

Public Health Reports.

(Formerly "Abstract of Sanitary Reports.")

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WASHINGTON, D. C., JULY 31, 1896.

No. 31.

UNITED STATES.

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

The smallpox outbreak at Key West, Fla.

KEY WEST, FLA., *July 21, 1896.*

SIR: I have the honor to report as follows, upon the epidemic of smallpox at this port and the measures taken to meet the same. I found upon my arrival a total of 27 cases and 7 deaths. Two new cases have occurred since and an additional case came under consideration to-day. Dr. Porter and I will endeavor to make diagnosis to-morrow on this last. One patient in a Cuban family is a white child. All others are negroes and are almost without exception in close, squalid, and illy ventilated quarters, which by reason of their proximity to others, being separated only by unsubstantial board fences, can not under any conceivable circumstances be efficiently isolated from other houses. Fully three-fourths of these people are desquamating, and being nearly well are chafing under restraint and will most probably invade other premises in secret. Indeed, they probably have done so, as the case reported to-day is in a heretofore uninfected house.

As stated in my telegram of 20th, Passed Assistant Surgeon Guitéras had already turned over to State Health Officer J. Y. Porter the 25 tents sent from New York, and upon my arrival I found a camp provided for. * * *

The hospital, a spacious, airy building, well located and finely adapted for either smallpox or yellow fever, is very nearly ready (probably two days more work will complete it) and the tents were fully ready on Friday, 17th instant, when Dr. Porter called upon the mayor to place the sick and suspected in camp. This was not done, the attempt resulting in the assembly of a mob and the imminent danger of riot. He then ordered the sheriff to carry out the law, but that officer made no attempt to do so.

Dr. Porter then decided that the city must guard, feed, nurse, and treat her own sick; and that his duty to the State was paramount to

all other, and therefore he should quarantine Key West until Key West should come to reason and allow these people to be placed where they would do no further harm. He took what I consider the just ground, that the State ought not to be expected to maintain fourteen distinct pest centers in the city limits at a large cost, when it had already provided one which was competent to care for all, and allow the rapid disinfection of all the infected spots. * * *

As to my own part in the matter, I beg to state that under your instructions I informed Dr. Porter that I would equip and run the camp, with result as above stated. I have visited the cases, and studied the situation, and am convinced that it will be a long-drawn-out epidemic if anything so ill-advised as allowing cases to remain at home is attempted. In my first interview with Dr. Porter, I advised house-to-house inspection and vaccination. * * * The very peculiar population, representing all parts of the world, and the Latin and African races very largely in the majority, renders such systematic work as might be easily done in other States very difficult here. I beg to report that I borrowed the launch *Gamma* of Passed Assistant Surgeon Guitéras yesterday, and manning her, made an inspection, with Dr. Porter, of two outlying keys where smallpox was said to exist, but the report was false. * * *

I shall report every occurrence of importance by wire.

Very, respectfully,

J. H. WHITE,

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

KEY WEST, FLA., *July 25, 1896.*

Assumed charge of camp to-day; found 1 new case. Need probably \$80 worth clothing to facilitate disinfection persons; will purchase. Send formalin and 10 pounds bichloride. Porter and I disinfect houses next week; hope to soon close the whole matter. Full details by to-day's mail.

WHITE,

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

KEY WEST, FLA., *July 25, 1896.*

SIR: I have the honor to report that upon request of Dr. Joseph Y. Porter, State health officer of Florida, I this day assumed the command and expenses of the smallpox camp heretofore established under the name of "Camp Patterson." * * *

Dr. Porter found that the cleansing of the city and hunting out of new cases would occupy all means at his disposal, and hence requested me to-day to accept the charge in accordance with original offer which I made him in behalf of this service. There have been no new foci of diseases since my arrival on July 14, but several new cases have occurred. One discovered to-day adds no little to our perplexities. A small negro boy ran away from home one week ago, and returned last night with well marked variola discreta. No clue can be obtained as to the whereabouts of this boy during the past week, and the eruption is apparently in the fourth or fifth day.

All the cases and all the suspects so far known are at the camp at this writing, save three families, and two of these will be so placed this evening, and the other to-morrow morning.

The State has outfitted camp and will bear that expense, so that there will be no question of property to attend to at the close. As stated in my telegram to-day, I will buy a few suits of cheap clothing to facilitate

the discharge of persons, and these can be returned and disinfected if the bureau so elect, and I ask instruction on this point. I submit nominations of guards and cooks in another letter and will submit those for nurses to-morrow.

Failing the occurrence of new foci, and this at present seems unlikely, I believe I will be able to announce the closure of the camp in one month.

The battle ship *Maine* has, by means of launches, patrolled the harbor and returned all nonvaccinated crews, and the value of this service, in conjunction with similar work done by the Florida health board steamer *Germ*, has been very great in enforcing vaccination. Hundreds who were dodging vaccination have been reached thereby.

So much of revaccination has been done that I consider the result worth what the epidemic has cost in the way of future immunity, and the quarantining of the island has tended to make vaccination popular and to turn public opinion in the direction of favoring the camp—two excellent results, which, in my opinion, fully justify the enforcement of it by Dr. Porter.

Every endeavor will be made, both in the city and at the camp, to bring matters to a conclusion at the earliest moment. * * *

Very respectfully,

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

KEY WEST, July 26, 1896.

One new case, all at camp. Two suspects and 1 old case discharged. All last cases in old foci and expected. Do not think many more will occur in town.

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

KEY WEST, FLA., July 27, 1896.

One new case in camp. * * * Nothing new in city.

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

KEY WEST, FLA., July 28, 1896.

One new case, none discharged. * * *

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

KEY WEST, FLA., July 29, 1896.

Nothing new to-day. One house thoroughly disinfected. * * *

WHITE,
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 30, 1896.**

Places.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Mobile County.....	June 5.....	1		
	July 5.....	1		
Florida:				
Key West.....	June 25-July 26....	29	7	
Pensacola	May 20-July 4.....	5	2	
	July 11-July 18....	1		
Indiana:				
Indianapolis.....	May 29.....	1		
Louisiana:				
New Orleans.....	May 9-July 18....	83	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 includ- ing 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.

Report of immigration at Boston for the week ended July 25, 1896.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,

Port of Boston, July 26, 1896.

Number of alien immigrants who arrived at this port during the week ended July 25, 1896; also names of vessels and ports from which they arrived.

Date.	Vessel.	Where from.	No. of immigrants.
1896			
July 19	Steamship Yarmouth.....	Yarmouth.....	91
July 20	Steamship Barnstable.....	Port Antonio.....	3
Do.....	Steamship Halifax.....	Halifax.....	62
Do.....	Steamship Catalonia.....	Liverpool and Queenstown.....	222
Do.....	Schooner Mary F. Smith.....	Lockport.....	1
Do.....	Barkentine Essex.....	Surinam.....	4
Do.....	Steamship Roman.....	Liverpool.....	1
July 21	Schooner Phyllis.....	Cloud Sound.....	2
Do.....	Steamship Lancastrian.....	Liverpool.....	1
July 22	Steamship Olivette.....	Halifax.....	10
Do.....	Steamship Boston.....	Yarmouth.....	20
Do.....	Steamship Ethelwold.....	Jamaica.....	4
July 23	Steamship Bostonian.....	London.....	3
Do.....	Steamship Pro Patria.....	St. Pierre, Miquelon.....	8
Do.....	Steamship Yarmouth.....	Yarmouth.....	49
July 25	Brigantine Leo.....	St. John.....	1
Do.....	Steamship Boston.....	Yarmouth.....	38
Do.....	Steamship Olivette.....	Halifax.....	32
	Total.....		552

THOMAS F. DELHANTY,
Commissioner of Immigration.

