

Public Health Reports

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

VOL. XII. WASHINGTON, D. C., JANUARY 15, 1897. No. 3.

UNITED STATES.

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

*Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 29, 1896, to January 14, 1897.**

Places.	Date.	Cases.	Deaths.	Remarks.
Alabama: Mobile	Dec. 28	1 .....	.....

* For table of smallpox in the United States, etc., May 9, 1896, to December 29, 1896, see PUBLIC HEALTH REPORTS, Vol. XII, No. 1.

Report of immigration at Boston for the week ended January 9, 1897.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Boston, January 9, 1897.

Number of alien immigrants who arrived at this port during the week ended January 9, 1897; also names of vessels and ports from which they arrived.

Date.	Vessel.	Where from.	No. of immigrants.
1897.			
Jan. 3	Steamship Boston	Yarmouth, Nova Scotia.....	91
Jan. 4	Steamship Cheruskia.....	Hamburg, Germany	36
Jan. 6	Steamship Galileo.....	London, England.....	1
Jan. 7	Schooner Danzella.....	Bridgewater, Nova Scotia.....	1
Do....	Steamship Boston.....	Yarmouth, Nova Scotia.....	46
Do....	Steamship Halifax.....	Halifax, Nova Scotia.....	50
Jan. 8	Schooner Caritia	Lunenburg, Nova Scotia	1
	Total.....	.....	226

THOMAS F. DELHANTY,
Commissioner of Immigration.

*Report of immigration at New York for the week ended January 9, 1897.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of New York, January 11, 1897.**Number of alien immigrants who arrived at this port during the week ended January 9, 1897;
also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
1897.			
Jan. 4	Steamship La Normandie.....	Havre.....	86
Do....	Steamship Aurania.....	Liverpool and Queenstown.....	53
Do....	Steamship Olympia.....	Naples.....	284
Jan. 5	Steamship Furnessia.....	Glasgow.....	17
Jan. 6	Steamship Sicilia.....	Hamburg.....	62
Do....	Steamship Stuttgart.....	Bremen.....	81
Do....	Steamship Phoenicia.....	Hamburg.....	92
Do....	Steamship Obdam.....	Rotterdam.....	77
Jan. 7	Steamship Majestic.....	Liverpool and Queenstown.....	53
Do....	Steamship Southwark.....	Antwerp.....	65
Do....	Steamship Alesia.....	Marseilles and Naples.....	158
Jan. 8	Steamship Spree.....	Bremen.....	79
Jan. 9	Steamship Chateau Lafite.....	Bordeaux.....	76
	Total.....		1,188

Dr. J. H. SENNER,
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.
Brunswick, Ga.....	Dec. 26	Nor. bk. Paragon *.....	Dec. 18	Pernambuco ..	Brunswick ...	Disinfected and held.....	Dec. 26		3
Del. Breakwater, Del.....	Jan. 2	Port. bk. Triumpho *.....	.....do.....	Rio .....	.....do.....	.....do.....	.....do.....		3
Gulf, Ship Island, Miss.....	Jan. 9	Sp. bk. Galofre.....	Dec. 30	Habana .....	.....do.....	.....do.....	Jan. 2		9
Port Townsend, Wash.....	Jan. 2	.....	.....	.....	.....	.....	.....	40 pieces of Chinese baggage disinfected.	6
Reedy Island, Del.....	.....do.....	.....	.....	.....	.....	.....	.....	.....	9
San Diego, Cal.....	Jan. 9	.....	.....	.....	.....	.....	.....	.....	19
San Francisco, Cal.....	Jan. 2	.....	.....	.....	.....	.....	.....	.....	2
South Atlantic, Sapelo Island, Ga.....	.....do.....	.....	.....	.....	.....	.....	.....	.....	24
Southport, N. C.....	.....do.....	.....	.....	.....	.....	.....	.....	.....	.....
Fortugas, Key West, Fla.....	Dec. 26	.....	.....	.....	.....	.....	.....	.....	.....
Washington, N. C.....	Jan. 2	Am. sc. Champion.....	Jan. 1	Habana	Key West	Disinfected and held.....	.....	.....	2
	.....do.....	.....	.....	.....	.....	.....	.....	.....	1

* Previously reported.

Reports of States and yearly and monthly reports of cities.

CONNECTICUT—*Hartford*.—Month of December, 1896. Estimated population, 72,000. Total deaths, 94, including scarlet fever, 2; croup and diphtheria, 5; enteric fever, 2, and phthisis pulmonalis, 7.

GEORGIA—*Columbus*.—Month of December, 1896. Estimated population, 19,303—white, 10,276; colored, 9,027. Total deaths, 26—white, 8; colored, 16, including 3 from phthisis pulmonalis.

INDIANA—*Evansville*.—Month of December, 1896. Estimated population, 65,000. Total deaths, 34, including diphtheria and croup, 2; enteric fever, 1, and phthisis pulmonalis, 6.

MASSACHUSETTS—*Newton*.—Month of December, 1896. Estimated population, 27,590. Total deaths, 38, including diphtheria, 2; enteric fever, 1, and phthisis pulmonalis, 4.

North Attleboro.—Month of December, 1896. Estimated population, 6,750. Total deaths, 12. No deaths from contagious diseases.

MICHIGAN.—Reports to the State Board of Health, Lansing, from 68 observers, indicate that during the week ended January 2, 1897, pneumonia, pleuritis, and intermittent fever increased, and that diphtheria decreased in area of prevalence. Phthisis pulmonalis was reported present during this period at 190 places, diphtheria at 52, scarlet fever at 49, enteric fever at 33, measles at 22, and whooping cough at 19 places.

MINNESOTA—*Winona*.—Month of December, 1896. Estimated population, 22,000. Total deaths, 27, including whooping cough, 5, and phthisis pulmonalis, 2.

