

Public Health Reports.

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No. 35.

UNITED STATES.

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

Report on the smallpox outbreak at Key West.

CAMP PATTERSON,
Key West, Fla., August 19, 1896.

SIR: I have the honor to report good progress at the camp under my command. All smallpox patients have practically recovered, save 2, and been discharged except 13. Eleven of these will probably be dismissed on or about Friday next. There remain under suspicion to-day 14 persons, of whom I expect to dismiss 7 on Monday next, unless there are cases developed in the meantime. Provided no cases should occur among these suspects, it is reasonable to conclude that all patients and suspects may be dismissed by August 30, and I will then devote probably three days to a thorough disinfection of hospital and contents, tents and flies, and cleaning of grounds, and turn over the property to the State in good sanitary condition. There has been no new case in the city since July 27, but several extremely difficult decisions have been involved in the diagnosis of smallpox from pemphigus and herpes iris in young negroes. Up to date, neither Dr. Porter nor I have been able to learn anything reliable about the origin of this outbreak, although every effort has been made to do so, and can only surmise that a case of varioloid may have left some outside point just after infection and arriving here, had the disease several days later, and of so mild a type as to escape notice.

Very respectfully,

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

CAMP PATTERSON,
Key West, Fla., August 24, 1896.

Discharged 8. Hope to close hospital on Wednesday and whole camp Saturday. No new cases.

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

Last case of smallpox in Shreveport discharged from pesthouse.

SHREVEPORT, LA., August 15, 1896.

SIR: I am informed by Dr. J. F. O'Leary, city physician, that the pesthouse, of which he has had charge since the outbreak of smallpox in this city February 26 last, was closed last week. The last case having recovered and completed the postconvalescent period, was discharged. I will obtain an official record from the doctor and forward it early the coming week, but I am of the opinion that the only change from the synopsis forwarded July 16 last, viz, "under treatment, 3 (all in pesthouse), is 3 recoveries. Of this I am not positive. I have, at Surgeon R. D. Murray's, M. H. S., request, furnished him with as full and complete report of pertinent financial and statistical data as I have been able to obtain from the city of Shreveport, parishes of Caddo (in which this city is) and Bossier, La. While other parishes in this immediate vicinity suffered from one or more cases, I have been totally unable to receive an answer to my several letters to the clerk of the police jury of each of these parishes, notwithstanding the fact I have written each no less than three times. Thus it is the absence of such a report from this office. Should subsequent cases appear, either here or in the immediate vicinity, will promptly apprise you of any facts, etc., I may be able to obtain.

I am, sir, very respectfully,

A. R. BOOTH,
*Acting Assistant Surgeon, U. S. M. H. S.**Report on smallpox in Mobile, Ala.*

MOBILE, ALA., August 10, 1896.

SIR: I have the honor to report that the case of smallpox (Mollie Parker, of Pensacola) which was discovered at Magazine Point, in Mobile County, and sent to the pesthouse July 5, has recovered and was discharged yesterday. This closes the record for this city and county for this season, and a recounting of the procedures will be interesting.

Mobile City, 6 cases admitted; 5 recovered, 1 died.

Mobile County, 2 cases admitted; 1 recovered, 1 died.

The first case (M. E.) occurred on March 10, soon after his arrival from New Orleans; his partner went to Pensacola and died there.

The second case (H. W.) came from New Orleans and was discovered March 13. The third case (M. G.) was discovered March 15 and died April 12; claimed to have come from Pensacola, but there must be an error here, for Pensacola's first case was on March 16. The fourth, fifth, and sixth cases came from New Orleans, 2 via Biloxi and 1 via Meridian. The seventh case occurred in a man who lived here (the only locally developed case), and the origin is still a mystery. The last case came from Pensacola, where she had been in attendance on her brother—the barber and a consumptive—who died in Pensacola June 27.

The city health officer, Dr. Abrahams, and the county health officer, Dr. Acker, deserve great credit for their promptness, alertness, and success in managing the situation and the cases. It cost \$35 to convey the first case to the pesthouse, \$15 for use of team and \$20 for the driver. The money was fully earned, as the night was rainy and cold, and the team got away from the driver while he was unloading his charge, compelling him to walk the 5 miles back to the city. The patient recovered.

During 1874 and 1875 smallpox existed here for nineteen months;

from April to October, 1874, there were 75 cases scattered through the months; no cases some months; in November there were 293 cases; in December, 253; in January, 1875, 143; in February, 131; in March, 75. In the months including April and October the cases varied from 13 to 2 per month, a total of 59 being reported. The death rate during this outbreak was large.

There were no more cases until April, 1876, when there was 1 case.

In December, 1876, 5 cases were reported, and including March, 1877, a total of 14 cases.

In 1884, from February to June, 43 cases were reported. In 1891, 1 case was discovered—an importation from Houston, Tex.

When the health officers referred to became aware of the persistence of the disease in the origin point (New Orleans), prompt measures were begun to protect the citizens of the city and county. Medical inspectors and guards were located at a camp on the Mississippi line, with instructions to board trains and stop suspects, or prevent them from getting off in Mobile. At first the inspectors stopped the trains, but later went west to Scranton and made the inspections en route to the Alabama line. The period of train inspections was from March 16 to June 2. [Cost is given later.] No fares were paid. Free vaccination was ordered, and in a great measure was made compulsory. One thousand three hundred and seventy-five were vaccinated in the board of health office, 2,591 by 4 paid physicians, 330 in public institutions, and 206 by the Marine-Hospital Service, a total of 4,502, besides the work done by the local physicians, and the 200 or so vaccinated at Magazine Point on the discovery of the last case July 5.

The Mobile pesthouse is situated 5 miles from the city, and is owned jointly by the city and county. It is built in the form of a letter T; has eight rooms and will accommodate 40 patients. There are no isolation or convalescent outbuildings. The furniture is meager, but thus far little has been needed. A care taker is kept on duty at the place so that it may be considered to be always ready for the reception of patients.

The cost from March 10 to August 9 was \$2,275.36, distributed as follows:

City share: Pesthouse expenses, \$323.25; train inspection service, \$525.73; vaccinations, \$610; total, \$1,458.98.

County share: Pesthouse expenses, \$130.65; train inspection service, \$525.73; vaccinations, \$160; total, \$816.38.

For the number of cases the cost was relatively large, but the absence of public alarm and dread, and the saving of life of the people of Mobile city and county, and the untrammelled trend of all necessary business fully compensated in every way for the expenditure.

Very respectfully, your obedient servant,

R. D. MURRAY,
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 August 27, 1896.**

Places.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Mobile County.....	June 5.....	1		
	July 5.....	1		
Florida:				
Key West.....	June 25-Aug. 3....	32	8	
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	
	July 25-Aug. 22....	7	2	
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	
	June 1-June 30....	3		
	July 1-July 31....	5	2	
Tipton County.....	June 1-June 30....	14	2	
	July 1-July 31....	8		
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 August 22, 1896.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Boston, August 23, 1896.