*Report of immigration at Philadelphia for the week ended July 25, 1896.***OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,**
*Port of Philadelphia, July 25, 1896.**Number of alien immigrants who arrived at this port during the week ended July 25, 1896 ;
also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
1896.			
July 19	Steamship Waesland	Liverpool and Queenstown	130
July 23	Steamship Manhattan	Liverpool	2
	Total		132

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

QUARANTINE REPORTS.

National quarantine stations.

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

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Cape Charles, Va.....	July 25	Br. ss. West Water...	July 25	Rio.....	Hampton Roads.	Held for disinfection.	.....	.....	2
Del. Breakwater, Del.....	do.....	.....	.....	.....	.....	.....	.....	.....	3
Eureka, Cal.....	July 15	Br. ss. County Antirion.*	July 8	Santos.....	Ship Island...	Disinfected.	July 14	No transactions.	1
Gulf, Ship Island, Miss..	July 18	Am. sc. Henrietta J. Powell.*	July 10	Vera Cruz.....	Pascagoula....	do.....	do.....	.....	.....
		Mex. sc. Tres Hermanos.*	do.....	Progreso.....	do.....	do.....	do.....	.....	.....
		Sp. ss. Pedro*.	July 11	Sagua la Grande.	Ship Island...	do.....	July 18	.....	.....
		Nor. bk. Amfinm.	July 12	Rio.....	do.....	Held for disinfection.	.....	.....	.....
		Am. sc. L. N. Dantzler.	do.....	Frontero, Mex.	Scranton.....	Disinfected.	July 17	.....	.....
		Am. sc. James Slater.	do.....	La Guayra....	Pascagoula....	do.....	do.....	.....	.....
		Am. sc. Clifton.....	July 15	Madisonville, La.	Ship Island...	Held, and clothing fumigated.	do.....	Trespassing on quarantine.	14
Port Townsend, Wash....	do.....	Br. sc. Iolanthe.....	July 18	Vera Cruz.....	do.....	Held for disinfection.	July 17	.....	14
		Am. ss. Kingston....	July 17	Victoria.....	Tacoma.....	Chinese baggage disinfected.	.....	.....	2
Reedy Island, Del.....	July 25	.....	.....	.....	.....	.....	.....	89 Chinese and 3 Korean passengers bathed and baggage disinfected.	.....
San Diego, Cal.....	July 18	.....	.....	.....	.....	.....	.....	.....	.....
San Francisco, Cal.....	do.....	.....	.....	.....	.....	.....	.....	.....	.....
South Atlantic, Sapelo Island, Ga.	do.....	Ital. bk. Rosa*.	June 23	Rio.....	Sapelo.....	Disinfected.	July 13	.....	.....
		Br. bk. Tamer E. Marshall.*	July 2	Santos.....	Savannah....	do.....	July 16	.....	.....
		Sp. bk. Trinfino*.	do.....	Habana.....	Brunswick....	do.....	.....	.....	.....
		Sp. ss. Buenaventura*.	July 5	Matanzas....	Port Royal....	do.....	July 12	.....	.....
		Br. bkn. Effendi*.	July 7	Rio.....	Savannah....	Disinfected and held.	do.....	.....	.....
		Por. bk. Servia*.	July 11	do.....	do.....	Held for disinfection.	.....	.....	.....
		Nor. bk. Augusta....	July 15	St. Paul de Loanda.	Wilmington, N. C.	do.....	.....	.....	.....
		Br. bkn. Darwin.....	July 17	Rio.....	Savannah....	do.....	.....	.....	.....
Washington, N. C.....	July 25	Br. bkn. Ramona....	July 18	do.....	do.....	do.....	.....	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 18	Nor. bk. Ferda*	July 12	Santos.....	Mobile.....	Disinfected.....	July 21	.....	2
Charleston, S. C.....	July 25	Nor. bk. Luise*	July 13	do.....	do.....	do.....	July 23	.....	1
Fort Morgan, Ala.....	do.....	Russ. bk. Antonia*	do.....	Buenos Ayres	do.....	do.....	July 25	.....	6
		Nor. bk. Elise.....	July 20	do.....	do.....	Held for disinfection.....	.....	.....	.....
		Nor. bk. Gallsburg.....	do.....	Bahia.....	do.....	do.....	.....	.....	.....
		Br. sch. M. S. Smith.....	July 23	Belize.....	do.....	Disinfected and held.....	.....	.....	.....
		Br. bk. Arizona.....	do.....	Buenos Ayres	do.....	Held for disinfection.....	.....	.....	.....
		Br. sch. Gov. Blake.....	do.....	Montego Bay.....	do.....	Disinfected and held.....	.....	.....	.....
		Ital. bk. Columbus.....	July 25	Rio.....	do.....	Held for disinfection.....	.....	.....	.....
		Sa. Traveler.....	July 24	West Indies.....	Galveston.....	Disinfected and held.....	.....	No transactions.....	21
Galveston, Tex.....	do.....		.....	.....	.....	.....	.....	.....	.....
Georgetown, S. C.....	do.....		.....	.....	.....	.....	.....	.....	.....
New Bedford, Mass.....	do.....		.....	.....	.....	.....	.....	.....	.....
Newport News, Va.....	do.....		.....	.....	.....	.....	.....	No transactions.....	2
Port Royal, S. C.....	do.....		.....	.....	.....	.....	.....	.....	.....
Providence, R. I.....	do.....		.....	.....	.....	.....	.....	.....do.....	.....

* Previously reported.

Reports of States and yearly and monthly reports of cities.

ALABAMA—*Mobile*.—Month of June, 1896. Estimated population, 37,817. Total deaths, 84, including phthisis pulmonalis, 6; enteric fever, 1, and whooping cough, 2.

CALIFORNIA—*San Francisco*.—Month of June, 1896. Estimated population, 330,000. Total deaths, 500, including phthisis pulmonalis, 66; enteric fever, 10; scarlet fever, 2; croup, 4, and whooping cough, 5.

ILLINOIS—*La Salle*.—Month of June, 1896. Estimated population, 10,750. Total deaths, 11, including phthisis pulmonalis, 1, and whooping cough, 2.

MARYLAND—*Baltimore*.—Month of June, 1896. Estimated population, white, 422,568; colored, 73,747; total, 496,315. Deaths, white, 467; colored, 180; total, 647, including phthisis pulmonalis, 76; enteric fever, 13; scarlet fever, 3; diphtheria, 17; croup, 2, and whooping cough, 7.

MASSACHUSETTS—*Worcester*.—Month of June, 1896. Estimated population, 102,000. Total deaths, 143, including 23 from phthisis pulmonalis.

MICHIGAN.—Week ended July 18, 1896. Reports to the State board of health from 47 observers indicate that cholera morbus, remittent fever, diarrhea, influenza, consumption, and neuralgia increased in area of prevalence. Phthisis pulmonalis was reported present during the week at 210 places, enteric fever at 35, scarlet fever at 25, measles at 18, diphtheria at 8, and whooping cough at 13 places.

Grand Rapids.—Month of May, 1896. Estimated population, 90,000. Total deaths, 64, including phthisis pulmonalis, 12, and croup, 1.

Month of June, 1896. Total deaths, 70, including phthisis pulmonalis, 9; enteric fever, 1, and whooping cough, 3.

NEBRASKA—*Omaha*.—Month of May, 1896. Estimated population, 140,452. Total deaths, 59, including phthisis pulmonalis, 9; enteric fever, 1, and whooping cough, 1.

Month of June, 1896. Estimated population, 140,452. Total deaths, 80, including phthisis pulmonalis, 9; scarlet fever, 1, and whooping cough, 2.

NEW HAMPSHIRE.—Month of June, 1896. Estimated population, 56,000. Total deaths, 74, including phthisis pulmonalis, 5; croup, 1; measles, 1, and whooping cough, 1.

