	6		.68	2.30	
Kansas City, Mo.....	34	5		.38		.02
Wichita, Kans.....	39	4		.21	.24	
Concordia, Kans.....	34	4		.11	.30	
Lincoln, Nebr.....	33	1		.15	.31	
Omaha, Nebr.....	30	3		.23	.14	
Sioux City, Iowa.....	30	0		.28	.13	
Yankton, S. Dak.....	25	6		.21	.20	
Valentine, Nebr.....	30	4		.07		.05
Huron, S. Dak.....	22	6		.14		.02
Pierre, S. Dak.....	26	9		.07		.01
Moorhead, Minn.....	15	10		.19		.15
Bismarck, N. Dak.....	19	8		.14		.11
Williston, N. Dak.....	17	9		.14		.08
Rocky Mountain Region:						
Havre, Mont.....	26	8		.14		.13
Helena, Mont.....	26	10		.21		.19
Miles City, Mont.....	21	11		.07		.07
Rapid City, S. Dak.....	33	5		.07		.07
Spokane, Wash.....	34	4		.56	.63	
Wallawalla, Wash.....	43	4		.47	.78	
Baker City, Oreg.....	30	4		.41	.23	
Salt Lake City, Utah.....	33	3		.37	.11	
Lander, Wyo.....	23	4		.09		.07
Cheyenne, Wyo.....	31	1		.07	.19	
North Platte, Nebr.....	31	4		.14		.12
Denver, Colo.....	35	3		.16	.17	
Pueblo, Colo.....	36	2		.11	.12	
Dodge City, Kans.....	35	7		.14		.14
Oklahoma, Okla.....	44	4		.53		.13
Amarillo, Tex.....	36	8		.21		.07
Abilene, Tex.....	49	6		.35		.35
Santa Fe, N. Mex.....	32	2		.21		.17
El Paso, Tex.....	46	1		.14		.14
Phoenix, Ariz.....	54		2	.21		.21
Pacific Coast:						
Fort Canby, Wash.....	45	2		2.27	2.55	
Portland, Oreg.....	43	4		1.73	1.83	
Roseburg, Oreg.....	44	4		1.40	1.06	
Eureka, Cal.....	49	4		1.81		.20
Redbluff, Cal.....	47		1	1.16	.14	
Carson City, Nev.....	37	5		.49	.90	
Sacramento, Cal.....	46	4		.89	.27	
San Francisco, Cal.....	51	2		1.09	.01	
Fresno, Cal.....	45	6		.35		.05
Los Angeles, Cal.....	56	2		.89		.89
San Diego, Cal.....	56			.51		
Yuma, Ariz.....	58		2	.07		.07

