

Public Health Reports.

(Formerly "Abstract of Sanitary Reports.")

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

VOL. XI. WASHINGTON, D. C., DECEMBER 11, 1896. No. 50.

UNITED STATES.

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

No new cases of smallpox in Pensacola, Fla.

PENSACOLA, FLA., December 2, 1896.

SIR: Since my last report per telegram there have been no new cases of smallpox reported. On yesterday the residence of Dr. T. J. Williamson, on East Hill, was quarantined by the board of health, as it was discovered that the doctor's son was just recovering from smallpox, which goes to show that the disease existed without the knowledge of the health authorities. The sanitary inspectors, under the supervision of County Health Officer Herron, are doing good work. Their reports show very little sickness in the city.

Respectfully, yours,

J. WHITING HARGIS,
Acting Assistant Surgeon, U. S. M. H. S.

Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, May 9, 1896, to December 8, 1896.

Places.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Mobile County.....	June 5.....	1.....		
	July 5.....	1.....		
Arkansas:				
Conway County.....	Sept. 18.....	1.....		
Faulkner County.....	.....do.....	9.....		
Helena.....	Oct. 14-Nov. 6....	20.....	1.....	
Van Buren County.....	Sept. 18.....			Smallpox reported.
Florida:				
Key West.....	June 25-Aug. 3....	42.....	8.....	
Pensacola.....	May 20-July 4....	5.....	2.....	
	July 11-July 18....	1.....		
	Nov. 20-Nov. 27....	5.....		
Indiana:				
Indianapolis.....	May 29.....	1.....		
Evansville.....	Nov. 15.....	1.....		

* For table of smallpox in the United States, etc., December 26, 1895, to May 9, 1896, see PUBLIC HEALTH REPORTS No. 23.

Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, May 9, 1896, to December 8, 1896.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Louisiana:				
New Orleans.....	May 9-July 18....	83	24	
	July 25-Aug. 22....	7	2	
	Sept. 19-Sept. 26....	1		
Shreveport	May 16-May 30....	2		
	June 6-June 13....	6		
Mississippi:				
Clarksdale.....	Nov. 11.....	1		
New York:				
New York.....	May 1-May 31....	1	1	
North Hempstead.....	do.....	1		
Ohio:				
Dayton.....	May 28-June 4....	1	1	
	June 18-June 25....	1	1	
	July 2-July 9....	1	1	
Ironton.....	Nov. 25.....	1		
Tennessee:				
Memphis.....	May 1-May 30....	10		
	Nov. 7.....	1		
Shelby County (not including Memphis).	May 1-May 31....	8	2	
	June 1-June 30....	3		
	July 1-July 31....	5	2	
Tipton County.....	June 1-June 30....	14	2	
	July 1-July 31....	8		
	Aug. 1-Aug. 31....	1		
Washington:				
Seattle.....	May 23.....	1		Case occurred April 27; now convalescent.
	Aug. 1-Aug. 31....	4	1	

Report of immigration at New York for the week ended December 5, 1896

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of New York, December 7, 1896.

Number of alien immigrants who arrived at this port during the week ended December 5, 1896; also names of vessels and ports from which they arrived.

Date.	Vessel.	Where from.	No. of immigrants.
1896.			
Nov. 29	Steamship La Bretagne.....	Havre.....	183
Nov. 30	Steamship Albano.....	Hamburg.....	144
Do.....	Steamship Armenia.....	do.....	193
Do.....	Steamship Furnessia.....	Glasgow.....	42
Dec. 1	Steamship Amsterdam.....	Rotterdam and Boulogne.....	90
Do.....	Steamship Werra.....	Genoa.....	103
Do.....	Steamship Palatia.....	Hamburg.....	179
Do.....	Steamship Oregon.....	Genoa and Naples.....	499
Dec. 2	Steamship Southwark.....	Antwerp.....	98
Do.....	Steamship Siberian.....	Glasgow.....	3
Dec. 3	Steamship Schiedam.....	Amsterdam.....	48
Do.....	Steamship Trave.....	Bremen.....	161
Do.....	Steamship Venetia.....	Stettin.....	113
Dec. 4	Steamship Dresden.....	Bremen.....	163
Do.....	Steamship Britannic.....	Liverpool and Queenstown.....	83
Total.....			2,102

Dr. J. H. SENNER,
Commissioner of Immigration.

*Report of immigration at Philadelphia for the week ended December 5, 1896.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of Philadelphia, December 5, 1896.**Number of alien immigrants who arrived at this port during the week ended December 5, 1896; also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
1896.			
Dec. 1	Steamship Pennland.....	Liverpool and Queenstown.....	63
Dec. 2	Steamship Pennsylvania.....	Antwerp.....	137
Do....	Steamship Scotia	Hamburg.....	50
Do....	Steamship Lackawanna.....	Birkenhead	2
	Total.....	.....	252

JNO. J. S. RODGERS,
Commissioner of Immigration.

QUARANTINE REPORTS.

National 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.
Delaware Breakwater, Del.	Nov. 23								3
Eureka, Cal.	Dec. 5								4
Grays Harbor, Wash.	Nov. 25							No transactions.	
Gulf, Ship Island, Miss.	Nov. 28							do.	
Port Townsend, Wash.	Nov. 21							2 pieces of baggage disinfected.	1
Reedy Island, Del.	Nov. 28								8
San Diego, Cal.	Dec. 5								4
San Francisco, Cal.	Nov. 28								16
South Atlantic, Blackhead Island, Ga.	Nov. 28								5
	do.	Swed. bk. Gurli *	Nov. 11	Rio	Savannah	Disinfected and held.			10
		Dan. bk. Adolph Har- bor.	Nov. 26	do.	do.	Held for disinfection.			2
Tortugas, Key West, Fla.	Nov. 14	Am. sc. Nettie *	Nov. 5	Guadaloupe.	Sabine Pass	Disinfected and held.	Nov. 13		
		Ger. bk. Eliza Lynch	Nov. 7	Pernambuco	Apalachicola	do.			
		Br. sc. Sirocco	Nov. 13	Cardenas	Mobile	do.			
	Nov. 21	Ger. bk. Eliza Lynch *	Nov. 7	Pernambuco	Apalachicola	do.	Nov. 21		
		Br. sc. Sirocco *	Nov. 13	Cardenas	Mobile	do.	Nov. 20		
Washington, N. C.	Nov. 28							No transactions.	
	Dec. 5							do.	

* 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.
Boston, Mass.....	Nov. 28	.....	.....	.....	.....	.....	.....	.....	16
.....	Dec. 5	.....	.....	.....	.....	.....	.....	.....	19
Charleston, S. C.....	Nov. 28	.....	.....	.....	.....	.....	.....	.....	3
Elizabeth River, Va.....	Dec. 5	.....	.....	.....	.....	.....	.....	.....	7
Galveston, Tex.....	Nov. 21	.....	.....	.....	.....	.....	.....	.....	8
.....	Nov. 28	.....	.....	.....	.....	.....	.....	.....	11
Newport News, Va.....	Nov. 28	.....	.....	.....	.....	.....	.....	.....	7
.....do.....	Dec. 5	.....	.....	.....	.....	.....	.....	No transactions	.....
Newport, R. I.....	Nov. 7	.....	.....	.....	.....	.....	.....	.....	3
Port Royal, S. C.....	Nov. 14	.....	.....	.....	.....	.....	.....	.....	1
.....	Dec. 5	.....	.....	.....	.....	.....	.....	No transactions	.....
Providence, R. I.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Reports of States and yearly and monthly reports of cities.

CONNECTICUT—*Meriden*.—Month of November, 1896. Estimated population, 28,500. Total deaths, 39, including phthisis pulmonalis, 5; enteric fever, 1, and diphtheria, 1.

FLORIDA—*Pensacola*.—Month of November, 1896. Estimated population, 15,000. Total deaths, 26, including phthisis pulmonalis, 4, and enteric fever, 4.

GEORGIA—*Columbus*.—Month of November, 1896. Estimated population, white, 10,276; colored, 9,027; total, 19,303. Deaths, white, 11; colored, 13; total, 24, including phthisis pulmonalis, 3; enteric fever, 2, and membranous croup, 1.

MICHIGAN.—Week ended November 28, 1896. Reports to the State board of health, Lansing, from 49 observers, indicate that influenza increased and pneumonia decreased in area of prevalence. Phthisis pulmonalis was reported present during the week at 223 places, diphtheria at 46, enteric fever at 34, scarlet fever at 32, measles at 23, and whooping cough at 6 places.