NEW HAMPSHIRE—*Concord*.—Month of December, 1896. Estimated population, 19,000. Total deaths, 13, including diphtheria, 1, and phthisis pulmonalis, 2.

OHIO.—Four weeks ended December 26, 1896. Reports to the State board of health, Columbus, from 86 cities and towns having an aggregate estimated population of 1,246,492, show that 95 deaths from diphtheria and membranous croup, 3 from scarlet fever, and 3 from whooping cough occurred during that period.

Dayton.—Month of December, 1896. Estimated population, 85,000. Total deaths, 68, including diphtheria, 6; enteric fever, 1; membranous croup, 2, and phthisis pulmonalis, 8.

Toledo.—Month of December, 1896. Estimated population, 137,780. Total deaths, 117, including diphtheria and membranous croup, 9; enteric fever, 4, and phthisis pulmonalis, 14.

PENNSYLVANIA—*Williamsport*.—Month of December, 1896. Estimated population, 35,000. Total deaths, 22, including enteric fever, 1; diphtheria, 1, and phthisis pulmonalis, 2.

TENNESSEE—*Memphis*.—Month of December, 1896. Estimated population, 55,923—white, 28,064; colored, 27,859. Total deaths, 123—white, 53; colored, 70, including enteric fever, 2; diphtheria, 1; whooping cough, 2, and phthisis pulmonalis, 19.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—												
				Pneumonia.	Yellow fever.	Smallpox.	Varicoid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.		
Allegheny, Pa.....	Dec. 19....	105, 287	22	3						1						
Do.....	Dec. 26....	105, 287	31	2												2
Do.....	Jan. 1.....	105, 287	34	4						1			1			
Do.....	Jan. 9.....	105, 287	37	1						1			1			
Altoona, Pa.....	Jan. 2.....	30, 337	12	1									2			1
Amesbury, Mass.....	Jan. 9.....	9, 798	3	1												
Ashabula, Ohio.....	do.....	8, 338	3							1						
Baltimore, Md.....	do.....	434, 439	191	22						3		1	9			
Battle Creek, Mich.....	do.....	13, 197	7													
Bennington, Vt.....	Jan. 2.....	6, 391	1													
Do.....	Jan. 9.....	6, 391	5													
Binghamton, N. Y.....	do.....	35, 005	15	1												1
Boston, Mass.....	do.....	448, 477	222	34								4	9	2		1
Bristol, R. I.....	do.....	5, 478	5								4					
Brockton, Mass.....	Jan. 2.....	27, 294	8													
Brooklyn, N. Y.....	Jan. 9.....	806, 343	389	32								2	5	34	5	3
Butler, Pa.....	do.....	8, 734	3													
Cambridge, Mass.....	do.....	70, 028	22	2										1		
Carlisle, Pa.....	do.....	7, 620	6							1						
Charleston, S. C.....	Dec. 26....	* 54, 955	† 28	7												
Do.....	Jan. 2.....	* 54, 955	† 52	6												
Chicago, Ill.....	do.....	1, 099, 850	451	36						11		1	23	4		2
Cincinnati, Ohio.....	Jan. 8.....	296, 908	133	2						3		1	3			
Cleveland, Ohio.....	Jan. 9.....	261, 353	73	9						1			1			
Columbus, Ind.....	do.....	6, 719	0													
Columbus, Ohio.....	do.....	88, 150	30	2						2						
Concord, N. H.....	Jan. 2.....	17, 044	3													
Dayton, Ohio.....	Jan. 7.....	61, 220	24	4								1		2		
Dedham, Mass.....	Jan. 2.....	7, 123	2	2												
Do.....	Jan. 9.....	7, 123	2													
Dunkirk, N. Y.....	do.....	9, 416	1													
Emporia, Kans.....	Jan. 2.....	7, 551	2													
Do.....	Jan. 9.....	7, 551	0													
Everett, Mass.....	Jan. 8.....	11, 068	6	1						1			2			
Fall River, Mass.....	Jan. 9.....	74, 398	41	5												
Gloucester, Mass.....	Jan. 2.....	24, 651	3													
Grand Rapids, Mich.....	do.....	60, 278	19									1				1
Haverhill, Mass.....	Jan. 9.....	27, 412	6	1									1			
Hoboken, N. J.....	Jan. 2.....	43, 648	21	3												
Jacksonville, Fla.....	do.....	17, 201	15	6												
Do.....	Jan. 9.....	17, 201	12	4												
Jersey City, N. J.....	Jan. 3.....	163, 003	62	11						1						
Johnstown, Pa.....	Jan. 9.....	21, 805	7									1	7			
Lowell, Mass.....	do.....	77, 696	31	3												
Lynchburg, Va.....	do.....	19, 709	7							1			1			
Manchester, N. H.....	Jan. 2.....	44, 126	30	5												2
McKeesport, Pa.....	do.....	20, 741	7										7			
Do.....	Jan. 9.....	20, 741	14													
Medford, Mass.....	do.....	11, 079	3										1			
Melrose, Mass.....	Jan. 2.....	8, 519	2													
Memphis, Tenn.....	Jan. 9.....	64, 495	30	8						2						
Milwaukee, Wis.....	do.....	204, 468	89	2												
Minneapolis, Minn.....	Jan. 2.....	164, 738	59	8									8	3		
Mobile, Ala.....	Jan. 9.....	31, 076	23	5									3			
Nashville, Tenn.....	do.....	76, 168	40	10												
New Bedford, Mass.....	do.....	40, 733	28	2						1						
New Brighton, N. Y.....	Dec. 5.....	16, 423	7													
Do.....	Dec. 12....	16, 423	7	1												
Do.....	Dec. 19....	16, 423	7	1									2			
Do.....	Dec. 26....	16, 423	7	1												
Do.....	Jan. 2.....	16, 423	11	1									1			
Newburyport, Mass.....	do.....	13, 947	10	2												
New Haven, Conn.....	Jan. 7.....	81, 298	29	2												
New Orleans, La.....	Jan. 2.....	242, 039	153	19								5	5	1		1
Newton, Mass.....	Jan. 9.....	24, 379	8	1												
Newport, R. I.....	do.....	19, 457	5													
New York, N. Y.....	do.....	1, 515, 301	738	99						7	11	31	8			2
Norristown, Pa.....	Jan. 2.....	19, 791	9													
Do.....	Jan. 9.....	19, 791	5													
North Adams, Mass.....	do.....	16, 074	10													
Oneonta, N. Y.....	do.....	6, 272	5													

* Estimated population, white, 28,870; colored, 36,295. Total, 65,165. † White, 9; colored, 29. White, 21; colored, 31.

