

Public Health Reports.

(Formerly "Abstract of Sanitary Reports.")

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WASHINGTON, D. C., JULY 17, 1896.

No. 29.

UNITED STATES.

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

Reports on the smallpox outbreak at Key West, Fla.

“ KEY WEST, FLA., June 30, 1896.

SIR: * * * In regard to the appearance of smallpox at this place, I am unable at the present time to trace the source of the disease. Careful inquiry just now fails to connect the cases with Habana or Cuba, either in individuals themselves or through baggage of passengers. The cases as far as found have been amongst the colored Bahama population, and with the exception of an infant male, the female sex have been the sufferers.

There has been quite a number of cases of varicella among white children during the past months, amounting to almost a mild epidemic. I saw a case two months ago in a mulatto boy quite plainly recognizable. Dr. Sweeting and Dr. Guitéras, I am informed, have both seen cases of this eruptive disease in both black and white, but to last Wednesday, 24th instant, they assure me that they had seen nothing that they could diagnosticate as variola. * * *

The cases that I have discovered are located in different sections of the city, and with but one exception in the colored quarter of the town, and are all of the negro element of population. An interesting feature of this outbreak is that all of the cases when discovered could be designated as "old ones;" that is to say, with the stage of vesiculation and pustulation well developed, and ranging from the 9th day of the disease, calculating from the period of initial fever to the 30th day, when desquamation was nearly completed. Again, these cases are located in a dense center of negro population, with houses closely packed together, with no restrictions on communication, and an environment inviting a rapid spread, yet I have only discovered 6 cases, with detective force employed to aid me. That the case which died on the 26th and the woman now sick on Thomas street have unmistakable variola I think there can be no doubt, at least there was no disagreement between Dr. Guitéras, Dr. Sweeting, and myself on the subject; neither is there any doubt in my mind now about the other cases, although at first visit

the case of the infant boy admitted of some dispute (the case being mild, with no temperature) until his sister was seen, which cleared up all doubt. Upon discovering the cases, isolation, with guards over the premises, was immediately enforced, and the matter promptly reported to the municipal authorities, requesting action in removing the cases and segregating the exposed. In the absence of a pesthouse on the island, or tents to use in this way, this isolation had to be enforced at the homes of the sick. An effort was made by me to procure tents from the United States barracks at this place, which, at first granted, was the next day refused by the War Department. It was intended to use the two hospital and two wall tents, for which request had been made of the military, for a nucleus for a camp until added to and enlarged when those loaned by you should arrive. The municipal government of Key West was immediately apprised of the gravity of the situation, and appealed to for both moral and physical cooperation with the State health authority in measures to prevent a spread of smallpox, and especially asked to pass and enforce an ordinance of compulsory vaccination. The ordinance was passed on its first reading this morning. * * *

I have placed a surveillance over travel from Key West to the extent that passengers must exhibit either satisfactory evidence of vaccination or be vaccinated before taking passage on any of the steamers or sail vessels, and the baggage of second-class passengers or those not exempted on the face of the certificate will be left at the Tampa Bay Quarantine Station for sterilization. This requirement is being observed by the agents of the steam and sail lines.

The weather is hot and dry and it is hoped may prove a potent factor in aiding the suppression and prevention of a spread of the disease.

I shall inform you from time to time of the progress of events in these cases.

I am, sir, very respectfully,

JOSEPH Y. PORTER,
State Health Officer, Florida.

NOTE.—In response to a request from the State health officer of Florida for tents in which to isolate the suspects, and for the detail of an officer of this Service to assist him, 25 tents have been shipped and Passed Assistant Surgeon J. H. White, U. S. M. H. S., has been ordered to Key West to assume charge of the isolation camp and to cooperate with the State authorities in the suppression of the outbreak.

KEY WEST, FLA., *July 3, 1896.*

SIR: Confirming my telegram of to-day, I have the honor to state that the interstate quarantine regulations are being complied with by the local health authorities in this city, with exception of article 3, latter part of section 5, which directs that the bodies of the deceased shall not be transported except in hermetically sealed coffins. There has been, so far, but 1 fatal case. The body was wrapped in sheets soaked in bichloride of mercury solution, placed in a tarred coffin and interred in the cemetery by employees of the board of health.

I further beg to report that no new focus of the disease has been discovered since the appearance of the first 3 cases.

I inclose herewith copy of an ordinance passed to-day by the board of commissioners of the municipality of the city of Key West, relative to compulsory vaccination.

Very respectfully,

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

CIRCULAR NO. 70.—*An ordinance to protect public health.*

Be it ordained by the president and board of city commissioners of the municipality of the city of Key West, in session convened :

SECTION 1. That whenever in the opinion of the city health officer it becomes necessary to prevent an epidemic of smallpox, he shall, with his assistants, make a free house-to-house vaccination of all the inhabitants of the city over two years of age who have not been properly vaccinated. It shall be the duty of the city health officer to keep on hand pure animal virus at all times, and to vaccinate all persons who apply for free vaccination, without charge. Any person who has not been properly vaccinated, and refuses to be vaccinated or to cause his or her children or wards to be vaccinated when they have not been properly vaccinated shall be fined or imprisoned according to section 3 of this ordinance.

SEC. 2. It shall be the duty of every teacher or person having charge of any school in the city of Key West, within thirty days from the opening of such school, to furnish the city health officer with a correct roster of the teachers and pupils of such school and a list of those remaining unvaccinated at the end of each month, and it shall be the duty of the city health officer and his assistants to visit all schools in the city each month, and to vaccinate all teachers and pupils who have not been properly vaccinated, free of charge.

SEC. 3. All persons violating any section of this ordinance or refusing or failing to comply with the same shall, upon conviction thereof, before the police justice, be fined not less than five nor more than one hundred dollars, or be imprisoned in the city jail not less than five nor more than thirty days.

SEC. 4. All ordinances, or parts of ordinances conflicting with this ordinance or any of its provisions are hereby repealed.

KEY WEST, FLA., *July 8, 1896.*

SIR: I have the honor to make the following report of the status of the smallpox epidemic in this city:

Up to and including July 7, there have been 24 cases of the disease, 3 of which have resulted fatally. In the past two days 2 cases have been found in a part of the town hitherto uninfected. All foci of infection are being guarded. Compulsory vaccination is being rapidly pushed. The state board of health will commence to-day the construction of a pesthouse in the outskirts of the city. The disease seems to be spreading very slowly, and it is hoped that it may not assume grave proportions. The tents have not yet arrived, but are expected to-day.