α 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 24, 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. 23.....		138	
	Sept. 29-Nov. 2.....		99	
	Nov. 3-Nov. 16.....		18	
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. 6.....		6	
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	
Hiogo 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 Hiogo.....	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.	
Brazil:					
Bahia.....	May 13-May 19... Oct. 4.....	5	3	Yellow fever reported.	
Para.....	Dec. 12-Jan. 30... Jan. 31-Feb. 27... Feb. 27-Mar. 6... Mar. 13-Mar. 20... Apr. 3-Apr. 10... May 30-June 5... June 20-July 3... July 4-July 31... Aug. 1-Aug. 28... Sept. 5-Sept. 25... Oct. 2-Oct. 9... Oct. 16-Oct. 30... Nov. 14-Nov. 27... Nov. 21-Dec. 26... Dec. 26-Jan. 30... Jan. 31-Feb. 6... Feb. 13-Feb. 20... Feb. 20-Mar. 6... Mar. 7-May 29... May 30-July 3... July 4-July 31... Aug. 8-Aug. 28... Aug. 29-Nov. 20... Aug. 1-Aug. 7...	32 20 9 3 3 4 7 11 16 12 5 25 19 10 28 5 6 16 78 7 2 1 2 1			
Rio de Janeiro.....	Dec. 25-Jan. 30... Jan. 31-Feb. 27... Apr. 17-June 26... June 27-July 31... Aug. 1-Aug. 28... Sept. 5-Nov. 13... Nov. 14-Dec. 18... Dec. 20-Dec. 27... Dec. 28-Jan. 17... Apr. 4-Apr. 11... May 17-May 23... June 20-July 25... July 26-Aug. 1... Aug. 2-Aug. 29... Aug. 30-Nov. 14... Nov. 15-Dec. 12... Sept. 1-Sept. 30... Dec. 17-Dec. 31... Jan. 1-Jan. 28... Jan. 28-Feb. 25... Feb. 25-Mar. 25... Mar. 25-Apr. 29... Apr. 30-July 1... July 2-July 29... July 3-Aug. 5... Aug. 6-Sept. 2... Sept. 3-Sept. 30... Oct. 1-Oct. 28... Oct. 29-Nov. 4... Nov. 5-Dec. 2... Dec. 3-Dec. 9... Apr. 1-Apr. 15... May 15-May 31... June 1-June 15... July 2-July 31... Aug. 1-Aug. 31... Oct. 1-Oct. 31... Nov. 1-Nov. 30... Dec. 9-Dec. 23... Dec. 23-Jan. 27... Jan. 27-Feb. 24... Feb. 25-Mar. 31... Apr. 1-June 30... July 1-July 28... July 29-Aug. 4... Aug. 5-Sept. 29... Sept. 30-Oct. 27... Oct. 28-Dec. 1... Dec. 2-Dec. 8...	12 21 174 10 3 2 6 1 84 38 46 7 11 10 5 8 2 1 1 30 16 33 27 1 1 220 400 117 130 342 750 192 28 108 67 66 11 44 6 1 1 1 6 7 11 22 8 19 4 2 9 17 4 39 10 5 1			
Santos.....					
Cuba: (a)					
Cardenas.....	Dec. 25-Jan. 30... Jan. 31-Feb. 27... Apr. 17-June 26... June 27-July 31... Aug. 1-Aug. 28... Sept. 5-Nov. 13... Nov. 14-Dec. 18... Dec. 20-Dec. 27... Dec. 28-Jan. 17... Apr. 4-Apr. 11... May 17-May 23... June 20-July 25... July 26-Aug. 1... Aug. 2-Aug. 29... Aug. 30-Nov. 14... Nov. 15-Dec. 12... Sept. 1-Sept. 30... Dec. 17-Dec. 31... Jan. 1-Jan. 28... Jan. 28-Feb. 25... Feb. 25-Mar. 25... Mar. 25-Apr. 29... Apr. 30-July 1... July 2-July 29... July 3-Aug. 5... Aug. 6-Sept. 2... Sept. 3-Sept. 30... Oct. 1-Oct. 28... Oct. 29-Nov. 4... Nov. 5-Dec. 2... Dec. 3-Dec. 9... Apr. 1-Apr. 15... May 15-May 31... June 1-June 15... July 2-July 31... Aug. 1-Aug. 31... Oct. 1-Oct. 31... Nov. 1-Nov. 30... Dec. 9-Dec. 23... Dec. 23-Jan. 27... Jan. 27-Feb. 24... Feb. 25-Mar. 31... Apr. 1-June 30... July 1-July 28... July 29-Aug. 4... Aug. 5-Sept. 29... Sept. 30-Oct. 27... Oct. 28-Dec. 1... Dec. 2-Dec. 8...	8 1 9 3 11 10 5 8 2 1 1 30 16 33 27 1 1 79 144 44 38 85 279 192 28 108 67 66 11 44 6 1 1 1 6 7 11 22 8 19 4 2 9 17 4 39 10 5 1			
Cienfuegos.....					
Guantanamo.....					
Habana.....					
Manzanillo.....					
Matanzas.....					

