

Public Health Reports

Treasury Department, United States Marine-Hospital Service, Published in accordance with act of Congress approved February 16, 1893.

VOL. XII.

WASHINGTON, D. C., SEPTEMBER 3, 1897.

No. 36.

UNITED STATES.

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

Smallpox in Birmingham.

The following daily telegrams from County Health Officer J. W. Barclay give the progress of smallpox:

August 26: Five cases in city; 1 case in county. August 27: Three new cases (colored) in city; 1 new case (colored) in county; 5 cases discharged as cured. August 28: Two cases (colored) in city; 1 case (colored) in county; 1 case (colored) taken from box car on train; came from Sulligent, Miss. August 29: One case in county and 1 from Blockton, Bibb County; both colored; no new cases in city. August 30: One case in house of detention (colored); none from county nor city. August 31: One case (colored) from Camp Detention; 4 cases (colored) from city; nothing from county. September 1: One case in city (colored), 1 case (colored) Camp Detention.

Case of malarial fever taken from a sponge vessel near Anclote, Fla.

TAMPA, FLA., August 26, 1897.

SIR: I have the honor to report that the customs inspector has seized the papers of two more sponge vessels at Anclote and ordered them to the Tampa Bay Quarantine Station for disinfection. A negro boy, off one of these vessels at Tarpon Springs, near Anclote, has had a fever for some days, which, upon investigation, proved to be malarial.

The Revenue Cutter *Forward* is now anchored at Anclote, and while this vessel or the *Germ* is there the fishing smacks keep away. There are some rumors at Miami in regard to sickness at Key West, but this is the fever among the workmen upon the fortifications which I investigated and reported. * * *

Very respectfully,

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

*Treatment of rock ballast at Brunswick Quarantine.*BRUNSWICK QUARANTINE, *August 21, 1897.*

SIR: Replying to Bureau letter of 17th instant, relative to treatment of rock ballast discharged at this station, whether or not it is put under water, and if that which is not put under water is disinfected, I have the honor to state that stone ballast from infected ports, so far as practicable, is put under water, or so that it is submerged at mean tides. That above high water has been treated with a solution of mercury, one part to 800, applied by means of hose, after discharge. Before the destruction of ballast wharf by storm of September 30, 1896, all ballast from infected ports was put under water, but since that time it has not been possible to do so, as the dumping space at the remaining wharf would not admit of this without filling up the channel adjacent to the wharf. The repair of the former ballast wharf is now complete, and for the remainder of this season and during the coming season there will be sufficient space for submerging all stone ballast from ports infected or suspected.

Respectfully, yours.

R. E. L. BURFORD,
Sanitary Inspector, U. S. M. H. S.

Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 29, 1896, to September 3, 1897.

Places.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Birmingham and adjacent country.....	May 8-Aug. 12.....	96	1	
	Aug. 21-Sept. 1.....	36		
Brockton.....	Aug. 29.....	1		
Mobile.....	Dec. 28-Jan. 26.....	2		
	Mar. 28.....	1		
	Apr. 17.....	1		
	May 21.....	1		
	May 31.....	1		
Montgomery.....	Aug. 7-Aug. 13.....	28		
Union Springs.....	Mar. 21.....		1	
Connecticut:				
New Haven.....	Feb. 17.....	1		
Florida:				
Pensacola.....	Jan. 19-Feb. 20.....	13		
	Feb. 28-Mar. 10.....	14		12 varioloid.
	Mar. 27-Apr. 3.....	3		Varioloid.
	Apr. 10-May 1.....	10		Do.
	May 2-May 22.....	7		Do.
	May 29-June 5.....	2		Do.
	July 4-July 10.....			1 case varioloid.
Escambia County (not including Pensacola).....	Dec. 2-Jan. 19.....	18		
Illinois:				
Chicago.....	Mar. 25.....			Smallpox reported; brought from Mexico.
	Mar. 27-Apr. 3.....		1	
	Apr. 10-Apr. 17.....	2		
	May 8-May 15.....		1	
Indiana:				
Greenwood.....	Feb. 12.....	1		
Massachusetts:				
Boston.....	May 1-May 8.....	4		
	May 22-May 29.....	1		
Cambridge.....	June 6-June 26.....	3		Varioloid. 1 smallpox
Gloucester.....	June 19-June 26.....	1	2	
New Bedford.....	Apr. 10-Apr. 17.....	1		
Michigan:				
Blissfield Township.....	Mar. 27-Apr. 10.....			Smallpox reported.
	Apr. 17-May 1.....			Do.
Missouri:				
St. Louis.....	April 29.....	2		
	May 1-May 22.....	2	3	