Very respectfully,

G. M. GUITÉRAS,

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

*Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, May 9, 1896, to July 16, 1896.**

Places.	Date.	Cases.	Deaths.	Remarks.
Florida:				
Key West.....	June 25-July 9.....	21	4	
Pensacola	May 20-July 4.....	5	2	
Indiana:				
Indianapolis.....	May 29.....	1		
Louisiana:				
New Orleans.....	May 9-July 11.....	80	24	
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	
	July 2-July 9.....		1	
Tennessee:				
Memphis.....	May 1-May 30.....	10		
Shelby County (not including Memphis).	May 1-May 31.....	8	2	
Tipton County.....	June 1-June 30.....	3		
	.....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.

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, N. C.	July 11	Nor. bk. P. C. Petersen*	June 24	Barbad os, Port Natal.	Brunswick	Disinfected	July 6	No transactions	1
Brunswick, Ga.	do.	Sp. bk. Angelita*	July 1	Habana.	do	do	July 11		
		Br. ss. Hounslow*	July 4	Rio	do	do	do		
		Br. bk. Auriga.	July 7	do	St. Simons	Held for disinfection			
		Sp. bk. San Antonio	July 11	Habana	Brunswick	do			
		a Possible							
Cape Charles, Va.	do.	Nor. ss. Michigan.	July 9	Rio	Hamp ton Roads.	Disinfected and held			1
Del. Breakwater, Del.	do								5
Grays Harbor, Wash.	July 1							No transactions.	
	July 8							do	
Gulf, Ship Island, Miss.	July 4	Nor. bk. Kragero*	June 23	Bahia	Pascagoula	Disinfected	July 2		1
		Br. ss. Ethelburga.	July 4	Port Eads	Ship Island.	Held for instructions.			
		Br. ss. Ethelburga*	do	do	do	do	July 6		1
	July 11	Br. ss. County Avrim	July 8	Santos	do	Disinfected and held			
		Am. sc. Henrietta J. Powell	July 10	Vera Cruz	Pascagoula.	do			
		Mex. sc. Tres Hermanos	do	Progresso	do	do			
		Sp. ss. Pedro	July 11	Sagua la Grande.	Ship Island.	do		No transactions	3
Newbern, N. C.	July 11								24
Port Townsend, Wash.	July 4								1
Reedy Island, Del.	July 11								1
San Diego, Cal.	July 4								
South Atlantic, Sapelo Island, Ga.	do.	Br. s. Alex. Yeats*	June 18	Rio	Sapelo	Disinfected	July 2		
		Br. bk. Cothay*	do	do	Savannah	Disinfected and held			
		Nor. bk. Rotterdam	June 20	do	do	Disinfected	July 2		
		U. S. bk. Ross	June 22	do	Sapelo	Held for disinfection			
		Br. ss. Isworth*	June 25	do	do	Disinfected	July 2		
		Br. bk. Tanner E. Marshall	July 2	Santos	Savannah	Held for disinfection			
		Sp. bk. Triumpho.	do	Habana	Brunswick	do		Two vessels spoken and passed.	
Southport, N. C.	do.							One vessel remanded to South Atlantic Quarantine.	
								No transactions	

* 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.
Astoria, Oreg.....	July 4							No transactions	4
Charleston, S. C.....	July 11		June 20	Buenos Ayres	Mobile.....	Disinfected	July 7		10
Elizabeth River, Va.....	do.	Br. ss. Sir E. Grenville.*	July 2	St. Lucia, West Indies.	do.....	do.	July 6		5
Fort Morgan, Ala.....	do.	Br. ss. Uganda*	June 28	Rio	do.....	do.	July 5		
		Br. ss. Corso	July 10	Progresso	do.....	Disinfected and held			
		Br. ss. Blackheath	July 11	Rio	do.....	do.			
Galveston, Tex.....	do.	Nor. ss. Gyller*	July 4	Martinique.	Galveston	Disinfected	July 8	No transactions	17
Georgetown, S. C.....	do.								2
New Haven, Conn.....	do.							No transactions	
Newport, R. I.....	do.							do	
Port Royal, S. C.....	do.								
Providence, R. I.....	do.								1

* Previously reported.

*Report of immigration at Boston for the week ended July 11, 1896.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of Boston, July 12, 1896.**Number of alien immigrants who arrived at this port during the week ended July 11, 1896; also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
1896.			
July 5	Steamship Yarmouth.....	Yarmouth.....	62
July 6	Steamship Barnstable.....	Port Marid.....	3
Do.....	Steamship Halifax.....	Halifax.....	101
Do.....	Schooner Bessie Mills.....	Musquodobit.....	1
Do.....	Schooner Dessie M.....	Liverpool.....	2
July 7	Schooner Cymbeline.....	Bridgewater.....	1
July 8	Steamship Philadelphian.....	Liverpool.....	1
Do.....	Steamship Boston.....	Yarmouth.....	27
July 9	Steamship Olivette.....	Halifax.....	10
Do.....	Steamship Yarmouth.....	Yarmouth.....	52
Do.....	Schooner Sunshine.....	Harborville.....	2
July 10	Steamship Virginian.....	London.....	1
Do.....	Steamship Borderer.....	Nicaragua.....	1
Do.....	Steamship Boston.....	Yarmouth.....	36
	Total.....		300

THOMAS F. DELHANTY,
*Commissioner of Immigration.**Report of immigration at Philadelphia for the week ended July 11, 1896.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of Philadelphia, July 11, 1896.**Number of alien immigrants who arrived at this port during the week ended July 11, 1896; also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
1896.			
July 10	Steamship Pennland.....	Liverpool and Queenstown.....	139
Do.....	Steamship Italia.....	Hamburg.....	67
	Total.....		206

JNO. J. S. RODGERS,
*Commissioner of Immigration.**Reports of States and yearly and monthly reports of cities.*CALIFORNIA—*Sacramento*.—Month of June, 1896. Estimated population, 30,000. Total deaths, 32, including 4 from phthisis pulmonalis.CONNECTICUT—*Hartford*.—Month of June, 1896. Estimated population, 65,000. Total deaths, 103, including phthisis pulmonalis, 8; scarlet fever, 2; diphtheria, 6; measles, 1, and whooping cough, 1.FLORIDA—*Pensacola*.—Month of June, 1896. Estimated population,

15,000. Total deaths, 24, including phthisis pulmonalis, 6; enteric fever, 1, and smallpox, 2.

Tampa.—Month of June, 1896. Estimated population, 26,000. Total deaths, 37, including phthisis pulmonalis, 3, and enteric fever, 1.

KENTUCKY—*Louisville*.—Month of June, 1896. Estimated population, 211,100. Total deaths, 264, including phthisis pulmonalis, 36; enteric fever, 1; diphtheria, 2, and whooping cough, 4.

MASSACHUSETTS—*Brockton*.—Month of June, 1896. Estimated population, 33,165. Total deaths, 44, including phthisis pulmonalis, 6; enteric fever, 1, and diphtheria and croup, 1.

Newton.—Month of June, 1896. Estimated population, 27,590. Total deaths, 42, including diphtheria, 1, and phthisis pulmonalis, 9.