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.
Cuba—Continued.				
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.
Santiago.....	Dec. 5-Dec. 26.....		17	
	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. 11.....		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.....		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. 4.....	1	3	
Manchester.....	Aug. 1-Dec. 4.....	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. 4.....	1		
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 23.....			Yellow fever reported.
	June 25-July 1.....		2	
	June 29.....		2	
	Oct. 1-Oct. 7.....	a 3		
	Nov. 12-Nov. 18.....		b 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.....	38	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.

a On steamship Uto.

b 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, 1,398.
	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. 16.....		100	
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.
Swato.....	May 4.....			Epidemic of plague reported.
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	
Formosa.....	Apr. 20-May 20.....	268		
	May 31-June 27.....	144		
	June 28-July 25.....	25		
	July 7-Aug. 3.....	3	2	
Kanagawa Ken.....	June 9-June 27.....	3	3	
Nagasaki Ken.....	Apr. 20-Apr. 27.....	3		
Taihoku.....				
Russia:				
St. Petersburg.....	Apr. 10-Apr. 17.....		1	
Theodosia.....	Mar. 31.....			One case of plague on Br. ss. Baldwin.

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

BARBADOS.

Quarantine against Rio de Janeiro on account of smallpox.

BARBADOS, November 27, 1897.

SIR: I have been directed by my board to state for your information that quarantine has been imposed here against Rio Janeiro, all recent bills of health from there, both United States and British, being indorsed that smallpox existed there.

Quarantine is in force here against Pernambuco, Manaos, Para, Panama, Mayaguez (Puerto Rico), Cuba, Bahia, and Jamaica.

The public health of this island continues to be good.

I am, yours, etc.,

JAS. SANDERSON,
Clerk, Quarantine Board.

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

CANADA.

Smallpox in Canada.

MONTREAL, December 17, 1897.

The present status of smallpox in this Province is as follows:

Municipality.	County.	Population.	Date of outbreak.	New cases since last report.	Total cases since outbreak.	Died.	Recovered.	Still sick.	Houses infected since outbreak.	Houses still infected.
Montreal City.....	.....	240,000	July 2	2	23	11	8	4	16	0
Westmount.....	Hochelaga.....	6,000	July 26	0	5	1	4	0	2	0
ste. Cunégonde.....	do.....	8,000	Aug. 27	0	1	.....	1	0	1	0

^a Father and son. The father, who is a plumber, was employed to seal the coffin of a smallpox victim.

^b Except the isolation hospital.

Yours, respectfully,

ELZÉAR PELLETIER,
Secretary Board of Health of the Province of Quebec.

CUBA.

Smallpox and yellow fever in Cuban seaports.

December 13: The United States consul at Cardenas reports that during the week ended December 11 there was in that city no death from yellow fever and no death from smallpox.

December 13: The United States consul at Cienfuegos reports that during the week ended December 12 there was in that city no death from yellow fever and 1 death from smallpox.

December 18: The United States sanitary inspector at Habana reports that during the week ended December 18 there were in that city 4 deaths from yellow fever and 1 death from smallpox.

December 6 : The United States consular agent at Manzanillo reports that during the two weeks ended November 30 there were in that city 18 deaths from yellow fever.

December 13 : The United States consul at Sagua la Grande reports that during the week ended December 11 there were in that city 27 cases and 4 deaths from smallpox.

Sanitary report from Habana.

HABANA, CUBA, *December 18, 1897.*

SIR: I have the honor to inform you that both yellow fever and smallpox have diminished of late, there having been only 4 deaths from yellow fever during the past week (all Spanish soldiers), and 1 death from smallpox. Typhoid fever and intestinal diseases still prevail to a considerable extent, as will be seen by the following report (mortuary):

During the week ending December 18 there were 418 deaths in all in this city, 4 of which were caused by yellow fever, 1 by smallpox, 24 by enteric fever, 11 by malarial fever, 11 by pernicious fever, 64 by enteritis, 43 by dysentery, 46 by tuberculosis, 4 by pneumonia, 8 by starvation, 2 by la grippe, 3 by beriberi, 1 by scarlet fever, and 1 by diphtheria.

The weather is beautiful, cool, and dry.

Very respectfully,

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

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

HAITI.