MORTALITY TABLE, CITIES OF THE UNITED STATES—Continued.

Cities.	Week ended.	Population, U. S. Census of 1900.	Total deaths from all causes.	Deaths from—														
				Pneumonia.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.				
Palmer, Mass.....	Jan. 2....	6,520	3															
Pensacola, Fla.....	do.....	11,750	4															
Do.....	Jan. 9....	11,750	6															
Philadelphia, Pa.....	do.....	1,046,964	513	64						17	1	24						9
Portland, Me.....	do.....	36,425	15	1						1		2						
Poughkeepsie, N. Y.....	Jan. 2....	22,206	7	1														
Do.....	Jan. 9....	22,206	3															
Providence, R. I.....	do.....	132,146	68	11								2						
Pueblo, Colo.....	Jan. 2....	24,558	3									1						
Reading, Pa.....	Jan. 11....	58,661	28	3						1								
St. Louis, Mo.....	Jan. 2....	451,770	179	25						1		7						1
Salt Lake City, Utah ..	do.....	44,848	15	1							1							
San Diego, Cal.....	do.....	16,159	3															
Santa Barbara, Cal.....	do.....	5,864	3	1						1								
Scranton, Pa.....	Jan. 9....	75,215	47	4								4						
Seattle, Wash.....	Jan. 2....	42,837	7	1														
Shreveport, La.....	do.....	11,979	10	2						1								
Stockton, Cal.....	Jan. 9....	42,424	4															
Taunton, Mass.....	do.....	25,448	12	2														
Utica, N. Y.....	Jan. 2....	44,007	26	4								2						
Do.....	Jan. 9....	44,007	11	2								1						
Waltham, Mass.....	do.....	18,707	4															
Warren, Ohio.....	do.....	5,973	1															
Wilmington, Del.....	do.....	61,431	21															
Winona, Minn.....	Jan. 2....	18,208	13															2
Woburn, Mass.....	do.....	13,499	11															
Worcester, Mass.....	Jan. 1....	84,635	34	1								5		3				
Yonkers, N. Y.....	Jan. 11....	32,033	11	1								1						
Youngstown, Ohio.....	Jan. 9....	33,220	13							2	1	1						

Table of temperature and rainfall, week ended January 4, 1897.

[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.....	23	9		.84		.84
Portland, Me.....	22	11		.77		.77
Northfield, Vt.....	18	12		.74		.74
Boston, Mass.....	29	10		.81		.81
Vineyard Haven, Mass.....	32	8		.70		.70
Nantucket, Mass.....	33	6		.91		.91
Woods Hole, Mass.....	31	6		.81		.81
Block Island, R. I.....	34	5		.91		.91
New Haven, Conn.....	29	2		.89		.87
Albany, N. Y.....	26	7		.60		.60
New York, N. Y.....	33	5		.81		.74
Harrisburg, Pa.....	29	10		.74		.70
Philadelphia, Pa.....	33	7		.71		.70
New Brunswick, N. J.....	33	5		1.00		.94
Atlantic City, N. J.....	34	6		.91		.86
Baltimore, Md.....	36	7		.77		.58
Washington, D. C.....	35	8		.74		.71
Lynchburg, Va.....	36	13		.81		.64
Cape Henry, Va.....	39	5		.91		.91
Norfolk, Va.....	40	8		.84		.78
Charlotte, N. C.....	39	11		1.09		.85
Raleigh, N. C.....	41	8		.71		.52
Kittyhawk, N. C.....	41			1.03		
Hatteras, N. C.....	44	5		1.30		1.06
Wilmington, N. C.....	45	8		.81		.72
Columbia, S. C.....	46	7		.81		.71
Charleston, S. C.....	48	9		.86		.65
Augusta, Ga.....	48	8		.82		.75
Savannah, Ga.....	49	10		.73		.29
Jacksonville, Fla.....	52	10		.70		.51
Jupiter, Fla.....	67	4		.74		.74
Key West, Fla.....	69			.41		
Gulf States:						
Atlanta, Ga.....	42	10		1.15		.84
Tampa, Fla.....	61	6		.59		.51
Pensacola, Fla.....	54	4		.95		.75
Mobile, Ala.....	52	6		1.09		.03
Montgomery, Ala.....	49	8		1.16		.69
Vicksburg, Miss.....	45	12		1.16	1.28	
New Orleans, La.....	54	4		1.08	1.27	
Shreveport, La.....	44	13		1.05	2.39	
Fort Smith, Ark.....	39	10		.63	3.46	
Little Rock, Ark.....	41	11		.98	5.04	
Palestine, Tex.....	43	12		.91	2.14	
Galveston, Tex.....	54	4		.85	.83	
San Antonio, Tex.....	52	6		.42	.07	
Corpus Christi, Tex.....	50	12		.43		.81
Ohio Valley and Tennessee:						
Memphis, Tenn.....	37	14		1.16	.99	
Nashville, Tenn.....	38	13		.95		.18
Chattanooga, Tenn.....	39	13		1.24		.68
Knoxville, Tenn.....	38	10		1.09		.79
Louisville, Ky.....	33	19		.84		.15
Indianapolis, Ind.....	29	17			.73	
Cincinnati, Ohio.....	33	16		.77		.12
Columbus, Ohio.....	30	19		.70		.04
Parkersburg, W. Va.....	33	15		.70		.30
Pittsburg, Pa.....	31	15		.70		.36
Lake Region:						
Oswego, N. Y.....	26	13		.71		.52
Rochester, N. Y.....	26	17		.70		.36
Buffalo, N. Y.....	27	16		.70		.46
Erie, Pa.....	30			.70		
Cleveland, Ohio.....	28	18		.56		.14
Sandusky, Ohio.....	28	17		.49		.23
Toledo, Ohio.....	28	17		.49		.24
Detroit, Mich.....	28	16		.52		.15
Lansing, Mich.....	25	18		.42	2.38	
Port Huron, Mich.....	24	17		.49	.39	
Alpena, Mich.....	20	18		.56	1.20	
Sault Ste. Marie, Mich.....	17	15		.42	2.06	
Marquette, Mich.....	19			.49		
Green Bay, Wis.....	18	19		.56	.56	
Grand Haven, Mich.....	26	17		.62	2.73	

