

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., JULY 10, 1896.

No. 28.

UNITED STATES.

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

Seven additional cases of smallpox in Key West, Fla.

KEY WEST, FLA., July 2, 1896.

Two new cases of variola reported yesterday.

KEY WEST, FLA., July 3, 1896.

Report 5 new cases of variola to-day. * * *

G. M. GUITÉRAS,
Passed Assistant Surgeon, U. S. M. H. S.

One case of smallpox in Pensacola.

PENSACOLA, FLA., July 4, 1896.

SIR: I have the honor to inform you of another case of smallpox in this city, reported to the board of health on the 29th ultimo.

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

Spanish bark Triumpho remanded from Brunswick Quarantine to South Atlantic Quarantine.

BRUNSWICK QUARANTINE, July 2, 1896.

SIR: I have the honor to report the arrival of the Spanish bark *Triumpho*, from Habana, with crew of 18 men and 13 steerage passengers, all well on arrival. Sanitary history of crew and passengers fair only. Vessel with crew and passengers remanded to South Atlantic Quarantine for disinfection.

Respectfully, yours,
R. E. L. BURFORD,
Sanitary Inspector, 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 July 9, 1896.**

Places.	Date.	Cases.	Deaths.	Remarks.
Florida:				
Key West.....	June 25-July 3....	10	.....
Pensacola.....	May 20-July 4....	5	1	
Indiana:				
Indianapolis.....	May 29.....	1	.....
Louisiana:				
New Orleans.....	May 9-June 27....	74	21	
Shreveport.....	May 16-May 30....	2	.....
	June 6-June 13....	6	.....
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	
Tennessee:				
Memphis.....	May 1-May 30....	10	.....
Shelby County (not including Memphis).	May 1-May 31....	8	2	
Tipton County.....	.....do.....	14	2	
Washington:				
Seattle.....	May 23.....	1	.....	Case occurred April 27; now convalescent.

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

Report of immigration at Boston for the week ended July 4, 1896.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Boston, July 5, 1896.

Number of alien immigrants who arrived at this port during the week ended July 4, 1896; also names of vessels and ports from which they arrived.

Date.	Vessel.	Where from.	No. of immigrants.
1896.			
June 28	Steamship Yarmouth.....	Yarmouth.....	201
Do.....	Steamship Scythia.....	Liverpool and Queenstown.....	122
June 29	Steamship Halifax.....	Halifax.....	113
Do.....	Schooner E. Raymond.....	Port Gilbert.....	2
Do.....	Schooner Emma B.....	Cape Sable Island.....	1
June 30	Steamship Silvia.....	St. Johns.....	14
Do.....	Steamship Cestrian.....	Liverpool.....	1
Do.....	Steamship Brookline.....	Port Morant.....	4
July 1....	Steamship Prussian.....	Glasgow, Londonderry, and Galway	150
Do.....	Steamship Boston.....	Yarmouth.....	15
July 2....	Steamship Olivette.....	Halifax.....	39
Do.....	Steamship Yarmouth.....	Yarmouth.....	95
July 4....	Steamship Boston.....	.....do.....	25
Do.....	Steamship Gallia.....	Liverpool and Queenstown.....	221
Do.....	Steamship Hogaland.....	Puerto Rico.....	1
	Total.....		1,007

THOMAS F. DELHANTY,
Commissioner of Immigration.

Report of immigration at New York for the week ended July 4, 1896.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,

*Port of New York, July 6, 1896.**Number of alien immigrants who arrived at this port during the week ended July 4, 1896 ; also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
1896.			
June 28	Steamship Edam.....	Amsterdam.....	66
Do.....	Steamship Sorrento.....	Hamburg.....	200
Do.....	Steamship La Bourgogne.....	Havre.....	250
June 29	Steamship Fulda.....	Genoa.....	63
Do.....	Steamship City of Rome.....	Glasgow.....	215
June 30	Steamship Westernland.....	Antwerp.....	326
July 1	Steamship Paris.....	Southampton.....	75
Do.....	Steamship Patria.....	Marseilles and Naples.....	599
July 2	Steamship Finance.....	Colon.....	5
Do.....	Steamship Aurania.....	Liverpool and Queenstown.....	76
Do.....	Steamship Lahn.....	Bremen.....	266
Do.....	Steamship Elysia.....	Naples.....	551
Do.....	Steamship Venetia.....	Stettin.....	59
July 3	Steamship Chateau Lafite.....	Bordeaux.....	12
Do.....	Steamship Germanic.....	Liverpool and Queenstown.....	233
Do.....	Steamship München.....	Bremen.....	345
Do.....	Steamship Normannia.....	Hamburg.....	172
July 4	Steamship New York.....	Southampton.....	102
Do.....	Steamship Etruria.....	Liverpool and Queenstown.....	96
	Total.....		3,711

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

Report of immigration at Philadelphia for the week ended July 4, 1896.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,

*Port of Philadelphia, July 4, 1896.**Number of alien immigrants who arrived at this port during the week ended July 4, 1896 ; also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
1896.			
June 29	Steamship Rhynland.....	Liverpool and Queenstown.....	163
June 30	Steamship Earnwood.....	St. Jago.....	1
July 1	Steamship Corean.....	Glasgow and Liverpool.....	3
Do.....	Steamship Illinois.....	Antwerp.....	400
July 3	Steamship Moravia.....	Hamburg.....	62
	Total.....		629

JAS. L. HUGHES,
Acting 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.
Beaufort, S. C.	July 4	Br. bk. Thos. Perry *	June 19	Santos	Brunswick	Disinfected	July 2	No transactions	1
Brunswick, Ga.	do	Br. ss. Rammoor *	June 24	Kingston	do	do	June 30		
		Nor. bk. P. C. Petersen *	do	Barbad os, Port Natal	do	Disinfected and held			
		Sp. bk. Angellia	July 1	Habana	do	Held for disinfection	July 2		
		Sp. bk. Triumpho	do	do	do	Remanded to South Atlantic quarantine.			
		Br. ss. Hounslow	July 4	Rio	do	Held for disinfection.	July 2		3
Cape Charles, Va.	July 4	Br. ss. Bolivia	June 27	Vera Cruz	Norfolk	Disinfected	July 2	No transactions	6
Del. Breakwater, Del.	do							do	
Eureka, Cal.	June 24							do	
Grays Harbor, Wash.	July 1							do	
Key West, Tortugas, Fla.	June 24	Am. bkn. Elmiranda *	June 10	Vera Cruz	Punta Gorda	Disinfected	June 21		
	June 27	Sp. ss. gracia *	June 17	Cienfuegos	Charlotte Harbor	do	June 23	No transactions	
Newbern, N. C.	do							do	
Port Townsend, Wash.	July 4	Am. str. Kingston	June 24	Victoria	Tacoma	Chinese baggage disinfected	June 24	No transactions	3
	June 27	do	June 25	do	do	do	June 25		
Reedy Island, Del.	July 4								20
San Diego, Cal.	June 27								3
San Francisco, Cal.	do								
South Atlantic, Sapelo Island, Ga.	June 27	Ital. bk. Oreb *	June 7	Rio	Savannah	Disinfected	June 22	Disinfected baggage of 191 Chinese and 4 Corean immigrants.	
		Sp. bk. Galatea *	June 15	Cienfuegos	do	do	June 25		
		Br. s. Alex. Yeals *	June 18	Rio	Sapelo	Disinfected and held			
		Br. bk. Cathaya *	do	do	Savannah	Held for disinfection			
		Nor. bk. Jotun *	June 20	do	do	Disinfected and held			
		Ital. bk. Rosa	June 23	do	do	Held for disinfection			
		Br. str. Isleworth	June 25	do	Sapelo	do		No transactions	
Washington, N. C.	July 4								