Danger of yellow fever epidemic passed.

DEPARTMENT OF STATE,
Washington, D. C., December 13, 1897.

SIR: I have, by direction of the Secretary of State, the honor to inclose copy of a dispatch from our minister to Haiti reporting that the danger of an epidemic of yellow fever has passed.

Respectfully, yours,

ALVEY A. ADEE,
Second Assistant Secretary.

The SECRETARY OF THE TREASURY.

[Inclosure.]

LEGATION OF THE UNITED STATES,
Port au Prince, Haiti, November 26, 1897.

SIR: I gladly inform the Department that the danger arising from an epidemic of yellow fever has happily been removed. As stated at the time, I thought they were sporadic cases, a few occurring about this time each year, showing that the germ is here and needs but an opportunity to develop itself.

Of the cases that have occurred 1 was fatal, the others yielding rapidly to treatment. I have requested one who has given a great portion of his time to a study of this subject, and who during the epidemic of a few years ago lost but few cases, to give to the legation an account of his treatment for the benefit of those who are called to combat this dreaded disease at home. This he has promised to do. I hope to have the pleasure of sending the same to the Department by next mail.

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

W. F. POWELL.

The SECRETARY OF STATE, *Washington, D. C.*

JAPAN.

Sanitary report for Japan.

YOKOHAMA, November 29, 1897.

SIR: I have the honor to forward herewith my regular report of infectious disease in Japan, for period November 9 to November 28, inclusive.

In so doing I would call attention to the apparently increasing prevalence of smallpox in the Hokkaido, at the chief port of which district, as the Government has no consular officer, there is no possibility of enforcing ante-embarkation precautions.

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

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

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[Inclosure.]

Report of infectious disease in Japan, November 9 to November 28, 1897.

Locality.	Cholera.		Dysentery.		Smallpox.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Kioto Fu.....			39	15		
Osaka Fu.....			51	14	1	
Tokyo Fu.....			107	38	2	
Aichi Ken.....			114	34		
Akita Ken.....			5	1		
Awomori Ken.....			349	75		
Chiba Ken.....			458	128		
Fukui Ken.....			5	8		
Fukuoka Ken.....			40	6		
Fukushima Ken.....			41	15	1	
Gifu Ken.....			75	19		
Gumma Ken.....			47	23		
Hiogo Ken.....			180	37		
Hiroshima Ken.....			143	60		
Ibaraki Ken.....			28	9		
Ishikawa Ken.....			4	6		
Iwate Ken.....			225	67	1	
Kagawa Ken.....	(a)					
Kagoshima Ken.....			25	9		
Kanagawa Ken.....			146	54	1	
Kochi Ken.....			40	6		
Kumamoto Ken.....	(a)					
Miyagi Ken.....			136	42	2	1
Miyazaki Ken.....			77	25	4	
Miye Ken.....			57	13		
Nagano Ken.....			105	35		
Nagasaki Ken.....			49	11		1
Nara Ken.....	(a)					
Niigata Ken.....			378	301	20	5
Oita Ken.....			72	19		
Okayama Ken.....			93	30		
Okinawa Ken.....	(a)					
Saga Ken.....			16	9		
Saitama Ken.....			90	41		
Shidzuoka Ken.....			352	104		
Shiga Ken.....			18	6		
Shimane Ken.....			234	56		
Tochigi Ken.....	(a)					
Tokushima Ken.....			31	13		
Tottori Ken.....			6	3		
Toyama Ken.....			5	1		
Wakayama Ken.....			9	1		
Yamagata Ken.....			11	5		
Yamaguchi Ken.....			187	46		
Yamanashi Ken.....			132	68		
Yehime Ken.....			213	39	18	4
The Hokkaido.....			3	2	152	44
Taiwan (Formosa).....	(a)					
Totals.....			4,946	1,494	202	55

a No report.

TURKEY.

Sanitary report from Constantinople.

[Report No. 180.]