MICHIGAN.—Week ended July 4, 1896. Reports to the State board of health from 53 observers indicate that cholera infantum and cholera morbus increased and that bronchitis decreased in area of prevalence. Phthisis pulmonalis was reported present during the week at 207 places, measles at 44, enteric fever at 25, whooping cough at 21, scarlet fever at 19, and diphtheria at 11 places.

NEW HAMPSHIRE—*Concord*.—Month of June, 1896. Estimated population, 19,000. Total deaths, 21, including enteric fever, 1; whooping cough, 1, and diphtheria, 1.

NEW YORK—*Syracuse*.—Month of June, 1896. Estimated population, 120,000. Total deaths, 119, including phthisis pulmonalis, 10; enteric fever, 3; scarlet fever, 1, and diphtheria, 5.

OHIO—*Dayton*.—Month of June, 1896. Estimated population, 85,000. Total deaths, 99, including phthisis pulmonalis, 12; smallpox, 1, and croup, 1.

Toledo.—Month of June, 1896. Estimated population, 122,760. Total deaths, 110, including phthisis pulmonalis, 13; enteric fever, 2; scarlet fever, 1; diphtheria, 3, and whooping cough, 4.

PENNSYLVANIA—*Williamsport*.—Month of June, 1896. Estimated population, 35,000. Total deaths, 17, including 3 from phthisis pulmonalis.

TENNESSEE—*Memphis*.—Month of June, 1896. Estimated population, white, 28,064; colored, 27,859; total, 55,923. Deaths, white, 63; colored, 62; total, 125, including phthisis pulmonalis, 21; enteric fever, 2, and whooping cough, 8.

Nashville.—Month of June, 1896. Estimated population, white, 54,595; colored, 33,159; total, 87,754. Deaths, white, 86; colored, 92; total, 178, including phthisis pulmonalis, 25; enteric fever, 3; croup, 2; diphtheria, 1; measles, 3, and whooping cough, 6.

PUBLICATIONS RECEIVED.

Report of the health officer of the city of Sacramento, Cal. 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 pulmonalis.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Amesbury, Mass.	July 4	9,798	4							3		1		
Ashtabula, Ohio	do	8,338	0											
Do	July 11	8,338	2	1										
Auburn, N. Y.	June 27	25,858	6											
Do	July 4	25,858	8											
Baltimore, Md.	July 11	434,439	260	18						7	1			3
Battle Creek, Mich.	July 4	13,197	2											
Belleville, Ill.	June 27	15,361	10											
Do	July 4	15,361	4	1										
Bennington, Vt.	July 11	6,391	2											
Binghamton, N. Y.	do	35,005	12									1		
Boston, Mass.	do	448,477	222	24						2	1	7	1	1
Bridgeport, Conn.	July 4	48,866	23	6						2	1	2		
Do	July 11	48,866	31							1		1		
Bristol, R. I.	July 4	5,478	0											
Do	July 11	5,478	5	1										
Brookton, Mass.	July 4	27,294	7	3										
Brooklyn, N. Y.	July 11	806,343	588	45						2	7	22	5	3
Butler, Pa.	do	8,734	2											
Cambridge, Mass.	do	70,028	39	6										
Charleston, S. C.	July 4	*54,955	†56	8						1		2		
Chattanooga, Tenn.	July 11	29,100	7	1										
Chester, Pa.	June 6	20,226	8	2										
Do	June 13	20,226	4											
Do	June 20	20,226	11									1		
Do	June 27	20,226	9											
Chicago, Ill.	July 4	1,099,850	547	42						7	1	16		5
Cincinnati, Ohio.	July 10	296,908	112	12								3	1	2
Cleveland, Ohio	July 11	261,353	143							7	1	2	20	4
Columbus, Ind.	do	6,719	2	1										
Columbus, Ohio	do	88,150	20	5										
Concord, N. H.	July 4	17,044	6											
Dayton, Ohio	July 9	61,220	23	4		1								
Dedham, Mass.	July 4	7,123	2									2		
Denver, Colo.	do	106,713	28	3										
Dunkirk, N. Y.	do	9,416	1											
Do	July 11	9,416	2											
El Paso, Tex.	July 4	10,338	5	2										
Emporia, Kans.	do	7,551	5											
Erie, Pa.	July 5	40,634	9	2										
Everett, Mass.	July 10	11,068	4											
Fall River, Mass.	July 11	74,398	73	3										
Fitchburg, Mass.	do	22,037	8							1				
Flint, Mich.	July 4	9,803	0											
Do	July 11	9,803	0											
Gloucester, Mass.	July 4	24,651	10									1		1
Grand Rapids, Mich.	do	60,278	12	1										
Do	July 11	60,278	12	2										
Haverhill, Mass.	do	27,412	13											
Hoboken, N. J.	July 4	43,648	45	4								1		
Hornellsville, N. Y.	July 4	10,996	1											
Do	July 11	10,996	5											
Ironton, Ohio	do	10,939	3											
Jacksonville, Fla.	July 4	17,201	15	3										
Do	July 11	17,201	19											
Jamestown, N. Y.	July 4	16,038	5	2										1
Jersey City, N. J.	July 5	163,003	95	10								9		1
Do	July 12	163,003	90	11						1	1	6	1	2
Kalamazoo, Mich.	July 4	17,853	6											
Lancaster, Pa.	do	32,011	17	2										
Lynchburg, Va.	July 11	19,709	5							1		2		
McKeesport, Pa.	July 4	20,741	15								1			
Manchester, N. H.	do	44,126	30											
Massillon, Ohio	do	10,092	2											
Do	July 11	10,092	4											
Medford, Mass.	do	11,079	7									1		
Melrose, Mass.	July 4	8,519	4											
Memphis, Tenn.	July 11	64,495	30	4										3
Middletown, Ohio	do	7,681	3							1				
Milwaukee, Wis.	July 4	204,468	68	5						1		2	1	
Do	July 11	204,468	87	8										
Mobile, Ala.	do	31,076	16	3										1

* Estimated population, white, 28,870; colored, 36,295. Total, 65,165. † White, 15; colored, 41.