NEW YORK.—Month of October, 1896. Reports to the State board of health from 8 districts, including New York City, Brooklyn, and 150 other cities, towns, and villages, show a total of 8,676 deaths, including phthisis pulmonalis, 990; enteric fever, 195; scarlet fever, 35; diphtheria and croup, 361; measles, 37, and whooping cough, 67.

The Monthly Bulletin says:

The decrease in the mortality from all causes, which was reported in the last Bulletin to amount to 500 fewer deaths than in the corresponding month of last year, has continued during October, the reported mortality being 600 less than that of October, 1895. There is also a decrease of 800 in the number of deaths reported from the preceding month. The estimated death rate is 16 per 1,000 population annually, against 17.50 in September, and 17.20 in October, 1895. Among zymotic diseases the number of deaths from diarrheal diseases is unusually small and is diminished from 1,077 in September to 338, a saving of 740 deaths; this decrease is distributed over all parts of the State. From diphtheria, on the contrary, while compared with the mortality of a year ago it is less for the month by 100, there is an increase from 294 deaths in September, to 361; this increase occurs in all parts of the State except the central and southern, but is chiefly due to local outbreaks in Ogdensburg, Edgewater, New Brighton, Albany, Hudson, and Buffalo, with several other smaller places; its prevalence is reported from 35 towns in the northern and eastern parts of the State; in New York City there were fewer deaths than in September, but it has increased in Brooklyn and Long Island; diphtheria caused less than 2 per cent of the mortality in rural towns and 4.5 per cent of the urban mortality. Scarlet fever is reported as prevalent from 25 towns in the southwestern counties; 35 deaths occurred, which is a slight increase over last month. Typhoid fever has slightly decreased; it caused 3.5 per cent of the rural mortality and 2 per cent of the urban. From acute respiratory diseases the mortality is excessive, the 1,123 deaths reported being 300 more than either that of the preceding month or the corresponding

month of last year ; no special cause for this increase has been reported. From other local diseases the mortality is diminished.

Yonkers.—Month of October, 1896. Estimated population, 38,000. Total deaths, 55, including phthisis pulmonalis, 5, and diphtheria, 5.

NORTH CAROLINA.—Month of October, 1896. Reports to the State board of health from 26 towns having an aggregate population of 144,735 (white, 84,272 ; colored, 60,463) show a total of 222 deaths (white, 95 ; colored, 128). The deaths included phthisis pulmonalis, 29 ; enteric fever, 19 ; diphtheria, 4, and whooping cough, 2.

OHIO—*Toledo*.—Month of November, 1896. Estimated population, 137,780. Total deaths, 111, including phthisis pulmonalis, 10 ; enteric fever, 1 ; scarlet fever, 1 ; diphtheria, 7, and croup, 9.

PENNSYLVANIA—*Pottsville*.—Two weeks ended December 3, 1896. Estimated population, 14,000. Total deaths, 13, including 1 from enteric fever.

TENNESSEE—*Chattanooga*.—Month of October, 1896. Estimated population, white, 27,000 ; colored, 13,000 ; total, 40,000. Deaths, white, 17 ; colored, 20 ; total, 37, including phthisis pulmonalis, 6 ; enteric fever, 1, and diphtheria, 2.

Clarksville.—Month of October, 1896. Estimated population, white, 6,000 ; colored, 3,000 ; total, 9,000. Deaths, white, 5 ; colored, 6 ; total, 11, including enteric fever 1, and phthisis pulmonalis, 2.

Knoxville.—Month of October, 1896. Estimated population, white, 32,704 ; colored, 10,000 ; total, 42,704. Deaths, white, 28 ; colored, 19 ; total, 47, including phthisis pulmonalis, 7, and diphtheria, 3.

Memphis.—Month of October, 1896. Estimated population, 55,923, white, 28,064 ; colored, 27,859. Total deaths, 106 ; white, 51, colored, 55, including enteric fever, 4 ; whooping cough, 2 ; phthisis pulmonalis, 8, and diphtheria 1.

Nashville.—Month of October, 1896. Estimated population, white, 54,595 ; colored, 33,159 ; total, 87,754. Deaths, white, 65 ; colored, 56 ; total, 121, including phthisis pulmonalis, 25 ; enteric fever, 5 ; scarlet fever, 1 ; whooping cough, 2, and diphtheria, 2.

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.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Whooping cough.
Ashtabula, Ohio.....	Dec. 5.....	8,338	2										
Battle Creek, Mich.....	do.....	13,197	4										
Binghamton, N. Y.....	do.....	35,005	11										
Boston, Mass.....	do.....	448,477	195	17									
Brooklyn, N. Y.....	do.....	806,343	319	37									
Butler, Pa.....	do.....	8,734	4										
Cambridge, Mass.....	do.....	70,028	10	1									
Charleston, S. C.....	Nov. 23.....	*54,955	†22	3									
Chicago, Ill.....	Nov. 21.....	1,099,850	381	45									
Do.....	Nov. 23.....	1,099,850	357	34					11	1		22	
Cincinnati, Ohio.....	Dec. 4.....	296,908	101	10					11	3		22	
Columbus, Ind.....	Dec. 5.....	6,719	0										
Columbus, Ohio.....	do.....	88,150	24	4								1	
Concord, N. H.....	Nov. 23.....	17,044	6										
Dayton, Ohio.....	Dec. 3.....	61,220	18	2								1	
Dedham, Mass.....	Nov. 23.....	7,123	3										
Dunkirk, N. Y.....	do.....	9,416	5										
Elizabeth, N. J.....	Dec. 5.....	37,764										2	
Emporia, Kans.....	Nov. 23.....	7,551	2									1	
Erie, Pa.....	Dec. 5.....	40,634	18	2								1	
Everett, Mass.....	Dec. 4.....	11,068	6						1				
Fall River, Mass.....	Dec. 5.....	74,398	35	3								2	
Fitchburg, Mass.....	do.....	22,037	8	1									1
Haverhill, Mass.....	do.....	27,412	10										
Jersey City, N. J.....	Nov. 23.....	163,003	62	5					1			3	1
Johnstown, Pa.....	Dec. 5.....	21,805	6						1				
Lynchburg, Va.....	do.....	19,709	1										
Massillon, Ohio.....	Nov. 21.....	10,092	3										
Do.....	Nov. 23.....	10,092	2										
Do.....	Dec. 5.....	10,092	1										
Medford, Mass.....	Dec. 7.....	11,079	3										
Melrose, Mass.....	Nov. 23.....	8,519	5										
Memphis, Tenn.....	Dec. 5.....	64,495	29	5									
Middletown, Ohio.....	Nov. 23.....	7,681	1	1									
Milwaukee, Wis.....	Dec. 5.....	204,468	19	7					1			7	5
Minneapolis, Minn.....	do.....	164,738	40	2					1			2	1
Mobile, Ala.....	Dec. 12.....	31,076	9	2									
Nashville, Tenn.....	Dec. 5.....	76,168	22	1					1	1			
New Bedford, Mass.....	do.....	40,733	15	2								1	
New Brighton, N. Y.....	Nov. 14.....	16,423	13	2								1	
Do.....	Nov. 21.....	16,423	3									1	
Do.....	Nov. 23.....	16,423	6									1	
Newburyport, Mass.....	do.....	13,947	6	1									
New Orleans, La.....	do.....	242,039	116	13									
Newport, R. I.....	Dec. 5.....	19,457	4						3				
New York, N. Y.....	do.....	1,515,301	570	69					14	5	30	3	5
Norristown, Pa.....	do.....	19,791	5										
Omaha, Nebr.....	Nov. 21.....	140,452	25	1								2	
Do.....	Nov. 23.....	140,452	21	1								1	
Oneonta, N. Y.....	Dec. 5.....	6,272	1										
Philadelphia, Pa.....	Nov. 23.....	1,046,964	389	52					6	1	24		
Pittsfield, Mass.....	Dec. 5.....	17,281	9									1	
Portland, Me.....	do.....	36,425	12	3								2	
Pottstown, Pa.....	Nov. 7.....	13,284	2										
Do.....	Nov. 14.....	13,284	3						1				
Do.....	Nov. 21.....	13,284	8	1					1				
Do.....	Nov. 23.....	13,284	8	1								1	
Providence, R. I.....	Dec. 5.....	132,146	54	7								4	1
Pueblo, Colo.....	Nov. 23.....	24,558	10	1								1	
Richmond, Va.....	do.....	81,388	21	1									
St. Louis, Mo.....	Nov. 21.....	451,770	157	23					3			9	
Do.....	Nov. 23.....	451,770	160	13						1	11	1	
Salt Lake City, Utah.....	do.....	44,843	15	2					1			1	
San Diego, Cal.....	do.....	16,159	2										
San Francisco, Cal.....	do.....	298,997	105	21					1			1	
Santa Barbara, Cal.....	do.....	5,864	2	1									
Scranton, Pa.....	Dec. 5.....	75,215	36									2	
Seattle, Wash.....	Nov. 21.....	42,837	8										
Do.....	Nov. 23.....	42,837	5									1	
Stockton, Cal.....	Nov. 30.....	42,424	5										
Taunton, Mass.....	Dec. 5.....	25,448	5										

* Estimated population, white, 28,870; colored, 36,295. Total, 65,165. † White, 6; colored, 16.