CONSTANTINOPLE, *November 2, 1897.*

According to the official reports Turkey is free from any epidemic, at least on account of cholera and plague. The English sanitary commissioner, at the last sitting of the international sanitary commission, stated, that besides the existence of plague epidemic at Bombay and Poonah, there is an outbreak of the same epidemic at Kolapoon, a city 500 miles from Bombay on the way to Madras. Another place infected is that of Hubli, near Goa. Plague broke out also at Harduar town, near the Himalaya, where there is an immense gathering of Hindo pilgrims. This latter place is at a distance of 1,800 miles from Bombay. Very probably this latter outbreak may be attributed to the existence of plague endemic long years since at Kumaom and Gurhwal. At Poonah, in the middle of November, 40 deaths from plague were registered every day. At the same time about 630 patients suffering from plague were lying in the hospitals of that town.

In reference to this question of plague epidemic there was again a discussion about the lazaretto of Bassorah. The sanitary physician lately appointed there asks for money, about \$100, in order to improve that lazaretto. I have already mentioned in my last two reports about the disorder and scandals occurring in that would-be lazaretto. I must not omit to add that the sanitary officials had hired a common house not far from other houses in order to make of it a lazaretto, and there the passengers undergo their quarantine. The landlord of the above-mentioned house is living in it, at least up to the last news received from Bassorah, with his family, trading freely with the passengers who undergo their quarantine.

A disinfecting stove has been purchased and sent to Bassorah, but more than six months have elapsed and the stove lies on the ground, nobody having ever thought to put it up and have it ready for disinfection of the wearing apparel of the passengers.

I think that for such a perfect (?) lazaretto (the sanitary physicians of which are not able to make a diagnosis), it is not worth while spending money, even so small a quantity, for I consider, as I have advanced during the above-mentioned discussion, that it is much better not to have any lazaretto than to have one like that existing now.

Other sanitary commissioners have stated that Turkey and Europe have nothing to fear from Bassorah, that plague will not spread in Turkey that way. I mention only cholera epidemic imported from India in 1889, which was raging in the provinces of Nedjed and Bassorah. Nothing can assure us that, with such a sanitary defense, plague will not appear again in that province.

The sanitary inspector of Camaran has announced that Mr. Steichdachner, professor of natural sciences and director of the museum of Vienna, has arrived in that island on board an Austrian man-of-war (*The Pola*), in order to make scientific inquiries about the Red Sea.

There exists, at present, in Constantinople an epidemic of measles, which is localized in the quarter of Galata, and lasting from the end of the month of September. The other quarters of the city are nearly free from it. The mortality of Constantinople from the 15th to the

28th of last November was 492, of which 8 deaths were from typhoid fever, 8 from measles, 6 from diphtheria, and 20 from smallpox.

SPIRIDION C. ZAVITZIANO,
United States Sanitary Commissioner.

STATISTICAL REPORTS.

CUBA—*Manzanillo*.—Two weeks ended November 30, 1897. Estimated population, 20,000. Total deaths, 149, including yellow fever, 18, and enteric fever, 3.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 33 great towns in England and Wales during the week ended December 4 correspond to an annual rate of 19.8 a thousand of the aggregate population, which is estimated at 10,992,524. The highest rate was recorded in Norwich, viz, 27.9, and the lowest in Croydon, viz, 9.9.

London.—One thousand seven hundred and twenty-five deaths were registered during the week, including measles, 108; scarlet fever, 21; diphtheria, 52; whooping cough, 38; enteric fever, 16, and diarrhea and dysentery, 15. The deaths from all causes correspond to an annual rate of 20.2 a thousand. In greater London 2,205 deaths were registered, corresponding to an annual rate of 18.3 a thousand of the population. In the "outer ring" the deaths included 15 from diphtheria, 32 from measles, 3 from scarlet fever, and 9 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended December 4 in the 23 principal town districts of Ireland was 22.5 a thousand of the population. The lowest rate was recorded in Queenstown, viz, 4.0, and the highest in Newtownards, viz, 39.7 a thousand. In Dublin and suburbs 170 deaths were registered, including enteric fever, 11; diphtheria, 2; scarlet fever, 3, and whooping cough, 2.