* 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.
Charleston, S. C.	July 4								1
Elizabeth River, Va.	do.	Holl. s. Highlander*	June 4	Buenos Ayres	Mobile	Disinfected	June 29		6
Fort Morgan, Ala.	do.	Nor. bk. Laura*	June 19	Barbados	do	do	July 3		5
		Nor. bk. Frigga*	June 20	Buenos Ayres	do	Held for disinfection			
		Am. bk. M. T. Kimball*	June 23	Habana	do	Disinfected	June 29		
		Am. bk. John M. Stanhope*	June 26	Barranquilla	do	do	June 30		
		Br. ss. Kennett*	June 27	Vera Cruz	do	do	July 4		
		Br. sc. Sirocco*	June 25	Guadaloupe	do	do	June 28		
		Br. ss. Uganda	June 28	Rio	do	Disinfected and held			
		Br. ss. Sir Richard Grenville	July 2	St. Lucia	do	do			
Galveston, Tex.	do.	Br. ss. Engineer*	June 27	Carthagena	Galveston	Disinfected	July 1		14
		Nor. ss. Gyller	July 4	Martinique	do	Disinfected and held			
Georgetown, S. C.	do.							No transactions	4
Newport News, Va.	do.							No transactions	180
Newport, R. I.	do.	Nor. ss. Banan	June 25	Rio, Gibara	New York	Crew held for disinfection	June 28		
New York, N. Y.	do.	Ger. ss. Salerno	June 28	Santos Rio	do	do	June 29		
		Am. ss. Saratoga	do	Tampico, Habana	do	4 passengers held for observation			
		Br. ss. Straits of Dover	June 30	Rio, St. Lucia	do	Crew held for disinfection	June 30		
		Sp. ss. Habana	July 4	La Guayra, Cartagena, etc., Havana	do	1 passenger held for observation	July 4		
Port Royal, S. C.	do.	Sp. ss. Bonaventura	do	Matanzas, Habana	Port Royal	Remanded to South Atlantic quarantine.			1
Providence, R. I.	do.								5
Sabine Pass, Tex.	do.								

* Previously reported.

Reports of States and yearly and monthly reports of cities.

CONNECTICUT—*Westport*.—Month of June, 1896. Estimated population, 4,000. Total deaths, 7. No deaths from contagious diseases.

Meriden.—Month of June, 1896. Estimated population, 28,500. Total deaths, 29, including phthisis pulmonalis, 4, and measles, 3.

MASSACHUSETTS—*Palmer*.—Month of June, 1896. Estimated population, 6,820. Total deaths, 16. No deaths from contagious diseases.

MICHIGAN.—Week ended June 27, 1896. Reports to the State board of health from 59 observers indicate that inflammation of bowels, dysentery, and consumption increased, and measles and inflammation of kidney decreased in area of prevalence. Phthisis pulmonalis was reported present at 208 places, measles at 55, scarlet fever at 28, enteric fever at 24, diphtheria at 16, and whooping cough at 26 places.

MINNESOTA—*Winona*.—Month of May, 1896. Estimated population, 21,000. Total deaths, 21, including 2 from phthisis pulmonalis.

NEW YORK.—Month of May, 1896. Reports to the State board of health from 8 districts, including New York City, Brooklyn, and 152 other cities, towns, and villages, show a total of 9,541 deaths, including smallpox, 1; phthisis pulmonalis, 1,193; enteric fever, 59; scarlet fever, 78; diphtheria and croup, 392; measles, 172, and whooping cough, 100.

The Monthly Bulletin says :

There were reported 9,541 deaths during the month or nearly 1,000 less than in the month preceding, a daily average of 308 against 350 in April and 358 in March. The actual mortality is almost identical with that of May, 1895, as is also the decrease from the month preceding, the average diminution in the number of deaths from April to May during the past ten years being about 800. The death rate was 17.50 against 19.30 in April, which is the average rate for the four preceding months of the year. The zymotic mortality was very nearly the same as that of April, the deaths from diphtheria and diarrheal diseases being somewhat more and from measles a little less. Compared with May, 1895, the zymotic mortality was also nearly the same; from scarlet fever and diphtheria there were fewer than the average number of deaths in May, while from measles and diarrheal diseases the mortality is above the average. Measles show a material decrease chiefly in the maritime district, but it has generally diminished in prevalence everywhere. The increase in diphtheria is confined to the maritime district; 35 towns report its prevalence against 30 in April. Twelve per cent of the mortality of the month was due to zymotic diseases, the average for May being 13.6 per cent. Consumption caused the same number of deaths as in April, 1190; it customarily has a larger mortality during the winter and spring months than during the rest of the year; 12.5 per cent of the deaths were from this cause. There was a decrease from April of 650 in the mortality from acute respiratory diseases, which is customary; the highest relative mortality from this cause was in the maritime district. There was 1 death from smallpox in New York, and a case has been reported from North Hempstead.

PENNSYLVANIA—*Beaver Falls*.—Three months ended July 1, 1896. Estimated population, 11,500. Total deaths, 28, including 2 from phthisis pulmonalis.

Pottsville.—Two weeks' ended July 2, 1896. Estimated population, 14,117. Total deaths, 12, including 1 from scarlet fever.

West Chester.—Month of June, 1896. Estimated population, 9,000. Total deaths, 11, including phthisis pulmonalis, 2; diphtheria, 2, and measles, 1.

TENNESSEE—*Chattanooga*.—Month of June, 1896. Estimated population, white, 27,000; colored, 13,000; total, 40,000. Deaths, white, 22; colored, 30; total, 52, including phthisis pulmonalis, 7; enteric fever, 3, and measles, 1.

PUBLICATIONS RECEIVED.

Twenty-third Report of the Medical Officer of Health on the Sanitary Condition of Newcastle-on-Tyne.

Tenth Annual Report of the Health Officer of Madison, Wis., for the Year ended March, 1896.

Annual Report of the Board of Health of Massillon, Ohio. 1895.

The Monthly Bulletin for April, 1896, prepared by the secretary of the State board of health of Rhode Island.

Seventeenth Annual Report of the Board of Health by the City and Quarantine Physician of New Bedford, Mass. 1895.

Statistique Sanitaire des Villes de France et D'Algérie pendant L'Année. 1893.

Annuaire Statistique de la Belgique, Vingt-sixième année. 1895.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—									
				Phthisis pul- monalis.	Yellow fever.	Smallpox.	Variceloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Allegheny, Pa.	June 27	105,287	38	2									2
Do	July 4	105,287	51	3					1				4
Ashtabula, Ohio	June 27	8,338	1										
Auburn, N. Y.	June 2	25,858	7	2									
Baltimore, Md.	July 4	434,439	241	19								1	
Battle Creek, Mich.	June 27	13,197	3										
Binghamton, N. Y.	July 4	35,005	5	2									
Boston, Mass.	do.	434,439	193	19					1	4	10		2
Braddock, Pa.	June 20	8,561	8										
Do	June 27	8,561	11										
Bridgeport, Conn.	do.	48,866	25	3								1	2
Bristol, R. I.	do.	5,478	5	1									
Brookton, Mass.	do.	27,294	12										
Brooklyn, N. Y.	July 4	806,343	554	47					2	1	27	3	2
Burlington, Vt.	May 2	14,590	5										
Do	May 9	14,590	9										
Do	May 16	14,590	6	1									
Do	May 23	14,590	3										
Do	May 30	14,590	5										
Do	June 6	14,490	3										
Do	June 13	14,590	5	1									
Do	June 20	14,590	3										
Do	June 27	14,590	3										
Butler, Pa.	July 4	8,734	2	1									
Cambridge, Mass.	do.	70,028	22	1								3	
Carlisle, Pa.	do.	7,620	4										
Charleston, S. C.	June 27	*54,955	†47	7					1				2
Cincinnati, Ohio	July 3	296,908	116	14					1			2	
Cleveland, Ohio	July 4	261,353	132	3					2			1	
Columbus, Ind.	June 27	6,719	2						1				
Do	July 4	6,719	2	1									
Columbus, Ohio	do.	88,150	30	3									1
Council Bluffs Iowa	June 27	21,474	5	2									
Dedham, Mass.	do.	7,123	1										
Denver, Colo.	do.	106,713	23	6									1
Detroit, Mich.	July 4	205,876	111	7								2	
Dunkirk, N. Y.	June 27	9,416	3										
Elizabeth, N. Y.	July 4	37,764								1			
El Paso, Tex.	June 27	10,338		1									
Emporia, Kans.	do.	7,551	8										1
Everett, Mass.	July 3	11,068	6										
Fall River, Mass.	July 4	74,398	78	4					1	1			
Fitchburg, Mass.	do.	22,037	1										
Fort Smith, Ark.	June 13	11,311	2										
Do	June 20	11,311	3										
Do	June 27	11,311	8	1									1
Haverhill, Mass.	July 4	27,412	16	1					2				
Hoboken, N. J.	June 27	43,645	37	1								2	
Ironton, Ohio	July 4	10,939	3										
Jamestown, N. Y.	June 27	16,038	3										
Johnstown, Pa.	do.	21,805	1										
Do	July 4	21,805	4										
Kalamazoo, Mich.	June 27	17,833	5										
Lancaster, Pa.	June 30	32,011	10	2								1	
Lebanon, Pa.	June 6	14,664	2	1									
Lowell, Mass.	July 4	77,696	50										3
Lynchburg, Va.	do.	19,709	8	2									
McKeesport, Pa.	June 27	20,741	8										
Manchester, N. H.	do.	44,126	26										
Massillon, Ohio	do.	10,092	4										
Medford, Mass.	July 4	11,079	3										
Melrose, Mass.	June 27	8,519	2										
Memphis, Tenn.	do.	64,495	21	5					1				
Do	July 4	64,495	3						1				
Middletown, Ohio	June 27	7,681	2										
Do	July 4	7,681	4										
Millville, N. J.	June 27	10,002	4	2									
Minneapolis, Minn.	do.	161,738	42	3							2	2	
Mobile, Ala.	July 4	31,076	16	2					2				
Nashville, Tenn.	do.	76,168	42	7									
New Bedford, Mass.	do.	40,733	16	2									
New Brighton, N. Y.	June 20	16,423	7	2									
Do	June 27	16,423	5	1								1	