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
New York:				
Brooklyn.....	Apr. 24-June 26....	5	2	Smallpox reported.
	June 27-July 24....	2	1	
New York.....	Mar. 1-Mar. 31....		1	
	Apr. 17-May 15....		10	
	June 13-June 19....		3	
	July 4-July 24....		3	
Ohio:				
Toledo.....	Apr. 1-May 31....	14	2	
	June 1-June 30....	4	1	
Pennsylvania:				
Drifton.....	Apr. 6.....	1		
Tennessee:				
Memphis.....	Apr. 1-June 26....	21		
	July 4-July 17....	3		
	Aug. 15-Aug. 21....	1		
Washington:				
Tacoma.....	Feb. 6.....	1		
Olympia.....	Mar. 1.....	1		

Report of immigration at Boston for the week ended August 28, 1897.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Boston, August 28, 1897.

*Number of alien immigrants who arrived at this port during the week ended August 28, 1897;
also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
Aug. 22	Steamship Yarmouth.....	Yarmouth, Nova Scotia..	198
Aug. 23	Steamship Halifax.....	Halifax, Nova Scotia.....	77
Do.....	Steamship Scythia.....	Liverpool, England, and Queens- town, Ireland.	155
Do.....	Steamship Brookline.....	Port Antonio, Jamaica.....	3
Aug. 24	Steamship Cestrian.....	Liverpool, England.....	3
Do.....	Schooner Sunshine.....	Harborville, Nova Scotia.....	1
Do.....	Schooner Heather Bell.....	St. John, New Brunswick.....	1
Aug. 25	Steamship Olivette.....	Halifax, Nova Scotia.....	43
Do.....	Steamship Boston.....	Yarmouth, Nova Scotia.....	62
Do.....	Steamship Kansas.....	Liverpool, England.....	2
Aug. 26	Steamship Yarmouth.....	Yarmouth, Nova Scotia.....	101
Aug. 27	Schooner F. Richard.....	Meteghan, Nova Scotia.....	1
Aug. 28	Steamship Boston.....	Yarmouth, Nova Scotia.....	146
Do.....	Steamship Olivette.....	Halifax, Nova Scotia.....	57
Do.....	Schooner Patriot.....	Canso, Nova Scotia.....	1
Total.....			851

GEORGE B. BILLINGS,
U. S. Commissioner of Immigration.

*Report of immigration at Philadelphia for the week ended August 28, 1897.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of Philadelphia, August 28, 1897.**Number of alien immigrants who arrived at this port during the two weeks ended August 28, 1897; also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
Aug. 15	Steamship Siberian	Glasgow	1
Aug. 17	Steamship Plover	Antigua, West Indies.....	2
Aug. 21	Steamship Thomas Turnbull.....	St. Lucia.....	2
Aug. 22	Steamship St. Hubert.....	London.....	1
Do.....	Steamship Rhyndland.....	Liverpool and Queenstown.....	86
Aug. 24	Steamship Pennsylvania.....	Antwerp.....	82
	Total		174