MORTALITY TABLE, CITIES OF THE UNITED STATES—Continued.

[illegible]

Table of temperature and rainfall, week ended November 30, 1896.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Deficiency.	Normal.	Excess.	Deficiency.
Atlantic Coast:						
Eastport, Me.....	33	5		.98		.21
Portland, Me.....	30	9		.91		.24
Northfield, Vt.....	29	9		.77		.07
Boston, Mass.....	39	8		1.01	.06	
Vineyard Haven, Mass.....	43	9		.78	.24	
Nantucket, Mass.....	41	9		.84		.17
Woods Hole, Mass.....	38	9		1.09		.13
Block Island, R. I.....	42	6		.98	.08	
New Haven, Conn.....	38	7		.91	.01	
Albany, N. Y.....	36	8		.65		.25
New York, N. Y.....	41	6		.86	.46	
Harrisburg, Pa.....	39	11		.63	.32	
Philadelphia, Pa.....	39	12		.72	.37	
New Brunswick, N. J.....	39	10		.90	.81	
Atlantic City, N. J.....	42	7		.84	.52	
Baltimore, Md.....	43	10		.73	.90	
Washington, D. C.....	43	10		.63	.73	
Lynchburg, Va.....	42	13		.64	1.38	
Cape Henry, Va.....	49	10		.84		.26
Norfolk, Va.....	49	10		.74	.76	
Charlotte, N. C.....	49	10		.75	.65	
Raleigh, N. C.....	47	11		.43	.67	
Kittyhawk, N. C.....	50	9		.98	.46	
Hatteras, N. C.....	53			1.19		
Wilmington, N. C.....	54			.56		
Columbia, S. C.....	52	10		.56	.89	
Charleston, S. C.....	56	9		.70		.51
Augusta, Ga.....	53	10		.77	.91	
Savannah, Ga.....	57	9		.55	.03	
Jacksonville, Fla.....	61	7		.56	.27	
Jupiter, Fla.....	70	4		.70	.33	
Key West, Fla.....	72	4		.49	.39	
Gulf States:						
Atlanta, Ga.....	47	7		.89	1.01	
Tampa, Fla.....	64	9		.48		.48
Pensacola, Fla.....	58	2		.91	.43	
Mobile, Ala.....	56	2		.97	.68	
Montgomery, Ala.....	54	4		.95	.19	
Vicksburg, Miss.....	55	0		1.19	.83	
New Orleans, La.....	59	2		.98	1.26	
Shreveport, La.....	54		1	1.16		.71
Fort Smith, Ark.....	48		4	.84	1.03	
Little Rock, Ark.....	50		3	1.21	.42	
Palestine, Tex.....	55		3	1.01	.53	
Galveston, Tex.....	61	3		1.00		.14
San Antonio, Tex.....	56		1	.49		.46
Corpus Christi, Tex.....	61		6	.58		.43
Ohio Valley and Tennessee:						
Memphis, Tenn.....	49		2	1.08	5.16	
Nashville, Tenn.....	47		1	.92	2.81	
Chattanooga, Tenn.....	46	7		.97	.80	
Knoxville, Tenn.....	45	7		.91	1.15	
Louisville, Ky.....	44	2		.94	1.69	
Indianapolis, Ind.....	39	1		.86	.51	
Cincinnati, Ohio.....	42	2		.77	.78	
Columbus, Ohio.....	39	4		.77	.61	
Parkersburg, W. Va.....	41	7		.77	.77	
Pittsburg, Pa.....	37	12		.63	.21	
Lake Region:						
Oswego, N. Y.....	35	8		.77	.55	
Rochester, N. Y.....	35	6		.63		.18
Buffalo, N. Y.....	36	5		.78	.22	
Erie, Pa.....	39	4		.85	.52	
Cleveland, Ohio.....	37	6		.63		.14
Sandusky, Ohio.....	38	3		.64		.19
Toledo, Ohio.....	37	3		.61		.19
Detroit, Mich.....	37	1		.63		.46
Lansing, Mich.....	32	2		.49		.23
Port Huron, Mich.....	34	3		.59		.44
Alpena, Mich.....	31		1	.56	.33	
Sault Ste. Marie, Mich.....	27		3	.56	1.40	
Marquette, Mich.....	29		7	.63	2.96	
Green Bay, Wis.....	28		7	.56	.74	

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

Table of temperature and rainfall, week ended November 30, 1896—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Deficiency.	Normal.	Excess.	Deficiency.
Lake Region—Continued.						
Grand Haven, Mich.....	35		1	.69	.13	
Milwaukee, Wis.....	29	1		.44		.14
Chicago, Ill.....	32	1		.63		.21
Duluth, Minn.....	26		16	.35	.82	
Upper Mississippi Valley:						
St. Paul, Minn.....	27		14	.28	2.95	
La Crosse, Wis.....	31		11	.30	1.32	
Dubuque, Iowa.....	32		7	.49	.39	
Davenport, Iowa.....	35		9	.45		.24
Des Moines, Iowa.....	33		11	.35	.11	
Keokuk, Iowa.....	37		9	.49		.16
Springfield, Ill.....	39		6	.70		.23
Cairo, Ill.....	45		1	.89	.44	
St. Louis, Mo.....	37	2		.70	.53	
Missouri Valley:						
Columbia, Mo.....	40		6	.66	.03	
Springfield, Mo.....	42		7	.80	.57	
Kansas City, Mo.....	39		10	.44	.76	
Wichita, Kans.....	40		6	.21	1.12	
Concordia, Kans.....	38		16	.16	1.62	
Lincoln, Nebr.....	35		17	.18	1.27	
Omaha, Nebr.....	34		17	.21	1.52	
Sioux City, Iowa.....	31		22	.21	1.95	
Yankton, S. Dak.....	31		25	.14	1.27	
Valentine, Nebr.....	34			.07		
Huron, S. Dak.....	26		22	.14	.80	
Pierre, S. Dak.....	28		26	.07	.79	
Moorhead, Minn.....	20		22	.21	1.56	
Bismarck, N. Dak.....	23		28	.14	.88	
Williston, N. Dak.....	22		30	.09	.93	
Rocky Mountain Region:						
Havre, Mont.....	26		40	.14	.55	
Helena, Mont.....	29		35	.21	.45	
Miles City, Mont.....	26		32	.07	.53	
Rapid City, S. Dak.....	34		29	.07	.14	
Spokane, Wash.....	35		25	.42		.02
Walla Walla, Wash.....	41		33	.39	.32	
Baker City, Oreg.....	34		24	.25	.26	
Winnemucca, Nev.....	34		14	.14	.53	
Salt Lake City, Utah.....	37		17	.35	.41	
Lander, Wyo.....	24		24	.14	.46	
Cheyenne, Wyo.....	33		18	.07		.04
North Platte, Nebr.....	33		24	.07	.05	
Denver, Colo.....	37		20	.14		.05
Pueblo, Colo.....	38		24	.07	.20	
Dodge City, Kans.....	38		9	.10	.24	
Oklahoma City, Okla.....	47		10	.48	1.88	
Amarillo, Tex.....	39		8	.13	.18	
Abilene, Tex.....	51		6	.28	.09	
Santa Fe, N. Mex.....	35		5	.20		.06
El Paso, Tex.....	49		3	.07		.03
Phoenix, Ariz.....	55		4	.18	.46	
Pacific Coast:						
Port Angeles, Wash.....	41			1.12		
Port Canby, Wash.....	46		14	2.20		.59
Astoria, Oreg.....	47		16	2.31		.08
Portland, Oreg.....	44		20	1.51		.70
Roseburg, Oreg.....	45		13	1.03		1.01
Eureka, Cal.....	49		7	1.30		.62
Red Bluff, Cal.....	51		8	.94	.00	
Carson City, Nev.....	39		12	.42	.14	
Sacramento, Cal.....	51		7	.67		.08
San Francisco, Cal.....	54		7	.81	.30	
Fresno, Cal.....	52		6	.28	.74	
Los Angeles, Cal.....	59		5	.48	.66	
San Diego, Cal.....	58		3	.32	.56	
Yuma, Ariz.....	60		6	.07		.01

*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 and yellow fever as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 26, 1895, to December 8, 1896.