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

Table of temperature and rainfall, week ended January 4, 1897—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Defic'ncy.	Normal.	Excess.	Deficiency.
Lake Region—Continued.						
Milwaukee, Wis.....	21	21	.....	.49	1.44	.....
Chicago, Ill.....	26	17	.....	.49	2.03	.....
Duluth, Minn.....	12	15	.....	.28	.45	.....
Upper Mississippi Valley:						
St. Paul, Minn.....	13	15	.....	.28	.88	.....
La Crosse, Wis.....	18	17	.....	.32	.13	.....
Dubuque, Iowa.....	20	20	.....	.39	.87	.....
Davenport, Iowa.....	22	20	.....	.39	1.75	.....
Des Moines, Iowa.....	20	15	.....	.32	.72	.....
Keokuk, Iowa.....	23	18	.....	.42	3.25	.....
Springfield, Ill.....	28	17	.....	.52	3.51	.....
Cairo, Ill.....	35	16	.....	.77	1.20	.....
St. Louis, Mo.....	31	17	.....	.50	1.97	.....
Missouri Valley:						
Columbia, Mo.....	34	11	.....	.42	5.00	.....
Springfield, Mo.....	33	11	.....	.59	4.95	.....
Kansas City, Mo.....	29	10	.....	.28	1.45	.....
Wichita, Kans.....	31	8	.....	.21	.55	.....
Concordia, Kans.....	27	10	.....	.14	.48	.....
Lincoln, Nebr.....	23	10	.....	.14	.59	.....
Omaha, Nebr.....	21	9	.....	.21	.41	.....
Sioux City, Iowa.....	22	3	.....	.21	.63	.....
Yankton, S. Dak.....	18	6	.....	.10	.53	.....
Valentine, Nebr.....	19	10	.....	.12	.56	.....
Huron, S. Dak.....	12	6	.....	.12	1.92	.....
Pierre, S. Dak.....	13	10	.....	.14	.40	.....
Moorhead, Minn.....	4	8	.....	.14	.92	.....
Bismarck, N. Dak.....	7	5	.....	.14	.59	.....
Williston, N. Dak.....	5	5	.....	.14	.08	.....
Rocky Mountain Region:						
Havre, Mont.....	8	13	.....	.16	.....	.16
Helena, Mont.....	19	9	.....	.25	.....	.13
Miles City, Mont.....	15	7	.....	.07	.01	.....
Rapid City, S. Dak.....	25	4	.....	.07	.....	.07
Spokane, Wash.....	27	7	.....	.63	.43	.....
Walla Walla, Wash.....	34	4	.....	.56	.....	.07
Baker City, Oreg.....	25	6	.....	.35	.....	.14
Winnemucca, Nev.....	29	0	.....	.28	.....	.20
Salt Lake City, Utah.....	31	.....	1	.35	.....	.00
Lander, Wyo.....	19	0	.....	.14	.....	.00
Cheyenne, Wyo.....	26	.....	2	.07	.01	.....
North Platte, Nebr.....	23	7	.....	.14	.37	.....
Denver, Colo.....	30	.....	5	.14	.38	.....
Pueblo, Colo.....	31	.....	3	.14	.81	.....
Dodge City, Kans.....	28	9	.....	.14	1.37	.....
Oklahoma City, Okla.....	32	12	.....	.49	.64	.....
Amarillo, Tex.....	38	.....	4	.07	4.17	.....
Abilene, Tex.....	40	7	.....	.28	2.20	.....
Santa Fe, N. Mex.....	29	.....	6	.14	.80	.....
El Paso, Tex.....	39	1	.....	.11	.06	.....
Phoenix, Ariz.....	50	.....	3	.16	.41	.....
Pacific Coast:						
Port Angeles, Wash.....	36	.....	.....	1.30	.....	.....
Fort Canby, Wash.....	42	1	.....	2.17	.....	.04
Astoria, Oreg.....	40	3	.....	2.20	.50	.....
Portland, Oreg.....	40	1	.....	1.71	.....	.16
Roseburg, Oreg.....	42	0	.....	1.52	.17	.....
Eureka, Cal.....	47	.....	.....	2.00	.....	.....
Red Bluff, Cal.....	46	.....	1	1.17	.....	.80
Carson City, Nev.....	30	3	.....	.55	.....	.38
Sacramento, Cal.....	47	.....	1	.94	.....	.65
San Francisco, Cal.....	51	.....	2	1.15	.....	.30
Fresno, Cal.....	45	.....	1	.35	.....	.08
Los Angeles, Cal.....	54	.....	1	.80	.....	.78
San Diego, Cal.....	55	.....	.....	.42	.....	.....
Yuma, Ariz.....	55	.....	2	.14	.59	.....