* Estimated population, white, 28,870; colored, 36,295. Total, 65,165. † White, 12; colored, 35.

MORTALITY TABLE, CITIES OF THE UNITED STATES—Continued.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—										
				Phthisis pul- monalis.	Yellow fever.	Smallpox.	Varicoid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Newburyport, Mass.....	June 27.....	13,947	1											
New Orleans, La.....	do.....	242,039	143	12		4			2					2
Newport, R. I.....	July 4.....	19,457	6											
New York, N. Y.....	do.....	1,515,301	896	89					3	9	39	11		9
Omaha, Nebr.....	June 27.....	140,452	20											
Oneonta, N. Y.....	July 4.....	6,272	1											
Pensacola, Fla.....	do.....	11,750	9	1								1		
Philadelphia, Pa.....	June 27.....	1,046,964	498	34					5			14	3	
Pittsfield, Mass.....	July 4.....	17,281	5											
Portland, Me.....	June 27.....	36,425	9	2										
Providence, R. I.....	July 3.....	132,146	51	6								3		3
Pueblo, Colo.....	June 27.....	24,558	14	1						1	3			
Racine, Wis.....	do.....	21,014	10									1		
Do.....	July 5.....	21,014	10	1										
Richmond, Va.....	June 27.....	81,388	27											
St. Louis, Mo.....	do.....	451,770	305	22					1			4		2
Salt Lake City, Utah.....	do.....	44,843	13											
San Diego, Cal.....	do.....	16,159	1											
Santa Barbara, Cal.....	do.....	5,864	3	1										
Seattle, Wash.....	do.....	42,837	4									1		
Shreveport, La.....	July 4.....	11,979	5											
Spokane, Wash.....	June 27.....	19,922	10	2					1			1		
Sterling, Ill.....	do.....	5,824	1											
Stockton, Cal.....	June 29.....	42,424	6	1										
Superior, Wis.....	June 27.....	11,983	2											
Taunton, Mass.....	July 4.....	25,448	7											
Utica, N. Y.....	do.....	44,007	20	2										
Virginia City, Nev.....	June 27.....	8,511	1											
Waltham, Mass.....	July 4.....	18,707	9											
Washington, D. C.....	do.....	230,392	153	17								3		1
Winona, Minn.....	June 27.....	18,208	6											
Worcester, Mass.....	July 3.....	84,655	30	6								1		
Yonkers, N. Y.....	do.....	32,033	21	2							1			
Youngstown, Ohio.....	July 4.....	33,220	5	1					1					

Table of temperature and rainfall, week ended July 6, 1896.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Defic'ncy.	Normal.	Excess.	Deficiency.
Atlantic Coast:						
Eastport, Me.....	58	0	.....	.84	.26	.....
Portland, Me.....	66	.....	2	.77	.....	.57
Northfield, Vt.....	63	3	.....	.71	1.19	.....
Boston, Mass.....	72	.....	4	.77	.....	.47
Vineyard Haven, Mass.....	69	1	.....	.57	.03	.....
Nantucket, Mass.....	64	2	.....	.57	.....	.27
Woods Hole, Mass.....	68	.....	2	.58	.02	.....
Block Island, R. I.....	66	0	.....	.69	.11	.....
New Haven, Conn.....	69	1	.....	.93	.17	.....
Albany, N. Y.....	72	2	.....	.85	.....	.65
New York, N. Y.....	72	0	.....	.86	.44	.....
Harrisburg, Pa.....	72	2	.....	.92	.58	.....
Philadelphia, Pa.....	75	1	.....	.84	.....	.74
New Brunswick, N. J.....	72	2	.....	1.10	.30	.....
Atlantic City, N. J.....	70	0	.....	.77	.....	.37
Baltimore, Md.....	76	0	.....	1.04	.....	.64
Washington, D. C.....	75	1	.....	1.02	.....	.73
Lynchburg, Va.....	77	.....	1	.84	.....	.54
Cape Henry, Va.....	77	1	.....	1.07	.03	.....
Norfolk, Va.....	77	1	.....	1.16	.44	.....
Charlotte, N. C.....	80	.....	2	1.21	.....	.01
Raleigh, N. C.....	78	0	.....	1.63	.....	.93
Kittyhawk, N. C.....	77	1	.....	1.21	.....	.51
Hatteras, N. C.....	76	2	.....	1.30	.....	.00
Wilmington, N. C.....	79	.....	1	1.47	.....	.87
Columbia, S. C.....	81	1	.....	1.09	.....	.99
Charleston, S. C.....	81	.....	1	1.55	3.35	.....
Augusta, Ga.....	81	.....	1	1.17	2.53	.....
Savannah, Ga.....	82	2	.....	1.36	.....	.46
Jacksonville, Fla.....	82	2	.....	1.43	.....	.23
Jupiter, Fla.....	81	.....	1	1.21	.69	.....
Key West, Fla.....	84	.....	2	.91	.69	.....
Gulf States:						
Atlanta, Ga.....	77	1	.....	.99	.61	.....
Tampa, Fla.....	81	.....	1	2.20	.....	.20
Pensacola, Fla.....	81	.....	1	1.39	.61	.....
Mobile, Ala.....	81	.....	1	1.41	.....	.81
Montgomery, Ala.....	81	1	.....	1.05	.15	.....
Meridian, Miss.....	78	2	.....	1.45	.....	1.45
Vicksburg, Miss.....	81	1	.....	.98	.....	.68
New Orleans, La.....	82	0	.....	1.48	.....	.18
Shreveport, La.....	83	3	.....	.84	.....	.84
Fort Smith, Ark.....	80	2	.....	1.04	.....	1.04
Little Rock, Ark.....	80	2	.....	.91	.....	.71
Palestine, Tex.....	82	4	.....	.71	.....	.61
Galveston, Tex.....	84	.....	2	.75	.05	.....
San Antonio, Tex.....	82	2	.....	.50	.....	.10
Corpus Christi, Tex.....	83	.....	1	.33	.....	.33
Ohio Valley and Tennessee:						
Memphis, Tenn.....	80	0	.....	.89	.....	.89
Nashville, Tenn.....	78	.....	2	1.05	1.85	.....
Chattanooga, Tenn.....	77	1	.....	.99	.91	.....
Knoxville, Tenn.....	76	0	.....	.98	.22	.....
Louisville, Ky.....	79	.....	1	.90	5.30	.....
Indianapolis, Ind.....	75	1	.....	.99	.....	.69
Cincinnati, Ohio.....	76	0	.....	.78	.42	.....
Columbus, Ohio.....	74	2	.....	.77	.....	.17
Parkersburg, W. Va.....	74	2	.....	.98	.....	.78
Pittsburg, Pa.....	74	2	.....	1.00	.30	.....
Lake Region:						
Oswego, N. Y.....	67	1	.....	.73	.....	.53
Rochester, N. Y.....	72	0	.....	.70	.....	.50
Buffalo, N. Y.....	67	3	.....	.77	.03	.....
Erie, Pa.....	71	.....	1	.69	1.51	.....
Cleveland, Ohio.....	70	2	.....	.84	.....	.34
Sandusky, Ohio.....	75	.....	1	.74	.....	.24
Toledo, Ohio.....	75	.....	1	.70	.....	.50
Detroit, Mich.....	71	1	.....	.78	.....	.78
Lansing, Mich.....	73	.....	1	.85	.35	.....
Port Huron, Mich.....	70	0	.....	.62	.....	.32
Alpena, Mich.....	63	3	.....	.71	.....	.41
Sault Ste. Marie, Mich.....	62	2	.....	.71	.....	.01
Marquette, Mich.....	62	0	.....	.71	.49	.....