Scotland.—The deaths registered in 8 principal towns during the week ended December 4 correspond to an annual rate of 19.6 a thousand of the population, which is estimated at 1,549,907. The lowest mortality was recorded in Aberdeen, viz, 13.9, and the highest in Perth, viz, 29.0 a thousand. The aggregate number of deaths registered from all causes was 583, including measles, 15; scarlet fever, 9; diphtheria, 6, and whooping cough, 22.

NORFOLK ISLAND.—Month of September, 1897. Estimated population, 869. No deaths.

WEST INDIES—*Guadeloupe*.—Estimated population, 18,500. Total deaths, 29. No deaths from 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.	
Aix la Chapelle	Nov. 27	126,680	40										
Amherstburg	Dec. 11	2,300											
Amsterdam	Dec. 4	501,119	123					1		3			2
Belfast	Nov. 27	281,431	123									2	2
Do.	Dec. 4	281,431	142					10					
Belize	Dec. 10	13,000	3										
Berlin	Nov. 20	1,708,499	502					1	6	19	3		
Birmingham	Dec. 4	505,772	182					4	4	2	11		2
Bluefields	Nov. 27	8,000	2										
Do.	Dec. 4	3,000	2										
Bombay	Nov. 18	900,000	a 700	7							5		
Bordeaux	Sept. 4	260,000	106					2					
Do.	Sept. 11	260,000	23					4					
Do.	Sept. 18	260,000	88					1			1		
Do.	Sept. 25	260,000	81								1		
Do.	Oct. 2	260,000	100					3		2			1
Do.	Oct. 9	260,000	86							1			
Do.	Oct. 16	260,000	106					1					
Do.	Oct. 23	260,000	94										
Do.	Oct. 30	260,000	95					1		1			
Do.	Nov. 6	260,000	102					1		1	1		
Do.	Nov. 13	260,000	92					1		2			
Do.	Nov. 20	260,000	105					1		1			2
Do.	Nov. 27	260,000	106					1					
Cardenas	Dec. 11	23,517	53				4	15					
Bradford	Nov. 27	221,610	73					2			3		1
Do.	Dec. 4	221,610	76								1		
Bremen	Nov. 27	143,000	55					1	1		2		
Bristol	do	232,242	87					6			3		
Do.	Dec. 4	232,242	84					1	1	2	2		
Brussels	Nov. 27	531,011	168						3				1
Budapest	Dec. 3	640,000							1		1		1
Calcutta	Nov. 6	681,560	511	8									1
Catania	Nov. 30	120,000	68				1	2					
Cienfuegos	Dec. 12	24,030	91			1	3						
Cognac	Dec. 6	20,000	9										
Cologne	Nov. 27	338,654	105						1				
Colombo	Nov. 13	130,000	106										
Copenhagen	Nov. 27	340,500	99					2	24	24			5
Crefeld	Dec. 4	108,316	32						6	4	1		
Dublin	Nov. 27	350,000	170					7	1				
Do.	Dec. 4	350,000	170					8	4				
Dundee	do	163,090	64						1	1			1
Dusseldorf	Nov. 27	189,780	53							1			2
Flushing	Dec. 4	15,193	5										
Frankfort on the Main	do	243,000	78								3		1
Ghent	Nov. 27	159,218	76										
Do.	Dec. 4	155,218	67					1			1		
Gibraltar	Nov. 29	25,900	9										
Girgenti	Nov. 27	24,428	13										
Glasgow	do	714,919	263					2	5	2	9		15
Do.	Dec. 4	714,919	265					1	3	2	11		16
Gothenburg	Nov. 27	117,350	37							1	3		
Halifax	Dec. 11	38,700	15										
Haniburg	Dec. 4	641,780	197					1		2			
Kingsston, Canada	Dec. 17	18,500	9										
Leeds	Dec. 4	402,449	206					7	3	2	10		3
Licata	Nov. 27	20,000	10				1						
Liege	do	166,110	53					3	5	2	5		6
Liverpool	do	644,129	288						3	5	2	5	6
Do.	Dec. 4	644,129	295				1	7	8	3	5	7	
Livingston	do	2,000	2										
London, England	Nov. 27	6,291,677	2,205					27	29	77	142		42
Do.	Dec. 4	6,291,677	2,205					18	24	67	140		47
Lyons	Nov. 27	466,028	134										
Madras	Nov. 5	452,518	334	2							3		
Do.	Nov. 12	452,518	354								9		
Madrid	Nov. 30	482,816	304				1	10			12		
Manchester	Nov. 27	536,426	204					1	3	3	8		3
Do.	Dec. 4	536,426	169					2	5	1	9		2
Matamoras	Dec. 3	12,000	4										
Do.	Dec. 10	12,000	8										