*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 29, 1896, to January 14, 1897.**

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
India:				
Calcutta.....	Nov. 14-Nov. 23...	.....	26	
Madras.....	Nov. 21-Nov. 27...	.....	2	
	Nov. 28-Dec. 4.....	.....	1	
Japan:				
Tokio.....	Dec. 4-Dec. 12...	6		
Yokohama.....	Dec. 4-Dec. 12...	2		

YELLOW FEVER.

Brazil:				
Pará.....	Dec. 12-Dec. 26...	.....	6	
Rio de Janeiro.....	Nov. 21-Dec. 5.....	.....	4	
Cuba:				
Cienfuegos.....	Dec. 20-Dec. 27...	.....	8	
	Dec. 28-Jan. 3.....	.....	1	
Habana.....	Dec. 24-Dec. 31...	90	33	
	Jan. 1-Jan. 7.....	170	61	
Matanzas.....	Dec. 9-Dec. 23...	.....	8	
Santiago.....	Dec. 5-Dec. 12...	.....	6	
	Dec. 26-Jan. 2.....	.....	3	
Sagua la Grande.....	Dec. 19-Dec. 26...	50	5	
Hayti:				
Port au Prince.....	Dec. 14.....	.....	.....	Yellow fever epidemic.

* For table of cholera and yellow fever, as reported to the Supervising Surgeon-General United States Marine-Hospital Service December 26, 1895-December 29, 1896, see PUBLIC HEALTH REPORTS, Vol. XII, No. 1.

CUBA.

Smallpox and yellow fever in Cuban seaports.

Under date of January 4 the United States consul at Cienfuegos reports that during the week ended January 3 there was in that city 1 death from yellow fever.

Under date of January 2 the United States sanitary inspector at Santiago reports that during the week ended January 2 there were 3 deaths from yellow fever.

The United States sanitary inspector at Habana reports 170 new cases and 61 deaths from yellow fever and — deaths from smallpox during the week ended January 7.

SANTIAGO DE CUBA, *January 2, 1897.*

SIR: I have the honor of submitting the following report on the sanitary condition of Santiago de Cuba for the week ended Saturday, January 2:

Fifty-two deaths have been reported for this period, of which 3 were from yellow fever, 1 from typhoid fever, 5 from tuberculosis, 4 from remittent bilious fever, 6 from pernicious fever, 2 from dysentery, 7 from diarrhea, and the rest from common diseases, both acute and chronic, of noncontagious character.

Yellow fever has abated somewhat, but as a new regiment arrived yesterday I have no doubt the fever cases will again increase. Malaria is, as usual, causing many victims.

On looking over the records in my office I find the following figures, showing the mortality from all causes, especially yellow fever and smallpox, from the 1st of June to the 31st of December, inclusive: Yellow fever, 306; smallpox, 471; other diseases, 698. Total, 1,475.

Respectfully,

HENRY S. CAMINERO, M. D.,

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

HABANA, ISLAND OF CUBA, *January 9, 1897.*

SIR: It is believed that in the following report which I have the honor of forwarding to you to-day, are embraced all the deaths from yellow fever and smallpox which have occurred during the week in the city and military hospitals around the harbor, including "Santa Catalina" and "Las Almacenes de Regla." Yellow fever, on the whole, rather diminishes as might be expected from the cooler weather which has been prevailing for some little time, but smallpox increases, causing 78 deaths from it in the last seven days.

Mortuary report.—During the week ended January 7 there were 306 deaths in the city, 61 of which were caused by yellow fever, with approximately 170 new cases; 78 were caused by smallpox, with 702 new cases approximately; 9 were caused by enteric fever, 3 by so-called pernicious fever, 4 by paludal fever, 1 by diphtheria, 15 by dysentery, 18 by enteritis, 1 by the grippe, 8 by pneumonia, and 37 by tuberculosis. Sixty of the 61 deaths from yellow fever during the week were among Spanish soldiers in the military hospitals, while all of the 78 deaths from smallpox occurred among civilians in the different parts of the city.

Very respectfully, your obedient servant,

D. M. BURGESS,

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

EGYPT.

Sanitary, Maritime, and Quarantine Council of Egypt.

REGULATIONS AGAINST PLAGUE.

[Approved by the Council, at its session November 3, 1896.—Translated in this Bureau.]

ARTICLE I.—*Noninfected vessels.*

Any vessel arriving from a port in which plague prevails which has not had on board at the time of departure or during the voyage cases of plague, declared or suspected, shall be admitted to free pratique after favorable medical inspection and disinfection of linen, soiled bedding, utensils in use, and any article or piece of baggage which the quarantine authorities shall consider contaminated. (See article 5, Disinfection.)

The said vessel must have completed or shall afterward complete seven full days of quarantine from the date of departure from the port held to be infected.

The drinking water on board shall be renewed and the water in the hold emptied after disinfection.

ARTICLE 2.—*Suspected vessels.*

Suspected vessels are those on board of which there have been cases of plague at the time of departure, or during the voyage, but no new cases within nine days.

These vessels shall be treated differently, accordingly as they have or have not a physician and a disinfecting stove on board.

(a) Vessels having a physician and a disinfecting stove on board filling the desired conditions shall be allowed to pass the Suez Canal in quarantine and in compliance with the regulations governing the transit of vessels, and with hatches sealed by the sanitary, maritime, and quarantine authorities.

(b) Vessels having neither physician nor disinfecting stove on board shall, before being admitted to quarantine in transit, be retained at the sanitary station during the time necessary for the disinfection of soiled linen, wearing apparel, body linen, and other susceptible articles, and for ascertaining the sanitary condition of the vessel. The hatches shall be sealed.