MORTALITY TABLE, CITIES OF THE UNITED STATES—Continued.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—												
				Phthisis pulmonalis.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.		
Nashville, Tenn.	.....do.....	76,168	39	8												1
New Bedford, Mass.	.....do.....	40,733	29	1												
New Brighton, N. Y.	July 4	16,423	10													1
Newburyport, Mass.	.....do.....	13,947	7													
New Haven, Conn.	July 6	81,298	40	1												
New Orleans, La.	July 4	242,039	118	10		3				2			5			2
Do	July 11	242,039	117	19										1		3
Newport, R. I.	.....do.....	19,457	4													
New York, N. Y.	.....do.....	1,515,301	967	82						5	6	26	10			11
Norristown, Pa.	July 4	19,791	1													
Do	July 11	19,791	6													
North Adams, Mass.	.....do.....	16,074	18													
Omaha, Nebr.	July 4	140,452	20	2												
Oneonta, N. Y.	July 11	6,272	1													
Pensacola, Fla.	.....do.....	11,750	5							1						
Pittsfield, Mass.	.....do.....	17,281	7													
Plainfield, N. J.	June 27	11,267	5													
Do	July 4	11,267	11													
Philadelphia, Pa.	.....do.....	1,046,964	422	51						10	1	11	1			3
Portland, Me.	.....do.....	36,425	7	1												
Do	July 11	36,425	10	2									2			
Poughkeepsie, N. Y.	.....do.....	22,206	6										1			
Do	July 11	22,206	13	2												
Providence, R. I.	.....do.....	132,146	74	2						1			1			4
Pueblo, Colo.	July 4	24,558	9	2						2			1			
Richmond, Va.	.....do.....	81,388	48	4												
Do	July 11	81,388	33	1												
St. Louis, Mo.	July 4	451,770	259	20						1						1
Do	July 11	451,770	181	26						3			1			4
Salt Lake City, Utah	July 4	44,843	10										2			2
San Diego, Cal.	.....do.....	16,159	5													
San Francisco, Cal.	.....do.....	298,997	125	19						2						1
Santa Barbara, Cal.	.....do.....	5,864	4													
Scranton, Pa.	.....do.....	75,215	50	2						1	2	2				
Seattle, Wash.	.....do.....	42,837	7	1												
Shreveport, La.	July 11	11,979	4	1												
Somerville, Mass.	.....do.....	40,152	20													
Spokane, Wash.	June 4	19,922	5										2			
Springfield, Mass.	.....do.....	44,179	11	1												
Do	July 11	44,179	22	3									1			
Sterling, Ill.	July 4	5,824	6													
Superior, Wis.	.....do.....	11,983	3													
Taunton, Mass.	July 11	25,448	13	2						2						
Urbana, Ohio	July 4	6,510	1													
Do	July 11	6,510	3													
Waltham, Mass.	.....do.....	18,707	6													
Warren, Ohio	July 4	5,973	1													
Do	July 11	5,973	1													
Washington, D. C.	.....do.....	230,392	162	12						4		5	1			3
West Newton, Mass.	July 4	24,379	9	1												
Do	July 11	24,379	9													
Winona, Minn.	July 4	18,208	6	1												
Worcester, Mass.	July 10	84,655	33	1							1	1				
Yonkers, N. Y.	.....do.....	32,033	17	2												
Youngstown, Ohio	July 11	33,220	7	1						1						

Table of temperature and rainfall, week ended July 13, 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.....	59	5		.91	.19	
Portland, Me.....	69	3		.77	.53	
Northfield, Vt.....	66	4		.63	.77	
Boston, Mass.....	73	1		.77		.17
Vineyard Haven, Mass.....	71	3		.63	.67	
Nantucket, Mass.....	66	4		.50	1.90	
Woods Hole, Mass.....	69		1	.66		.36
Block Island, R. I.....	67	3		.70		.20
New Haven, Conn.....	72	2		1.09	.11	
Albany, N. Y.....	74	2		.90		.70
New York, N. Y.....	74		0	.93		.73
Harrisburg, Pa.....	73	1		.95	.35	
Philadelphia, Pa.....	77	1		.92		.02
New Brunswick, N. J.....	73	4		1.13		.95
Atlantic City, N. J.....	72		0	.77		.37
Baltimore, Md.....	79		3	1.12	.88	
Washington, D. C.....	79		3	1.05	.16	
Lynchburg, Va.....	79		5	.84	5.86	
Cape Henry, Va.....	77		1	1.22	.38	
Norfolk, Va.....	80		2	1.31	.69	
Charlotte, N. C.....	81		5	1.26	2.44	
Raleigh, N. C.....	80		2	1.72	1.18	
Kittyhawk, N. C.....	78		0	1.26	4.04	
Hatteras, N. C.....	77	1		1.42	.08	
Wilmington, N. C.....	81		3	1.57	2.33	
Columbia, S. C.....	82		4	1.19	5.71	
Charleston, S. C.....	83		3	1.65	3.75	
Augusta, Ga.....	82		4	1.19	3.41	
Savannah, Ga.....	84		4	1.23	.97	
Jacksonville, Fla.....	83		3	1.47	.03	
Jupiter, Fla.....	82		4	1.08	3.32	
Key West, Fla.....	84		2	.84		.34
Gulf States:						
Atlanta, Ga.....	79		5	.98	3.12	
Tampa, Fla.....	81		3	2.34	1.56	
Pensacola, Fla.....	82		4	1.44	4.46	
Mobile, Ala.....	82		4	1.44	1.86	
Montgomery, Ala.....	83		3	1.05	2.35	
Meridian, Miss.....	79		1	1.66		1.16
Vicksburg, Miss.....	82		2	1.04		.84
New Orleans, La.....	84		2	1.47		.57
Shreveport, La.....	85		5	.84		.24
Fort Smith, Ark.....	82		4	1.05		.85
Little Rock, Ark.....	81		3	.91		.51
Palestine, Tex.....	84		4	.63	.97	
Galveston, Tex.....	85		3	.62	1.78	
San Antonio, Tex.....	84		2	.43	1.77	
Corpus Christi, Tex.....	84		2	.22	.88	
Ohio Valley and Tennessee:						
Memphis, Tenn.....	81		3	.78		.48
Nashville, Tenn.....	80		6	1.01	1.49	
Chattanooga, Tenn.....	78		4	.90	.90	
Knoxville, Tenn.....	77		5	.98	1.02	
Louisville, Ky.....	80		6	.84		.24
Indianapolis, Ind.....	77		3	.98		.98
Cincinnati, Ohio.....	78		6	.77	.67	
Columbus, Ohio.....	77		5	.76	.54	
Parkersburg, W. Va.....	76		4	.98		.78
Pittsburg, Pa.....	75		3	1.13		.43
Lake Region:						
Oswego, N. Y.....	70		0	.70	.10	
Rochester, N. Y.....	73		1	.70	.00	
Buffalo, N. Y.....	70		2	.72		.22
Erie, Pa.....	74		2	.60		.80
Cleveland, Ohio.....	72		0	.79	.01	
Sandusky, Ohio.....	76		4	.70	.20	
Toledo, Ohio.....	77		5	.70	.10	
Detroit, Mich.....	72		0	.77		.17
Lansing, Mich.....	72		2	.78	.22	
Port Huron, Mich.....	71		1	.53		.23
Alpena, Mich.....	66	2		.65		.55
Sault Ste. Marie, Mich.....	62	4		.70		.70
Marquette, Mich.....	67	1		.70		.60