a Forty-seven deaths from plague.

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.	
Matanzas	Dec. 8.....	50,000	301		1			8					
Mayence	Nov. 27.....	72,500	25									2	
Messina	Dec. 4.....	107,000	28								1		
Monte Cristy .....	.....do.....	1,200	0										
New Castle on Tyne.....	Nov. 27.....	217,555	82								1		1
Nuremberg.....	Nov. 20.....	180,141	60						3	2			
Odessa.....	Nov. 27.....	404,000	167			3		9		4			
Palermo.....	.....do.....	273,000	106							2			
Para.....	.....do.....	150,000	47		14								
Paris.....	.....do.....	2,511,955	900					2		6	5		4
Plymouth.....	Dec. 4.....	97,658	38										
Prague.....	Nov. 27.....	195,919	112					3	5	2			
Puerto Cortez.....	Dec. 8.....	2,000	0										
Rheims.....	Dec. 4.....	108,943	58						1				1
Rome.....	Oct. 25.....	483,560	131					1					
Do.....	Oct. 30.....	483,560	136					4	1				
Rotterdam.....	Dec. 4.....	285,308	96					1					
St. Johns, Antigua.....	Nov. 20.....	16,679	14										
Do.....	Nov. 27.....	16,679	18										
Do.....	Dec. 4.....	16,679	13										
St. Petersburg.....	Nov. 27.....	1,267,023	549			3		22	16	34	8		
St. Stephens.....	Dec. 11.....	2,680	0										
St. Thomas.....	Nov. 12.....	12,019	10										
Do.....	Nov. 19.....	12,019	4										
Do.....	Nov. 26.....	12,019	5										
Do.....	Dec. 3.....	12,019	11										
Sanchez.....	Nov. 13.....	1,000	1										
Do.....	Nov. 20.....	1,000	0										
Do.....	Nov. 27.....	1,000	0										
Do.....	Dec. 4.....	1,000	0										
Schiedam.....	.....do.....	26,627	9										
Sheffield.....	Nov. 27.....	355,821	160					6			4		8
Do.....	Dec. 4.....	355,821	151						3	1	9		6
Southampton.....	.....do.....	98,002	30								2		
South Shields.....	Nov. 27.....	95,798	29						1				
Stettin.....	.....do.....	150,000	68					1	1	3	1		
Stockholm.....	.....do.....	275,000	73							2	1		1
Stuttgart.....	Dec. 2.....	162,934	63										
Sunderland.....	Nov. 27.....	142,107	44					1	1		3		1
Tegucigalpa.....	.....do.....	12,000	4										
Trapani.....	.....do.....	45,095	14										
Trieste.....	.....do.....	158,314	55						1				
Tuxpan.....	Nov. 28.....	10,280	10										
Do.....	Dec. 4.....	10,280	16										
Venice.....	Nov. 27.....	166,107	66					1		4			
Vera Cruz.....	Dec. 9.....	30,000	26										
Warsaw.....	Nov. 27.....	601,408	239			7	4		14	5	8		2
Zurich.....	.....do.....	159,000	40				1				2		

By authority of the Secretary of the Treasury :

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