When a postal vessel or a packet boat specially devoted to the transportation of passengers shall arrive without a disinfecting stove, but having a physician on board, if the local quarantine authority shall have assurance, under official statement, that measures of sanitation and disinfection have been suitably applied, either at the port of departure or during the voyage, passage in quarantine shall be granted. The hatches shall be sealed.

When postal vessels or packet boats specially devoted to the transportation of passengers shall arrive, having no disinfecting stove but a physician on board, if the last case of plague shall date back more than fourteen days, and if the sanitary condition of the vessel is satisfactory, free pratique may be accorded in Egypt when the disinfection of soiled linen, body linen, wearing apparel, and articles and merchandise susceptible of infection, and also disinfection of the vessel shall have been completed. (See article 5, Disinfection.)

Passengers destined for Egypt, arriving on a vessel which has completed a clean voyage of fourteen days, shall be disembarked at the sanitary station and detained for forty-eight hours. Their soiled linen, body linen, clothing, and other susceptible articles shall be disinfected. They shall then receive free pratique. (See article 5, Disinfection.)

Vessels which have made a clean voyage of less than fourteen full days and which request free pratique in Egypt shall also be detained at the sanitary station for forty-eight hours. The vessel, the soiled linen, body linen, and clothing of the crew, also susceptible merchandise, shall be disinfected. (See article 5, Disinfection.)

Linen, clothing, and bedding, used by patients, shall be disinfected in steam disinfecting stoves under pressure.

The drinking water on board shall in all cases be renewed, and the water of the hold shall be emptied, after disinfection.

ARTICLE 3.—*Infected vessels.*

Infected vessels are those which have cases of plague on board or on which new cases have presented themselves within nine days. In this category of vessels no distinction is to be made between those which have and those which have not a disinfecting stove and physician on board.

Vessels having cases of plague on board or having had new cases within nine days shall be detained at the sanitary station, the persons affected with plague disembarked and completely isolated in hospital. The other passengers shall be disembarked and isolated in as small groups as possible, in such a way as that the whole number should not be affected by the breaking out of plague in any one group.

Soiled linen, body linen, clothing of passengers and crew shall be disinfected, as well as the ship and all susceptible articles of merchandise. (See article 5, Disinfection.)

Passengers shall remain seven full days at the sanitary station; but when the cases of plague are not of recent date, the duration of isolation shall be diminished. This duration shall vary, according to the period of appearance of the last case. For example, when the last case shall have occurred within five days, the duration of observation shall be eight (8) full days; if within eight days, observation shall be for three (3) full days; if within seven days, observation shall be for four (4) full days, and so on.

Infected vessels requesting free pratique in Egypt shall be detained seven (7) full days at the sanitary station, counting from the date of the last case on board.

The vessel, soiled linen, body linen, and effects of the crew, as well as all susceptible merchandise shall be disinfected. (See article 5, Disinfection.)

Linen, clothing, and bed clothing used by patients shall be disinfected in steam pressure stoves.

Drinking water on board shall in all cases be renewed and water of the hold shall be emptied after disinfection.

ARTICLE 4.—*Passengers.*

Convalescents from the plague, without regard to the number of days passed by them at the sanitary station, shall be refused free pratique until after complete recovery.

The bodies of persons who have died of plague shall be buried in the cemetery of the sanitary station, or in case of there being no cemetery, in an isolated spot and with all requisite precautions. The grave shall be two meters deep.

Rooms occupied by plague patients at the sanitary station shall be disinfected with the utmost care after the departure of their occupants.

Linen, clothing, and articles of bed clothing which have been used by plague patients shall be disinfected in steam stoves under pressure. Rags shall be destroyed by fire.

ARTICLE 5.—*Disinfection.*

Measures of disinfection shall be applied conformably to the rules laid down in article 5 of the regulations against cholera.

ARTICLE 6.—*Arrivals by land.*

The duration of quarantine for arrival by land is seven (7) full days. Linen, effects, baggage, and susceptible merchandise shall be disinfected.

HAITI.

Yellow fever no longer epidemic in Port au Prince.

PORT AU PRINCE, HAYTI, *December 16, 1896.*

SIR: I have to report that the yellow fever epidemic that prevailed here has ceased its ravages. There have been 2 deaths, about ten days ago. Since then there have been no new cases or deaths reported.

One of these deaths was that of Madame Pascal, the mother of the late charge d'affaires of France, who died here on the 23d ultimo. Her death may be attributed as much to grief at the death of her son as to the effects of the disease.

I have, etc.,

JOHN B. TERRES.

HON. ASSISTANT SECRETARY OF STATE.

PERSIA.

Quarantine measures against importation of the plague.

TEHERAN, PERSIA, *November 11, 1896.*

SIR: I have the honor to inform you that a meeting of the Diplomatic Corps was held at the Turkish Embassy on the 8th instant, at which I was present, to take into consideration the measures that had been recommended by the sanitary council in Teheran, and adopted by the directing medical officer at Bushire, for the establishment of quarantine on the Persian Gulf, on account of the appearance of the plague in Bombay.

The Secretary of the council was present, and read the report, a copy of which was transmitted in my No. 36, of the 29th ultimo. He also stated that it had been decided at another meeting of the council that as it was generally believed that eight days was the maximum period for the incubation of the disease, this should be the period of observation, dating from the departure of the ship from the East Indian port; that in case there was any suspicion of the disease on board another five days of detention should be added, making thirteen days; and in the event of the disease declaring itself, the person attacked should be

immediately removed and placed in some isolated place. At the last meeting of the council there seems to have been a difference of opinion respecting the time of detention of the ships. The sanitary officer of the Turkish Government, probably from prudential considerations, advised a period of observation of twenty-one days. As most of the steamships calling at Bushire, proceed, after a short stay, to Bussorah on the Tigris, this time would be practically sufficient to admit of a clean bill of health being given and no further detention called for. This, however, was apparently overruled, on the ground that it would unduly delay the voyage, cause inconvenience to the public, and put the owners to unnecessary expense.