Number of alien immigrants who arrived at this port during the week ended August 22, 1896; also names of vessels and ports from which they arrived.

Date.	Vessel.	Where from.	No. of immigrants.
1896			
Aug. 16	Steamship Pavonia.....	Liverpool and Queenstown.....	244
Do.....	Steamship Yarmouth.....	Yarmouth.....	155
Aug. 17	Do.....	Steamship Halifax.....	51
Do.....	Do.....	Steamship Brookline.....	1
Do.....	Do.....	Schooner Nutwood.....	2
Aug. 18	Do.....	Schooner Golden Hind.....	2
Do.....	Do.....	Steamship Asturia.....	67
Aug. 19	Do.....	Steamship Olivette.....	39
Do.....	Do.....	Steamship Boston.....	47
Do.....	Do.....	Steamship Ethelwold.....	1
Aug. 20	Do.....	Steamship Armenian.....	1
Do.....	Do.....	Steamship Virginian.....	2
Do.....	Do.....	Steamship Yarmouth.....	121
Do.....	Do.....	Schooner Pleasantville.....	2
Aug. 21	Do.....	Schooner Princess.....	1
Do.....	Do.....	Brig Sirius.....	1
Aug. 22	Do.....	Steamship Olivette.....	25
Do.....	Do.....	Steamship Boston.....	58
	Total.....		820

THOMAS F. DELHANTY,
Commissioner of Immigration.

*Report of immigration at New York for the week ended August 22, 1896.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of New York, August 24, 1896.**Number of alien immigrants who arrived at this port during the week ended August 22, 1896 ;
also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of im- migrants.
1896.			
Aug. 16	Steamship La Gascogne.....	Havre.....	208
Do.....	Steamship Neustria	Naples, etc.....	383
Do.....	Steamship Furnessia.....	Glasgow.....	159
Aug. 17	Steamship Zaandam.....	Amsterdam.....	50
Do.....	Steamship Aller.....	Bremen.....	171
Do.....	Steamship Fulda.....	Genoa and Gibraltar.....	234
Aug. 18	Steamship Weimar.....	Bremen.....	328
Aug. 19	Steamship Chateau Lafite.....	Bordeaux.....	36
Do.....	Steamship State of Nebraska.....	Glasgow.....	45
Do.....	Steamship Southwark.....	Antwerp.....	218
Do.....	Steamship Majestic.....	Liverpool and Queenstown.....	347
Aug. 20	Steamship Spree.....	Bremen.....	177
Do.....	Steamship Norge.....	Copenhagen, etc.....	195
Aug. 21	Steamship Donna Maria.....	Lisbon and The Azores.....	33
Do.....	Steamship Columbia.....	Hamburg.....	248
Do.....	Steamship Persia.....	do.....	357
Aug. 22	Steamship Sorrento.....	do.....	135
Do.....	Steamship Paris.....	Southampton.....	166
Do.....	Steamship Lucania.....	Liverpool and Queenstown.....	374
	Total.....		3,863

ED. F. MCSWEENEY,
*Acting Commissioner of Immigration.**Report of immigration at Philadelphia for the week ended August 22, 1896.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of Philadelphia, August 22, 1896.**Number of alien immigrants who arrived at this port during the week ended August 22, 1896 ;
also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of im- migrants.
1896.			
Aug. 16	Steamship Belgenland.....	Liverpool and Queenstown.....	110
Do.....	Steamship Illinois.....	Antwerp.....	157
	Total.....		267

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.
Beaufort, N. C.	Aug. 15	Nor. bk. Varden*	Aug. 9	Hahio	Brunswick	Disinfected and held.	Aug. 19	No transactions.	3
Brunswick, Ga.	Aug. 22	Nor. bk. Hahl*	Aug. 10	Rio Grande do Sul.	do	Disinfected.	Aug. 20		
Cape Charles, Va.	do	Sp. bk. Antonio Jané*	do	Habana	do	do	Aug. 22		
Del. Breakwater, Del.	do	Sp. bk. Encarnacion	Aug. 19	do	do	Held for disinfection.	do		
Eureka, Cal.	Aug. 12	Ger. ss. Polonia	Aug. 12	Vers Cruz.	Newport News.	Disinfected and held.	Aug. 17		2
Grays Harbor, Wash.	do								2
Gulf, Ship Island, Miss.	Aug. 15	Swd. bk. Robertfors*	July 28	Rio	Pascagoula	Disinfected and held.	Aug. 11	No transactions.	
	do	Br. ss. Jantia*	Aug. 2	do	do	do	Aug. 9	do	
	do	Am. sc. Hildegarde.	Aug. 11	Frontera	do	do	Aug. 15		
	Aug. 15	Am. bk. Clotilde.	do	Santa Cruz.	Mobile.	do	do		
	do	Am. sc. Oscar G.	do	Habana	Pascagoula.	do	Aug. 15		
	do	Am. sc. B. F. Nealey	Aug. 12	Cardenas.	do	do	do		
	do	Am. sc. Florence and Lillian.	Aug. 15	Coatzacoalcos	do	do	do		
Newbern, N. C.	do							No transactions.	
	Aug. 22		Aug. 10	Victoria	Tacoma	54 pieces of baggage disinfected.	Aug. 15	do	4
Port Townsend, Wash.	Aug. 15	Am. str. City of Kingston.	Aug. 4	Para	Wilmington, N. C.	Disinfected and held.	Aug. 12	Remanded from Southport, N. C.	2
San Diego, Cal.	do	Nor. bk. Argo*	Aug. 4	Colon.	Brunswick	do	do	Remanded from Brunswick, Ga.	
South Atlantic, Blackbeard Island, Ga.	do	Am. bk. Henry A. Litchfield*	Aug. 3	San Juan.	Wilmington, N. C.	Held for disinfection.	do	Remanded from Southport, N. C.	
	do	Nor. bk. Eyrdo*	Aug. 6	do	do	do	do		
Southport, N. C.	Aug. 22	Nor. bk. Argo*	Aug. 15	So. Atlantic Quarantine.	do	Held for expiration of period of detention.	Aug. 16		1
Tortugas, Key West, Fla.	Aug. 15	Am. bk. Rose Innes*	Aug. 2	Barbados.	Tampa.	Disinfected and held.	Aug. 11		
	do	D. n. bk. Valparaiso*	Aug. 7	Rio	Apalachicola.	do	do		
	do	Sp. ss. Francisco*	do	Cienfuegos	Charlotte Harbor.	do	Aug. 13		
Washington, N. C.	Aug. 22	Am. bkn. Harriet S. Jackson.	Aug. 14	Habana	Apalachicola.	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.....	Aug. 15	Ital. bk. Columbus*	July 25	Rio	Mobile.....	Disinfected and held.	July 13		3
Charleston, S. C.....	do.	Nor. bk. New Zealand*	Aug. 6	Para.	do.	Held for disinfection.			2
Galveston, Tex.....	Aug. 22	Br. ss. Adra*	Aug. 7	Vera Cruz	do.	Disinfected and held.	July 12	No transactions.	
Georgetown, S. C.....	Aug. 15	Nor. bk. Huano*	Aug. 8	Bahia	do.	Held for disinfection.			22
Mayport (Jacksonville), Fla.	Aug. 23	Am. sc. Tena A. Cotton	Aug. 9	Vera Cruz	do.	Disinfected and held.	July 15	No transactions.	
Mobile Bay, Ala.....	Aug. 16	Ger. ss. Senior.....	Aug. 10	Arroya via New York	do.	do.	July 14		4
	Aug. 15	Br. ss. Vittoria.....	Aug. 11	Tampico.....	do.	do.	July 15		6
		Nor. bk. Nordstjernau	do.	Rio	do.	Discharging ballast.			
		Nor. bk. A. Tellesfen	do.	Rosario.....	do.	Held for disinfection.			
		Ital. s. Federico.....	Aug. 15	Santos.....	do.	do.			
		Br. ss. Salamanca.....	do.	Cardenas via	do.	do.			
	Aug. 22	Nor. bk. New Zealand*	Aug. 6	Para.	do.	Disinfected and held.	Aug. 16		6
		Nor. bk. Husano*	Aug. 8	Bahia.....	do.	do.	Aug. 19		
		Nor. bk. Nordstjernau*	Aug. 11	Rio	do.	do.	Aug. 22		
		Nor. bk. A. Tellerfen*	do.	Rosario.....	do.	Held for disinfection.			
		Ital. s. Federico*	Aug. 15	Santos.....	do.	do.			
		Br. ss. Salamanca*	do.	Cardenas via	do.	Disinfected and held.			
		Ital. bk. Angelo.....	Aug. 17	Rio	do.	Held for disinfection.			
		Am. ss. Miami.....	Aug. 21	St. Jago via Baltimore.	do.	Disinfected and held.			
		Am. sc. S. P. Hitchcock.	do.	Tampico.....	do.	do.			
Newport News, Va.....	do.								10
Newport, R. I.....	do.							No transactions.	