JNO. J. S. RODGERS,
*U. S. Commissioner of Immigration.**Report of immigration at New York for the week ended August 28, 1897.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of New York, August 31, 1897.**Number of alien immigrants who arrived at this port during the week ended August 28, 1897; also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
Aug. 22	Steamship Aragonia.....	Stettin	49
Do.....	Steamship La Gascogne.....	Havre.....	160
Aug. 23	Steamship California.....	Hamburg and Havre.....	99
Do.....	Steamship Spaarndam.....	Rotterdam.....	211
Aug. 24	Steamship Circosia.....	Glasgow and Mobile.....	55
Do.....	Steamship Normannia.....	Hamburg.....	156
Aug. 25	Steamship Pennsylvania.....	.....do.....	88
Do.....	Steamship Noordland	Antwerp.....	115
Do.....	Steamship Majestic.....	Liverpool and Queenstown	386
Aug. 26	Steamship Havel.....	Bremen.....	111
Do.....	Steamship Scotia.....	Naples and Palermo.....	327
Aug. 27	Steamship Barbarossa	Bremen.....	212
Do.....	Steamship Columbia.....	Hamburg.....	142
Aug. 28	Steamship St. Louis.....	Southampton	266
Do.....	Steamship Lucania.....	Liverpool and Queenstown	357
Do.....	Steamship Rotterdam.....	Rotterdam.....	217
	Total.....		2,951

THOMAS FITCHIE,
U. S. Commissioner of Immigration.

QUARANTINE REPORTS.

National quarantine and inspection 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.
Alexandria, Va. Brunswick, Ga.	Aug. 23 Aug. 21	Br. bk. Lindores Abbey.*	Aug. 2	Rio via Port Elizabeth.	Brunswick	Disinfected and held.	Aug. 21	No transactions.	
		Nor. bk. Havruen*.	Aug. 8	Santos	do.	do.			
		Am. sc. Susie M. Plummer.*	Aug. 12	Key Francis.	do.	do.	Aug. 18		
		Am. sc. Georgia Gilkey.*	Aug. 13	Martinique.	do.	do.			
		Am. sc. John R. Penrose.*	Aug. 14	Cardenas.	do.	do.	Aug. 19		
		Am. bg. Daisy	Aug. 16	Santos	do.	Held for disinfection.			
		Sp. bk. Maria Antonia.	do.	Habana	do.	do.			
		Am. sc. Humarock.	Aug. 18	San Juan, Puerto Rico.	do.	Disinfected and held.			
		Am. bkn. Enita.	Aug. 20	Pernambuco via Barbados.	do.	Held for disinfection.			
		Nor. bk. Havruen*.	Aug. 8	Santos	do.	Disinfected and held.	Aug. 23 Aug. 25		4
Cape Charles, Va.	Aug. 21	Am. sc. Georgia Gilkey.*	Aug. 18	Martinique.	do.	do.			
		Am. bg. Daisy*.	Aug. 16	Santos and Barbados.	do.	do.			
		Sp. bk. Maria Antonia.*	do.	Habana	do.	do.			
		Am. sc. Humarock*.	Aug. 18	San Juan, Puerto Rico	do.	do.	Aug. 23		
		Am. bkn. Emita*.	Aug. 20	Pernambuco via Barbados.	do.	do.	Aug. 28		
		Nor. bk. Sagitta.	Aug. 22	Rio	do.	Held for disinfection.			
		Sp. bk. Verdad	Aug. 25	Habana	do.	do.			
		Sp. bk. Maria Dolores.	Aug. 26	Santos	do.	do.			
		Nor. bk. Solvanden.	Aug. 27	do.	do.	do.			
		Br. ss. Mirimar*.	Aug. 10	Para.	New port Newa.	Disinfected.	Aug. 15		8
Cape Fear, N. C.	Aug. 28 Aug. 28	Br. str. Hawkhurst.	Aug. 23	Rio	Wilmington, N. C.	Disinfected and held.			11

* Previously reported.

QUARANTINE REPORTS—Continued.
National quarantine and inspection stations—Continued.