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

Table of temperature and rainfall, week ended July 6, 1896—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Defic'ncy.	Normal.	Excess.	Deficiency.
Lake Region—Continued.						
Green Bay, Wis.....	68	4	.....	.70	.50	.....
Grand Haven, Mich.....	67	1	.....	.70	.....	.70
Milwaukee, Wis.....	68	4	.....	.81	.....	.71
Chicago, Ill.....	72	0	.....	.84	.....	.74
Duluth, Minn.....	63	1	.....	.92	.....	.52
Upper Mississippi Valley:						
St. Paul, Minn.....	71	1	.....	.84	.....	.54
La Crosse, Wis.....	72	2	.....	.98	.....	.98
Dubuque, Iowa.....	73	3	.....	1.12	.....	1.02
Davenport, Iowa.....	73	2	.....	.85	.....	.63
Des Moines, Iowa.....	74	0	.....	.89	.....	.49
Keokuk, Iowa.....	75	1	.....	1.03	.07	.....
Springfield, Ill.....	75	.....	1	.76	1.84	.....
Cairo, Ill.....	77	1	.....	.89	.....	.29
St. Louis, Mo.....	78	0	.....	.90	.....	.30
Missouri Valley:						
Columbia, Mo.....	76	0	.....	1.11	.....	.91
Springfield, Mo.....	77	.....	1	1.04	.....	.84
Kansas City, Mo.....	77	.....	1	1.05	.65	.....
Wichita, Kans.....	77	3	.....	.93	.....	.73
Concordia, Kans.....	76	4	.....	.75	.....	.15
Lincoln, Nebr.....	75	1	.....	.69	.71	.....
Omaha, Nebr.....	75	.....	1	1.25	.....	.75
Sioux City, Iowa.....	73	1	.....	.77	.13	.....
Yankton, S. Dak.....	72	2	.....	.92	.....	.82
Valentine, Nebr.....	71	3	.....	.70	.....	.60
Huron, S. Dak.....	70	0	.....	.71	.....	.41
Pierre, S. Dak.....	73	3	.....	.62	.38	.....
Moorhead, Minn.....	66	2	.....	.97	.....	.97
Bismarck, N. Dak.....	68	4	.....	.63	.....	.63
Williston, N. Dak.....	68	2	.....	.68	.....	.58
Rocky Mountain Region:						
Havre, Mont.....	65	7	.....	.63	.....	.13
Helena, Mont.....	64	.....	.....	.41	.....	.....
Miles City, Mont.....	72	4	.....	.40	.10	.....
Rapid City, S. Dak.....	68	4	.....	.51	.....	.11
Spokane, Wash.....	66	.....	.....	.22	.....	.....
Wallawalla, Wash.....	72	8	.....	.11	.....	.01
Baker City, Oreg.....	63	5	.....	.24	.16	.....
Winnemucca, Nev.....	68	4	.....	.08	.....	.08
Salt Lake City, Utah.....	73	1	.....	.14	.....	.14
Lander, Wyo.....	66	2	.....	.21	.....	.21
Cheyenne, Wyo.....	66	2	.....	.35	.....	.05
North Platte, Nebr.....	73	1	.....	.71	.....	.41
Denver, Colo.....	71	3	.....	.35	.....	.35
Pueblo, Colo.....	73	1	.....	.41	.....	.31
Dodge City, Kans.....	77	1	.....	.72	.....	.62
Oklahoma City, Okla.....	78	2	.....	.72	.....	.12
Abilene, Tex.....	82	2	.....	.51	.....	.01
Santa Fe, N. Mex.....	68	.....	2	.37	.....	.17
El Paso, Tex.....	84	.....	8	.30	.80	.....
Phoenix, Ariz.....	88	2	.....	.09	.....	.09
Pacific Coast:						
Tatoosh Island, Wash.....	55	.....	.....	.66	.....	.....
Port Angeles, Wash.....	55	.....	.....	.15	.....	.....
Fort Canby, Wash.....	57	3	.....	.40	.....	.40
Astoria, Oreg.....	62	0	.....	.45	.....	.45
Portland, Oreg.....	65	3	.....	.24	.....	.24
Roseburg, Oreg.....	64	4	.....	.18	.....	.18
Eureka, Cal.....	55	.....	.....	.08	.....	.....
Red Bluff, Cal.....	78	6	.....	.03	.....	.03
Carson City, Nev.....	65	.....	.....	.07	.....	.....
Sacramento, Cal.....	71	5	.....	.00	.....	.00
San Francisco, Cal.....	60	.....	2	.02	.....	.02
Fresno, Cal.....	72	10	.....	.00	.....	.00
Los Angeles, Cal.....	69	.....	3	.02	.....	.00
San Diego, Cal.....	67	.....	3	.00	.....	.00
Yuma, Ariz.....	89	1	.....	.00	.....	.00

*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 July 9, 1896.

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
Argentine Republic:				
Buenos Ayres.....	Dec. 21-Dec. 28...	3	.....	} From outbreak (August 23, 1895) to date 453 cases, 296 deaths.
Austria-Hungary	Nov. 19-Dec. 2...	43	25	
	Dec. 10-Dec. 30...	21	11	
	Dec. 31-Jan. 27...	16	11	
Egypt:*				
Alexandria.....	Dec. 24-Dec. 31...	.....	1	
	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	
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	
India:				
Bombay.....	Nov. 19-Dec. 24...	.....	15	
	Jan. 14-Feb. 4...	.....	8	
	Feb. 18-Feb. 25...	.....	1	
	Mar. 3-Mar. 31...	.....	18	
	Apr. 2-Apr. 28...	.....	33	
	Apr. 28-June 9...	.....	91	
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...	.....	1809	
	Apr. 25-May 30...	.....	817	
Singapore.....	Mar. 1-Mar. 31...	.....	4	
Japan:				
Yokohama.....	Nov. 8-Nov. 15...	1	1	
Chiba Ken.....	Jan. 6-Jan. 25...	20	13	
	Jan. 24-Feb. 16...	23	16	
Ibaraki Ken.....	Jan. 24-Feb. 3...	3	.....
	Feb. 12-Feb. 15...	.....	2	
Fukuoka Ken.....	Feb. 29.....	1	.....
Osaka Fu.....	Apr. 25.....	1	.....
	Apr. 28-May 8...	1	1	
	May 23-May 30...	1	.....
Shimane Ken.....	Apr. 18.....	1	.....
Tokyo.....	Apr. 17.....	1	1	
Morocco:				
Casa Blanca.....	Jan. 11.....	.....	.....	Cholera reported.
Mazagan.....	.....do.....	.....	.....	Do.
Stellen.....	Dec. 15.....	.....	13	
Russia:				
Kiev (government).....	Oct. 13-Nov. 11...	156	64	
	Nov. 11-Dec. 21...	52	24	
	Dec. 22-Jan. 11...	10	5	
	Jan. 12-Jan. 25...	12	14	
Orlov.....	Nov. 3-Dec. 7...	17	6	
Orel (government).....	.....do.....	17	6	
St. Petersburg.....	Nov. 16-Dec. 1...	85	31	Cholera.
	Dec. 1-Dec. 23...	275	178	Do.
	Dec. 28-Jan. 11...	79	43	
	Jan. 25-Feb. 15...	15	13	
	Feb. 22-Mar. 7...	.....	2	
	Mar. 14-Mar. 21...	1	.....
St. Petersburg (government)	Nov. 17-Dec. 7...	21	.....
	Dec. 8-Dec. 23...	27	11	

*To date of June 14, 4,317 cases of cholera, with 3,615 deaths, have been reported throughout Egypt, and during the period from June 4 to June 14, 1896, there were 693 deaths from cholera in Egypt, exclusive of the cities of Alexandria and Cairo.