OHIO—*Cleveland*.—Month of June, 1896. Estimated population, 330,279. Total deaths, 412, including phthisis pulmonalis, 21; enteric fever, 10; diphtheria, 6; measles, 2, and whooping cough, 4.

VIRGINIA—*Lynchburg*.—Estimated population, 30,000. Total deaths, 44, including phthisis pulmonalis, 5; enteric fever, 2, and measles, 2.

WASHINGTON—*Spokane*.—Quarter ended June 30, 1896. Estimated population, 30,000. Total deaths 59, including phthisis pulmonalis, 8; enteric fever, 1, and diphtheria, 5.

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.	Variceloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Ashtabula, Ohio.....	July 25.....	8,338	3	1									
Baltimore, Md.....	do.....	434,439	218	20						3		7	1
Battle Creek, Mich.....	July 13.....	13,197	2										
Binghamton, N. Y.....	July 25.....	35,005	18										
Boston, Mass.....	do.....	448,477	304	24						1		10	1
Braddock, Pa.....	July 18.....	8,561	8										
Bridgeport, Conn.....	do.....	48,866	32										2
Do.....	July 25.....	48,866	15	2								2	
Brooklyn, N. Y.....	July 18.....	27,294	15										
Brooklyn, N. Y.....	July 25.....	806,343	553	40						3	3	23	2
Bucyrus, Ohio.....	July 18.....	5,974	2										
Burlington, Vt.....	July 4.....	14,590	7										
Do.....	July 11.....	14,590	11										
Do.....	July 18.....	14,590	12										
Butler, Pa.....	July 25.....	8,734	2										
Cambridge, Mass.....	do.....	70,028	57	7								1	
Carlisle, Pa.....	July 11.....	7,620	2										
Do.....	July 18.....	7,620	3										
Do.....	July 25.....	7,620	3										
Charleston, S. C.....	July 11.....	*54,955	†46	9						1			1
Chattanooga, Tenn.....	July 25.....	29,100	9	5									
Chicago, Ill.....	July 18.....	1,099,850	604	41						16	1	15	6
Do.....	July 25.....	1,099,850	486	40						70	1	15	4
Cincinnati, Ohio.....	July 24.....	296,908	93	13						1		4	10
Columbus, Ind.....	July 18.....	6,719	0										
Do.....	July 25.....	6,719	4							1			
Columbus, Ohio.....	do.....	88,150	30	4									
Concord, N. H.....	July 18.....	17,044	6										
Do.....	July 25.....	17,044	10										
Council Bluffs, Iowa.....	July 18.....	21,474	3										
Dedham, Mass.....	do.....	7,123	4										
Do.....	July 25.....	7,123	2										
Denver, Colo.....	July 18.....	106,713	39	4						2			3
Dunkirk, N. Y.....	do.....	9,416	2										
El Paso, Tex.....	do.....	10,338	5	1									
Emporia, Kans.....	July 11.....	7,551	2	1									
Do.....	July 18.....	7,551	4										
Do.....	July 25.....	7,551	2										
Erie, Pa.....	do.....	40,634	15	2									
Everett, Mass.....	July 24.....	11,068	5										
Fall River, Mass.....	July 25.....	74,398	78	4								1	2
Fitchburg, Mass.....	do.....	22,037	15	1									
Flint, Mich.....	July 18.....	9,803	5										
Gloucester, Mass.....	do.....	24,651	7										
Do.....	July 25.....	24,651	8										
Grand Rapids, Mich.....	do.....	60,278	22	2						1			
Jacksonville, Fla.....	July 18.....	17,201	15										
Do.....	July 25.....	17,201	12	1						1			
Jersey City, N. J.....	July 19.....	163,003	104	9						1		3	1
Johnstown, Pa.....	July 18.....	21,805	10										
Do.....	July 25.....	21,805	13	1									
Haverhill, Mass.....	do.....	27,412	19	1									
Kalamazoo, Mich.....	July 18.....	17,853	9										
Lowell, Mass.....	July 25.....	77,696	55	2									
Lynchburg, Va.....	do.....	19,709	10	2						2			
McKeesport, Pa.....	July 18.....	20,741	15										
Manchester, N. H.....	do.....	44,126	26										
Do.....	July 25.....	44,126	37	2									
Medford, Mass.....	do.....	11,079	9							1			
Melrose, Mass.....	July 18.....	8,519	5									1	
Memphis, Tenn.....	July 25.....	64,495	28	1							1		
Middletown, Ohio.....	July 18.....	7,681	1										
Do.....	July 25.....	7,681	2										
Milwaukee, Wis.....	July 18.....	204,468	108	5								2	1
Do.....	July 25.....	204,468	92	6						1		2	1
Minneapolis, Minn.....	July 18.....	164,738	55	3						1		1	
Mobile, Ala.....	July 25.....	31,076	17							1		1	
Nashville, Tenn.....	do.....	76,168	39	7						1			1
New Bedford, Mass.....	do.....	40,733	43	1									
Newburyport, Mass.....	July 18.....	13,947	6							1			
New Brighton, N. Y.....	do.....	16,423	7										
New Orleans, La.....	do.....	242,039	129	13						3		1	1
Do.....	July 25.....	242,039	103	11		1				3			

* Estimated population, white, 28,870; colored, 36,295. Total, 65,165. † White, 14; colored, 32.