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
Argentine Republic:				
Buenos Ayres.....	Dec. 21-Dec. 28...	3	.....
Austria-Hungary	Nov. 19-Dec. 2...	43	25	} From outbreak (August 23, 1895) to date 453 cases, 296 deaths.
	Dec. 10-Dec. 30...	21	11	
	Dec. 31-Jan. 27...	16	11	
China:				
Hongkong	Sept. 12-Sept. 19...	.....	2	
Egypt:*				
Alexandria.....	Dec. 24-Dec. 31...	.....	.....
	Dec. 29-Apr. 26...	130	115	
	May 1-May 13...	.....	145	
	May 14-May 20...	.....	162	
	May 19-May 28...	.....	202	
	May 29-June 7...	.....	66	
	June 9-June 14...	.....	15	
	June 15-July 20...	.....	80	
	Aug. 9-Aug. 15...	22	21	
	Aug. 16-Aug. 29...	64	55	
	Aug. 29-Sept. 5...	18	15	
	Sept. 27-Oct. 10...	3	1	
Cairo	Dec. 7-Dec. 11...	1	2	
	Jan. 10-Jan. 11...	1	1	
	May 7-May 20...	.....	138	
	May 19-May 28...	.....	372	
	May 29-June 7...	.....	246	
	June 9-June 14...	.....	109	
	June 15-July 20...	.....	159	
	Aug. 4-Aug. 10...	14	4	
	Aug. 11-Aug. 24...	.....	15	
	Aug. 24-Aug. 31...	.....	46	
	Sept. 1-Sept. 5...	.....	111	
	Sept. 15-Sept. 28...	.....	29	
	Sept. 29-Oct. 5...	.....	2	
India:				
Bombay.....	Nov. 19-Dec. 24...	.....	15	
	Jan. 14-Feb. 4...	.....	8	
	Feb. 18-Feb. 25...	.....	1	
	Mar. 8-Mar. 31...	.....	18	
	Apr. 2-Apr. 28...	.....	33	
	Apr. 28-June 30...	.....	307	
	July 1-Sept. 29...	.....	229	
	Sept. 30-Oct. 6...	.....	2	
	Oct. 20-Nov. 10...	.....	6	
Calcutta.....	Nov. 10-Dec. 28...	.....	332	
	Dec. 28-Jan. 4...	.....	41	
	Jan. 4-Jan. 31...	.....	165	
	Feb. 1-Feb. 29...	.....	200	
	Mar. 1-Apr. 25...	.....	1,809	
	Apr. 25-May 30...	.....	817	
	May 31-June 27...	.....	167	
	June 27-Oct. 31...	.....	138	
Madras.....	June 6-June 13...	.....	3	
	July 4-July 17...	.....	3	
	July 25-July 31...	.....	1	
	Aug. 28-Sept. 26...	.....	43	
	Sept. 26-Nov. 6...	.....	24	
Singapore.....	Mar. 1-Mar. 31...	.....	4	
	July 1-July 31...	.....	7	
Japan:				
Yokohama	Nov. 8-Nov. 15...	1	1	
	June 12-June 19...	1	1	
	June 19-July 3...	3	3	
	Aug. 20-Aug. 26...	3	.....
	Sept. 25-Oct. 17...	.....	9	
Chiba Ken	Jan. 6-Jan. 25...	.....	13	
	Jan. 24-Feb. 16...	23	16	
	July 2-July 11...	1	.....

*To date of October 23, 21,732 cases of cholera, with 18,132 deaths, have been reported throughout Egypt.

Cholera and yellow fever, etc.—Continued.

CHOLERA—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Japan—Continued.				
Ibaraki Ken.....	Jan. 24-Feb. 3...	3	.....
	Feb. 12-Feb. 15...	.....	2	
	July 2-July 11...	2	1	
	July 13-July 21...	2	1	
Fukuoka Ken.....	Feb. 29.....	1	.....
	June 8-July 11...	23	.....
	July 13-July 21...	5	.....
Osaka Fu.....	Apr. 25.....	1	.....
	Apr. 28-May 8...	1	1	
	May 23-May 30...	1	.....
	June 8-June 17...	1	.....
	July 13-July 21...	1	.....
Miyazaki Ken.....	July 2-July 11...	1	1	
Yamanashi Ken.....	June 24-July 13...	3	.....
Saitama Ken.....	June 24-July 3...	1	.....
	July 13-July 21...	1	.....
Okayama Ken.....	June 24-July 11...	4	.....
	July 13-July 21...	1	.....
Nogasaki Ken.....	Aug. 11-Aug. 20...	1	1	
Ishikawa Ken.....	June 24-July 3...	2	.....
Kioto Fu.....	June 17-July 3...	2	1	
	July 13-July 21...	1	1	
Hiogo Ken.....	June 17-July 11...	4	.....
	Aug. 11-Aug. 20...	1	.....
	Sept. 5-Sept. 12...	2	2	
	Sept. 19-Oct. 3...	9	1	
Kagawa Ken.....	June 17-July 21...	3	.....
Kanagawa Ken.....	.....do.....	9	4	
	Aug. 21-Sept. 4...	3	.....
Miyagi Ken.....	June 17-July 3...	2	2	
Shizuoka Ken.....	June 17-July 11...	3	1	
	July 13-July 21...	1	.....
Yamaguchi Ken.....	June 17-July 3...	1	1	
Shimane Ken.....	Apr. 18.....	1	.....
Tokyo Fu.....	Apr. 17.....	1	1	
	June 8-June 17...	4	.....
	June 24-July 11...	31	5	
	July 13-July 21...	10	4	
	Aug. 11-Sept. 23...	26	8	
	Sept. 24-Sept. 30...	1	.....
	Nov. 4-Nov. 15...	65	.....
Gumma Ken.....	June 24-July 3...	1	.....
Kochi Ken.....	.....do.....	1	.....
Tochigi Ken.....	June 24-July 11...	2	.....
Wakayama Ken.....	June 24-July 3...	1	.....
	July 13-July 21...	2	1	
Yamaguchi Ken.....	June 24-July 3...	1	.....
Yehime Ken.....	June 8-July 11...	3	.....
	July 13-July 21...	2	.....
Oyama Ken.....	Aug. 21-Sept. 4...	6	.....
Nagano Ken.....	Sept. 5-Sept. 14...	1	.....
Morocco:				
Casa Blanca.....	Jan. 11.....	.....	.....	Cholera reported.
Mazagan.....	.....do.....	.....	.....	Do.
Stellen.....	Dec. 15.....	.....	13	
Russia:				
Kiev (government).....	Oct. 13-Nov. 11...	156	61	
	Nov. 11-Dec. 21...	52	24	
	Dec. 22-Jan. 11...	10	5	
	Jan. 12-Jan. 25...	12	14	
St. Petersburg (government)	Nov. 17-Dec. 7...	21	.....
	Dec. 8-Dec. 28...	27	11	
	Dec. 29-Jan. 11...	8	8	
	Jan. 12-Jan. 25...	3	.....
	Feb. 1-Feb. 8...	2	.....
Volhynia (government).....	Oct. 13-Nov. 10...	2,297	952	
	Nov. 10-Nov. 30...	609	294	
	Dec. 1-Dec. 14...	104	55	
	Dec. 14-Dec. 28...	24	12	
	Dec. 29-Jan. 11...	.....	1	
Turkey:				
Constantinople.....	Dec. 17-Jan. 15...	3	3	Reports dated January 21, 1896, state "about 1 death per week."
Brenas.....	Jan. 17.....	.....	.....	Cholera reported.
Bitlis and Seert.....	Jan. 15-Jan. 20...	11	7	
Diarbekir.....	Jan. 16.....	.....	.....	Cholera reported in 3 localities.
Gazran.....	Dec. 21-Jan. 14...	67	42	

YELLOW FEVER.