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

Table of temperature and rainfall, week ended July 13, 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.....	70	0		.70		.70
Grand Haven, Mich.....	71		3	.63		.63
Milwaukee, Wis.....	71	3		.73		.73
Chicago, Ill.....	73	1		.78		.78
Duluth, Minn.....	68	2		.88		.48
Upper Mississippi Valley:						
St. Paul, Minn.....	73	1		.77		.67
La Crosse, Wis.....	75		1	.96		.96
Dubuque, Iowa.....	75		1	1.03		1.03
Davenport, Iowa.....	76		2	.84		.84
Des Moines, Iowa.....	76		4	.80		.80
Keokuk, Iowa.....	78		4	.95		.95
Springfield, Ill.....	79		7	.66		.66
Cairo, Ill.....	79		3	.78		.78
St. Louis, Mo.....	79		3	.84		.84
Missouri Valley:						
Columbia, Mo.....	76		4	1.17		1.17
Springfield, Mo.....	78		6	1.12		.97
Kansas City, Mo.....	79		6	.97		.97
Wichita, Kans.....	80		5	.75		.55
Concordia, Kans.....	77		5	.70	.40	
Lincoln, Nebr.....	77		5	.66		.46
Omaha, Nebr.....	78		4	1.14		1.14
Sioux City, Iowa.....	78	0		.77		.77
Yankton, S. Dak.....	73	1		.91		.91
Valentine, Nebr.....	74	0		.60		.10
Huron, S. Dak.....	71	0		.70		.70
Pierre, S. Dak.....	75	3		.52		.02
Moorhead, Minn.....	67	5		.91		.51
Bismarck, N. Dak.....	69	7		.56		.16
Williston, N. Dak.....	69	5		.53		.13
Rocky Mountain Region:						
Havre, Mont.....	67	9		.54		.54
Helena, Mont.....	66	10		.30		.10
Miles City, Mont.....	73	7		.32		.12
Rapid City, S. Dak.....	70	8		.36		.36
Spokane, Wash.....	68	8		.21		.01
Wallawalla, Wash.....	74	8		.07	.03	
Baker City, Oreg.....	67	5		.18	.42	
Winnemucca, Nev.....	70	6		.07	.13	
Salt Lake City, Utah.....	75	3		.13	.47	
Lander, Wyo.....	68	6		.21		.01
Cheyenne, Wyo.....	69	1		.41		.11
North Platte, Nebr.....	75		3	.65		.65
Denver, Colo.....	74	0		.38		.38
Pueblo, Colo.....	75		1	.47	.03	
Dodge City, Kans.....	79		3	.70	.30	
Oklahoma City, Okla.....	80		6	.89		.19
Amarillo, Tex.....	77		5	.51		.41
Abilene, Tex.....	84		6	.36	.84	
Santa Fe, N. Mex.....	70		4	.54	.36	
El Paso, Tex.....	84		6	.45		.25
Phoenix, Ariz.....	90	2		.14	.16	
Pacific Coast:						
Tatoosh Island, Wash.....	56			.52		
Port Angeles, Wash.....	56			.07		
Fort Canby, Wash.....	58	2		.26		.26
Astoria, Oreg.....	63	1		.31		.31
Portland, Oreg.....	67	3		.15		.15
Roseburg, Oreg.....	66	6		.13		.13
Eureka, Cal.....	56	2		.07		.07
Red Bluff, Cal.....	80	10		.00		.00
Carson City, Nev.....	67			.07		
Sacramento, Cal.....	73	11		.00		.00
San Francisco, Cal.....	60	2		.00		.00
Fresno, Cal.....	82	10		.00		.00
Los Angeles, Cal.....	70	2		.00		.00
San Diego, Cal.....	68	0		.00		.00
Yuma, Ariz.....	91	5		.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 16, 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	
	Mar. 1-Mar. 31....	.....	4	
Singapore.....				
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	.....
	June 8-June 17....	1	.....
Osaka Fu.....	Apr. 25.....	1	.....
	Apr. 28-May 8....	1	1	
	May 23-May 30....	1	.....
	June 8-June 17....	1	.....
Shimane Ken.....	Apr. 18.....	1	.....
Tokyo Fu.....	Apr. 17.....	1	1	
	June 8-June 17....	4	.....
Gumma Ken.....	.....do.....	1	.....
Kochi Ken.....	.....do.....	1	.....
Tochigi Ken.....	.....do.....	1	.....
Wakayama Ken.....	.....do.....	1	.....
Yamaguchi Ken.....	.....do.....	1	.....
Yehime Ken.....	.....do.....	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	
Orel (government).....	.....do.....	17	6	

*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.
Russia—Continued.				
St. Petersburg.....	Nov. 16-Dec. 1...	85	31	Cholera. Do.
	Dec. 1-Dec. 23...	275	178	
	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	
	Dec. 29-Jan. 11...	8	8	
	Jan. 12-Jan. 25...	3	.....
	Feb. 1-Feb. 8...	2	.....
Volhynia (government).....	Oct. 13-Nov. 10...	2,297	952	
	Nov. 10-Nov. 30...	609	294	
	Dec. 1-Dec. 14...	104	55	
	Dec. 14-Dec. 23...	24	12	
	Dec. 29-Jan. 11...	.....	1
Turkey:				
Constantinople.....	Dec. 17-Jan. 15...	3	3	Reports dated January 21, 1896, state "about 1 death per week." Cholera reported.
Brenna.....	Jan. 17.....	Cholera reported in 3 localities.
Bitlis and Seert.....	Jan. 15-Jan. 20...	11	7	
Diarbekir.....	Jan. 16.....	.....	.....
Gazran.....	Dec. 21-Jan. 14...	67	42	

YELLOW FEVER.