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.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Newport, R. I.	June 25.	19,457	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York, N. Y.	do.	1,515,301	856	81	.....	.....	.....	.....	.....	7	5	24	6	10
Norristown, Pa.	do.	19,791	5	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Omaha, Nebr.	July 18.	140,452	32	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pensacola, Fla.	do.	11,750	3	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Philadelphia, Pa.	do.	1,046,964	595	49	.....	.....	.....	.....	.....	5	2	11	3	7
Do	June 25.	1,046,964	507	48	.....	.....	.....	.....	.....	4	.....	10	1	3
Pittsfield, Mass.	July 18.	17,281	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plainfield, N. J.	July 11.	11,267	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do	July 18.	11,267	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Portland, Me.	July 25.	36,425	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Poughkeepsie, N. Y.	do.	22,206	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Providence, R. I.	do.	132,146	72	7	.....	.....	.....	.....	.....	2	.....	1	.....	2
Pueblo, Colo.	July 18.	24,558	21	3	.....	.....	.....	.....	.....	.....	1	.....	.....	1
Reading, Pa.	July 20.	58,661	54	4	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Do	July 27.	58,661	27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Richmond, Va.	July 18.	81,388	50	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
St. Louis, Mo.	do.	451,770	206	15	.....	.....	.....	.....	.....	4	.....	3	.....	1
Do	July 25.	451,770	207	18	.....	.....	.....	.....	.....	2	.....	4	.....	5
Salt Lake City, Utah.	July 18.	44,843	10	.....	.....	.....	.....	.....	.....	1	.....	1	.....	1
Do	July 25.	44,843	13	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....
San Diego, Cal.	July 18.	16,159	7	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
San Francisco, Cal.	July 11.	298,997	130	20	.....	.....	.....	.....	.....	.....	.....	1	.....	2
Do	July 18.	298,997	100	10	.....	.....	.....	.....	.....	2	.....	.....	.....	2
Santa Barbara, Cal.	do.	5,864	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Seattle, Wash.	do.	42,837	6	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Spokane, Wash.	do.	19,922	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Springfield, Mass.	July 25.	44,179	37	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Sterling, Ill.	July 18.	5,824	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stockton, Cal.	July 20.	42,424	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taunton, Mass.	July 25.	25,448	27	4	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Utica, N. Y.	July 18.	44,007	23	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do	July 25.	44,007	25	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia City, Nev.	July 11.	8,511	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Waltham, Mass.	July 25.	18,707	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington, D. C.	July 18.	230,392	161	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Newton, Mass.	July 25.	24,379	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Woburn, Mass.	July 18.	13,499	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Worcester, Mass.	July 17.	84,655	49	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yonkers, N. Y.	do.	32,033	23	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Youngstown, Ohio.	July 25.	33,220	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Table of temperature and rainfall, week ended July 27, 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.....	62	0	.....	.88	.52	.....
Portland, Me.....	68	0	.....	.84	.06	.....
Northfield, Vt.....	65	1	.....	.75	.05	.....
Boston, Mass.....	71	1	.....	.77	.23	.....
Vineyard Haven, Mass.....	71	1	.....	.63	.37	.....
Nantucket, Mass.....	70	.....	2	.59	.21	.....
Woods Hole, Mass.....	70	0	.....	.77	.03	.....
Block Island, R. I.....	71	.....	3	.73	.27	.....
New Haven, Conn.....	71	.....	1	1.19	.....	.09
Albany, N. Y.....	73	.....	1	.91	.....	.11
New York, N. Y.....	74	.....	2	1.01	1.09	.....
Harrisburg, Pa.....	73	1	.....	.98	1.52	.....
Philadelphia, Pa.....	76	0	.....	.98	.72	.....
New Brunswick, N. J.....	74	1	.....	1.13	1.62	.....
Atlantic City, N. J.....	73	.....	1	.77	.....	.37
Baltimore, Md.....	79	.....	1	1.03	1.87	.....
Washington, D. C.....	78	.....	1	1.05	.36	.....
Lynchburg, Va.....	78	0	.....	.91	.39	.....
Cape Henry, Va.....	77	3	.....	1.38	1.02	.....
Norfolk, Va.....	79	1	.....	1.40	.30	.....
Charlotte, N. C.....	79	1	.....	1.26	.....	.76
Raleigh, N. C.....	78	4	.....	1.86	.....	1.66
Kittyhawk, N. C.....	78	0	.....	1.38	.....	.68
Hatteras, N. C.....	79	1	.....	1.54	.36	.....
Wilmington, N. C.....	80	2	.....	1.74	1.14	.....
Columbia, S. C.....	81	3	.....	1.36	.84	.....
Charleston, S. C.....	82	2	.....	1.82	.....	1.82
Augusta, Ga.....	82	2	.....	1.19	.....	.09
Savannah, Ga.....	82	2	.....	1.34	.....	.04
Jacksonville, Fla.....	83	1	.....	1.47	.....	1.07
Jupiter, Fla.....	83	.....	3	1.04	.....	.44
Key West, Fla.....	85	.....	1	.86	.....	.56
Gulf States:						
Atlanta, Ga.....	78	2	.....	1.04	.....	.54
Tampa, Fla.....	82	0	.....	2.31	.....	.01
Pensacola, Fla.....	82	2	.....	1.60	.....	1.60
Mobile, Ala.....	82	2	.....	1.54	.....	1.54
Montgomery, Ala.....	82	2	.....	.98	.....	.98
Meridian, Miss.....	79	5	.....	1.52	.....	1.42
Vicksburg, Miss.....	82	2	.....	1.01	.....	.71
New Orleans, La.....	82	2	.....	1.47	.....	1.17
Shreveport, La.....	83	3	.....	.76	.....	.76
Fort Smith, Ark.....	82	6	.....	.96	.....	.96
Little Rock, Ark.....	82	6	.....	.91	.....	.91
Palestine, Tex.....	82	2	.....	.51	.....	.51
Galveston, Tex.....	84	0	.....	.74	.....	.54
San Antonio, Tex.....	83	1	.....	.53	.....	.43
Corpus Christi, Tex.....	82	0	.....	.34	.....	.14
Ohio Valley and Tennessee:						
Memphis, Tenn.....	81	3	.....	.77	.....	.67
Nashville, Tenn.....	80	2	.....	.91	.19	.....
Chattanooga, Tenn.....	78	4	.....	.91	.....	.51
Knoxville, Tenn.....	76	4	.....	.98	1.72	.....
Louisville, Ky.....	78	2	.....	.84	3.36	.....
Indianapolis, Ind.....	76	0	.....	.94	.36	.....
Cincinnati, Ohio.....	77	1	.....	.74	2.36	.....
Columbus, Ohio.....	76	0	.....	.70	3.10	.....
Parkersburg, W. Va.....	75	1	.....	.98	5.12	.....
Pittsburg, Pa.....	75	.....	1	1.05	.85	.....
Lake Region:						
Oswego, N. Y.....	69	.....	1	.70	.....	.50
Rochester, N. Y.....	70	0	.....	.63	.....	.33
Buffalo, N. Y.....	69	.....	1	.70	.....	.30
Erie, Pa.....	71	.....	3	.63	.37	.....
Cleveland, Ohio.....	71	.....	1	.77	.63	.....
Sandusky, Ohio.....	73	.....	1	.70	1.30	.....
Toledo, Ohio.....	73	.....	3	.63	2.37	.....
Detroit, Mich.....	72	.....	2	.76	2.74	.....
Lansing, Mich.....	71	.....	3	.70	3.50	.....
Port Huron, Mich.....	69	.....	1	.53	.37	.....
Alpena, Mich.....	65	1	.....	.64	.....	.34
Sault Ste. Marie, Mich.....	62	0	.....	.63	.....	.63
Marquette, Mich.....	66	.....	2	.64	.....	.54

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

Table of temperature and rainfall, week ended July 27, 1896—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Deficiency.	Normal.	Excess.	Deficiency.
Lake Region—Continued.						
Green Bay, Wis.....	70	.....	2	.63	.57	.....
Grand Haven, Mich.....	69	.....	3	.56	1.54	.....
Milwaukee, Wis.....	69	1	.....	.63	1.37	.....
Chicago, Ill.....	72	0	.....	.77	1.93	.....
Duluth, Minn.....	67	.....	1	.78	.....	.48
Upper Mississippi Valley:						
St. Paul, Minn.....	72	.....	6	.70	.....	.70
La Crosse, Wis.....	73	.....	5	.88	.42	.....
Dubuque, Iowa.....	74	.....	4	.87	5.73	.....
Davenport, Iowa.....	75	.....	3	.82	1.58	.....
Des Moines, Iowa.....	75	.....	3	.77	2.93	.....
Keokuk, Iowa.....	77	.....	3	.88	2.12	.....
Springfield, Ill.....	77	.....	1	.56	1.94	.....
Cairo, Ill.....	79	1	.....	.75	.....	.35
St. Louis, Mo.....	79	1	.....	.84	.56	.....
Missouri Valley:						
Columbia, Mo.....	75	5	.....	1.05	.....	.45
Springfield, Mo.....	78	0	.....	1.06	.....	.36
Kansas City, Mo.....	78	0	.....	.91	.....	.91
Wichita, Kans.....	80	0	.....	.57	.33	.....
Concordia, Kans.....	77	.....	1	.70	.40	.....
Lincoln, Nebr.....	77	.....	5	.83	1.07	.....
Omaha, Nebr.....	77	.....	4	.98	.02	.....
Sioux City, Iowa.....	76	.....	8	.70	2.50	.....
Yankton, S. Dak.....	73	.....	6	.82	1.38	.....
Valentine, Nebr.....	73	.....	5	.49	.91	.....
Huron, S. Dak.....	73	.....	9	.70	.....	.40
Pierre, S. Dak.....	76	.....	10	.42	.....	.17
Moorhead, Minn.....	69	.....	5	.83	.....	.63
Bismarck, N. Dak.....	72	.....	10	.49	.....	.29
Williston, N. Dak.....	71	.....	11	.39	.....	.39
Rocky Mountain Region:						
Havre, Mont.....	69	.....	9	.42	.....	.42
Helena, Mont.....	67	.....	9	.19	.....	.09
Miles City, Mont.....	75	.....	13	.28	.12	.....
Rapid City, S. Dak.....	72	.....	8	.35	.15	.....
Spokane, Wash.....	70	.....	4	.13	.....	.18
Wallawalla, Wash.....	76	.....	4	.07	.....	.07
Baker City, Oreg.....	67	.....	2	.07	.....	.07
Winnemucca, Nev.....	72	2	.....	.00	.00	.....
Salt Lake City, Utah.....	77	.....	5	.13	.07	.....
Lander, Wyo.....	71	.....	7	.14	.....	.04
Cheyenne, Wyo.....	68	.....	6	.42	.38	.....
North Platte, Nebr.....	74	.....	6	.56	.94	.....
Denver, Colo.....	73	.....	3	.41	1.09	.....
Pueblo, Colo.....	74	2	.....	.53	.....	.03
Dodge City, Kans.....	78	0	.....	.70	.....	.50
Oklahoma City, Okla.....	80	4	.....	.87	.....	.57
Amarillo, Tex.....	75	1	.....	.43	.47	.....
Abilene, Tex.....	83	3	.....	.38	.....	.38
Santa Fe, N. Mex.....	69	.....	1	.76	.....	.26
El Paso, Tex.....	83	.....	1	.53	.....	.03
Phoenix, Ariz.....	90	.....	4	.26	1.54	.....
Pacific Coast:						
Tatoosh Island, Wash.....	57	.....	.....	.36	.....	.....
Port Angeles, Wash.....	58	.....	.....	.07	.....	.....
Fort Canby, Wash.....	60	0	.....	.21	.....	.21
Astoria, Oreg.....	64	.....	2	.28	.....	.28
Portland, Oreg.....	70	.....	4	.07	.....	.07
Roseburg, Oreg.....	67	1	.....	.07	.....	.07
Eureka, Cal.....	56	0	.....	.00	.00	.....
Red Bluff, Cal.....	82	0	2	.00	.00	.....
Carson City, Nev.....	68	.....	.....	.00	.....	.....
Sacramento, Cal.....	74	.....	2	.00	.00	.....
San Francisco, Cal.....	60	0	.....	.00	.00	.....
Fresno, Cal.....	83	.....	3	.00	.10	.....
Los Angeles, Cal.....	72	.....	2	.00	.00	.....
San Diego, Cal.....	69	1	.....	.00	.00	.....
Yuma, Ariz.....	93	.....	5	.07	.23	.....