Places.	Date.	Cases.	Deaths.	Remarks.
Argentine Republic :				
Buenos Ayres.....	Mar. 1-Mar. 31.....		5	On vessels from Rio de Janeiro.
	Apr. 1-Apr. 30.....		3	
Brazil :				
Ceara	Nov. 30.....	1	1	
	Dec. 24-Dec. 31.....		4	
	Mar. 1-Mar. 31.....		3	
	July 1-July 31.....		1	
Rio de Janeiro	Nov. 9-Nov. 30.....		43	
	Dec. 1-Dec. 28.....		136	
	Dec. 28-Jan. 11.....		190	
	Jan. 11-Feb. 1.....		382	
	Feb. 1-Feb. 8.....		111	
	Feb. 8-Feb. 29.....		594	
	Mar. 1-Mar. 14.....		468	
	Mar. 14-Mar. 28.....		459	
	Mar. 28-Apr. 11.....		305	
	Apr. 11-June 27.....		376	
	June 27-Aug. 29.....		30	
	Sept. 5-Sept. 19.....		3	
	Sept. 26-Oct. 24.....		5	
Para.....	Nov. 7-Nov. 14.....	3	1	
Nitheroy.....	Apr. 21.....			Yellow fever reported.
Pernambuco	Nov. 1-Nov. 15.....	8		
	Apr. 1-Apr. 30.....		8	
	May 1-May 31.....		2	
Bahia.....	Mar. 31.....			Do.
Sao Paulo.....	.....do.....			Do.
	Jan. 1-Jan. 31.....	5	3	
Araraguara	Apr. 4.....			Do.
Belem.....	.....do.....			Do.
Bicas .....	.....do.....			Do.
Barrado Pirahy .....	.....do.....			Do.
Campinas.....	Apr. 7-May 5.....	115		Do.
Casa Branca.....	May 5.....			Do.
Descalvado.....	Apr. 4.....			Do.
Dores de Pirahy	Apr. 11.....			Do.
Iahu.....	Apr. 4-May 5.....			Do.
Iaboticabal.....	.....do.....			Do.
Limeira.....	.....do.....			Do.
Leopoldina.....	Apr. 11.....			Do.
Parahybuna.....	Apr. 4.....			Do.
Porto Novo.....	Apr. 11.....			Do.
Sao Carlos de Pinhal.....	Apr. 4.....			Do.
San Jose Nepomuceno.....	.....do.....			Do.
Santos.....	Apr. 4-May 5.....			Do.
Parahyba do Sul Valenca.....	.....do.....			Do.
Rio Claro.....	.....do.....			Do.
Sorocaba .....	.....do.....			Do.
Uba	Apr. 11.....			Do.
Valenca.....	Apr. 4.....			Do.
Vassouras.....	.....do.....			Do.
Volta Grande .....	.....do.....			Do.
Cuba: *				
Buena Vista.....	Aug. 1.....			Yellow fever reported epidemic.
Caibarien.....	.....do.....			
Camajuani.....	.....do.....			Do.
Cardenas.....	June 6-June 27.....	13	4	
	June 27-July 25.....	39	14	
	July 25-Aug. 29.....	128	39	
	Aug. 29-Sept. 19.....	104	27	
	Sept. 19-Oct. 24.....		19	
	Oct. 24-Oct. 31.....	34	5	
	Nov. 1-Nov. 7.....	23	2	
	Nov. 7-Nov. 28.....		17	
Cienfuegos	Dec. 8-Dec. 22.....		2	
	Dec. 29-Jan. 19.....		5	
	Feb. 16-Feb. 23.....		1	
	Apr. 19-May 3.....	1	1	
	May 25.....	1		
	June 1-June 7.....	9	2	
	June 14-June 28.....		9	
	June 28-July 26.....		39	
	July 26-Aug. 30.....		45	
	Aug. 30-Oct. 25.....		99	
	Oct. 29-Nov. 22.....		78	

* Official reports of the Spanish army sanitary corps show that 1,835 cases of yellow fever were admitted to the Spanish military hospitals in Cuba during the twenty days ended July 20. During the same period there were in the hospitals 497 deaths from that disease.

Cholera and yellow fever, etc.—Continued.

YELLOW FEVER—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Cuba—Continued.				
Guantanamo.....	July 1-July 31.....	.....	13	
	Sept. 1-Sept. 30.....	.....	6	
	Oct. 1-Oct. 31.....	.....	2	
Habana.....	Nov. 28-Dec. 19.....	40	14	
	Dec. 26-Jan. 2.....	7	3	
	Jan. 2-Mar. 28.....	40	14	In military hospital.
	Apr. 2-Apr. 30.....	.....	13	
	May 1-May 28.....	53	26	
	May 28-June 18.....	59	29	
	June 18-June 25.....	29	9	
	June 25-July 9.....	105	45	
	July 9-July 23.....	115	46	
	July 23-July 30.....	90	40	
	July 31-Aug. 6.....	120	55	
	Aug. 6-Aug. 20.....	303	108	
	Aug. 20-Sept. 3.....	300	131	
	Sept. 3-Sept. 10.....	120	43	
	Sept. 10-Oct. 1.....	257	123	
	Oct. 1-Oct. 8.....	150	54	
	Oct. 8-Oct. 15.....	195	65	
	Oct. 15-Oct. 29.....	345	126	
	Oct. 29-Nov. 5.....	200	70	
	Nov. 5-Nov. 12.....	220	88	
	Nov. 12-Nov. 26.....	480	191	
	Nov. 26-Dec. 3.....	200	72	
Manzanillo.....	Mar. 15-Mar. 31.....	.....	2	
	July 15-July 31.....	.....	8	
	Aug. 1-Aug. 31.....	.....	5	
	Sept. 1-Sept. 15.....	.....	3	
	Oct. 1-Oct. 31.....	.....	1	
	Nov. 1-Nov. 15.....	.....	3	
Matanzas.....	June 17-June 24.....	56	42	
	June 24-July 8.....	124	85	
	July 8-July 29.....	200	134	
	July 29-Sept. 30.....	.....	267	
	Oct. 1-Oct. 28.....	.....	51	
	Oct. 28-Nov. 4.....	.....	15	
	Nov. 11-Nov. 25.....	.....	25	
Placetas.....	Aug. 1.....	.....	.....	Yellow fever reported epidemic.
Remedios.....	do.....	.....	.....	Do.
Santiago.....	Dec. 7-Dec. 21.....	.....	29	
	Dec. 21-Dec. 28.....	.....	12	
	Dec. 28-Jan. 4.....	.....	15	
	Jan. 4-Feb. 15.....	.....	47	
	Feb. 22-Feb. 29.....	.....	15	
	Mar. 1-Apr. 4.....	.....	20	
	Apr. 4-May 30.....	.....	22	
	June 1-June 6.....	.....	2	
	June 6-June 27.....	.....	14	
	June 27-July 4.....	.....	7	
	July 4-Aug. 1.....	.....	71	
	Aug. 8-Oct. 17.....	.....	139	
	Oct. 17-Oct. 24.....	.....	12	
	Oct. 24-Nov. 7.....	.....	20	
	Nov. 14.....	.....	19	
Sagua la Grande.....	Dec. 1-Dec. 21.....	43	3	
	Dec. 25-Jan. 25.....	31	6	
	Feb. 1-Feb. 15.....	8	.....
	Mar. 13-Mar. 20.....	5	.....
	Apr. 4-Apr. 11.....	.....	3	
	May 11-May 18.....	.....	.....	Yellow fever reported.
	May 25-June 6.....	30	.....	Yellow fever reported among troops.
	June 6-June 27.....	171	14	
	July 4-July 18.....	124	15	
	July 18-Aug. 8.....	265	26	
	Aug. 8-Aug. 29.....	230	35	
	Aug. 29-Oct. 3.....	302	50	
	Oct. 3-Oct. 24.....	231	25	
	Oct. 24-Nov. 7.....	228	30	
	Nov. 7-Nov. 14.....	110	10	
	Nov. 21-Nov. 28.....	118	15	
Yaguajay.....	Aug. 1.....	.....	.....	Yellow fever reported epidemic.
Vueltas.....	do.....	.....	.....	Do.
Zulueta.....	do.....	.....	.....	Do.

Cholera and yellow fever, etc.—Continued.

YELLOW FEVER—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Guadeloupe:				
Barre Terre.....	Oct. 1-Oct. 4...	3	2	
Haiti:				
Port au Prince.....	Nov. 4			Yellow fever reported.
	Nov. 2-Nov. 16...			Do.
Martinique:				
Fort de France.....	Aug. 3-Aug. 6...		2	
	Oct. 24-Oct. 26...		3	
St. Pierre.....	Oct. 10.....		1	
Mexico:				
Acapulco.....	July 11-July 18...	1		
Tuxpan.....	Jan. 11-Jan. 25...		4	
Vera Cruz.....	May 21-May 28...	5		
	May 28-June 5...			Yellow fever reported.
	July 29.....	3		
	July 30-Aug. 13...	6		
	Aug. 20-Aug. 27...	1		
Peru:				
Callao.....	Apr. 5.....	2	2	On vessels from Guayaquil.
	Sept. 14.....	1		
Puerto Rico:				
San Juan.....	Nov. 29-Dec. 20...	63	23	
	Dec. 20-Jan. 17...	104	24	
	May 1-May 31...	14	4	
	June 1-June 30...	15	1	
	Sept. 1-Sept. 7...	2	1	
San Salvador.....	Oct. 19.....			Yellow fever reported.
U. S. of Colombia:				
Panama.....	Aug. 15-Aug. 22...	2	1	

Current quarantine measures.