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.
Delaware Breakwater Quarantine, Del.	Aug. 28							No transactions.	18
Eureka, Cal.	Aug. 18							4 cases of intermittent malarial fever in quarantine.	1
Grays Harbor, Wash.	Aug. 25	Am. sc. Palos*	Aug. 7	Colon	Shieldsboro, Miss.	Disinfected and held	Aug. 16		1
Gulf Quarantine, Ship Island, Miss.	Aug. 21	Am. bkn. Vidette*	Aug. 10	Habana	Pascagoula, Miss.	do	do		
		Am. sc. Millie Williams,*	do	Vera Cruz	do	do	do		
		Br. bgn. Estella	Aug. 19	Habana	Ship Island	do		1 case, said to be yellow fever, died at sea.	
		Am. sc. Magnolia	do	Campeche	Handsboro	do		2 cases intermittent malarial fever in quarantine.	
		Br. sc. Sirocco	Aug. 20	Habana	Pascagoula	do			
		Br. bkn. Alberta	do	Para	do	do		2 cases of intermittent malarial fever, 1 case of remittent fever and diarrhoea in quarantine.	
		Am. bg. Gabrielle	Aug. 20	Habana	do	do		No transactions.	9
Newbern, N. C.	Aug. 28								20
Port Townsend, Wash.	Aug. 21								
Reedy Island Quarantine, Del.	Aug. 28								
San Diego, Cal.	Aug. 21								
San Francisco, Cal.	Aug. 21	Sp. s. Serra*	Aug. 8	Manzanillo and other Cuban ports.	Port Royal	Disinfected and held	Aug. 15	No report.	3
South Atlantic Quarantine, Blackbeard Island, Ga.	Aug. 21	Sp. bgtn. Joven Antonio*	Aug. 14	Habana	Brunswick	do		Remanded from Brunswick Quarantine, where 2 cases of sickness occurred.	
		Br. ss. Oceana	Aug. 20	Buenos Ayres	Sapelo	Held for disinfection.			
		Br. ss. Janeta	Aug. 21	Rio	do	do		No report.	
Tortugas Quarantine, Key West, Fla.								No transactions.	
Washington, N. C.	Aug. 28							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.
Andote, Fla.								No report.	
Apalachicola, Fla.								do.	
Bangor, Me.								do.	
Boston, Mass.								do.	
Carrabelle, Fla.	Aug. 28								1
Cedar Keys, Fla.									
Charleston, S. C.	Aug. 28	Span. br. Mayaquez.	Aug. 24	Cayenne.	Brunswick.	Ballast discharged and hold disinfected.	Aug. 27	No report.	8
Charlotte Harbor, Fla.									
Elizabeth River, Va.	Aug. 28							No report.	7
Galveston, Tex.	Aug. 21	Am. ss. Cumberland.	Aug. 16	Livingston.	Galveston.	Disinfected and held.	Aug. 20		9
		Br. ss. Avery Hill.	Aug. 17	St. Vincent.	do.	do.	Aug. 21	No report.	
Gardiner, Oreg.								do.	
Georgetown, S. C.								No report.	1
Gloucester, Mass.	Aug. 21								
Key West, Monroe Co., Fla.								No report.	7
Mayport, Fla.	Aug. 28								
Mobile Bay, Ala.	do.	Nor. s. Chipman *	Aug. 6	Rio.	Mobile.		Aug. 23	No report.	
New Bedford, Mass.								do.	
New Orleans, La.									10
Newport News, Va.	Aug. 28							No report.	
Newport, R. I.								do.	
New York, N. Y.								do.	
Perth Amboy, N. J.								do.	
Portland, Me.								do.	
Port Royal, S. C.	Aug. 28							No transactions.	1
Providence, R. I.	do.							No report.	
Sabine Pass, Tex.								do.	
St. Helena Entrance, S. C.								No report.	
Savannah, Ga.	Aug. 28	Br. s. Scottish Min-strel.*	Aug. 13	Santos.	Savannah.	Discharging ballast.		do.	
		Nor. bk. Paragon *	Aug. 16	Bahia.	do.	Disinfected and held.			
		Aust. bk. Vinka.*	Aug. 21	Santos via Barbados.	do.	Discharging ballast.			
		Br. bk. Curlew.	Aug. 25	Bahia via Barbados.	do.	Vessel in stream waiting berth.			