* 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 30, 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	
	June 15-July 5...	.....	46	
Cairo.....	Dec. 7-Dec. 11...	1	2	
	Jan. 10-Jan. 11...	1	1	
	May 7-May 20...	.....	138	
	May 19-May 28...	.....	372	
	May 29-June 7...	.....	246	
	June 9-June 14...	.....	109	
	June 15-July 5...	.....	111	
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 23...	.....	108	
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	
	May 31-June 13...	.....	110	
Madras.....	June 6-June 19...	.....	3	
Singapore.....	Mar. 1-Mar. 31...	.....	4	
Japan:				
Yokohama.....	Nov. 8-Nov. 15...	1	1	
	June 12-June 19...	1	1	
	June 19-July 3...	3	3	
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-July 3...	15	.....
Osaka Fu.....	Apr. 25...	1	.....
	Apr. 28-May 8...	1	1	
	May 23-May 30...	1	.....
	June 8-June 17...	1	.....
Yamanashi Ken.....	June 24-July 13...	3	.....
Saitama Ken.....	June 24-July 3...	1	.....
Okayama Ken.....	.....do.....	1	.....
Ishikawa Ken.....	.....do.....	2	.....
Kioto Fu.....	June 17-July 3...	2	1	
Hioogo Ken.....	.....do.....	2	.....
Kagawa Ken.....	.....do.....	1	.....
Kanagawa Ken.....	.....do.....	5	4	
Miyagi Ken.....	.....do.....	2	2	
Shidzuoka Ken.....	.....do.....	2	.....
Yamaguchi Ken.....	.....do.....	1	1	
Shimane Ken.....	Apr. 18...	1	.....

*To date of July 5, 8,661 cases of cholera, with 7,106 deaths, have been reported throughout Egypt, and during the period from June 22 to July 5, 1896, there were 2,597 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>Japan—Continued.</i>				
Tokyo Fu.....	Apr. 17.....	1	1	
	June 8-June 17...	4	.....
	June 24-July 3...	19	4	
Gumma Ken.....	.....do.....	1	.....
Kochi Ken.....	.....do.....	1	.....
Tochigi Ken.....	.....do.....	1	.....
Wakayama Ken.....	.....do.....	1	.....
Yamaguchi Ken.....	.....do.....	1	.....
Yehime Ken.....	June 8-July 3...	2	.....
<i>Morocco:</i>				
Casa Blanca.....	Jan. 11.....	.....	.....	Cholera reported.
Mazagan.....	.....do.....	.....	.....	Do.
Stellen.....	Dec. 15.....	.....	13	
<i>Russia:</i>				
Kiev (government).....	Oct. 13-Nov. 11...	156	64	
	Nov. 11-Dec. 21...	52	24	
	Dec. 22-Jan. 11...	10	5	
	Jan. 12-Jan. 23...	12	14	
St. Petersburg (government)	Nov. 17-Dec. 7...	21	.....
	Dec. 8-Dec. 23...	27	11	
	Dec. 29-Jan. 11...	8	8	
	Jan. 12-Jan. 23...	3	.....
	Feb. 1-Feb. 8...	2	.....
Volhynia (government).....	Oct. 13-Nov. 10...	2,297	952	
	Nov. 10-Nov. 30...	609	294	
	Dec. 1-Dec. 14...	104	55	
	Dec. 14-Dec. 28...	24	12	
	Dec. 29-Jan. 11...	.....	1	
<i>Turkey:</i>				
Constantinople.....	Dec. 17-Jan. 15...	3	3	Reports dated January 21, 1896, state "about 1 death per week."
Brena.....	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 :					
Buenos Ayres	Mar. 1-Mar. 31...	.....	5	On vessels from Rio de Janeiro.	
	Apr. 1-Apr. 30...	.....	3		
Brazil:					
Ceara	Nov. 30.....	1	1		
	Dec. 24-Dec. 31...	.....	4		
	Mar. 1-Mar. 31...	.....	3		
	Nov. 9-Nov. 30...	.....	43		
	Dec. 1-Dec. 28...	.....	136		
	Dec. 28-Jan. 11...	.....	190		
	Jan. 11-Feb. 1...	.....	382		
	Feb. 1-Feb. 8...	.....	111		
	Feb. 8-Feb. 29...	.....	594		
	Mar. 1-Mar. 14...	.....	468		
	Mar. 14-Mar. 28...	.....	459		
	Mar. 28-Apr. 11...	.....	305		
	Apr. 11-June 27...	.....	376		
Nitheroy.....	Apr. 21.....	.....	.....	Yellow fever reported.	
Pernambuco	Nov. 1-Nov. 15...	8	.....	
	Apr. 1-Apr. 30...	.....	8		
	May 1-May 31...	.....	2		
Bahia.....	Mar. 31.....	.....	.....	Do.	
Sao Paulo.....	.....do.....	.....	.....	Do.	
	Jan. 1-Jan. 31...	5	3		
Araraguara	Apr. 4.....	.....	.....	Do.	
Belem.....	.....do.....	.....	.....	Do.	
Bicas .....	.....do.....	.....	.....	Do.	
Barrado Pirahy .....	.....do.....	.....	.....	Do.	
Campinas.....	Apr. 7-May 5.....	115	.....	Do.	
Casa Branca.....	May 5.....	.....	.....	Do.	
Descalvado.....	Apr. 4.....	.....	.....	Do.	
Dores de Pirahy	Apr. 11.....	.....	.....	Do.	
Iahu.....	Apr. 4-May 5.....	.....	.....	Do.	
Iaboticabal.....	.....do.....	.....	.....	Do.	
Limeira.....	.....do.....	.....	.....	Do.	
Leopoldina.....	Apr. 11.....	.....	.....	Do.	
Parahybuna.....	Apr. 4.....	.....	.....	Do.	