[Translated in this Bureau from the "Veröffentlichungen des Kaiserlichen Gesundheitsamtes," Berlin, November 18, 1896.]

CHOLERA.

ROUMANIA.—Quarantine measures against Egypt were suspended under date of November 6.

TURKEY.—By resolution of the international council of health the twenty-four hours' quarantine against arrivals from Alexandria is replaced, since October 20, by medical inspection in the first port provided with sanitary authorities. The five days' quarantine against arrivals from the port of Suez and the Egyptian ports of the Red Sea is replaced, since October 20, by a twenty-four hours' observation and disinfection at the quarantine lazaretto.

According to advices of November 3, medical inspection of arrivals from the port of Alexandria is no longer in force.

PORTUGAL.—By ministerial order published on November 7, the ports of Port Said, Suez, Alexandria, and Damietta, and all other Egyptian Mediterranean Sea ports are declared clean.

YELLOW FEVER.

DANISH ANTILLES.—Quarantine against arrivals from the Island of Martinique is replaced, since October 2, by medical inspection.

BRAZIL.

*Sanitary reports from Rio de Janeiro.*RIO DE JANEIRO, *November 3, 1896.*

SIR: I have the honor to transmit report for the week ended October 31, 1896:

There were 5 deaths from *accessio pernicioso*, an increase of 1; none from yellow fever, 2 in the foregoing week; none from beriberi and measles, 1 each in the foregoing week, and 56 from tuberculosis, an increase of 4. From all causes there were 261 deaths, an increase of 19.

Yellow fever.—The showing is very good for this disease, with the increase of temperature.

Smallpox.—This disease is not increasing here, but in Pernambuco it still continues without decreasing. I have to report that it also is making great ravages in Parahyba. The hospitals are full to overflowing.

Since last report the following-named ships have been visited or received bills of health from this Office: October 27, steamship *Asiatic Prince*, British, Santos, for New York. October 28, bark *Copeland Island*, Norwegian, for Pensacola, Fla. October 30, ship *Philomen*, British, for New York. October 31, steamship *Galileo*, Belgian, for New York; ship *Juletrae*, Norwegian, for Mobile; ship *Monrovia*, British, for Ship Island, Miss.; bark *Louis*, Norwegian, for Mobile; steamship *Hogarh*, British, from Santos, for New Orleans; steamship *Ethelgonda*, for Galveston, Tex.; bark *Monte Moro*, Italian, for Pensacola, Fla.; bark *Tanjore*, British, for Pensacola, Fla.; bark *D. Pedro II*, American, for Baltimore, Md. November 3, ship *Lord Welsley*, British, for Pensacola, Fla., and bark *Triumpho*, Portuguese, for Brunswick, Ga.

Respectfully, yours,

R. CLEARY, M. D.,
Sanitary Inspector, U. S. M. H. S.

RIO DE JANEIRO, *November 10, 1896.*

SIR: I have the honor to transmit report for week ended November 7, 1896:

There were 3 deaths from *accessio pernicioso*, a decrease of 2; 1 from yellow fever, none in the foregoing week; 3 from smallpox, an increase of 2; 2 from enteric fever, none in the foregoing week; 55 from tuberculosis, a decrease of 1; and 260 from all causes, a decrease of 1.

Yellow fever.—The condition with regard to this disease is very favorable.

Smallpox.—There is an increase this week, both in the number of cases and deaths, but not great enough to cause any serious apprehensions. In the interior towns I believe it to be as at first reported, as we have no news, and an improvement never fails to be reported. In Pernambuco it still continues, and more than 300 cases were at one time in one of the hospitals of that town at the end of last month.

Fevers in Pará.—It is reported here that "fevers of a bad character" are very rife in the cunany region of Pará, where I do not think we have any consular agent.

Since last report the following-named ships have been visited or received bills of health from this office: November 4, bark *Sumerltide*, Norwegian, for Mobile, Ala. November 5, bark *Julius*, Portuguese, for Pensacola, Fla. November 6, bark *Don Quixote*, Norwegian, for Pensacola, Fla. November 7, steamship *Drummond*, British, for Galveston, Tex.; steamship *Drumfell*, British, for Galveston, Tex.; schooner *Rhode*

Island, American, for Barbados, West Indies. November 9, steamship *Biela*, British, for New York; bark *Primus*, Russian, for Darien, Ga.; bark *Lancashire*, Norwegian, for Mobile, Ala.; steamship *Catania*, German, for New York.

Respectfully, yours,

R. CLEARY, M. D.,
Sanitary Inspector, U. S. M. H. S.

CENTRAL AMERICA.

Sanitary report from Panama.

PANAMA, November 21, 1896.

SIR: No epidemic disease such as cholera, smallpox, etc. The official report of deaths submitted may give an idea of the diseases causing deaths during last week.

Neither yellow fever nor smallpox seems to be epidemic here. A young American at the point of death sent for me. I went, and he died, so to speak, in my arms; and with impunity to me, who never had yellow fever. I have had pernicious fever, my family attended me, and mine was the only case in the household. I hold pernicious fever more dangerous than yellow fever—so do most doctors. Health is good in Panama.

Respectfully, yours,

VICTOR VIFQUAIN,
United States Consul.

CUBA.

Smallpox and yellow fever in Cuban seaports.

The United States consul at Sagua la Grande reports 118 cases and 15 deaths from yellow fever during the week ended November 28.

The United States consul at Manzanillo reports 3 deaths from yellow fever during the two weeks ended November 15.

Under date of December 1 the United States consul at Cienfuegos reports that during the week ended November 29 there were in that city 5 deaths from yellow fever and 1 from smallpox.

Under date of November 28 the United States sanitary inspector at Santiago reports that during the week ended November 28 there were 11 deaths from yellow fever.

The United States sanitary inspector at Habana reports 200 new cases and 72 deaths from yellow fever and 50 deaths from smallpox during the week ended December 3.

Under date of December 1 the United States consul at Cardenas reports that during the week ended November 28 there were in that city 30 cases of yellow fever, of which 7 were fatal, 6 cases of smallpox, and 18 cases of typhus.

HABANA, CUBA, December 5, 1896.

SIR: I have the honor to inform you that both yellow fever and smallpox increased very considerably during the past month of November. There were more than one-third more deaths from the former disease in that month than during any previous month of the year, and twenty-five per cent more deaths from smallpox, for the proof of which I would

refer you to the following mortuary report: During the month of November, 1896, there were 1,365 deaths in this city, 378 of which were caused by yellow fever, 198 by smallpox, 57 by enteric fever, 45 by so-called pernicious fever, 13 by paludal fever, 3 by bilious fever, 1 by diphtheria, 53 by dysentery, 46 by enteritis, 1 by the measles, 2 by la grippe, 3 by the glanders, 15 by pneumonia, and 144 by tuberculosis.

During the week ended December 3 there were 296 deaths in the city, 72 of which were caused by yellow fever, with 200 new cases, approximately. Fifty were caused by smallpox, with, approximately, 400 new cases, 11 were caused by enteric fever, 8 by so-called pernicious fever, 3 by paludal fever, 2 by bilious fever, 10 by dysentery, 12 by enteritis, 1 by measles, 5 by pneumonia, and 41 by tuberculosis.

Sixty-seven of the 72 deaths during the week from yellow fever were among Spanish soldiers in the military hospitals of the city, the remaining 5 being among civilians in different parts of the city.

All of the 50 deaths from smallpox, except one, who was a Spanish soldier, occurred among civilians.

As we have been having a mild "norther" since last Wednesday night, it is very probable that yellow fever will soon diminish.

Very respectfully, your obedient servant,

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

SANTIAGO DE CUBA, *November 28, 1896.*

SIR: I have the honor of submitting the following report on the sanitary condition of Santiago de Cuba for the week ended on Saturday, November 28:

Seventy-two deaths were reported during this period, of which 11 were from yellow fever at the military hospital. In the town among the civilians the following deaths were reported: Five from tuberculosis, 8 from remittent fever, 10 from pernicious fever, 12 from enterocolitis, 1 from typhomalaria, 6 from diarrhea, 2 from dysentery, and the rest from noncontagious diseases. The sudden changes in the temperature within the last few days have developed quite an epidemic of lung affections. Broncopneumonia and bronchitis are very common, especially among the children, who die in great numbers. Malarial fevers abound as usual, while diarrhea and intestinal complaints are very frequent.