* Previously reported.

QUARANTINE REPORTS—Continued.
 State and municipal quarantine stations—Continued.

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessels, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
New York, N. Y.	Aug. 22	Nor. ss. Terrier.	Aug. 16	Cienfuegos.	New York.	Vessel disinfected; crew held for cleansing and disinfection.	Aug. 16		125
		Am. ss. Orizaba.	Aug. 17	Tampico, Habana.	do.	Vessel disinfected; 29 passengers held for completion of period of incubation.	Aug. 17		
		Am. ss. Yumuri.	Aug. 18	Mexican ports and Habana.	do.	Vessel disinfected; 30 passengers held for completion of period of incubation.	Aug. 18		
		Am. ss. Santiago.	Aug. 22	Nassau, Manzanillo, Cienfuegos, Santiago.	do.	Vessel disinfected; 6 passengers held for period of incubation.	Aug. 22		
Port Royal, S. C.	do.							No transactions.	
Providence, R. I.	do.							do.	
Sabine Pass, Tex.	Aug. 15	Gr. bk. Elise Schultze*	July 21	Buenos Ayres	Savannah	Disinfected and held.	Aug. 9		7
Savannah, Ga.	do.	Nor. bk. Brodrene*	July 31	Pernambuco.	do.	do.	Aug. 13		
		Nor. bk. Dr. Mezger*.	Aug. 2	Bahia via St. Thomas.	do.	do.	do.		

* Previously reported.

Reports of States and yearly and monthly reports of cities.

ALABAMA—*Mobile*.—Month of July, 1896. Estimated population, 31,076. Total deaths, 78, including phthisis pulmonalis, 11; enteric fever, 5, and diphtheria, 1.

CALIFORNIA.—Month of July, 1896. Reports to the State board of health from 45 cities, towns, and villages, having an aggregate population of 653,014, show a mortality of 911 deaths, including phthisis pulmonalis, 131; enteric fever, 14; scarlet fever, 1; diphtheria, 4; croup, 4, and whooping cough, 5.

MASSACHUSETTS—*North Attleboro*.—Month of July, 1896. Estimated population, 7,000. Total deaths, 11, including phthisis pulmonalis, 2, and diphtheria, 1.

MICHIGAN.—Week ended August 5, 1896. Reports to the State board of health, Lansing, from 52 observers, indicate that influenza, cholera infantum, consumption, and enteric fever increased, and that tonsillitis and inflammation of bowels decreased in area of prevalence. Phthisis pulmonalis was reported present during the week at 217 places, enteric fever at 55, scarlet fever at 20, diphtheria at 20, measles at 18, and whooping cough at 15 places.

MISSOURI—*Kansas City*.—Month of July, 1896. Estimated population, 165,000. Total deaths, 182, including phthisis pulmonalis, 6; enteric fever, 4; diphtheria, 4; measles, 2; croup, 1, and whooping cough, 7.

OHIO—*Cleveland*.—Month of July, 1896. Estimated population, 330,279. Total deaths, 617, including phthisis pulmonalis, 29; enteric fever, 13; diphtheria, 2, and measles, 4.

RHODE ISLAND—*Newport*.—Month of July, 1896. Estimated population, 21,500. Total deaths, 32, including 4 from phthisis pulmonalis and 1 from measles.

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.
Allegheny, Pa.....	July 24.....	105,287	31	2						3		1		
Do	Aug. 1.....	105,287	42	1										1
Do	Aug. 8.....	105,287	36	2						4				
Do	Aug. 15.....	105,287	41	2						4		1		
Do	Aug. 22.....	105,287	44	3						2				
Ashtabula, Ohio.....	do.....	8,338	0											
Baltimore, Md.....	do.....	434,439	182	19						3		5		3
Binghamton, N. Y.....	do.....	35,005	9	1										
Boston, Mass.....	do.....	448,477	215	30						3		10	1	1
Braddock, Pa.....	Aug. 8.....	8,561	1											
Do	Aug. 15.....	8,561	8							1				
Brockton, Mass.....	Aug. 8.....	27,294	35	2										
Do	Aug. 15.....	27,294	27	2										
Do	Aug. 22.....	27,294	27	2										
Brooklyn, N. Y.....	Aug. 22.....	806,343	530	42						7	1	10	3	1