* 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 vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Savannah, Ga.	Aug. 28	Nor. bk. Tordenskjold	Aug. 28	Para via Barbados.	Savannah	Vessel in stream waiting birth.			
Tampa Bay, Fla.	do.	Am. sc. The Josephine*	Aug. 20	Tampico.	Punta Gorda.	Disinfected and held.	Aug. 27	Sent to be disinfected for having communicated with Spanish snails.	23
		Am. sc. Rover's Bros.	Aug. 24	Andote, Fla.	Andote, Fla.	do	do		
		Am. sc. Rosina	do	do	do	do	do		

* Previously reported.

Reports of States and yearly and monthly reports of cities.

IOWA—Boone.—Month of June 1897. Estimated population, 9,000. Total deaths, 4. No deaths from contagious diseases.

Cedar Rapids.—Month of June, 1897. Estimated population, 21,600. Total deaths, 12. No deaths from contagious diseases.

Month of July, 1897. Total deaths, 17, including 2 from phthisis pulmonalis.

Clinton.—Month of July. Estimated population, 25,000. Total deaths, 23, including phthisis pulmonalis, 3.

Davenport.—Month of June, 1897. Estimated population, 35,000. Total deaths, 38, including phthisis pulmonalis, 4.

Des Moines.—Month of June, 1897. Estimated population, 82,600. Total deaths, 59, including phthisis pulmonalis, 6, and diphtheria, 4.

Dubuque.—Month of June, 1897. Population, 42,574. Total deaths, 27, including whooping cough, 1, and phthisis pulmonalis, 1.

Oskaloosa.—Month of June, 1897. Estimated population, 8,500. Total deaths, 2. No deaths from contagious diseases.

Ottumwa.—Month of June, 1897. Estimated population, 18,000. Total deaths, 19, including phthisis pulmonalis, 1, and scarlet fever, 1.

MICHIGAN.—Week ended August 21, 1897. Reports to the State board of health, Lansing, from 62 observers, indicate inflammation of kidney, diphtheria at 19, influenza, inflammation of bowels, intermittent fever, and cholera morbus increased in area of prevalence. Phthisis pulmonalis was reported present at 191 places, enteric fever at 31, measles at 27, scarlet fever at 13, and whooping cough at 10 places.

NEW YORK.—Month of July, 1897. Reports to the State board of health, Albany, N. Y., from 152 cities, towns, and villages show a total of 11,235 deaths, including diphtheria and croup, 258; enteric fever, 87; measles, 76; scarlet fever, 69; smallpox, 4; phthisis pulmonalis, 941, and whooping cough, 66.

The Monthly Bulletin says:

The month of July has been characterized by the usual increase in diarrheal diseases, but to a less degree than normal. The reported mortality for the month, 11,235, is greater by 2,200 than that of the preceding month, but is less by 1,400 than that of the corresponding month of last year, and is the smallest reported in July since 1890. Compared with the preceding month, deaths from diarrheal diseases increased from 500 to 2,400; there were 300 more deaths reported from diseases of the digestive organs; 200 more from accidents and violence, and 200 more from indefinite unclassified causes. On the other hand, of zymotic diseases, diphtheria decreases by 100 in mortality; scarlet fever and measles decreased somewhat, while typhoid fever shows a moderate increase; acute respiratory diseases have diminished by 250, other local diseases showing no material variation. In June 8.5 per cent of the deaths were from zymotic diseases other than diarrheal, and in July 6.0 per cent. The death rate from all causes was 20.50, against 16.75 in June; 45.5 per cent of the deaths occurring under five years of age, against 31.5 per cent last month. Compared with the average July mortality, there

were 600 fewer deaths, and the infant mortality was less by 850, the diarrheal mortality being less by 750; deaths from accidents and violence are 200 above the average reported. In the maritime districts 26.65 per cent of the deaths were from the diarrheal diseases, in the Lake Ontario and western district 17.70 per cent, in the Hudson Valley district about 15.00 per cent, and in more rural districts from 5.00 to 8.00 per cent.