Respectfully, yours,

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

JAPAN.

Report of infectious diseases in Japan.

YOKOHAMA, *November 16, 1896.*

SIR: In forwarding the inclosed report of infectious diseases in Japan for period November 4 to November 15, I regret to be unable to give the figures of the mortality of the cholera now existing in Tokyo and Yokohama as they are not made public. I am convinced, however, that the death rate is exceedingly high in both places, perhaps not less than eighty per cent.

In my last report, of date November 6, I stated, on what appeared to be reliable authority, that the mortality from choleraic disease in Tokyo

was probably exceedingly small. This, I fear, was a mistake, certainly the reverse is the fact at present.

As regards the outbreak of plague in and about Taipeh, Formosa, the disease is spreading and has invaded the barracks of the Japanese army of occupation, a grave circumstance, strongly favoring its importation into Japan proper.

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

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

Report of infectious diseases in Japan, from November 4 to November 15, 1896.

Locality.	Dysentery.		Smallpox.		Cholera.		Plague.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Kioto Fu.....	32	23	5	1				
Osaka Fu.....	34	16	8	1				
Tokyo Fu.....	57	(*)	72	(*)	65	(†)		
Aichi Ken.....	138	56						
Akita Ken.....	186	47						
Awomori Ken.....	167	39	1					
Chiba Ken.....	43	18	1					
Fukui Ken.....	8	10						
Fukuoka Ken.....	10	4	80	9				
Fukushima Ken.....	1							
Gifu Ken.....	410	162						
Gumma Ken.....	84	15						
Hioo Ken.....	76	13	106	62				
Hiroshima Ken.....	60	26	1					
Ibaraki Ken.....	23	13						
Ishikawa Ken.....	14	17						
Iwate Ken.....	175	42						
Kagawa Ken.....	69	31						
Kagoshima Ken.....	48	16						
Kanagawa Ken.....	72	17	2	1	3	3		
Kochi Ken.....	67	22						
Kumamoto Ken.....								
Miyagi Ken.....	54	18	3	2				
Miyazaki Ken.....	45	6						
Miye Ken.....	306	89						
Nagano Ken.....	77	31						
Nagasaki Ken.....								
Nara Ken.....	9	7						
Niigata Ken.....								
Oita Ken.....								
Oyama Ken.....								
Okinawa Ken.....	2	2	7	16				
Saga Ken.....	1		1					
Saitama Ken.....	200	61	2					
Shidzuoka Ken.....	60	23						
Shiga, Ken.....			1					
Shimane Ken.....	117	41						
Tochigi, Ken.....								
Tokushima Ken.....	9	4	8	1				
Tottori Ken.....	30	10						
Toyama Ken.....	1	2						
Wakayama, Ken.....								
Yamagata Ken.....	29	19						
Yamaguchi Ken.....	63	22	3	2				
Yamanashi Ken.....	89	24	8					
Yehime Ken.....	32	12	1					
The Hokkaido.....	30	10	6					
Taiwan (Formosa).....			†104	†25			37	12
Totals.....	2,928	968	420	120	68	?	37	12

* No report.

† September 11 to October 10.

‡ No report, mortality is very large.

PERSIA.

*Precautions against the importation of the bubonic plague from India.*TEHERAN, PERSIA, *October 26, 1896.*

SIR: In view of the appearance of the plague in Bombay, and the possibility of its moving northwards, it is satisfactory to know that the Persian Government is fully alive to the danger which threatens the south, at least, of their country. Dr. Wishard, the missionary doctor in Teheran, informs me that he attended the meeting of the sanitary council on the 24th instant, at which it was decided that strict quarantine should, under the direction of the doctor of the English residency in Bushire, be established on all the ports on the Persian Gulf. The prime minister has undertaken, by obtaining the permission of the Indian Government, to give effect to this decision.

Persia is not a stranger to the ravages of this disease. In the spring of 1877 it broke out in a most malignant form in Resht, on the Caspian, and by the autumn of the same year, when it disappeared, some thousands had died. So far as I can remember it was confined to the town and the neighboring districts. By what means it reached this place was never ascertained, but it was surmised that pilgrims from the holy places beyond Bagdad imported it in clothing. Since that time Persia has escaped the scourge, although I have reason to believe that it appeared in Bagdad after that year. During the early part of my residence in Persia it was no unusual occurrence in that city, where it committed great destruction of life; but for many years nothing has been heard of it.

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

JOHN TYLER,

Vice Consul-General in Charge.

HON. ASSISTANT SECRETARY OF STATE.

TURKEY.

Sanitary report from Constantinople.

[Report 163.]

CONSTANTINOPLE, *November 18, 1896.*

SIR: The sanitary news from the different provinces of the Turkish Empire is good. Only the province of Lebanon is to be excepted. Diphtheria still exists in this latter province according to official news.

In Constantinople we have to deal with nearly all the infectious diseases which we have to state do not prove very fatal. According to the death returns of the month of October, 30 deaths have been registered from smallpox, 25 from diphtheria, 21 from typhoid fever, 14 from scarlet fever, and 6 from measles. It is impossible to state how many per cent the above-mentioned deaths represent. It is a fact that there are many and many cases observed of the above-mentioned infectious diseases which recover.

The Russian sanitary representative has made, as reported in my previous reports, complaints on the wretched condition of the prisoners, and has proposed the appointment of a commission the duty of which would be to inspect the different prisons of Constantinople. By a *tezkeré* of the Grand Vizier the Turkish Government declares that such

an inspection can not be done by the sanitary representatives, members of the sanitary board.

I have the honor to forward to the Department a copy of the proceedings of the international sanitary commission concerning the body of the late consul of the United States of America, who died in Beirut from smallpox.

According to the late sanitary news from Bombay [official reports], during the week ended the 10th of November 70 cases of bubonic plague have been registered.

SPIRIDION C. ZAVITZIANO.

STATISTICAL REPORTS.

ARGENTINE REPUBLIC—*Buenos Ayres*.—Month of September, 1896. Estimated population, 697,418. Total deaths, 1,226, including smallpox, 7; enteric fever, 9; scarlet fever, 4; diphtheria, 15; measles, 3, and whooping cough, 9.

BAHAMAS—*Dunmore Town*.—Two weeks ended November 20, 1896. Estimated population, 1,472. Total deaths, 4. No deaths from contagious diseases.

Governors Harbor.—Two weeks ended November 21, 1896. Estimated population, 1,500. One death. No death from contagious disease.

Green Turtle Cay—Abaco.—Two weeks ended November 19, 1896. Estimated population, 3,900. No deaths.

CANADA—*Ontario—Hamilton*.—Month of November, 1896. Estimated population, 50,000. Total deaths, 50, including phthisis pulmonalis, 5, and diphtheria, 1.

CUBA—*Manzanillo*.—Two weeks ended October 31, 1896. Estimated population, 14,000. Total deaths, 32, including yellow fever, 1; typhus fever, 4, and enteric fever, 8.

FRANCE—*St. Etienne*.—Two weeks ended November 20, 1896. Estimated population, 135,784. Total deaths, 119, including 1 from enteric fever.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 33 great towns of England and Wales during the week ended November 21 correspond to an annual rate of 21.3 a thousand of the aggregate population, which is estimated at 10,846,971. The highest rate was recorded in Preston, viz, 33.4, and the lowest in Leicester, viz, 13.1 a thousand.

London.—One thousand six hundred and eighty-eight deaths were registered during the week, including measles, 11; scarlet fever, 20; diphtheria, 59; whooping cough, 21; enteric fever, 18, and diarrhea and dysentery, 11. The deaths from all causes correspond to an annual rate of 19.9 a thousand. In greater London 2,210 deaths were registered, corresponding to an annual rate of 18.7 a thousand of the population. In the "outer ring" the deaths included 19 from diphtheria, 7 from measles, 8 from whooping cough, and 6 from scarlet fever.

Ireland.—The average annual death rate represented by the deaths registered during the week ended November 21 in the 16 principal town

districts of Ireland was 25.5 a thousand of the population. The lowest rate was recorded in Lurgan, viz, 4.6, and the highest in Sligo, viz, 40.6 a thousand. In Dublin and suburbs 198 deaths were registered, including scarlet fever, 7; enteric fever, 1; whooping cough, 3, and typhus fever, 1.