Argentine Republic.....	Mar. 1-Mar. 31...	.....	5	On vessels from Rio de Janeiro.
Brazil:				
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. 23...	.....	136	
	Dec. 28-Jan. 11...	.....	190	
	Jan. 11-Feb. 1...	.....	382	
	Feb. 1-Feb. 8...	.....	111	
	Feb. 8-Feb. 29...	.....	594	
	Mar. 1-Mar. 14...	.....	468	
	Mar. 14-Mar. 23...	.....	459	
	Mar. 23-Apr. 11...	.....	305	
	Apr. 11-June 13...	.....	359	
Niteroy.....	Apr. 21.....	.....	.....	Yellow fever reported.
Pernambuco.....	Nov. 1-Nov. 15...	8	.....
	Apr. 1-Apr. 30...	.....	8	
	May 1-May 31...	.....	2	
Bahia.....	Mar. 31.....	.....	.....	Do.
Sao Paulo.....	do.....	.....	.....	Do.
Araraguara.....	Apr. 4.....	.....	.....	Do.
Belem.....	do.....	.....	.....	Do.
Bicas.....	do.....	.....	.....	Do.
Barrado Pirahy.....	do.....	.....	.....	Do.
Campinas.....	Apr. 7-May 5...	115	.....	Do.
Casa Branca.....	May 5.....	.....	.....	Do.
Descalvado.....	Apr. 4.....	.....	.....	Do.
Dores de Pirahy.....	Apr. 11.....	.....	.....	Do.
Iahu.....	Apr. 4-May 5...	.....	.....	Do.
Iaboticabal.....	do.....	.....	.....	Do.
Limeira.....	do.....	.....	.....	Do.
Leopoldina.....	Apr. 11.....	.....	.....	Do.
Parahybuna.....	Apr. 4.....	.....	.....	Do.
Porto Novo.....	Apr. 11.....	.....	.....	Do.
Sao Carlos de Pinhal.....	Apr. 4.....	.....	.....	Do.
San Jose Nepomuceno.....	do.....	.....	.....	Do.
Santos.....	Apr. 4-May 5...	.....	.....	Do.
Parahyba do Sul Valenca.....	do.....	.....	.....	Do.
Rio Claro.....	do.....	.....	.....	Do.
Sorocaba.....	do.....	.....	.....	Do.
Uba.....	Apr. 11.....	.....	.....	Do.
Valenca.....	Apr. 4.....	.....	.....	Do.
Vassouras.....	do.....	.....	.....	Do.
Volta Grande.....	do.....	.....	.....	Do.
Cuba:				
Cardenas.....	June 6-June 27...	13	4	
	June 27-July 4...	7	2	
Cienfuegos.....	Dec. 8-Dec. 22...	.....	2	

Cholera and yellow fever, etc.—Continued.

YELLOW FEVER—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.	
<i>Cuba—Continued.</i>					
Cienfuegos	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	June 28-July 5.....		7		
	Nov. 28-Dec. 19.....	40	14		
	Dec. 26-Jan. 2.....	7	3	In military hospital.	
	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		
Manzanillo	June 25-July 9.....	105	45		
	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		
	June 27-July 4.....		7		
	Sagua la Grande.....	Dec. 1-Dec. 21.....	43	3	
		Dec. 25-Jan. 25.....	31	6	
Feb. 1-Feb. 15.....			8		
Mar. 13-Mar. 20.....		5			
Apr. 4-Apr. 11.....			3		
May 11-May 18.....				Yellow fever reported.	
Mexico:	May 25-June 6.....		30	Yellow fever reported among troops.	
	June 6-June 27.....	171	14		
Tuxpan	Jan. 11-Jan. 25.....		4		
Vera Cruz.....	May 21-May 28.....	5			
	May 28-June 5.....			Yellow fever reported.	
Peru:					
Callao.....	Apr. 5.....	2	2	On vessels from Guayaquil.	
Puerto Rico:					
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 16, 1896.

SIR: I have the honor to transmit report for the week ended June 13, 1896:

There were 2 deaths from *accessio pernicioso*, a decrease of 2; 7 from yellow fever, a decrease of 5; 5 from smallpox, an increase of 1; 11 from beriberi, an increase of 4; 2 from enteric fever, a decrease of 2; 56 from tuberculosis, an increase of 10, and 1 from influenza.

The health of the port is fair, and I have heard of only 1 or 2 cases of infectious disease amongst the shipping, and none on board ships bound for the United States.

Since last report the following-named ships have been inspected or received bills of health from this office: June 9, steamship *Rydal Water*, British, for Pensacola, Fla. June 12, bark *Valparaiso*, Danish,

for Apalachicola, Fla.; bark *Robertsfors*, Swedish, for Pascagoula, Miss., and steamship *Sirone*, British, for Baltimore, Md. June 13, steamship *Chaucer*, British, for New York, N. Y., from Santos. June 15, barkentine *Darwin*, British, for Savannah, Ga.; bark *Marian Woodside*, British, for Pensacola, Fla.; barkentine *Ramona*, British, for Savannah, Ga., and steamship *Carib Prince*, British, for New York, from Santos. June 16, steamship *Carolina*, French, for New Orleans, La., from Santos.

Respectfully, yours,

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

CHINA.

Report on the plague in Canton.

The following report on the plague in Canton was received from the United States consul at Canton, under date of June 8, 1896:

Good health generally prevails except that in some localities in Canton and in the province of Kwang-Tung, the plague has caused many deaths. In Canton the plague is believed to have abated considerably, and by August probably it will be burned out "by summer heat," as was the case in 1894.

CUBA.

Yellow fever and smallpox at Cuban seaports.

SANTIAGO DE CUBA, July 4, 1896.

SIR: I have the honor of submitting the following report on the sanitary condition of Santiago de Cuba for the week ended Saturday, July 4: Yellow fever, 9 deaths; smallpox, 41; typhoid fever, 1; remittent fever, 5; diarrhea, 6; dysentery, 10, and the rest of the deaths from common diseases not contagious or infectious, making a total of 90 deaths for the week.

Smallpox is taking a most virulent form, and the number of cases increases daily. Yellow fever has also taken a malignant character, and all the cases end fatally, at present. Dysentery is causing many deaths, and malaria is fearfully severe among the children, many of whom die from the pernicious form of intermittent fever.

I believe that I forgot to mention that 80 per cent of the smallpox cases are in nonvaccinated colored people, and that they are completely opposed to being vaccinated while the epidemic rages, from fear of catching the disease.

The government will make vaccination compulsory now, and physicians appointed for that purpose will go from house to house, vaccinating and revaccinating.

Respectfully, yours,

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

Under date of July 6, 1896, the United States consul at Cienfuegos reports that there were 7 deaths from yellow fever in Cienfuegos during the week ended July 4. During the same period there were 62 deaths from smallpox.

The United States commercial agent at Cardenas reports that during the week ended July 4 there were 7 cases of yellow fever in Cardenas, of which 2 were fatal.

The United States sanitary inspector at Habana reports that during the week ended July 9 there were 50 cases of yellow fever, with 20 deaths therefrom, in Habana.

GERMANY.

Denial of press reports of cholera in Dantzic.

In reply to a cablegram addressed to the United States consul-general at Berlin, inquiring whether there were any cholera cases in Dantzic, as reported in the press, the following answer was received:

BERLIN, July 10, 1896.

False alarm. Not Asiatic (cholera).

KAY,
United States Consul-General.

JAPAN.

Report of infectious diseases in Japan.

YOKOHAMA, June 17, 1896.

SIR: I have the honor to forward the following return of epidemic disease in Japan from June 8, the date of my last report, up to yesterday:

Cholera.—Tokyo Fu, 4 cases; Osaka Fu, 1 case; Fukuoka Ken, 1 case; Gumma Ken, 1 case; Kochi Ken, 1 case; Tochigi Ken, 1 case; Wakayama Ken, 1 case; Yamaguchi Ken, 1 case; Yehime Ken, 1 case.

Relapsing fever.—Kagawa Ken, 486 new cases since June 7; Tokushima Ken, 113 new cases since June 7.