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.	Varicoid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.					
Bucyrus, Ohio.....	Aug. 15.....	5,974	1																
Butler, Pa.....	Aug. 22.....	8,734	7																
Cambridge, Mass.....	do.....	70,028	28	4															
Charleston, S. C.....	Aug. 15.....	*54,955	†26	6															
Chicago, Ill.....	do.....	1,099,850	697	39															
Cincinnati, Ohio.....	Aug. 21.....	296,908	106	11															
Cleveland, Ohio.....	Aug. 22.....	261,353	97	2						16			11		5			2	
Columbus, Ind.....	do.....	6,719	1							4			1						
Columbus, Ohio.....	do.....	88,150	25	6														1	
Concord, N. H.....	Aug. 15.....	17,044	9																
Do.....	Aug. 22.....	17,044	5																
Council Bluffs, Iowa.....	Aug. 15.....	21,474	4	1															
Dayton, Ohio.....	Aug. 20.....	61,220	18	1						2									
Dedham, Mass.....	Aug. 15.....	7,123	3																
Denver, Colo.....	Aug. 16.....	106,713	34	7						2			1						
Dunkirk, N. Y.....	Aug. 15.....	9,416	0																
Elizabeth City, N. J.....	Aug. 22.....	37,764											1						
Emporia, Kans.....	Aug. 15.....	7,551	3																
Erie, Pa.....	Aug. 22.....	40,634	18	1						1									
Fall River, Mass.....	do.....	74,398	54	1															
Fitchburg, Mass.....	do.....	22,037	5	1															
Gloucester, Mass.....	Aug. 15.....	24,651	10																
Do.....	Aug. 22.....	24,651	11															1	
Grand Rapids, Mich.....	do.....	60,278	22	2															
Haverhill, Mass.....	do.....	27,412	7	1															
Jacksonville, Fla.....	Aug. 15.....	17,201	19	2															
Do.....	Aug. 22.....	17,201	10							1									
Kalamazoo, Mich.....	Aug. 15.....	17,853	12																
Lowell, Mass.....	Aug. 22.....	77,696	47	2						1								2	
Lynchburg, Va.....	do.....	19,709	5	1															
Massillon, Ohio.....	Aug. 8.....	10,092	4																
Do.....	Aug. 15.....	10,092	2															1	
Medford, Mass.....	Aug. 22.....	11,079	5										1						
Melrose, Mass.....	Aug. 15.....	8,519	5							1									
Milwaukee, Wis.....	Aug. 22.....	204,468	84	4									2						
Minneapolis, Minn.....	Aug. 15.....	164,738	43	2						1			1						
Mobile, Ala.....	Aug. 22.....	31,076	20	1						1									
Nashville, Tenn.....	do.....	76,168	23	4															
New Bedford, Mass.....	do.....	40,733	33	4														1	
Newburyport, Mass.....	Aug. 15.....	13,947	4																
New Orleans, La.....	do.....	242,039	116	17						6								2	
Do.....	Aug. 22.....	242,039	164	20								1	1						
Newport, R. I.....	do.....	19,457	11																
New York, N. Y.....	do.....	1,515,301	822	87						10		1	12		5			7	
Norristown, Pa.....	do.....	19,791	6																
Oneonta, N. Y.....	do.....	6,272	1																
Pensacola, Fla.....	do.....	11,750	6	1						1									
Philadelphia, Pa.....	Aug. 15.....	1,046,964	838	50						10		1	8		2			9	
Do.....	Aug. 22.....	1,046,964	382	29						7			5					4	
Pittsfield, Mass.....	do.....	17,281	12							1									
Portland, Me.....	do.....	36,425	17	1															
Poughkeepsie, N. Y.....	Aug. 15.....	22,206	7																
Do.....	Aug. 22.....	22,206	6	1															
Providence, R. I.....	do.....	132,146	62	5														1	
Reading, Pa.....	Aug. 24.....	58,661	23	1															
St. Louis, Mo.....	Aug. 15.....	451,770	335	15						7			1						
Salt Lake City, Utah.....	do.....	44,843	16	1														1	
San Diego, Cal.....	do.....	16,159	7																
San Francisco, Cal.....	do.....	298,997	105	12									2					1	
Scranton, Pa.....	Aug. 22.....	75,215	40							1									
Seattle, Wash.....	Aug. 15.....	42,837	5																
Spokane, Wash.....	do.....	19,922	12	2															
Springfield, Mass.....	Aug. 22.....	44,179	18																
Taunton, Mass.....	do.....	25,448	8	1															
Urbana, Ohio.....	do.....	6,510	0																
Utica, N. Y.....	do.....	44,007	18	2															
Waltham, Mass.....	do.....	18,707	7																
West Newton, Mass.....	do.....	24,379	10																
Winona, Minn.....	Aug. 15.....	18,208	7	1															
Worcester, Mass.....	Aug. 14.....	84,655	57	5						1			1						
Youngtown, Ohio.....	Aug. 22.....	33,220	7	1									1						

* Estimated population, white, 28,870; colored, 36,295. Total, 65,165. † White, 7; colored, 19.

Table of temperature and rainfall, week ended August 24, 1896.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	* Excess.	* Defic'ney.	Normal.	Excess.	Deficiency.
Atlantic Coast:						
Eastport, Me.....	60	0		.77		.27
Portland, Me.....	65		1	.84		.24
Northfield, Vt.....	62		2	1.11		.61
Boston, Mass.....	68		2	.98		.68
Vineyard Haven, Mass.....	71		3	1.14		.74
Nantucket, Mass.....	67		1	.70		.60
Woods Hole, Mass.....	68		2	.97		.57
Block Island, R. I.....	67		1	.77		.57
New Haven, Conn.....	68		2	1.12	.08	
Albany, N. Y.....	70		2	.91		.51
New York, N. Y.....	71		3	1.05		.65
Harrisburg, Pa.....	72		4	1.03		.83
Philadelphia, Pa.....	74		4	.98		.68
New Brunswick, N. J.....	73		5	1.14		.88
Atlantic City, N. J.....	70		0	1.15		1.05
Baltimore, Md.....	74		4	.91		.61
Washington, D. C.....	73		3	.86		.19
Lynchburg, Va.....	76		4	.91	.29	
Cape Henry, Va.....	76	6		1.22	.88	
Norfolk, Va.....	75	1		1.36		.36
Charlotte, N. C.....	76	0		1.18		.58
Raleigh, N. C.....	75	1		1.73	.27	
Kittyhawk, N. C.....	77	0		1.54	.46	
Hatteras, N. C.....	77			1.41		
Wilmington, N. C.....	77	1		1.66		.86
Columbia, S. C.....	78	2		1.54		1.54
Charleston, S. C.....	79	1		1.68		.88
Augusta, Ga.....	80	2		1.17		1.17
Savannah, Ga.....	79	1		1.79	.91	
Jacksonville, Fla.....	81	1		1.47		.07
Jupiter, Fla.....	82	0		1.16	1.14	
Key West, Fla.....	84	0		1.13		.83
Gulf States:						
Atlanta, Ga.....	77	3		1.05		.45
Tampa, Fla.....	81	0		2.17	3.13	
Pensacola, Fla.....	81	3		1.84		1.84
Mobile, Ala.....	80	4		1.54		.94
Montgomery, Ala.....	79	3		.91		.51
Meridian, Miss.....	78	4		.84	1.06	
Vicksburg, Miss.....	80	4		.77		.37
New Orleans, La.....	81	5		1.35		.75
Shreveport, La.....	82	4		.48		.48
Fort Smith, Ark.....	78	4		.84		.14
Little Rock, Ark.....	79		1	.93	.67	
Palestine, Tex.....	81	5		.63		.63
Galveston, Tex.....	82	2		1.34		1.24
San Antonio, Tex.....	82	4		.96	1.74	
Corpus Christi, Tex.....	81	1		.77		.77
Ohio Valley and Tennessee:						
Memphis, Tenn.....	78	0		.84		.54
Nashville, Tenn.....	76	0		.75		.15
Chattanooga, Tenn.....	77	1		.91	.69	
Knoxville, Tenn.....	74	2		.90		.60
Louisville, Ky.....	75		1	.78		
Indianapolis, Ind.....	72		2	.70	.80	
Cincinnati, Ohio.....	74		4	.83		.03
Columbus, Ohio.....	71		3	.73	.37	
Parkersburg, W. Va.....	72		4	.90	.80	
Pittsburg, Pa.....	72		4	.70		.30
Lake Region:						
Oswego, N. Y.....	67		3	.56	.64	
Rochester, N. Y.....	67		1	.70		.30
Buffalo, N. Y.....	67		1	.70		.00
Erie, Pa.....	68		4	.77		.37
Cleveland, Ohio.....	68		4	.70		.30
Sandusky, Ohio.....	70		2	.70	.10	
Toledo, Ohio.....	69		3	.60	.40	
Detroit, Mich.....	68		4	.62		.42
Lansing, Mich.....	68		4	.63		.33
Port Huron, Mich.....	65		1	.56		.36
Alpena, Mich.....	62		2	.77		.07
Sault Ste. Marie, Mich.....	62		4	.61	.69	
Marquette, Mich.....	61		3	.66	.24	