Scotland.—The deaths registered in 8 principal towns during the week ended November 21 correspond to an annual rate of 21.1 a thousand of the population, which is estimated at 1,518,347. The lowest mortality was recorded in Leith, viz, 15.4, and the highest in Perth, viz, 29.1 a thousand. The aggregate number of deaths registered from all causes, was 615, including scarlet fever, 7; diphtheria, 4; measles, 37, and whooping cough, 7.

JAMAICA.—Week ended November 14, 1896. Estimated population, 580,804. Total number of deaths not reported. One death from enteric fever.

NOVA SCOTIA—Windsor.—Month of November, 1896. Estimated population, 3,000. Total deaths, 6, including 2 from phthisis pulmonalis.

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. 14.	111,770	39						1	1		1
Amapala.....	Oct. 31.	1,500	0									
Do.....	Nov. 7.	1,500	0									
Do.....	Nov. 14.	1,500	1					1				
Amherstburg.....	Nov. 28.	2,300	0									
Amsterdam.....	Nov. 21.	492,387	144									
Belfast.....	do.	277,354	135					4	3	1	3	
Belize.....	Nov. 27.	13,000	8									
Belleville.....	Nov. 23.	10,459	2					1				
Do.....	Nov. 30.	10,459	3									
Birmingham.....	Nov. 21.	501,241	229					4	3	8	4	2
Bologna.....	do.	148,224	80					5				
Bombay.....	Nov. 3.	821,764	* 668	1		2					5	
Do.....	Nov. 10.	821,764	† 623	1		1					1	
Bradford.....	Nov. 21.	221,610	87					1	1	1	7	
Bristol.....	do.	230,623	89					1				5
Brussels.....	Nov. 14.	507,985	217							3	2	1
Budapest.....	Nov. 18.	550,000					1			5	2	
Calcutta.....	Oct. 24.	681,560	396	6					1	1		2
Do.....	Oct. 31.	681,560	365	5								
Callao.....	do.	25,000	28			3	1					1
Do.....	Nov. 8.	25,000	23			2						
Cardiff.....	Nov. 21.	162,690	82					1	1	4	1	
Catania.....	Nov. 17.	120,000	66					3				
Chatham.....	Dec. 1.	9,052	4									
Christiania.....	Nov. 21.	182,856	75					5		2		2
Coaticook.....	Nov. 28.	2,500	0									
Cognac.....	Nov. 21.	21,400	5									
Cologne.....	Nov. 14.	328,592	109						1	2		4
Colombo.....	Oct. 24.	130,000	92					1				
Do.....	Oct. 31.	130,000	68					1				
Corunna.....	Nov. 7.	32,113	29									
Do.....	Nov. 14.	32,113	37								2	
Do.....	Nov. 21.	32,113	28			1				2	3	
Crefeld.....	Nov. 14.	108,000	50							1		
Demerara.....	Oct. 3.	53,176	42									
Do.....	Oct. 10.	53,176	30									
Do.....	Oct. 17.	53,176	31									
Do.....	Oct. 24.	53,176	57									
Do.....	Oct. 31.	53,176	59									
Dresden.....	Nov. 7.	345,760	115						1	5	2	1
Do.....	Nov. 14.	345,760	126						1	1	3	3
Dublin.....	Nov. 21.	350,000	198				1	2	6			
Dundee.....	do.	161,620	60					1	1	1		
Dusseldorf.....	Nov. 14.	182,529	54							4		1
Edinburgh.....	Nov. 21.	276,514	98						2	1		4
Flushing.....	do.	16,300	5									
Frankfort on the Main.....	do.	234,000	72							1	2	4
Funchal.....	Nov. 14.	35,660	18									
Ghent.....	Nov. 21.	157,214	70							1		
Gibraltar.....	Nov. 15.	25,800	12									
Girgenti.....	Nov. 14.	24,428	7									
Glasgow.....	Nov. 21.	705,052	319					3	2	1	33	2
Gothenburg.....	Nov. 14.	114,527	30					2		3		1
Guayaquil.....	Oct. 30.	50,000	50					23	1		1	
Do.....	Nov. 6.	50,000	43			1		23				
Halifax.....	Nov. 28.	38,700	12							1		
Hamburg.....	Nov. 14.	625,552	177					1				5
Hongkong.....	Oct. 24.	† 232,662										
Honolulu.....	Nov. 14.	28,000	12									
Iquique.....	Oct. 3.	33,106	25									
Do.....	Oct. 10.	33,106	31									
Do.....	Oct. 17.	33,106	41									
Do.....	Oct. 24.	33,106	38									
Do.....	Oct. 31.	33,106	24									
Kingston, Canada.....	Dec. 4.	18,087	6									
Kingston, Jamaica.....	Nov. 14.	34,314						1				
Königsberg.....	Nov. 21.	171,700							1	5		
Leeds.....	do.	402,449	177					1		1	3	3
Leith.....	do.	74,110	22						1	1		1

* Forty-nine deaths from bubonic plague.

† Fifty-one deaths from bubonic plague.

‡ Three deaths from plague.

MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—							
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Licata.....	Nov. 14.....	20,000	24			4	2	2			
Liverpool.....	Nov. 21.....	641,063	356				2	6	7	1	8
Livingston, Guatemala.....	do.....	1,500	0								2
London, Canada.....	Nov. 28.....	34,439	5								
London, England.....	Nov. 21.....	6,178,376	2,210					24	26	78	18
Madras.....	Oct. 30.....	452,518	309	2							4
Do.....	Nov. 6.....	452,518	351	2							3
Madrid.....	Nov. 18.....	482,816	429		79			15	2	1	6
Magdeburg.....	Oct. 31.....	216,101	89							1	5
Mancheste.....	Nov. 21.....	531,697	283					2	4	1	9
Mannheim.....	Nov. 14.....	92,500	29							2	1
Maracaibo.....	Nov. 21.....	50,000	12								
Matamoras.....	Nov. 28.....	12,000	5								
Matanzas.....	Nov. 25.....	55,000	59	11				5		1	1
Mayence.....	Nov. 21.....	74,917	28							1	1
Messina.....	do.....	107,000	23					3			
Montevideo.....	Oct. 24.....	245,488	78								1
Moscow.....	Nov. 14.....	800,000	426				10	1	16	11	5
Munich.....	Nov. 7.....	406,000	184							6	
Naples.....	do.....	542,396	144					11			
Do.....	Nov. 14.....	542,396	186					10			
Newcastle on Tyne.....	Nov. 21.....	212,223	74					1		1	1
Nogales.....	Nov. 28.....	1,580	0								
Nuremberg.....	Nov. 7.....	167,973	52							2	4
Odesa.....	Nov. 14.....	353,000	185		4			5	34	2	1
Ossaka and Hiogo.....	Oct. 17.....	161,120	172		48			10			
Do.....	Oct. 24.....	161,120	155		45			7			
Do.....	Oct. 31.....	161,120	185		56			6			
Palermo.....	Nov. 14.....	273,000	90							1	
Plymouth.....	Nov. 21.....	89,686	44								5
Port Antonio.....	Nov. 14.....		0								
Prague.....	do.....	197,634	117							2	1
Puerto Cortes.....	Nov. 25.....	1,870	0								
Quebec.....	Nov. 28.....	70,000	0							5	
Rio de Janeiro.....	Oct. 31.....	650,000	261		1						
Do.....	Nov. 7.....	650,000	260	1	3			2			
Rotterdam.....	Nov. 21.....	284,573	102						1	2	1
Sagua la Grande.....	do.....	17,536	28	11							
St. Petersburg.....	Nov. 14.....	1,013,000	487				1	23	16	29	2
St. Stephens.....	Nov. 28.....	3,000	0								6
San Juan del Norte.....	Nov. 7.....	1,280	1								
Do.....	Nov. 14.....	1,280	0								
San Pedro.....	Nov. 21.....	3,800	0								
Schiedam.....	do.....	26,233	12								
Sheffield.....	do.....	350,154	121					1	3	1	1
Southampton.....	do.....	94,093	34								
Stettin.....	Nov. 14.....	140,000	4					1	1		
Stockholm.....	do.....	267,000	75						1	1	1
Stuttgart.....	Nov. 19.....	158,378	46					1		1	
Sunderland.....	Nov. 21.....	140,386	103					4	3		1
Teguicigalpa.....	Nov. 14.....	12,000	3								
Trapani.....	do.....	43,095	10								
Trieste.....	do.....	158,314	66					2		4	
Tuxpan.....	do.....	10,280	13		4						
Venice.....	do.....	161,938	64							1	
Vera Cruz.....	Nov. 26.....	30,000			2						
Warsaw.....	Nov. 7.....	553,643	244		10		1		27	13	5
Zurich.....	Nov. 14.....	150,000	37								4

By authority of the Secretary of the Treasury :

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