The reports from the following fu and ken, returned in my last as infected, are incomplete, though in all the disease is still present and, in most, increasing: Chiba Ken, Fukushima Ken, Gifu Ken, Gumma Ken, Hiogo Ken, Kanagawa Ken, Nagano Ken, Okayama Ken, Shidzuoka Ken, Tochigi Ken, Tokyo Fu, Osaka Fu, Kioto Fu.

The kens of Shiga and Niigata have also been invaded by spirillum fever since my last report.

Plague.—Plague still exists as an epidemic of a not very extensive character in the island of Formosa, and there only, within the limits of this Empire. Statistics are, however, entirely wanting.

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

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

LEEWARD ISLANDS.

Quarantine imposed against St. Christopher.

[From the Leeward Islands Gazette.]

COLONIAL SECRETARY'S OFFICE, June 19, 1896.

It is hereby notified that at a meeting of the executive council of Antigua held this day quarantine has been imposed against the presidency of St. Kitts-Nevis.

GEO. MELVILLE,
Colonial Secretary.

The above refers to 2 deaths, supposed to be from yellow fever, which occurred at St. Christopher. It is difficult to get any definite information.

M. B. BARTLEMAN,
United States Consul.

Under date of July 2, 1896, the United States consul at St. Christopher reports as follows :

This island has been quarantined by some of the neighboring islands for a supposed outbreak of yellow fever, but the chief medical officer here is issuing clean bills of health, the only disease thereon noted being measles, which is in an epidemic form. At present I know of no cases of fever of any sort in town, but there have been 5 deaths from fever during the last three weeks, which the chief medical officer calls "bilious remittent," the last death having taken place on Saturday, the 27th ult.

MEXICO.

Sanitary report from Tampico.

TAMPICO, MEXICO, *July 6, 1896.*

SIR: I had the honor to respond to your cablegram: "No semblance of yellow fever here. Perfectly healthy." I again repeat the statement frequently made, "No yellow fever here since 1878." This assertion is made by reliable persons. My personal observation does not extend beyond November, 1893.

Death reports, 1896.—January, 53; February, 42; March, 50; April, 50; May, 43; June, 44. Population, 12,000.

Official statement for May.—Fifteen deaths, children under 4 years, 6 of whom were under 4 months; 2 deaths from smallpox; 16 deaths from consumption; 4, malarial fever; 6, general causes; total, 43.

Fully one-half of the deaths were persons who did not have medical attendance. More than three-quarters of the population are Indians, mixed breeds, who place their reliance in herbs, many of whom have never taken a dose of medicine as we understand the term.

I can not obtain detailed reports for June for a few days yet.

Monthly reports are obtainable about 15th of each month, as they are made to the municipality.

I am, sir, your obedient servant,

JOHN MAGUIRE,
United States Consul.

TURKEY.

Sanitary report of Turkey.

[Report No. 154.]

CONSTANTINOPLE, *June 24, 1896.*

SIR: Pilgrims coming back from the Hedjaz are arriving in Constantinople. There are about 4,000 who have already arrived in good health.

The sanitary news received from the different provinces of the Turkish Empire is good. The epidemics which prevailed in the districts of Marash and Zeitum, in Western Armenia, and which were a consequence of the massacres which have occurred in those places, as well as in all Asia Minor, have nearly disappeared. The physicians who have been

sent to these places by the American Mission under the presidency of Miss Barton have already come back.

From Diarbekir we received contradictory sanitary news. The sanitary physician states that public health in Diarbekir is good. On the contrary, the French sanitary commissioner stated in yesterday's meeting of the international sanitary commission that according to consular reports spotted typhus is raging there.

No news from Bitlis, from which place it was announced two weeks ago that bubonic plague had made its appearance among the troopers of Hamidieh cavalry.

Cholera is declining in the two large towns of Egypt—in Alexandria and Cairo—but it spreads in the other towns and villages. In Alexandria, for instance, the largest number of cholera deaths occurred on the 20th instant, viz, 6. In Cairo, on the 15th instant, the number of cholera deaths was 16, but on the 16th, 17th, 18th, and 19th instants the number was 11 and 10 cholera deaths per day. In the other localities of Egypt the number of deaths reached 150 per day.

In Constantinople public health is rather good. There are always some cases of measles, scarlet fever, and smallpox, some of which prove fatal.

SPIRIDION C. ZAVITZIANO.

STATISTICAL REPORTS.

AUSTRALIA—Brisbane.—Month of March, 1896. Estimated population, 93,657. Total deaths, 73, including diphtheria, 1, and whooping cough, 1.

Month of April, 1896. Total deaths, 61. No deaths from contagious diseases reported.

Sydney.—Month of April, 1896. Estimated population, 408,500. Total deaths, 439, including enteric fever, 17, and diphtheria, 13.

BAHAMAS—Dunmore Town.—Two weeks ended July 3, 1896. Estimated population, 1,472. One death. No death from contagious disease.

Governors Harbor.—Two weeks ended July 4, 1896. Estimated population, 1,500. No deaths.

Green Turtle Cay—Abaco.—Two weeks ended July 1, 1896. Estimated population, 3,900. No deaths.

BERMUDA.—Two weeks ended July 3, 1896. Estimated population, 15,013. Total deaths, 2. No deaths from contagious diseases.

CHILI—Antofagasta.—Month of May, 1896. Estimated population, 13,456. Total deaths, 50, including 4 from phthisis pulmonalis.

CUBA—Habana.—Under date of July 10, 1896, the United States sanitary inspector reports as follows:

There were 225 deaths in this city during the week ended July 9, 1896. Twenty of those deaths were caused by yellow fever, with approximately 50 new cases; 10 were caused by enteric fever, 3 by so-called pernicious fever, 2 by paludal fever, 6 by dysentery, 18 by enteritis, 15 by smallpox, 3 by pneumonia, 2 by glanders, and 33 by tuberculosis. Of the 20 deaths by yellow fever during the week, 19 occurred among the Spanish troops in the military hospital.

GREAT BRITAIN—*England and Wales.*—The deaths registered in 33 great towns of England and Wales during the week ended June 27 correspond to an annual rate of 16.9 a thousand of the aggregate population, which is estimated at 10,846,971. The highest rate was recorded in Liverpool, viz, 23.3 and the lowest in Norwich, viz, 8.6 a thousand.

London.—One thousand three hundred and seventy deaths were registered during the week, including smallpox, 13; measles, 79; scarlet fever, 15; diphtheria, 37; whooping cough, 60; enteric fever, 5, and diarrhea and dysentery, 89. The deaths from all causes correspond to an annual rate of 16.2 a thousand. In greater London 1,758 deaths were registered, corresponding to an annual rate of 14.8 a thousand of the population. In the "outer ring" the deaths included 7 from diphtheria, 29 from measles, 20 from whooping cough, and 4 from scarlet fever.