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

Table of temperature and rainfall, week ended August 24, 1896—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Deficiency.	Normal.	Excess.	Deficiency.
Lake Region—Continued.						
Green Bay, Wis.....	66		2	.63		.13
Grand Haven, Mich.....	65		1	.63		.53
Milwaukee, Wis.....	69		3	.60		.00
Chicago, Ill.....	70		2	.63	.27	
Duluth, Minn.....	63		1	.76		.76
Upper Mississippi Valley:						
St. Paul, Minn.....	68		2	.73		.73
La Crosse, Wis.....	68		4	.74		.44
Dubuque, Iowa.....	70		2	.66		.46
Davenport, Iowa.....	71		3	.77	.63	
Des Moines, Iowa.....	71		1	.70		.10
Keokuk, Iowa.....	73		3	.56		.56
Springfield, Ill.....	72		0	.56		.56
Cairo, Ill.....	76		2	.63	1.17	
St. Louis, Mo.....	77		1	.77		.67
Missouri Valley:						
Columbia, Mo.....	75		1	.53		.13
Springfield, Mo.....	75		3	.85	1.15	
Kansas City, Mo.....	74		2	.85	.45	
Wichita, Kans.....	78		0	.89		.89
Concordia, Kans.....	73		3	.63	.77	
Lincoln, Nebr.....	73		3	.85		.35
Omaha, Nebr.....	72		2	.71		.51
Sioux City, Iowa.....	71		3	.91		.61
Yankton, S. Dak.....	70		2	.70		.50
Valentine, Nebr.....	68		2	.48		.18
Huron, S. Dak.....	67		0	.56	.04	
Pierre, S. Dak.....	70		0	.35	.05	
Moorhead, Minn.....	64		0	.66		.36
Bismarck, N. Dak.....	66		0	.42	.68	
Williston, N. Dak.....	66		0	.22		.12
Rocky Mountain Region:						
Havre, Mont.....	64	2		.28		.28
Helena, Mont.....	65	3		.14		.04
Miles City, Mont.....	70		2	.21		.01
Rapid City, S. Dak.....	69		1	.28		.28
Spokane, Wash.....	67	3		.07		.07
Wallawalla, Wash.....	73	5		.07		.07
Baker City, Oreg.....	67	3		.01		.01
Winnemucca, Nev.....	68	2		.01	.19	
Salt Lake City, Utah.....	73		3	.17	1.03	
Lander, Wyo.....	66	2	2	.21	.09	
Cheyenne, Wyo.....	64		2	.35	1.75	
North Platte, Nebr.....	70		4	.56		.06
Denver, Colo.....	69		3	.35	.45	
Pueblo, Colo.....	72	0		.49	1.21	
Dodge City, Kans.....	75		1	.63		.53
Oklahoma City, Okla.....	80	2		.69		.59
Amarillo, Tex.....	73	1		.70		.50
Abilene, Tex.....	80	2		.63	.87	
Santa Fe, N. Mex.....	66	0		.52		.32
El Paso, Tex.....	80		2	.42	.28	
Phoenix, Ariz.....	88	0		.22	.18	
Pacific Coast:						
Tatoosh Island, Wash.....	57			.57		
Port Angeles, Wash.....	57			.14		
Port Canby, Wash.....	59	1		.24		.24
Astoria, Oreg.....	64	0		.22		.22
Portland, Oreg.....	65	5		.14		.14
Roseburg, Oreg.....	66	6		.07		.07
Eureka, Cal.....	56	2		.02		.02
Red Bluff, Cal.....	80	2		.00		.00
Carson City, Nev.....	67	3		.06	.44	
Sacramento, Cal.....	73	1		.00		.00
San Francisco, Cal.....	60		2	.00		.00
Fresno, Cal.....	80	2		.00		.00
Los Angeles, Cal.....	73		3	.00		.00
San Diego, Cal.....	70	0		.00		.00
Yuma, Ariz.....	90	0		.08		.08

*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 August 27, 1896.

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
Argentine Republic:				
Buenos Ayres.....	Dec. 21-Dec. 28...	3	.....
Austria-Hungary	Nov. 19-Dec. 2...	43	25	} From outbreak (August 23, 1896) to date 453 cases, 296 deaths.
	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 20...	.....	80	
Cairo	Dec. 7-Dec. 11...	1	2	
	Jan. 10-Jan. 11...	1	1	
	May 7-May 20...	.....	138	
	May 19-May 28...	.....	372	
	May 29-June 7...	.....	246	
	June 9-June 14...	.....	109	
	June 15-July 20...	.....	159	
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 30...	.....	307	
	July 1-July 21...	.....	47	
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 27...	.....	167	
	June 27-Aug. 1...	.....	54	
Madras.....	June 6-June 13...	.....	3	
	July 4-July 17...	.....	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	
	July 2-July 11...	1	.....
Ibaraki Ken.....	Jan. 24-Feb. 3...	3	.....
	Feb. 12-Feb. 15...	.....	2	
	July 2-July 11...	2	1	
	July 13-July 21...	2	1	
Fukuoka Ken	Feb. 29.....	1	.....
	June 8-July 11...	23	.....
	July 13-July 21...	5	.....
Osaka Fu.....	Apr. 25.....	1	.....
	Apr. 28-May 8...	1	1	
	May 23-May 30...	1	.....
	June 8-June 17...	1	.....
	July 13-July 21...	1	.....
Miyazaki Ken.....	July 2-July 11...	1	1	
Yamanashi Ken.....	June 24-July 13...	3	.....
Saitama Ken.....	June 24-July 3...	1	.....
	July 13-July 21...	1	.....
Okayama Ken.....	June 24-July 11...	4	.....
	July 13-July 21...	1	.....