It was the general feeling of the members at the meeting on the 8th, that whilst it was not altogether advisable to give the medical officer in charge a *carte blanche*, he should nevertheless be allowed very considerable liberty of action.

This was perhaps the most sensible decision at which they could arrive. The sanitary council of Teheran is, at the utmost, an advisory body. It would, therefore, have been unwise, especially as Bushire is about 800 miles from Teheran, that they should exercise a controlling authority in the details of the quarantine.

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

JOHN TYLER,

Vice-Consul-General in Charge.

HON. ASSISTANT SECRETARY OF STATE.

TEHERAN, PERSIA, *November 23, 1896.*

SIR: I have the honor to transmit, inclosed, a communication that I have received from Dr. Schneider, the secretary of the sanitary council of Teheran, being in substance the regulations adopted by the medical officer of the British residency in Bushire for the establishment of quarantine at the Persian Gulf ports, consequent on the outbreak of the plague in Bombay.

So far no case of plague has been reported from any European or native craft trading in the Persian Gulf, and I have heard nothing of any outbreak north of Bombay. * * * If the disease spreads beyond the boundaries of India, there is great likelihood of its making its appearance in, at least, the south of Persia. It is, however, to be hoped that effective measures may be adopted, and so spare the country from the ravages of this threatened scourge.

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

JOHN TYLER,

Vice-Consul in Charge.

[Inclosure.]

The plague in Bombay.

(Copy of a telegram sent by Col. Wilson, of Bushire, November 19, 1896, communicated by his excellency the English minister.)

Surgeon-Captain Lumsden arrived on the 12th instant, and has regulated the quarantine, as follows:

(1) Should neither a suspected nor a real case develop itself during the eight days' voyage, full liberty is accorded. If a suspected case should manifest itself then there will be five days of quarantine; should there be a case of the plague, eight days, and if the suspected case should turn out to be the plague, eight days of quarantine after its appearance.

(2) The persons subject to quarantine shall be disembarked and put on an island, and the healthy separated from the infected and the suspects. The baggage will be inspected and disinfected before being discharged at the expiration of the period of detention.

(3) First-class European passengers may be placed in quarantine, a mile from the town, if they should judge it advisable, on account of the absence of sufficient provisions on the island. The cargo will be kept on board twenty-four hours, and then submitted to fumigation.

The regulations were transmitted previously to Bender Abbas and Lingah, but the governor insists upon the difficulty of executing them, on account of the want of competent sanitary officers, and asks that European doctors be sent to these two posts. Information of the adoption of these measures has been communicated to Jask and Mohamrah, and recommended to the Sultan of Muscat.

November 13, 67 new cases and 55 deaths.

November 20, 84 new cases and 57 deaths.

DR. SCHNEIDER.

TEHERAN, November 21, 1896.

WEST INDIES.

Quarantine declared by Barbados against Curacao and Haiti.

BARBADOS, December 19, 1896.

SIR: In consequence of the prevalence of yellow fever at Curacao, and the ports of Haiti, those places have been declared infected places within the provisions of the quarantine act of this island. Quarantine is also in force here against Rio Janeiro, Santos, and Pernambuco. Quarantine against Martinique removed on 14th instant. The public health of this island is excellent.

Yours, etc.,

JAS. SANDERSON,
Clerk, Quarantine Board.

STATISTICAL REPORTS.

ARGENTINA—*Buenos Ayres*.—Month of October, 1896. Estimated population, 701,326. Total deaths, 1,228, including smallpox, 6; enteric fever, 11; scarlet fever, 5; diphtheria, 28; measles, 12, and whooping cough, 10.

AUSTRALIA—*New South Wales—Sydney*.—Month of October, 1896. Estimated population, 408,500. Total deaths, 389, including enteric fever, 3; scarlet fever, 4, and diphtheria, 4.

QUEENSLAND—*Brisbane*.—Month of October, 1896. Estimated population, 93,657. Total deaths, 89. No deaths reported from contagious diseases.

BAHAMA ISLANDS—*Dunmore Town*.—Two weeks ended January 1, 1897. Estimated population, 1,472. One death reported.

Governors Harbor.—Two weeks ended January 2, 1897. Estimated population, 1,500. No deaths.

Green Turtle Cay—Abaco.—Two weeks ended December 17, 1896. Estimated population, 3,900. No deaths.

BRAZIL—*Ceara*.—Month of November, 1896. Estimated population, 44,000. Total deaths, 136.

CANADA—*Ontario—Hamilton*.—Month of December, 1896. Estimated population, 50,000. Total deaths, 61. No deaths reported from contagious diseases.

Nova Scotia—Windsor.—Month of December, 1896. Estimated population, 3,000. Total deaths, 6. No deaths from contagious diseases.

Manitoba—Winnipeg.—Month of December, 1896. Total deaths, 41, including scarlet fever, 25; diphtheria, 5, and whooping cough, 1.

CUBA—Guantanamo.—Month of November, 1896. Estimated population not reported. Total deaths, 119, including yellow fever, 10, and smallpox, 6.

GREAT BRITAIN—England and Wales.—The deaths registered in 33 great towns of England and Wales during the week ended December 26, correspond to an annual rate of 17 a thousand of the aggregate population, which is estimated at 10,846,971. The highest rate was recorded in Plymouth, viz, 31.8, and the lowest in Croydon, viz, 11 a thousand.

London.—One thousand two hundred and seventy-nine deaths were registered during the week, including measles, 9; scarlet fever, 12; diphtheria, 38; whooping cough, 14; enteric fever, 9, and diarrhea and dysentery, 6. The deaths from all causes correspond to an annual rate of 15.1 a thousand. In greater London 1,666 deaths were registered, corresponding to an annual rate of 14.1 a thousand of the population. In the "outer ring" the deaths included 14 from diphtheria, 3 from measles, 9 from whooping cough, and 4 from scarlet fever.