Cholera and yellow fever, etc.—Continued.

CHOLERA—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<i>Russia—Continued.</i>				
St. Petersburg (government)	Dec. 29-Jan. 11...	8	8	
	Jan. 12-Jan. 25...	3	.....
	Feb. 1-Feb. 8...	2	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	
<i>Turkey:</i>				
Constantinople.....	Dec. 17-Jan. 15...	3	3	Reports dated January 21, 1896, state "about 1 death per week."
Brenia.....	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.

Argentine Republic.....	Mar. 1-Mar. 31...	.....	5	On vessels from Rio de Janeiro.
<i>Brazil:</i>				
Ceara.....	Nov. 30.....	1	1	
	Dec. 24-Dec. 31...	.....	4	
	Mar. 1-Mar. 31...	.....	3	
Rio de Janeiro.....	Nov. 9-Nov. 30...	.....	43	
	Dec. 1-Dec. 28...	.....	136	
	Dec. 28-Jan. 11...	.....	190	
	Jan. 11-Feb. 1...	.....	352	
	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 6...	.....	352	
Nitheroy.....	Apr. 21.....	.....	.....	Yellow fever reported.
Pernambuco.....	Nov. 1-Nov. 15...	8	.....
	Apr. 1-Apr. 30...	.....	8	
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.
<i>Cuba:</i>				
Cardenas.....	June 6-June 27...	13	4	
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	
Habana.....	Nov. 28-Dec. 19...	40	14	
	Dec. 26-Jan. 2...	7	3	In military hospital.

Cholera and yellow fever, etc.—Continued.

YELLOW FEVER—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<i>Cuba—Continued.</i>				
Habana.....	Jan. 2-Mar. 28...	40	14	
	Apr. 2-Apr. 30.....		13	
	May 1-May 28.....	53	26	
	May 28-June 18...	59	29	
	June 18-June 25...	20	9	
	June 25-July 2...	55	25	
Manzanillo.....	Mar. 15-Mar. 31.....		2	
Matanzas.....	June 17-June 24...	56	42	
	June 24-July 1...	61	46	
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	
	Dec. 1-Dec. 21.....	43	3	
	Dec. 25-Jan. 25.....	31	6	
	Feb. 1-Feb. 15.....		8	
Sagua la Grande.....	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	
<i>Mexico:</i>				
Tuxpan.....	Jan. 11-Jan. 25.....		4	
Vera Cruz.....	May 21-May 28.....	5		
	May 28-June 5.....			Yellow fever reported.
<i>Peru:</i>				
Callao.....	Apr. 5.....	2	2	On vessels from Guayaquil.
<i>Puerto Rico:</i>				
San Juan.....	Nov. 29-Dec. 20...	63	23	
	Dec. 20-Jan. 17...	104	24	

BRAZIL.

Sanitary report of Rio de Janeiro.

RIO DE JANEIRO, June 9, 1896.

SIR: I have the honor to transmit report for the week ended June 6, 1896:

There were 4 deaths from *accessio pernicioso*, a decrease of 6; 12 from yellow fever, a decrease of 11; 4 from smallpox, an increase of 3; 7 from beriberi, a decrease of 2; 4 from enteric fever, an increase of 2; 46 from tuberculosis, an increase of 15. From all causes there were 291 deaths, a decrease of 12. I think there is a decided improvement in the sanitary condition of this port, all the zymotic diseases declining except smallpox, and the small increase in the number of cases and deaths from this disease may only be temporary.

Since last report the following-named ships have been inspected or received bills of health from this office: June 2, steamship *Straits of Dover*, British, for Santa Lucia, West Indies, and steamship *Eltona*, British, from Buenos Ayres for New York; June 3, barkentine *Moses B. Tower*, American, for New York, N. Y.; June 6, steamship *Cole-ridge*, Belgian, for New York; June 8, steamship *Salerno*, German, for New York; June 9, bark *Nordstgerman*, Swede, for Mobile, Ala.

Respectfully, yours,

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

CUBA.

Continued prevalence of smallpox and yellow fever in Cuban seaport cities.

The United States consul at Cardenas reports that during the week ended June 27 there were 6 cases of yellow fever and 1 death therefrom in Cardenas.

The United States consul at Cienfuegos reports that during the week ended June 28 there were 5 deaths from yellow fever and 63 from smallpox in Cienfuegos.

The United States consul at Sagua la Grande reports that during the two weeks ended June 27 there were in that city 130 cases of yellow fever, of which only 10 were fatal.

The United States consul at Matanzas reports that during the week ended July 1 there were 61 cases of yellow fever, with 46 deaths therefrom in Matanzas.

Under date of July 4 the United States sanitary inspector at Habana reports that during the week ended July 2 there were 25 deaths from yellow fever in Habana, with approximately 55 new cases.

SANTIAGO DE CUBA, *June 27, 1896.*

SIR: I have the honor to inform you that the sanitary condition of Santiago de Cuba for the week ended June 27 is very bad. The records show 79 deaths, of which 45 were from smallpox, 2 from yellow fever, 8 from remittent fever, 6 from pernicious fever, 5 from enterocolitis, and the rest from noncontagious diseases. There are now over 2,000 cases of smallpox in the city, and I have visited myself over 200 cases. There are tenement houses which contain as many as 27 cases. Yellow fever has decreased somewhat, but will again commence its deadly mission as soon as the new recruits, announced as coming, begin to arrive. Malaria, as usual, is providing its contingent to the general mortality.

The following vessels have been inspected and bills of health issued during the week: June 20, steamship *Santiago*, American, for New York. June 22, steamship *Cholerton*, British, for Baltimore (supplemental); steamship *Earnford*, British, for Philadelphia, and steamship *Earnwood*, British, for Philadelphia. June 23, steamship *Cayo Romano*, British, for New Orleans (supplemental). June 25, steamship *Habana*, Spanish, for New York (supplemental). June 27, brig *Harriet G.*, American, for New York (crew vaccinated), and steamship *Mameluke*, British, for Philadelphia.

Respectfully,

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

EGYPT.

Amelioration of cholera epidemic in Alexandria and Cairo.

CAIRO, EGYPT, *June 12, 1896.*

SIR: I have the honor to report a decided amelioration of cholera in both Alexandria and Cairo during the past fortnight, which improvement gives hope that the epidemic has about run its course.

For a week the deaths at Alexandria have ranged from 3 to 6 a day,

and in Cairo the number has fallen from 40 to 20 per day in the same period.

The improvement shows that the malady is not of a virulent type, and yields easily to the treatment applied by the sanitary authorities. It is predicted that Alexandria will be free from cholera within a month.

The disease has, however, spread to nearly every town in lower and middle Egypt, but is kept in check by the treatment of the health authorities.

Although it was nine months ago that the disease appeared in Egypt, the total number of deaths to date throughout the country is less than 3,000. During the epidemic of 1883 as many as 3,000 deaths occurred in a single day in Cairo.

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

FREDERIC C. PENFIELD,

United States Agent and Consul-General.

HON. ASSISTANT SECRETARY OF STATE.

HAWAIIAN ISLANDS.

Recent quarantine legislation.

HONOLULU, HAWAIIAN ISLANDS, *June 10, 1896.*

SIR: I have the honor to transmit herewith in duplicate a copy of an act relating to quarantine regulations recently passed by the legislature of this Government.

I am, sir, your obedient servant,

ELLIS MILLS,

United States Consul-General.

HON. ASSISTANT SECRETARY OF STATE.

[By authority.]

ACT 28.—AN ACT Relating to quarantine powers.

Be it enacted by the Legislature of the Republic of Hawaii:

Section 1. It shall be unlawful for any merchant ship or other vessel from any foreign port or place to enter any port of the Hawaiian Islands, except in accordance with the provisions of this Act, and with such rules and regulations of State and Health authorities as may be made in pursuance of, or consistent with this Act; and any such vessel which shall enter or attempt to enter, a port of the Hawaiian Islands in violation thereof shall forfeit to the Republic of Hawaii a sum, to be awarded in the discretion of the Court, not exceeding Five Thousand Dollars, which shall be a lien upon said vessel, to be recovered by proceedings in the proper Court of the Republic of Hawaii.