Ireland.—The average annual death rate represented by the deaths registered during the week ended June 27 in the 16 principal town districts of Ireland was 24.2 a thousand of the population. The lowest rate was recorded in Lurgan, viz, 4.6, and the highest in Sligo, viz, 45.7 a thousand. In Dublin and suburbs 171 deaths were registered, including scarlet fever, 1, and whooping cough, 2.

Scotland.—The deaths registered in 8 principal towns during the week ended June 27 correspond to an annual rate of 17.1 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 Dundee, viz, 19.6 a thousand. The aggregate number of deaths registered from all causes was 500, including scarlet fever, 3; diphtheria, 4; measles, 28, and whooping cough, 15.

MORTALITY TABLE, FOREIGN CITIES.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—									
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.	
Acapulco.....	June 23	5,000	6										
Aix la Chapelle.....	do	111,246	39										2
Alexandria.....	May 27	231,396	353	107		1				1	4		
Amherstburg.....	July 4	2,300	1										
Amsterdam.....	June 27	487,772	109					2		2	15		6
Antofagasta.....	May 31	13,456	11										
Belleville.....	July 6	10,459	4										
Birmingham.....	June 27	501,241	191						3	3	3		10
Bologna.....	do	148,143	82										
Bombay.....	June 9	821,764	514	10		11					4		
Bordeaux.....	Apr. 4	256,906	49							1	1		
Do.....	Apr. 11	256,906	107								1		
Do.....	Apr. 18	256,906	113					1					1
Do.....	Apr. 25	256,906	120					1			8		
Do.....	May 2	256,906	117					2			7		1
Do.....	May 9	256,906	106								4		
Do.....	May 16	256,906	90					1			2		1
Do.....	May 23	256,906	89								2		
Do.....	May 30	256,906	95			1		2		1	2		1
Do.....	June 6	256,906	104								8		
Do.....	June 13	256,906	93					2		1	2		
Do.....	June 20	256,906	70								1		
Bradford.....	June 27	221,610	58							1	1		1
Bremen.....	June 20	142,000	45							1	1		
Bristol.....	June 27	230,623	77					2	2		3		3
Brussels.....	June 20	507,985	193					1		1	6		1
Cairo.....	May 27	374,838	802	261		7	5	9			39		1
Calcutta.....	May 30	681,560	403	71		7				1			
Callao.....	June 14	25,000	32			7							
Cardenas.....	July 4	23,517	21		2		5				2		
Chatham.....	July 27	162,690	41								4		
Christiania.....	July 4	9,052	4										
Christiania.....	June 27	182,856	74								5		3
Cienfuegos.....	July 5	24,030	103		7	62		2					
Coaticook.....	July 4	2,500	2										
Cognac.....	June 27	21,000	5										
Cologne.....	June 13	325,887	170							2	22		1
Dresden.....	June 20	336,440	130						2	2			1
Dublin.....	June 27	350,000	171										
Dundee.....	do	161,620	61							1	1		
Dusseldorf.....	June 20	177,739	81										
Edinburgh.....	June 27	276,514	77						2	1			1
Flushing.....	do	16,300	3										
Frankfort on the Main.....	do	231,000	80						1				2
Genoa.....	do	211,226	87								1		
Gibraltar.....	June 21	25,800	9										
Glasgow.....	June 27	705,052	252					3	1	1	27		10
Gothenburg.....	June 20	114,000	42					2					
Guayaquil.....	June 19	50,000	63			3		32					
Halifax.....	July 4	38,700	19										
Hamburg.....	June 27	625,552	224					1	1		13		2
Hongkong.....	June 20	232,662	(2)										
Honolulu.....	do	28,000	10										
Kingston.....	July 10	17,955	3										
Konigsberg.....	June 27	171,700							1		2		
Leeds.....	do	395,546	157								4		3
Leghorn.....	do	103,434	30										
Leith.....	do	74,110	19										
Liverpool.....	do	641,063	286					2	4	1	8		6
London, Canada.....	July 4	34,429	5										
London, England.....	June 27	6,178,376	1,758			1		12	19	44	108		80
Lyons.....	June 20	500,000	149							1			1
Madras.....	June 5	452,518	329			1					8		
Madrid.....	June 23	482,816	331			15		11		3	17		
Magdeburg.....	June 13	214,161	101							5			
Manchester.....	June 27	531,697	197						4	1	13		9
Mannheim.....	June 20	88,400	33							1			
Maracaibo.....	June 13	50,000	25										
Do.....	June 20	50,000	20										
Matamoras.....	July 3	8,000	3										
Matanzas.....	July 1	55,000	53		46			3					
Mayence.....	June 27	74,917	25										

* 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.	
Melbourne	May 2	1,140,405						2					
Do	May 9	1,140,405						3			4		
Do	May 16	1,140,405						1			1		
Do	May 23	1,140,405						1			1		
Do	May 30	1,140,405						2			1		
Messina	June 27	107,000	24										
Montevideo	June 6	215,061	64					1			1		
Munich	do	406,000	167					1			1		
Newcastle on Tyne	June 27	212,223	65					1			1		5
Nuremberg	June 13	163,012	7								1		
Odessa	June 20	353,000	119		3		1		2		3	1	1
Osaka and Hiogo	June 6	161,120	111					3			1		
Do	June 13	161,120	131		18						1		
Paris	June 27	2,511,955	306										
Plymouth	June 27	89,636	25					2	5	7	10		2
Prague	June 20	198,017	144					8		2	6		1
Puerto Cortes	July 1	1,856	0										
Rio de Janeiro	June 13	650,000	284		7	5		2					
Rotterdam	June 27	280,231	74				1						
Sagua la Grande	do	17,538	39										
St. Georges	June 20	2,150	1		6								
Do	June 27	2,150	1										
St. Johns	June 20	36,119	10										
Do	June 27	36,119	10										
St. Petersburg	June 20	954,400	619			10	2	23	20	16	13		3
St. Stephens	July 4	3,000	0										
San Juan del Norte	June 20	1,280	0										
Do	June 27	1,280	0										
Schiedam	do	26,233	8										
Southampton	June 20	94,093	32					1					
South Shields	June 27	92,773	31					1	2		8		
Stettin	June 21	142,000	94					1	1				
Stockholm	June 20	267,100										4	4
Stuttgart	June 25	158,378	43										
Swansea	June 20	98,250	25					1					
Tegucigalpa	June 13	14,000	4										
Do	June 20	14,000	2										
Trieste	do	158,314	89						1	2	3		
Tuxpan	do	10,280	11										
Venice	do	161,480	53		1								
Vera Cruz	July 2	27,065	24										
Warsaw	June 13	553,643	250			4	1		6		5		3
Yokohama	May 29	126,685						1					
Do	June 5	126,685											
Zurich	June 20	145,000	55			2							3

By authority of the Secretary of the Treasury :

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