Ireland.—The average annual death rate represented by the deaths registered during the week ended December 26 in the 16 principal town districts of Ireland was 24.9 a thousand of the population. The lowest rate was recorded in Galway, viz, 3.8, and the highest in Armagh, viz, 56.1 a thousand. In Dublin and suburbs 178 deaths were registered, including scarlet fever, 3; measles, 2, and whooping cough, 15.

Scotland.—The deaths registered in 8 principal towns during the week ended December 26 correspond to an annual rate of 22.1 a thousand of the population, which is estimated at 1,518,347. The lowest mortality was recorded in Perth, viz, 12, and the highest in Glasgow, viz, 26 a thousand. The aggregate number of deaths registered from all causes was 644, including scarlet fever, 8; diphtheria, 4; measles, 48; whooping cough, 26, and smallpox, 1.

MORTALITY TABLE, FOREIGN CITIES.

Cities.	Week ended.	Estimated popula- tion.	Total deaths from all causes.	Deaths from—										
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.		
Alexandria.....	Sept. 2.....	231,396	240	18		1		3		3				
Do.....	Sept. 9.....	231,396	201	12		1				5				
Do.....	Sept. 16.....	231,396	181	2				2		1				
Do.....	Sept. 23.....	231,396	201	3		1		2		5				
Do.....	Sept. 30.....	231,396	183	3						6				
Amerstburg.....	Jan. 2.....	2,300	0											
Belfast.....	Dec. 19.....	277,354	152					1	2			5		5
Do.....	Dec. 26.....	277,354	148					3	3	3		6		3
Birmingham.....	do.....	501,241	169					1		1		4		8
Bluefields.....	do.....	4,500	0											
Bologna.....	Dec. 19.....	148,224	53											
Bordeaux.....	Oct. 31.....	260,000	89					1		1				
Do.....	Nov. 7.....	260,000	108											
Do.....	Nov. 14.....	260,000	114											
Do.....	Nov. 21.....	260,000	93					2						
Do.....	Nov. 28.....	260,000	113											
Do.....	Dec. 5.....	260,000	106											
Do.....	Dec. 12.....	260,000	107								1			
Do.....	Dec. 19.....	260,000	94									15		1
Bradford.....	do.....	221,610	86							1				
Bremen.....	do.....	142,100	41							1				
Bristol.....	Dec. 26.....	230,623	85						1					3
Brussels.....	Dec. 19.....	507,985	178								1	1		
Budapest.....	Dec. 23.....	560,000								2	1			1
Cairo.....	Sept. 2.....	374,838	507	66		1	5	7		1	1			
Do.....	Sept. 9.....	374,838	634	164		1			2	2	3			
Do.....	Sept. 16.....	374,838	447	61		1		7	1	3				
Do.....	Sept. 23.....	374,838	382	19				6	3	2				
Do.....	Sept. 30.....	374,838	334	1		1		3	4	1	1			
Callao.....	Dec. 6.....	16,000	15											
Catania.....	Dec. 22.....	120,000	53				1				1			
Chatham.....	Jan. 4.....	9,052	3											
Christiania.....	Dec. 26.....	182,856	17					1						
Cognac.....	do.....	21,000	5											2
Cologne.....	do.....	330,843	104							7				
Copenhagen.....	Dec. 19.....	333,714	138					2			3			1
Crefeld.....	Dec. 28.....	108,000	27							1				
Dublin.....	Dec. 26.....	350,000	178						2		4			2
Dundee.....	do.....	161,620	73					1	2					
Dusseldorf.....	Dec. 19.....	182,529	64							3				1
Edinburgh.....	Dec. 26.....	276,514	96					1						5
Do.....	Dec. 19.....	276,514	112						1	1	2			4
Frankfort on the Main.....	Dec. 26.....	234,000	74					1						3
Funchal.....	Dec. 19.....	35,665	21											
Genoa.....	Dec. 26.....	211,838	97							1	1			
Ghent.....	do.....	157,214	75											
Gibraltar.....	Dec. 20.....	25,800	10			1								
Girgenti.....	Dec. 19.....	24,428	12											
Glasgow.....	do.....	705,052	319							2	5	45		5
Do.....	Dec. 26.....	705,052	352						5		41			20
Gothenburg.....	Dec. 19.....	114,527	49							2				4
Halifax.....	Jan. 2.....	38,700	15							2				
Konigsberg.....	Dec. 26.....	171,700								1	1			
Leeds.....	do.....	402,449	145			1		1	3	2	3			2
Leghorn.....	Dec. 19.....	103,507	36					1						
Do.....	Dec. 26.....	103,507	31							1				
Leith.....	Dec. 19.....	74,110	25							1				
Do.....	Dec. 26.....	74,110	20							1				
Licata.....	Dec. 19.....	20,000	15			1		2						
Liege.....	Dec. 26.....	163,107	43					1						1
Liverpool.....	Dec. 19.....	641,063	288					4	3	2	8			3
Livingston.....	Dec. 26.....	1,500	0											
London, Canada.....	Jan. 2.....	34,855	13											
London, England.....	Dec. 26.....	6,178,376	1,666				12	16	52	12	23			
Madrid.....	Dec. 23.....	482,816	346			37		8		2	1			
Manchester.....	Dec. 19.....	531,697	184					4	3		4			4
Do.....	Dec. 26.....	531,697	193					1	1	1	5			2
Mannheim.....	Dec. 19.....	92,500	30											
Maracaibo.....	Dec. 12.....	50,000	16											
Do.....	Dec. 19.....	50,000	8											
Do.....	Dec. 26.....	50,000	5											
Matamoras.....	Jan. 1.....	12,000	6											
Matanzas.....	Dec. 23.....	55,000	60		3			3		5	1			