Section 2. Any vessel at any foreign port clearing for any port or place in the Hawaiian Islands, shall be required to obtain from the Consul, Vice-Consul, or other Consular Officer of the Republic of Hawaii at the port of departure, or from the medical officer, where such officer has been appointed by the President for that purpose, a bill of health in duplicate in the form prescribed by the Minister of Foreign Affairs, setting forth the sanitary history and condition of said vessel, and that it has in all respects complied with the rules and regulations in such cases prescribed for securing the best sanitary condition of the said vessel, its cargo, passengers and crew; and said consular or medical officer is required, before granting such duplicate bill of health, to be satisfied that the matters and things therein stated are true; and for his services in that behalf, he shall be entitled to demand and receive such fees, as shall by lawful regulation be allowed to be accounted for as is required in other cases.

The President, in his discretion, is authorized to appoint a medical officer to serve in the office of the Consul at any foreign port, for the purpose of furnishing information and making the inspection and giving the bills of health hereinbefore mentioned. Any vessel clearing and sailing from any such port without such bill of health, and entering any port of the Hawaiian Islands, shall forfeit to the Republic of Hawaii not more than Five Thousand Dollars, the amount to be determined by the Court, which shall be

a lien on the same, to be recovered by proceedings in the proper court of the Republic of Hawaii.

Section 3. The Minister of Foreign Affairs shall make such rules and regulations as are necessary to be observed by vessels at the port of departure and on the voyage, when such vessels sail from any foreign port or place to any port or place in the Hawaiian Islands, to secure the best sanitary condition of such vessel, her cargo, passengers and crew ; which shall be published and communicated to and enforced by the consular and medical officers of the Republic of Hawaii.

None of the penalties herein imposed shall attach to any vessel, or owner, or officer thereof, until a copy of this Act, with the rules and regulations made in pursuance thereof, has been posted in the office of the Consul or other Consular officer of the Republic of Hawaii for ten days, in the port from which said vessel sails ; and the certificate of such Consul or Consular Officer over his Official signature, shall be competent evidence of such posting in any Court of the Republic of Hawaii.

Section 4. The Minister of Foreign Affairs shall, from time to time issue to the Consular Officers of the Republic of Hawaii, and to the medical officers serving at any foreign port, and otherwise make publicly known, the rules and regulations made by him, and to be used and complied with vessels in foreign ports, for securing the best sanitary condition of such vessels, their cargoes, passengers and crew, before their departure for any port in the Hawaiian Islands and in the course of the voyage, so as to prevent the introduction of cholera, plague, smallpox, yellow fever, or other contagious or infectious diseases ; and it shall not be lawful for any vessel to enter said port to discharge its cargo, or land its passengers, except upon a certificate of the Health Officer at the Quarantine station at the port of destination, certifying that said rules and regulations, as well as the regulations of the Board of Health of the Republic of Hawaii, have been observed and complied with, as well on his part as on the part of the said vessel and its master, in respect to the same and to its cargo, passengers and crew ; and the master of every such vessel shall produce and deliver to the Collector of Customs at said port of entry, together with the other papers of his vessel, the said bills of health required to be obtained at the port of departure and the certificate herein required to be obtained from the Health Officer at the port of entry ; and the bills of health herein prescribed shall be considered as part of the ship's papers, and when duly certified to by the proper Consular Officer or other officer of the Republic of Hawaii, over his official signature and seal, shall be accepted as evidence of the statements therein contained in any Court of the Republic of Hawaii.

Section 5. On the arrival of an infected vessel at any port not provided with proper facilities for treatment of the same, the Port Collector or Health Officer of the port may remand said vessel, at its own expense, to the nearest quarantine station where accommodations and appliances are provided for the necessary disinfection and treatment of the vessel, crew, passengers and cargo ; and after treatment of any infected vessel at a quarantine station, and after certificate shall have been given by the Health Officer at said station that the vessel, crew, cargo and passengers are each and all free from infectious disease, or danger of conveying the same, said vessel shall be permitted to enter any port of the Hawaiian Islands named within the certificate.

Section 6. Whenever it shall be shown to the satisfaction of the President, that by reason of the existence of any infectious or contagious disease in any foreign country, there is serious danger of the introduction of the same into the Hawaiian Islands, and that notwithstanding the quarantine defense, this danger is so increased by the introduction of persons or property from such country, that a suspension of the right to introduce the same is demanded in the interest of the public health, the President shall have the power to prohibit, in whole or in part, the introduction of persons and property from such countries or places as he shall designate, and for such period of time as he may deem necessary.

Section 7. This Act shall take effect from the date of its approval.

Approved this 15th day of May, A. D. 1896.

SANFORD B. DOLE,
President of the Republic of Hawaii.

JAPAN.

Relapsing fever increasing in Japan.

YOKOHAMA, June 8, 1896.

SIR: I have the honor to report that no cases of cholera have occurred in Japan since the date of my last communication, May 30, and that no further importation of plague has yet taken place. No

single case of plague has yet appeared in any part of Japan save the island of Formosa, where it has, so far, attacked the Chinese almost exclusively. Relapsing fever is spreading and threatens very seriously to assume epidemic proportions: Up to the present date it has broken out in the following fu and ken, though only very incomplete statistics are to be obtained: Tokyo Fu, Kioto Fu, Osaka Fu, Okayama Ken, Nagano Ken, Fukushima Ken, Hiogo Ken, Kagawa Ken (since May 29, 1,071 cases), Tokushima Ken (since May 29, 181 cases), Chiba Ken (since May 29, 70 cases), Tochigi Ken (since May 29, 57 cases), Gumma Ken (since May 29, 32 cases), Shidzuoka Ken (since May 29, 14 cases), Gifu Ken, and Kanagawa Ken.

The home department remarks, in a communication to me to-day: "The number of cases reported to-day is over 2,400. A large number are, undoubtedly, unreported, so that the real number of cases is far greater than this. The disease is increasing and spreading rapidly."

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

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

Sanitary inspection of vessels bound for the United States.

YOKOHAMA, June 9, 1896.

SIR: I have the honor to inform you that, since April 10, up to which time I have reported, I have inspected vessels as follows: April 18, steamship *Doric*, bound for San Francisco. April 21, bark *Petitecodiac*, bound for Port Townsend; April 24, steamship *Tacoma*, bound for Tacoma; April 25, steamship *Hankow*, bound for New York, and steamship *China*, bound for San Francisco; April 29, steamship *Strathnevis*, bound for New York; May 1, ship *Glenogil*, bound for New York, and steamship *Altmore*, bound for Portland; May 5, steamship *Belgie*, bound for San Francisco; May 14, steamship *Victoria*, bound for Tacoma; May 21, ship *Bischoff*, bound for New York, and steamship *Peru*, bound for San Francisco; May 30, steamship *Coptic*, bound for San Francisco; May 31, steamship *Rio de Janeiro*, bound for San Francisco, and steamship *Olympia*, bound for Tacoma; June 4, steamship *Asloun*, bound for Portland; June 9, steamship *Gaelic*, bound for San Francisco.

All the foregoing were free from infection on leaving this port.

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

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

PERU.

Prevalence of smallpox in Lima and Callao.

LIMA, PERU, June 15, 1896.

SIR: I have the honor to inform the Department of State that smallpox is raging in Lima and Callao to an almost unprecedented extent.

The authorities are doing what they can by vaccination, fumigation, etc., to arrest the progress of the dread disease, but it seems rather to increase than to diminish. * * *

J. A. MCKENZIE,
United States Envoy Extraordinary and Minister Plenipotentiary.
Hon. SECRETARY OF STATE.

SPAIN.

Vital statistics during the years 1886-1892.

The following vital statistics have been forwarded by the United States consul at Corunna :

Population of Spain according to the census of 1887, 17,560,352.

Comparative table of marriages, births, and deaths in Spain during the septennium 1886-1892.—Marriages registered, 892,931; marriages, average per year, 127,562; marriages for every 100 inhabitants, 0.73; births registered, 4,451,543; births, average per year, 635,935; births for every 100 inhabitants, 3.62; deaths registered, 3,855,470; deaths, average per year, 550,783; deaths for every 100 inhabitants, 3.14.

Comparative table of dwellings, inhabitants, and deaths in the largest five cities of Spain during the septennium 1886-1892.