Cholera and yellow fever, etc.—Continued.

YELLOW FEVER—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Brazil—Continued.				
Porto Novo.....	Apr. 11.....	.....	.....	Yellow fever reported.
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 18...	29	11	
Cienfuegos.....	Dec. 8-Dec. 22...	.....	2	
Cienfuegos.....	Dec. 29-Jan. 19...	.....	5	
	Feb. 16-Feb. 23...	.....	1	
	Apr. 19-May 3...	1	1	
	May 23.....	1	.....
	June 1-June 7...	9	2	
	June 14-June 28...	.....	9	
	June 28-July 27...	.....	39	
Habana.....	Nov. 28-Dec. 19...	40	14	In military hospital.
	Dec. 26-Jan. 2...	7	3	
	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 9...	105	45	
	July 9-July 23...	115	46	
	Mar. 15-Mar. 31...	.....	2	
Manzanillo.....	June 17-June 24...	56	42	
Matanzas.....	June 24-July 8...	124	85	
	July 8-July 15...	100	45	
Santiago.....	Dec. 7-Dec. 21...	.....	29	
	Dec. 21-Dec. 28...	.....	12	
	Dec. 28-Jan. 4...	.....	15	
	Jan. 4-Feb. 15...	.....	47	
	Feb. 22-Feb. 29...	.....	15	
	Mar. 1-Apr. 4...	.....	20	
	Apr. 4-May 30...	.....	22	
	June 1-June 6...	.....	2	
	June 6-June 27...	.....	14	
	June 27-July 4...	.....	7	
	July 4-July 18...	.....	43	
Sagua la Grande.....	Dec. 1-Dec. 21...	43	3	
	Dec. 25-Jan. 25...	31	6	
	Feb. 1-Feb. 15...	8	.....
	Mar. 13-Mar. 20...	5	.....
	Apr. 4-Apr. 11...	.....	3	
	May 11-May 18...	.....	.....	Yellow fever reported.
	May 25-June 6...	.....	30	Yellow fever reported among troops.
	June 6-June 27...	171	14	
	July 4-July 18...	124	15	
Mexico:				
Acapulco.....	July 11-July 18...	1	.....
Tuxpan.....	Jan. 11-Jan. 25...	.....	4	
Vera Cruz.....	May 21-May 28...	5	.....
	May 28-June 5...	.....	.....	Yellow fever reported.
	July 29.....	.....	.....	Do.
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	
	May 1-May 31...	14	4	
	June 1-June 30...	15	1	

BRAZIL.

*Sanitary reports from Rio de Janeiro.*RIO DE JANEIRO, *June 23, 1896.*

SIR: I have the honor to transmit report for the week ended June 20, 1896.

There were 10 deaths from *accessio pernicioso*, an increase of 8; 10 from yellow fever, an increase of 3; 1 from smallpox, a decrease of 4; 12 from beriberi, an increase of 1; 6 from enteric fever, an increase of 4; 43 from tuberculosis, a decrease of 13; 1 from whooping cough and none from influenza; 1 in the foregoing week. From all causes there were 285 deaths, an increase of 1.

The health of the town is good; in fact, as good as it ever is, notwithstanding the few cases of yellow fever and smallpox reported. These diseases are almost always to be found here. I can not account for the slight increase in yellow fever and *accessio pernicioso*, which probably means nothing.

Since last report the following-named ships have been visited or received bills of health from this office: June 18, bark *North Star*, British, for Guam; June 19, bark *Benjamin I. Hunt*, American, for Buen Agra, West Indies; June 20, steamship *Wordsworth*, Belgian, for New York, and bark *D. Pedro II*, American, for Baltimore, Md.

Respectfully, yours,

R. CLEARY, M. D.,

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

RIO DE JANEIRO, *June 22, 1896.*

SIR: I have the honor to transmit the report for the week ended June 27, 1896:

There were 9 deaths from *accessio pernicioso*, a decrease of 1; 7 from yellow fever, a decrease of 3; 3 from smallpox, an increase of 2; 6 from beriberi, a decrease of 6; 2 from enteric fever, a decrease of 4; 32 from tuberculosis, a decrease of 11; and none from whooping cough, one in the foregoing week. From all causes there were 262 deaths, a decrease of 23. A very good showing for this week; in fact, it is rarely that as good a report can be had here. A telegram in the morning's paper states that smallpox and fevers of a bad type are very rife in Natal in Rio Grande do Norte.

Since last report, the following-named ships have been visited or received bills of health from this office: June 25, British bark *Dalhanna*, for Portland, Me.; German steamship *Capua*, for New York; British steamship *Ethiopia*, for New Orleans, La., and Italian bark *Angelo*, for Mobile, Ala. June 27, American ship *Eureka*, for Philadelphia, Pa.

Respectfully, yours,

R. CLEARY, M. D.,

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

CENTRAL AMERICA.

Copies of sanitary reports to the Louisiana State board of health, forwarded by Surgeon H. W. Sawtelle, United States Marine-Hospital Service, at New Orleans, show that the following-named ports in Central America were free from infectious or contagious disease on the dates specified, viz: Bluefields, Nicaragua, June 28; La Ceiba, Spanish Honduras, July 1; Port Limon, Costa Rica, July 2; Puerto Cortez, Spanish

Honduras, July 1; Colon, Colombia, June 23; Bocas del Toro, Colombia, June 28; and Belize, British Colombia, July, 3.

CUBA.

Yellow fever and smallpox in Cuban seaports.

Under date of July 11 the United States consul at Cardenas reports that during the two weeks ended July 20 there were 22 cases of yellow fever and 9 deaths therefrom in that city.

The United States consul at Cienfuegos reports 12 deaths from yellow fever and 56 deaths from smallpox in Cienfuegos during the week ended July 19.

The United States sanitary inspector at Habana reports that there were 24 deaths in that city from yellow fever during the week ended July 23.

The United States consul at Matanzas reports that during the week ended July 15 there was 1 fatal case of smallpox in Matanzas and over 100 cases of yellow fever, with 46 deaths from that disease.

He states that yellow fever is confined to the Spanish troops. No cases in the harbor; hospitals overcrowded.

July 13, the United consul at Sagua la Grande reports 124 cases and 15 deaths from yellow fever during the two weeks ended July 18.

Mortality report of Santiago.

SANTIAGO DE CUBA, *July 18, 1896.*

SIR: I have the honor to inform you that the sanitary condition of Santiago de Cuba for the week ended July 18 has by no means improved, the total number of deaths reaching 118. Of these, there were 25 from yellow fever, 40 from smallpox, 5 from remittent fever, 12 from tuberculosis, 1 from diphtheria, 5 from enteritis, 7 from dysentery, and the rest from common diseases of noncontagious character.

Yellow fever is becoming very frequent among the soldiers, and there are now over 100 cases under treatment at the military hospital. The disease has taken a most malignant type, and death is the invariable result in all the cases. Smallpox is also increasing, and the high temperature experienced within the last few weeks seems favorable to the development of the disease.

Malaria also abounds to a more or less extent, the remittent type of the fever predominating. Diarrhea is very common, especially in children, under the form of cholera infantum and entero-colitis.

Respectfully,

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

JAPAN.

Reports of the prevalence of infectious diseases in Japan.