*To date of July 20, 13,343 cases of cholera, with 11,099 deaths, have been reported throughout Egypt, and during the period from July 14 to July 20, 1896, there were 1,540 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.
Japan—Continued.				
Ishikawa Ken.....	June 24-July 3.....	2	1	
Kioto Fu.....	June 17-July 3.....	2	1	
	July 13-July 21.....	1	1	
Hiogo Ken.....	June 17-July 11.....	4	4	
Kagawa Ken.....	June 17-July 21.....	3	3	
Kanagawa Ken.....	.....do.....	9	4	
Miyagi Ken.....	June 17-July 3.....	2	2	
Shidzuoka Ken.....	June 17-July 11.....	3	1	
	July 13-July 21.....	1	1	
Yamaguchi Ken.....	June 17-July 3.....	1	1	
Shimane Ken.....	Apr. 18.....	1	1	
Tokyo Fu.....	Apr. 17.....	1	1	
	June 8-June 17.....	4	4	
	June 24-July 11.....	31	5	
	July 13-July 21.....	10	4	
Gumma Ken.....	June 24-July 3.....	1	1	
Kochi Ken.....	.....do.....	1	1	
Tochigi Ken.....	June 24-July 11.....	2	2	
Wakayama Ken.....	June 24-July 3.....	1	1	
	July 13-July 21.....	2	2	
Yamaguchi Ken.....	June 24-July 3.....	1	1	
Yehime Ken.....	June 8-July 11.....	3	3	
	July 13-July 21.....	2	2	
Morocco:				
Casa Blanca.....	Jan. 11.....			Cholera reported.
Mazagan.....	.....do.....			Do.
Stellen.....	Dec. 18.....		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	
St. Petersburg (government)	Nov. 17-Dec. 7.....	21	21	
	Dec. 8-Dec. 28.....	27	11	
	Dec. 29-Jan. 11.....	8	8	
	Jan. 12-Jan. 25.....	3	3	
	Feb. 1-Feb. 8.....	2	2	
Volhynia (government).....	Oct. 13-Nov. 10.....	2,297	952	
	Nov. 10-Nov. 30.....	609	284	
	Dec. 1-Dec. 14.....	104	65	
	Dec. 14-Dec. 28.....	24	12	
	Dec. 29-Jan. 11.....		1	
Turkey:				
Constantinople.....	Dec. 17-Jan. 15.....	3	3	Reports dated January 21, 1896, state "about 1 death per week."
Brens.....	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	
Rio de Janeiro.....	Nov. 9-Nov. 30.....		43	
	Dec. 1-Dec. 28.....		136	
	Dec. 28-Jan. 11.....		190	
	Jan. 11-Feb. 1.....		382	
	Feb. 1-Feb. 8.....		111	
	Feb. 8-Feb. 29.....		594	
	Mar. 1-Mar. 14.....		468	
	Mar. 14-Mar. 28.....		459	
	Mar. 29-Apr. 11.....		305	
	Apr. 11-June 27.....		376	
	June 27-July 11.....		9	
	June 27-July 18.....	20	13	
Nitheroy.....	Apr. 21.....			Yellow fever reported.
Pernambuco.....	Nov. 1-Nov. 15.....	8		
	Apr. 1-Apr. 30.....		8	
	May 1-May 31.....		2	

Cholera and yellow fever, etc.—Continued.

YELLOW FEVER—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Brazil—Continued.				
Bahia.....	Mar. 31.....			Yellow fever reported.
Sao Paulo.....	.....do.....			Do.
Araraguara.....	Jan. 1-Jan. 31.....	5	3	
Belem.....	Apr. 4.....			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.
Yassouras.....	.....do.....			Do.
Volta Grande.....	.....do.....			Do.
Cuba.*				
Buena Vista.....	Aug. 1.....			Yellow fever reported epidemic.
Caibarien.....	.....do.....			Do.
Camajuaní.....	.....do.....			Do.
Cardenas.....	June 6-June 27.....	13	4	
	June 27-July 25.....	39	14	
	July 25-Aug. 15.....	63	17	
Cienfuegos.....	Dec. 8-Dec. 22.....		2	
	Dec. 23-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 23.....		9	
	June 23-July 26.....		39	
	July 26-Aug. 16.....		23	
Guantanamo.....	July 1-July 31.....		13	
Habana.....	Nov. 23-Dec. 19.....	40	14	
	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	
	July 23-July 30.....	80	40	
	July 31-Aug. 6.....	120	55	
	Aug. 6-Aug. 20.....	303	108	
Manzanillo.....	Mar. 15-Mar. 31.....		2	
Matanzas.....	June 17-June 24.....	56	42	
	June 24-July 8.....	124	85	
	July 8-July 29.....	200	134	
	July 29-Aug. 12.....		60	
Placetas.....	Aug. 1.....			Yellow fever reported epidemic.
Remedios.....	.....do.....			Do.
Santiago.....	Dec. 7-Dec. 21.....		29	
	Dec. 21-Dec. 28.....		12	
	Dec. 28-Jan. 4.....		15	
	Jan. 4-Feb. 15.....		47	
	Feb. 22-Feb. 29.....		15	
	Mar. 1-Apr. 4.....		20	
	Apr. 4-May 30.....		22	
	June 1-June 6.....		2	
	June 6-June 27.....		14	
	June 27-July 4.....		7	
	July 4-Aug. 1.....		71	
	Aug. 8-Aug. 15.....		27	

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

Cholera and yellow fever, etc.—Continued.

YELLOW FEVER—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<i>Cuba—Continued.</i>				
Sagua la Grande.....	Dec. 1-Dec. 21...	43	3	
	Dec. 25-Jan. 25...	31	6	
	Feb. 1-Feb. 15.....	8	.....
	Mar. 13-Mar. 20.....	5	.....
	Apr. 4-Apr. 11.....	.....	3	
	May 11-May 18.....	.....	.....	Yellow fever reported.
	May 25-June 6.....	.....	30	Yellow fever reported among troops.
	June 6-June 27...	171	14	
	July 4-July 18.....	124	15	
	July 18-Aug. 8.....	265	26	
Yaguajay.....	Aug. 1.....	.....	.....	Yellow fever reported epidemic.
Vueltas.....	do.....	.....	.....	Do.
Zulueta.....	do.....	.....	.....	Do.
<i>Mexico:</i>				
Acapulco.....	July 11-July 18.....	1	.....
Tuxpan.....	Jan. 11-Jan. 25.....	.....	4	
Vera Cruz.....	May 21-May 23.....	5	.....
	May 28-June 5.....	.....	.....	Yellow fever reported.
	July 29.....	3	.....
	July 30-Aug. 13.....	6	.....
<i>Peru:</i>				
Callao.....	Apr. 5.....	2	2	On vessels from Guayaquil.
<i>Puerto Rico:</i>				
San Juan.....	Nov. 29-Dec. 20...	63	23	
	Dec. 20-Jan. 17...	104	24	
	May 1-May 31.....	14	4	
	June 1-June 30...	15	1	

CUBA.