Cities.	Dwellings.	Inhabitants according to the census of 1887.	Inhabitants for each dwelling.	Deaths for every 100 inhabitants.
Madrid	12,748	470,283	35	3.75
Barcelona	11,292	272,481	24	3.14
Valencia	7,811	170,763	21	3.02
Seville	12,561	143,182	11	3.54
Malaga	9,159	134,016	14	3.32

Comparative table of marriages, births, and deaths in the four provinces of Galicia, Spain, during the septennium 1886-1892.

Provinces.	Population according to census of 1887.	Marriages.*	Marriages.†	Births.*	Births.†	Deaths.*	Deaths.†
Corunna	613,851	4,052	.66	18,868	3.07	15,769	2.47
Pontevedra	443,385	2,867	.65	12,343	3.78	10,444	2.36
Lugo	432,165	2,824	.65	14,358	3.32	11,706	2.71
Orense	405,127	2,555	.63	12,518	3.09	11,379	2.81

*Average for year.

† For every 100 inhabitants.

Table showing the mortality of the inhabitants of Spain in every year of life, calculated after the census of 1887, and the annual death rate during the quinquennium 1878-1882.

Years of life.	Deaths.*	Years of life.	Deaths.*	Years of life.	Deaths.*
1.....	256	34 to 35.....	11	67 to 68.....	69
1 to 2.....	149	35 to 36.....	11	68 to 69.....	74
2 to 3.....	93	36 to 37.....	12	69 to 70.....	82
3 to 4.....	42	37 to 38.....	12	70 to 71.....	89
4 to 5.....	27	38 to 39.....	12	71 to 72.....	97
5 to 6.....	20	39 to 40.....	12	72 to 73.....	105
6 to 7.....	13	40 to 41.....	13	73 to 74.....	114
7 to 8.....	10	41 to 42.....	13	74 to 75.....	123
8 to 9.....	8	42 to 43.....	13	75 to 76.....	132
9 to 10.....	7	43 to 44.....	14	76 to 77.....	142
10 to 11.....	6	44 to 45.....	14	77 to 78.....	152
11 to 12.....	6	45 to 46.....	15	78 to 79.....	163
12 to 13.....	5	46 to 47.....	16	79 to 80.....	176
13 to 14.....	5	47 to 48.....	17	80 to 81.....	191
14 to 15.....	5	48 to 49.....	17	81 to 82.....	205
15 to 16.....	6	49 to 50.....	18	82 to 83.....	223
16 to 17.....	6	50 to 51.....	19	83 to 84.....	239
17 to 18.....	7	51 to 52.....	20	84 to 85.....	254
18 to 19.....	8	52 to 53.....	21	85 to 86.....	270
19 to 20.....	9	53 to 54.....	22	86 to 87.....	284
20 to 21.....	9	54 to 55.....	24	87 to 88.....	296
21 to 22.....	10	55 to 56.....	26	88 to 89.....	306
22 to 23.....	10	56 to 57.....	28	89 to 90.....	315
23 to 24.....	11	57 to 58.....	30	90 to 91.....	324
24 to 25.....	10	58 to 59.....	33	91 to 92.....	334
25 to 26.....	10	59 to 60.....	36	92 to 93.....	344
26 to 27.....	10	60 to 61.....	39	93 to 94.....	353
27 to 28.....	10	61 to 62.....	43	94 to 95.....	362
28 to 29.....	10	62 to 63.....	46	95 to 96.....	372
29 to 30.....	10	63 to 64.....	50	96 to 97.....	381
30 to 31.....	10	64 to 65.....	55	97 to 98.....	390
31 to 32.....	10	65 to 66.....	59	98 to 99.....	399
32 to 33.....	10	66 to 67.....	64	99 to 100.....	409
33 to 34.....	11				

* For every 1,000 of the respective inhabitants.

Comparative tables of marriages, births, and deaths in several countries.

Countries.	Years.	Marriages.*	Births.*	Deaths.*
Spain.....	1889-1892	.83	3.62	3.14
Hungary.....	1890	.82	4.10	3.31
Germany.....	1891	.87	3.85	2.48
Austria.....	1891	.78	3.95	2.81
Italy.....	1892	.75	3.78	2.77
France.....	1891	.74	2.37	2.40
Belgium.....	1891	.73	3.07	2.22
Great Britain.....	1892	.78	2.97	1.91
Russia.....	1888	.73	3.85	2.48

* For every 100 inhabitants.

Comparative table of deaths in several large cities of Europe during the year 1892.

Cities.	Estimated population.	Deaths registered.	Deaths.*
Madrid.....	499,270	16,401	3.28
Budapest.....	526,263	13,898	2.64
Vienna.....	1,406,934	34,114	2.42
Glasgow.....	669,059	15,142	2.26
Paris.....	2,424,705	54,086	2.23
Brussels.....	476,254	9,820	2.06
Amsterdam.....	426,914	8,517	2
Berlin.....	1,662,237	32,436	1.95
London.....	5,752,204	110,892	1.93
Rome.....	437,419	8,432	1.93
Hamburg.....	637,686	10,790	1.68

* For every 100 inhabitants.

Statistical Reports.

CANADA—*Ontario—Hamilton.*—Month of June, 1896. Estimated population, 50,000. Total deaths, 42, including phthisis pulmonalis, 5; enteric fever, 1; scarlet fever, 2, and diphtheria, 2.

CUBA—*Habana.*—Under date of July 4, 1896, the United States sanitary inspector reports as follows :

There were 880 deaths in this city during the month of June, 1896. Forty-nine of those deaths were caused by yellow fever, and all but 7 of them occurred in the military hospital; 35 were caused by enteric fever, 4 by so-called pernicious fever, 6 by paludal fever, 3 by diphtheria, 12 by dysentery, 70 by enteritis, 58 by smallpox, 2 by bilious fever, 2 by cholera infantum, 4 by measles, 3 by grippe, 20 by pneumonia, 4 by glanders, and 123 by tuberculosis.

There were 236 deaths in this city during the week ended July 2, 1896. Twenty-five of those deaths were caused by yellow fever, with approximately 55 new cases, 6 by enteric fever, 5 by so-called pernicious fever, 1 by diphtheria, 2 by dysentery, 22 by enteritis, 1 by cholera infantum, 2 by smallpox, 37 by tuberculosis, 5 by pneumonia, 2 by glanders. Of 25 deaths from yellow fever, 23 occurred among the Spanish troops in the military hospital, 1 in the civil hospital Mercedes, and 1 in the city.

GREAT BRITAIN—*England and Wales.*—The deaths registered in 33 great towns of England and Wales during the week ended June 20 correspond to an annual rate of 17.3 a thousand of the aggregate population, which is estimated at 10,846,508. The highest rate was recorded in Salford, viz, 23, and the lowest in Derby, viz, 10.2 a thousand.

London.—One thousand three hundred and seventy-one deaths were registered during the week, including measles, 107; scarlet fever, 18; diphtheria, 40; whooping cough, 48; enteric fever, 10, and diarrhea and dysentery, 47. The deaths from all causes correspond to an annual rate of 16.2 a thousand. In greater London 1,759 deaths were registered, corresponding to an annual rate of 14.8 a thousand of the population. In the "outer ring" the deaths included 10 from diphtheria, 26 from measles, 14 from whooping cough, and 4 from scarlet fever.

Ireland.—The average annual death rate represented by the deaths registered during the week ended June 20 in the 16 principal town districts of Ireland was 22.3 a thousand of the population. The lowest rate was recorded in Wexford, viz, 4.5, and the highest in Galway, viz, 45.3 a thousand. In Dublin and suburbs 151 deaths were registered, including scarlet fever, 4; enteric fever, 3, and whooping cough, 5.

Scotland.—The deaths registered in 8 principal towns during the week ended June 20 correspond to an annual rate of 18.9 a thousand of the population, which is estimated at 1,518,347. The lowest mortality was recorded in Edinburgh, viz, 15.6, and the highest in Greenock, viz, 24.4 a thousand. The aggregate number of deaths registered from all causes was 553, including scarlet fever, 5; diphtheria, 5; measles, 33, and whooping cough, 16.

GREECE—*Athens*.—Month of January, 1896. Estimated population, 140,000. Total deaths, 327, including smallpox, 1; typhus fever, 2; enteric fever, 1; diphtheria, 6, and whooping cough, 1.