YOKOHAMA, JAPAN, *June 24, 1896.*

SIR: I have the honor to inform you that since June 17, the date of my last report, cholera has occurred in Japan, as given below, all cases

returned being undoubted and in nearly every case bacteriologically examined: Kyoto Fu, 1 case, 1 death; Hiogo Ken, 2 cases, no deaths; Kagawa Ken, 1 case, no deaths; Kanagawa Ken (Yokohama), 1 case, 1 death; Miyagi Ken, 2 cases, 2 deaths; Shidzuoka Ken, 1 case, no deaths; Yamaguchi Ken, 1 case, 1 death; Yehime Ken, 1 case, no deaths.

The sanitary officers are straining every resource to prevent the disease from becoming epidemic, and, so far, their efforts have been remarkably successful.

Relapsing fever continues to spread, the kens of Ishikawa, Yamaguchi, and Yehime having been invaded since my last report, the last very extensively. Spirillum fever is now epidemic in fifteen kens or provinces, and in the three great cities or fu.

The enormous destruction of life in the districts on the northeast coast, caused by the tidal (earthquake) wave on June 15, to which not less in all probability than 30,000 people fell victims, with the accompanying annihilation of crops and supplies, is but too likely to give rise to, or at least to favor, the development of epidemic disease. The country is so nearly depopulated and labor so difficult to obtain within a reasonable distance that thousands of corpses are still unburied, while the survivors of the calamity are almost starving, despite the efforts of government and private benevolence for the relief and sanitation of the districts affected.

I am, sir, very respectfully,

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

YOKOHAMA, JAPAN, July 3, 1896.

SIR: I have the honor to forward the following report of the occurrence of infectious disease in Japan since the date of my last return, June 24th: Cholera, Kyoto Fu, 1 case, no deaths; Tokyo Fu, 19 cases, 4 deaths; Fukuoka Ken, 14 cases, no reported deaths; Ishikawa Ken, 2 cases, no deaths; Kanagawa Ken, 4 cases, 3 deaths (2 in Yokohama); Okayama Ken, 1 case, no deaths; Saitama Ken, 1 case, no deaths; Shidzuoka Ken, 1 case, no deaths; Yamanashi Ken, 3 cases, no deaths.

There is an unusual amount and wide distribution of smallpox, especially for the present season of the year. Cases are reported as follows: Tokyo Fu, 19 cases, no deaths; Awomori Ken, 1 case, no deaths; Chiba Ken, 1 case, no deaths; Hiogo Ken, 41 cases, 18 deaths (includes Kobe); Hiroshima Ken, 8 cases, 5 deaths; Kanagawa Ken, 2 cases, 1 death; Okayama Ken, 1 case, no deaths; Saitama Ken, 2 cases, 1 death; Yehime Ken, 4 cases, no deaths.

I have no returns of relapsing fever since those already forwarded. It is, however, steadily increasing, and affecting a larger territory. Epidemic dysentery has recently appeared, chiefly in the southern provinces, but of this, also, I have no returns.

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

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

MEXICO.

One case of yellow fever in Acapulco.

Under date of July 19 the United States consul at Acapulco reports that during the week ended July 18 there was 1 case of yellow fever in that city. He writes as follows:

One case developed here three days ago that was pronounced yellow fever by the port health officer. The man was removed to the pest-house, 4 miles out, and is isolated on an island. It is not epidemic here yet. This is the only case reported.

Yellow fever in Vera Cruz.

The United States consul at Vera Cruz reports by telegraph that yellow fever was present in Vera Cruz on July 28.

No yellow fever in Progresso.

PROGRESSO, July 21, 1896.

SIR: I beg to acknowledge receipt of your communication, dated Washington, June 29 last.

As regards the presence of yellow fever at Progresso I beg to state there has not been 1 case this season, and the total number of deaths registered the first seventeen days of July was 12 from all causes, including 1 by accident, this in a population of nearly 6,000 is sufficient reason for clean bills of health issued from this port from January up to the present of 1896.

I am, sir, your obedient servant,

JOHN WADDLE,
United States Consular Agent.

PERU.

Smallpox in Lima and Callao.

Under date of June 24 the United States consul at Callao reports as follows:

The deaths from smallpox for the two preceding weeks (14), added to this report, makes a total of 43 deaths from smallpox in Callao in three weeks ended June 21. Over 400 cases of smallpox in various stages are unofficially reported in Callao.

The situation is scarcely better in Lima.

In view of the great spread of smallpox, I am instructing masters of all vessels clearing for United States ports to vaccinate crews and passengers.

PUERTO RICO.

Smallpox and yellow fever cases in Puerto Rico.

Under date of June 30 the United States consul at San Juan reports as follows:

One case of yellow fever in city. On June 30 there were 7 cases of yellow fever in the military hospital, confined to soldiers, and 1 case of smallpox from Santiago de Cuba. No cases of smallpox and fever in the city at present to my knowledge. There is and has been smallpox on the island since the general epidemic of 1894, but the city has been comparatively free from it. The cases which have existed here during the last two months have been brought from Cuba and are of the worst type of the disease, and * * * the disease bids fair to take epidemic form soon. There is less yellow fever in the city

and military barracks than last year at this time. This is due to the fact that the troops, most of whom have been in the island for a year at least, have been scattered at the beginning of the sickly season in the interior and along the coasts; as a consequence, some of the coast towns have had more fever this year than for many past years.

STATISTICAL REPORTS.

ARGENTINE REPUBLIC—*Buenos Ayres*.—Month of April, 1896. Estimated population, 686,813. Total deaths, 1,010, including yellow fever, 3 (brought from Rio); smallpox, 23; enteric fever, 21; scarlet fever, 33; diphtheria, 21, and whooping cough, 2.

BAHAMAS—*Dunmore Town*.—Two weeks ended July 17, 1896. Estimated population, 1,472. One death. No death from contagious disease.

Governors Harbor.—Two weeks ended July 18, 1896. Estimated population, 1,500. No deaths.

CUBA—*Habana*.—Under date of July 25, 1896, the United States sanitary inspector reports as follows:

There were 229 deaths in this city during the week ended July 23, 1896. Twenty-four of those deaths were caused by yellow fever with approximately 60 new cases, 10 were caused by enteric fever, 5 by so-called pernicious fever, 5 by paludal fever, 3 by dysentery, 16 by enteritis, 20 by smallpox, 4 by measles, 2 by pneumonia, and 37 by tuberculosis.

Of the 24 deaths of yellow fever 15 occurred among the Spanish troops in the military hospital.

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

BERMUDA.—Two weeks ended July 17, 1896. Estimated population, 15,013. One death. No death from contagious disease.

FRANCE—*Roubaix*.—Month of June, 1896. Estimated population, 124,000. Total deaths, 186, including diphtheria, 2; measles, 8, and whooping cough, 1.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 33 great towns of England and Wales during the week ended July 11, correspond to an annual rate of 19.9 a thousand of the aggregate population, which is estimated at 10,846,971. The highest rate was recorded in Sheffield, viz, 24.5 and the lowest in Swansea, viz, 10.6 a thousand.

London.—One thousand seven hundred and seventy deaths were registered during the week, including measles, 62; scarlet fever, 11; diphtheria, 47; whooping cough, 54; enteric fever, 6, and diarrhea and dysentery, 208. The deaths from all causes correspond to an annual rate of 17.9 a thousand. In greater London 2,202 deaths were registered, corresponding to an annual rate of 18.6 a thousand of the population. In the "outer ring" the deaths included 13 from diphtheria, 16 from measles, 18 from whooping cough, and 1 from scarlet fever.

Ireland.—The average annual death rate represented by the deaths

registered during the week ended July 11 in the 16 principal town districts of Ireland was 22.6 a thousand of the population. The lowest rate was recorded in Kilkenny, viz, 4.7, and the highest in Wexford, viz, 31.6 a thousand. In Dublin and suburbs 170 deaths were registered, including scarlet fever, 1; whooping cough, 7, and enteric fever, 1.