Yellow fever and smallpox in Cuban seaports.

Under date of August 17 the United States consul at Cardenas reports that during the week ended August 15 there were 26 cases of yellow fever and 8 deaths therefrom in that city.

The United States consul at Cienfuegos reports 14 deaths from yellow fever and 27 deaths from smallpox in Cienfuegos during the week ended August 16.

The United States sanitary inspector at Habana reports that there were 56 deaths in that city from yellow fever during the week ended August 20.

The United States consul at Matanzas reports that during the week ended August 19 there were in Matanzas 29 deaths from yellow fever. He states that yellow fever is confined to the Spanish troops. No cases in the harbor.

SANTIAGO DE CUBA, *August 15, 1896.*

SIR: I have the honor of submitting the following report on the sanitary condition of Santiago de Cuba, for the week ended Saturday, August 15: One hundred and eight deaths have been registered, of which 24 were from smallpox, 27 from yellow fever, 8 from tuberculosis, 5 from dysentery, 10 from remittent fever, 12 from pernicious fever, and the rest from common diseases, acute and chronic, of noncontagious

character. Smallpox is gradually decreasing, and I expect by the end of September the epidemic to be over from want of new material. Yellow fever, on the contrary, is increasing daily, and the cases generally end fatally. Remittent fever and the pernicious form of malaria cause many deaths, and dysentery and diarrhea prevail to more or less extent.

Respectfully, yours,

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

HABANA, CUBA, *August 21, 1896.*

Yellow fever among the Spanish troops in Habana and everywhere they go.

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

Report of mortality in Guantanamo during July, 1896.

GUANTANAMO, *August 6, 1896.*

SIR: I have this day received from the president of the board of health the following note of deaths which have occurred during the month of July, excluding deaths among the troops: Common, 75 deaths; smallpox, 43 deaths; yellow fever, 13 deaths; total, 131 deaths.

I remain yours truly,

M. MASON,
Consular Agent.

UNITED STATES CONSUL, *St. Jago de Cuba.*

STATISTICAL REPORTS.

ARGENTINE REPUBLIC—*Buenos Ayres.*—Month of May, 1896. Estimated population, 688,950. Total deaths, 1,045, including smallpox, 15; enteric fever, 24; scarlet fever, 21; diphtheria, 24, and whooping cough, 4.

BAHAMAS—*Dunmore Town.*—Four weeks ended August 14, 1896. Estimated population, 1,472. One death; no death from contagious disease.

Governors Harbor.—Two weeks ended August 15, 1896. Estimated population, 1,500. One death; no death from contagious disease.

Green Turtle Cay—Abaco.—Two weeks ended August 12, 1896. Estimated population, 3,900. No deaths.

BERMUDA.—Two weeks ended August 14, 1896. Estimated population, 15,013. No deaths.

BRAZIL—*Ceara.*—Month of May, 1896. Estimated population, 44,000. Total deaths, 140, including 3 from beriberi.

Month of June, 1896. Total deaths, 136, including 3 from beriberi.

CUBA—*Habana.*—Under date of August 22, 1896, the United States sanitary inspector reports as follows:

There were 236 deaths in this city during the week ended August 20, 1896. Fifty-six of those deaths were caused by yellow fever, with approximately 145 new cases; 13 were caused by enteric fever, 11 by so-called pernicious fever, 4 by paludal fever, 1 by diphtheria, 6 by dysentery, 14 by enteritis, 1 by cholera infantum, 23 by smallpox, 4 by pneumonia, and 32 by tuberculosis. Fifty of the 56 deaths by yellow

fever during the week occurred in the military hospital among the Spanish soldiers. Thus it will be seen that while yellow fever increases in the Spanish army it has not done so markedly among civilians in this city.

GREAT BRITAIN—*England and Wales.*—The deaths registered in 33 great towns of England and Wales during the week ended August 8 correspond to an annual rate of 21.4 a thousand of the aggregate population, which is estimated at 10,846,971. The highest rate was recorded in Birmingham, viz, 29.5, and the lowest in Burnley, viz, 13.2 a thousand.

London.—One thousand seven hundred and ninety deaths were registered during the week, including measles, 42; scarlet fever, 15; diphtheria, 54; whooping cough, 41; enteric fever, 10, and diarrhea and dysentery, 328. The deaths from all causes correspond to an annual rate of 21.1 a thousand. In greater London 2,432 deaths were registered, corresponding to an annual rate of 20.5 a thousand of the population. In the "outer ring" the deaths included 12 from diphtheria, 11 from measles, 22 from whooping cough, and 10 from scarlet fever.

Ireland.—The average annual death rate represented by the deaths registered during the week ended August 8 in the 16 principal town districts of Ireland was 20.6 a thousand of the population. The lowest rate was recorded in Dundalk, viz, 0.0, and the highest in Waterford, viz, 27.5 a thousand. In Dublin and suburbs 161 deaths were registered, including measles, 1; whooping cough, 4; diphtheria, 2, and enteric fever, 3.

Scotland.—The deaths registered in 8 principal towns during the week ended August 8 correspond to an annual rate of 15.4 a thousand of the population, which is estimated at 1,518,347. The lowest mortality was recorded in Edinburgh, viz, 11.5, and the highest in Glasgow, viz, 17.7 a thousand. The aggregate number of deaths registered from all causes was 449, including scarlet fever, 5; measles, 16; whooping cough, 13, and diphtheria, 3.

MEXICO—*Tampico.*—Month of July, 1896. Estimated population, 12,000. Total deaths, 38, including 1 from smallpox.

UNITED STATES OF COLOMBIA—*Barranquilla.*—Month of July, 1896. Estimated population, 40,000. Total deaths, 133, including 115 from measles.

WEST INDIES—*St. Christopher.*—Four weeks ended August 15, 1896. Estimated population, 31,000. Total deaths not reported. Fifteen deaths from measles.