Months of February, March, April, and May, 1896. Total deaths, 829, including smallpox, 4; typhus fever, 9; enteric fever, 2; diphtheria, 12, and whooping cough, 6.

NOVA SCOTIA—*Windsor*.—Month of June, 1896. Estimated population, 3,000. Total deaths, 5, including 1 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.
Aix la Chapelle.....	June 13.	111,194	47								1
Alexandria.....	May 20.	231,396	387	147		2		3		1	3
Amherstburg.....	June 27.	2,300	0								
Amsterdam.....	June 20.	487,772	232					2	2	4	20
Belleville.....	June 29.	10,459	4					1			
Birmingham.....	June 20.	501,241	102					2	4	12	2
Bluefields.....	do.	3,000	1								8
Bologna.....	do.	148,143	68							1	
Bombay.....	June 2.	821,764	572	12		16		1			8
Bradford.....	June 20.	221,610	60							1	
Bremen.....	June 13.	142,000	45							4	
Bristol.....	June 20.	230,623	63						1	1	4
Brunswick.....	June 13.	115,000							2	2	5
Brussels.....	do.	507,985	192					2	3	3	2
Cairo.....	May 20.	374,838	589	105		1	1	4			21
Calcutta.....	May 23.	681,560	428	99		4					
Callao.....	June 7.	20,000	31			7					2
Cardenas.....	June 20.	23,517	17		2			2			
Do.....	June 27.	23,517	18		1			1			
Cardiff.....	June 20.	162,696	49							1	
Catania.....	June 16.	120,000	68				1			4	
Do.....	June 23.	120,000	54							1	
Chatham.....	June 22.	9,052	3								
Christiania.....	June 20.	182,856	82								2
Cienfuegos.....	June 28.	24,030	107		5	63					1
Coaticook.....	June 27.	2,500	1								
Cognac.....	June 20.	21,000	5								
Cologne.....	June 6.	325,056	146							2	22
Colombo.....	May 23.	130,000	87					2			
Do.....	May 30.	130,000	84					1			
Dresden.....	June 13.	336,440	119					2		3	3
Dublin.....	June 20.	350,000	151						1		
Dundee.....	do.	161,620	54								
Dusseldorf.....	June 13.	177,792	72					1			
Edinburgh.....	June 20.	276,514	83						1	1	1
Flushing.....	do.	16,300	7								
Frankfort on the Main.	do.	231,000	74								2
Genoa.....	do.	211,216	89								1
Ghent.....	June 6.	157,214	64								
Do.....	June 13.	157,214	61								3
Gibraltar.....	June 14.	25,800	15					1		1	1
Girgenti.....	June 13.	24,428	10								
Do.....	June 20.	24,428	14								
Glasgow.....	June 13.	705,052	287					4	2		20
Do.....	June 20.	705,052	275						1	2	26
Gothenburg.....	June 13.	114,000	39								
Guayaquil.....	June 12.	50,000	75			1		39			
Halifax.....	June 27.	38,700	11								
Hamburg.....	June 20.	625,552	320						3	3	8
Hongkong.....	May 16.	332,662	(*)								
Do.....	May 23.	332,662	(†)								
Honolulu.....	June 13.	28,000	13								
Iquique.....	May 23.	33,106	28								
Do.....	May 30.	33,106	28								
Do.....	June 6.	33,106	27								
Kingston, Canada.....	June 3.	17,955	4								
Königsberg.....	June 20.	171,700									4
Leeds.....	do.	395,546	148					1	1		3
Leghorn.....	do.	104,434	35							1	
Leith.....	do.	74,110	32						1	1	
Liège.....	do.	160,848	46								5
Licata.....	do.	20,000	9		5	1		1			
Liverpool.....	do.	641,063	263			1		4	2		6
London, Canada.....	June 27.	34,429	5								
London, England.....	June 20.	6,178,353	1,759					12	22	50	
Lyons.....	June 13.	500,000	158							1	2
Madras.....	May 22.	452,518	393								6
Madrid.....	June 16.	482,816	334		10			9	4	3	14
Manchester.....	June 20.	531,697	222					2	5	1	15
Magdeburg.....	June 6.	214,117	93							8	3
Mannheim.....	June 13.	88,400	38					1			

* Seventy-three deaths from plague.

† Sixty-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. Whooping cough.
Matamoras.....	June 26.....	8,000	5	.....	.....	.....	.....	.....	.....	.....	.....
Mayence.....	June 13.....	74,917	23	.....	.....	.....	.....	.....	.....	.....	1
Do.....	June 20.....	74,917	22	.....	.....	.....	.....	.....	.....	.....	.....
Messina.....	.....do.....	107,000	30	.....	.....	.....	.....	.....	.....	.....	.....
Montevideo.....	May 30.....	242,512	72	.....	.....	.....	.....	1	.....	.....	.....
Moscow.....	June 13.....	800,000	573	.....	.....	.....	2	3	6	9	20
Newcastle on Tyne.....	June 20.....	212,223	67	.....	.....	.....	.....	.....	.....	.....	1
Nuremberg.....	May 30.....	163,012	69	.....	.....	.....	.....	.....	.....	1	2
Do.....	June 6.....	163,012	86	.....	.....	.....	.....	.....	.....	.....	2
Nogales.....	June 27.....	1,580	0	.....	.....	.....	.....	.....	.....	.....	.....
Odessa.....	June 13.....	353,000	119	.....	1	3	.....	.....	3	1	2
Osaka and Hiogo.....	May 30.....	161,120	114	.....	16	.....	15	.....	.....	1	.....
Palermo.....	June 13.....	273,000	122	.....	.....	.....	.....	2	1	.....	.....
Do.....	June 20.....	273,000	135	.....	.....	.....	.....	.....	2	.....	1
Paris.....	.....do.....	2,511,955	869	.....	1	.....	4	3	7	13	5
Plymouth.....	.....do.....	89,686	34	.....	.....	.....	.....	.....	.....	.....	.....
Prague.....	June 13.....	198,017	139	.....	.....	.....	3	.....	.....	1	3
Puerto Cortes.....	June 24.....	1,856	0	.....	.....	.....	.....	.....	.....	.....	.....
Rheims.....	June 20.....	105,408	40	.....	.....	.....	.....	.....	.....	1	1
Rio de Janeiro.....	June 6.....	650,000	291	.....	12	4	.....	4	.....	.....	.....
Rotterdam.....	June 20.....	279,196	106	.....	.....	.....	2	.....	.....	1	4
Sagua la Grande.....	.....do.....	17,536	25	.....	4	.....	.....	.....	.....	.....	.....
St. John's, Antigua.....	June 13.....	16,679	11	.....	.....	.....	.....	.....	.....	.....	.....
St. Petersburg.....	.....do.....	954,400	631	.....	6	1	23	16	15	21	6
St. Stephens.....	June 27.....	3,000	0	.....	.....	.....	.....	.....	.....	.....	.....
Schiedam.....	June 20.....	26,233	9	.....	.....	.....	.....	.....	.....	.....	.....
Sheffield.....	.....do.....	348,363	121	.....	.....	.....	2	1	.....	9	4
South Shields.....	.....do.....	92,773	25	.....	.....	.....	.....	.....	.....	.....	.....
Stettin.....	June 12.....	140,000	104	.....	.....	.....	.....	2	1	.....	.....
Stockholm.....	June 13.....	267,100	126	.....	.....	.....	.....	.....	.....	2	9
Stuttgart.....	June 18.....	158,378	53	.....	.....	.....	.....	1	.....	.....	.....
Trapani.....	June 13.....	42,095	11	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	June 20.....	42,095	10	.....	.....	.....	.....	.....	.....	.....	.....
Trieste.....	June 13.....	158,314	83	.....	.....	.....	.....	.....	1	3	.....
Venice.....	.....do.....	161,480	72	.....	.....	.....	4	.....	.....	.....	.....
Vera Cruz.....	June 25.....	27,065	27	.....	.....	.....	.....	.....	.....	.....	.....
Warsaw.....	June 13.....	553,643	250	.....	4	1	.....	6	.....	5	3
Zurich.....	June 12.....	145,000	42	.....	.....	.....	.....	.....	.....	.....	.....

By authority of the Secretary of the Treasury :

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