Scotland.—The deaths registered in 8 principal towns during the week ended July 11 correspond to an annual rate of 18.8 a thousand of the population, which is estimated at 1,518,347. The lowest mortality was recorded in Aberdeen, viz, 14.9, and the highest in Greenock, viz, 21 a thousand. The aggregate number of deaths registered from all causes was 549, including scarlet fever, 9; measles, 39, and whooping cough, 15.

MEXICO—*Tampico.*—Month of June, 1896. Estimated population, 7,000. Total deaths, 42, including phthisis pulmonalis, 3, and 1 from smallpox.

PUERTO RICO—*San Juan.*—Months of May and June, 1896. Estimated population, 30,000. Total deaths, not reported. There were 29 cases of yellow fever and 5 deaths, and 2 cases of smallpox and 1 death.

ST. HELENA.—Four weeks ended June 13, 1896. Estimated population, 3,600. Total deaths, 4. No deaths from contagious diseases.

WEST INDIES—*St. Thomas.*—Three months ended March, 1896. Estimated population, 12,019. Total deaths, 86, including phthisis pulmonalis, 20.

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.
Acapulco.....	July 11.....	5,000	6								
Aix la Chapelle.....	July 4.....	111,295	54							1	
Amapala.....	May 30.....	1,500	0								
Do.....	June 6.....	1,500	0								
Do.....	June 13.....	1,500	0								
Do.....	June 20.....	1,500	0								
Do.....	June 27.....	1,500	0								
Amherstburg.....	July 18.....	2,300	0								
Amsterdam.....	July 11.....	488,534	213					2		4	11
Belfast.....	do.....	277,354	132					3	2	2	2
Belleville.....	July 20.....	10,459	5					1			
Birmingham.....	July 11.....	501,241	201						1	3	
Bluefields.....	do.....	3,000	1								
Bologna.....	do.....	148,143	84							1	
Bradford.....	do.....	221,610	60								
Bremen.....	July 4.....	142,000	47					1	1	1	
Bristol.....	July 11.....	230,623	66								
Brussels.....	July 4.....	507,985	170					2			10
Callao.....	June 21.....	25,000	60			29					
Do.....	June 28.....	25,000	47			32					
Cardenas.....	July 11.....	23,517	26	4				4			2
Do.....	July 18.....	23,517	17	5				2			1
Cardiff.....	July 11.....	162,690	59						1		2
Chatham.....	July 18.....	9,052	2					1			
Christiana.....	July 11.....	182,856	78								5
Cienfuegos.....	July 19.....	24,030	96	12	56				1		
Coaticook.....	July 18.....	2,500	0								
Cognac.....	July 11.....	21,000	13								
Cologne.....	July 4.....	325,887	164							5	16
Colombo.....	June 13.....	130,000	82					3			
Copenhagen.....	June 27.....	333,714	105					1			
Dublin.....	July 11.....	350,000	170					1			
Dundee.....	do.....	161,620	55								1
Edinburgh.....	do.....	276,514	93						2	1	
Flushing.....	do.....	16,300	4								
Frankfort on the Main.....	do.....	233,000	81					1			
Genoa.....	July 12.....	211,239	92								
Gibraltar.....	July 5.....	25,800	15								
Glasgow.....	July 11.....	705,052	283					3	4		38
Gothenburg.....	July 4.....	114,000	38					1			
Guayaquil.....	July 3.....	50,000	48					25			
Do.....	July 10.....	50,000	41			2		18			
Halifax.....	July 18.....	38,700	14							1	
Hamburg.....	July 11.....	625,552	209					3			2
Hongkong.....	June 20.....	232,662	(*)								
Iquique.....	June 13.....	33,106	26								
Do.....	June 20.....	33,106	27								
Do.....	June 27.....	33,106	20								
Kingston, Canada.....	July 24.....	17,955	2								
Konigsberg.....	July 11.....	171,700								1	1
Leeds.....	do.....	395,546	168					1	1		7
Leghorn.....	do.....	103,507	43					1			
Leith.....	do.....	74,110	22						1		
Licata.....	July 4.....	20,000	14			3		4			
Liege.....	June 27.....	160,848	46						1		9
Do.....	July 4.....	160,848	63						1		3
Do.....	July 11.....	160,848	47								1
Liverpool.....	do.....	641,063	283				1	5	3	2	4
London, Canada.....	July 18.....	34,429	12								
London, England.....	July 11.....	6,178,376	2,202					13	12	60	
Lyons.....	June 27.....	500,000	167					1	1	1	2
Do.....	July 4.....	500,000	169								
Madrid.....	July 7.....	482,816	384			22		13	2	3	8
Magdeburg.....	June 20.....	214,126	84							5	
Manchester.....	July 11.....	531,697	201					1	5		13
Mannheim.....	July 4.....	88,400	30								
Maracaibo.....	do.....	50,000	15								
Matanzas.....	July 15.....	55,000	74		46	1		7			5
Matamoros.....	July 18.....	8,000	8								
Messina.....	July 11.....	107,000	37					3			
Montevideo.....	June 19.....	242,644	58					1		2	
Moscow.....	June 27.....	800,000	713				2		3	12	13

*9 deaths from plague.

MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated popula- tion.	Total deaths from all causes.	Deaths from—								
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Munich.....	June 27.....	406,000	176						3	5		2
Do.....	July 4.....	406,000	161							3	1	2
New Castle on Tyne.....	do.....	212,223	72							1	2	1
Do.....	July 11.....	212,223	80								2	
Nogales.....	July 4.....	1,580								1		
Odessa.....	do.....	353,000	171				1	1	5			1
Osaka and Hiogo.....	June 27.....	161,120	143			20		4		1		
Palermo.....	July 4.....	273,000	129						2	1		
Paris.....	July 11.....	2,511,955	911			1		9	2	8	8	4
Prague.....	July 4.....	198,017	125					1	1		2	1
Plymouth.....	July 11.....	89,686	39								1	
Puerto Cortes.....	July 15.....	1,856	0									
Quebec.....	June 27.....	70,000								1		
Do.....	July 4.....	70,000								1		
Do.....	July 18.....	70,000								1		
Rio de Janeiro.....	June 20.....	650,000	285	10	1			6				1
Do.....	June 27.....	650,000	262	7	3			2				
Rotterdam.....	July 11.....	279,196	114					1		1		
Sagua la Grande.....	do.....	17,536	38	7								
St. Georges.....	July 4.....	2,150	0									
Do.....	July 11.....	2,150	1									
Do.....	July 18.....	2,150	0									
St. Petersburg.....	July 4.....	954,400	685			7	2	27	25	16	13	3
St. Stephens.....	July 18.....	3,000	0									
Sheffield.....	July 11.....	348,604	163					3	2		6	3
St. Thomas.....	July 3.....	12,019	10									
San Juan del Norte.....	July 4.....	1,280	0									
Do.....	July 11.....	1,280	0									
Schiedam.....	do.....	26,233	11									
South Shields.....	July 4.....	92,773	35								2	
Do.....	July 11.....	92,773	23								2	2
Stockholm.....	July 4.....	267,100	62								1	4
Stuttgart.....	July 9.....	158,378	39					1		1		
Tegucigalpa.....	July 4.....	14,000	5									
Trapani.....	do.....	43,095	14									
Trieste.....	do.....	158,314	72							2	11	
Tuxpan.....	do.....	10,280	5									
Venice.....	do.....	161,480	66									
Vera Cruz.....	July 16.....	27,065	35									
Warsaw.....	July 20.....	553,643	214		2				4	2	8	1
Do.....	July 27.....	553,643	249		3		3	1	9	2	10	1
Do.....	July 4.....	553,643	243		2		3	1	8	2	11	1
Yokohama.....	June 19.....	126,685		1								
Yarmouth.....	July 25.....	6,087	2									

By authority of the Secretary of the Treasury :

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