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.....	Aug. 8.....	5,000	8										
Aix la Chapelle.....	Aug. 1.....	111,309	73									1	1
Alexandria.....	June 10.....	231,396	218	23		1		1				1	1
Amapala.....	July 4.....	1,500	0										
Do.....	July 11.....	1,500	0										
Do.....	July 18.....	1,500	0										
Do.....	July 25.....	1,500	0										
Amherstburg.....	Aug. 15.....	2,300	1										
Amsterdam.....	Aug. 8.....	488,853	146					1	1	3	2	1	1
Belfast.....	Aug. 1.....	277,354	112					1	3	1	4	4	4
Do.....	Aug. 8.....	277,354	114					1	5		1	6	6
Belize.....	do.....	13,000	7										
Belleville.....	Aug. 17.....	10,459	5					1					
Birmingham.....	Aug. 8.....	501,241	280					1	3	8	4	10	
Bluefields.....	do.....	3,000	3										
Bordeaux.....	July 4.....	252,102	106			1		2			5	1	
Do.....	July 11.....	252,102	122								5		
Do.....	July 18.....	252,102	127					1			11		
Do.....	July 25.....	252,102	119			1					7		
Do.....	Aug. 1.....	252,102	105			1				1	6		
Do.....	Aug. 8.....	252,102	124								5		
Bradford.....	do.....	221,610	64						1			1	
Bremen.....	Aug. 1.....	142,000	42										
Bristol.....	do.....	230,623	53						3			1	
Do.....	Aug. 8.....	230,623	53								4	1	
Brunswick.....	do.....	115,138	.....						1	2	4		
Brussels.....	Aug. 1.....	507,985	190									9	
Cairo.....	June 10.....	374,838	580	133		4	1	7			31		
Callao.....	July 26.....	25,000	38										
Cardenas.....	Aug. 15.....	23,517	28			8			4				
Cardiff.....	Aug. 8.....	162,690	55								1	1	1
Chatham.....	Aug. 15.....	9,052	4						1				
Christiania.....	Aug. 8.....	182,856	115								2	4	4
Cienfuegos.....	Aug. 16.....	24,030	61			14	27						
Cognac.....	Aug. 8.....	21,000	9						1				
Cologne.....	Aug. 1.....	326,671	215							1	7	2	
Colombo.....	July 11.....	130,000	93						5				
Corunna.....	do.....	32,113	21										
Do.....	July 18.....	32,113	26			1							
Do.....	July 25.....	32,113	25			2							
Do.....	Aug. 1.....	32,113	25								1	3	
Crefeld.....	Aug. 8.....	108,000	.....								2	4	
Dublin.....	do.....	350,000	161						1	2			
Dundee.....	do.....	161,620	41										
Dusseldorf.....	Aug. 1.....	180,825	107								2		
Edinburgh.....	Aug. 8.....	276,514	61								1	2	3
Flushing.....	do.....	16,300	6										
Frankfort on the Main.....	do.....	233,000	81									1	2
Funchal.....	Aug. 1.....	35,665	26										
Gibraltar.....	Aug. 2.....	25,800	6						7		1	1	
Girgenti.....	Aug. 1.....	24,428	10								1		
Glasgow.....	Aug. 8.....	705,052	240						3	2	2	14	6
Gothenburg.....	Aug. 1.....	114,000	36										
Guayaquil.....	Aug. 7.....	50,000	45										
Halifax.....	Aug. 15.....	38,700	28			1	17						
Hongkong.....	July 18.....	232,662	(*)			2							
Konigsberg.....	Aug. 8.....	171,700	.....							4			
Leeds.....	do.....	395,546	157						5	1	2	6	2
Leghorn.....	do.....	103,507	38						2				
Leith.....	do.....	74,110	22							2			
Licata.....	Aug. 1.....	20,000	14										
Liege.....	Aug. 8.....	160,848	45			1	2	2					
Liverpool.....	do.....	641,063	278						3	1	2	1	1
London, Canada.....	Aug. 15.....	34,429	8										
London, England.....	Aug. 8.....	6,178,376	2,432						22	25	66	53	
Lyons.....	Aug. 25.....	438,077	168						2	3			1
Do.....	Aug. 1.....	438,077	147						1	2	2		1
Madrid.....	Aug. 4.....	482,816	302			26			12	2	1	8	2
Manchester.....	Aug. 8.....	531,697	227										
Mannheim.....	Aug. 8.....	38,400	55						1	1			
Maracaibo.....	Aug. 8.....	50,000	20										
Matamoros.....	Aug. 14.....	8,000	2										
Matanzas.....	Aug. 12.....	55,000	86						22				

* Eight 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.	
Mayence	Aug. 8.....	74,917	30										2
Messina	do.....	107,000	27					3					
Montevideo	July 18.....	215,061	61			1				3			
Moscow	July 25.....	800,000	766							4		8	4
Do.....	Aug. 1.....	800,000	750				6			6		6	5
Munich.....	July 25.....	406,000	171						2	2			3
Newcastle on Tyne	Aug. 8.....	212,223	77								1	3	2
Nuremberg	July 25.....	165,283	48							1			1
Odessa	Aug. 1.....	353,000	276			3	1	2	12	3	2		4
Osaka and Hiogo	July 11.....	161,120	130			21		3					
Palermo	Aug. 1.....	273,000	119										
Plymouth.....	Aug. 8.....	89,686	34									1	1
Prague.....	Aug. 1.....	198,017	107					1	1	1	1	1	1
Puerto Cortez	Aug. 12.....	1,856	0										
Quebec	Aug. 15.....	70,000	0							1			
Rheims	Aug. 8.....	108,943	64										
Rotterdam	do.....	280,930	106						1	3	5		
Sagua la Grande.....	do.....	17,536	41		10								
St. Georges.....	do.....	2,150	0										
Do.....	Aug. 15.....	2,150	0										
St. Johns, Antigua.....	July 25.....	36,119	14										
Do.....	Aug. 1.....	36,119	10										
Do.....	Aug. 8.....	36,119	12										
Do.....	Aug. 15.....	36,119	19										
St. Petersburg.....	Aug. 1.....	1,013,000	657			3		21	13	18	12		2
St. Stephen.....	Aug. 15.....	3,000	0										
San Juan del Norte.....	Aug. 1.....	1,280	0										
Do.....	Aug. 8.....	1,280	1										
San Pedro.....	do.....	3,800	2										
Schiedam.....	do.....	26,233	13								3		
Sheffield.....	do.....	348,964	163					2	2	1	9		1
Southampton.....	do.....	94,093	41					1			6		
South Shields	do.....	92,773	37					1	1				1
Stettin.....	Aug. 1.....	142,000	110						1	2			
Stuttgart.....	Aug. 6.....	158,378	56								2		
Sunderland	Aug. 8.....	140,386	57					1			1		1
Teguicgalpa.....	Aug. 1.....	14,000	3										
Trapani.....	do.....	43,095	15										
Trieste.....	do.....	158,314	84						3	3	1		
Tuxpan.....	do.....	10,280	16										
Venice.....	do.....	161,480	73					1					1
Vera Cruz.....	Aug. 13.....	27,065	23										
Warsaw	Aug. 1.....	553,643	406			2	3	1	12	4	11		9
Zurich.....	do.....	149,000	35										1

By authority of the Secretary of the Treasury :

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