VIRGINIA—*Norfolk*.—Month of July, 1897. Estimated population, white, 25,710; colored, 19,290; total, 45,000. Deaths, white, 30; colored, 50; total, 80, including phthisis pulmonalis, 7; diphtheria, 1, and whooping cough, 1.

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.....	Aug. 28.....	8,338	1										
Baltimore, Md.....	do.....	434,439	204	17						9	1	3	
Binghamton, N. Y.....	do.....	35,005	9	1									
Boston, Mass.....	do.....	448,477	244	26						10	2	6	1
Brockton, Mass.....	Aug. 21.....	27,294	10	1									
Brooklyn, N. Y.....	Aug. 28.....	806,343	427	32						4		24	1
Brownsville, Tex.....	Aug. 14.....	6,134	3										
Chicago, Ill.....	Aug. 31.....	1,099,850	436	33						11		8	2
Cincinnati, Ohio.....	Aug. 27.....	296,908	92	9						1		3	6
Columbus, Ind.....	Aug. 28.....	6,719	2										2
Columbus, Ohio.....	do.....	88,150	32							2			
Dayton, Ohio.....	do.....	61,220	34	3									
Denver, Colo.....	Aug. 14.....	106,713	29	8						2			
Everett, Mass.....	Aug. 20.....	11,068	14										
Do.....	Aug. 27.....	11,068	12										1
Fall River, Mass.....	Aug. 28.....	74,398	38	2								1	
Grand Rapids, Mich.....	do.....	60,278	19	2					1				
Green Bay, Wis.....	Aug. 21.....	9,069	7										
Haverhill, Mass.....	Aug. 28.....	27,412	10	2									
Hoboken, N. J.....	do.....	43,648	18	1								1	
Ironton, Ohio.....	do.....	10,939	6										
Johnstown, Pa.....	do.....	21,805	5										
Kalamazoo, Mich.....	Aug. 21.....	17,853	6										
Lawrence, Mass.....	do.....	44,654	28										
Lowell, Mass.....	Aug. 28.....	77,696	47	3									
Lynchburg, Va.....	do.....	19,709	7										
McKeesport, Pa.....	Aug. 21.....	20,741	4										
Manchester, N. H.....	Aug. 28.....	44,126	24	1									2
Massillon, Ohio.....	Aug. 21.....	10,092	2										
Do.....	Aug. 28.....	10,092	1										
Medford, Mass.....	do.....	11,079	8										
Memphis, Tenn.....	do.....	64,495	28										
Middletown, N. Y.....	Aug. 23.....	7,681	7	2									
Mobile, Ala.....	Aug. 28.....	31,076	12	1									
Nashville, Tenn.....	do.....	76,168	30	4						2			
New Bedford, Mass.....	do.....	40,733	31	3					1				
Newburyport, Mass.....	Aug. 21.....	13,947	8	1						1			
Newport, R. I.....	Aug. 28.....	19,457	17	1									1
New York, N. Y.....	do.....	1,515,301	716	103						12	3	18	4
Norristown, Pa.....	do.....	19,791	3										
North Adams, Mass.....	do.....	16,074	13	1									
Omaha, Nebr.....	Aug. 21.....	140,452	17										
Oneonta, N. Y.....	Aug. 28.....	6,272	0										
Petersburg, Va.....	Aug. 25.....	22,680	12	2									
Do.....	Aug. 29.....	22,680	7									1	
Philadelphia, Pa.....	Aug. 28.....	1,046,964	387	31					8	6	23	1	5
Pittsfield, Mass.....	do.....	17,281	4										
Portland, Me.....	do.....	36,425	14	1									1
Poughkeepsie, N. Y.....	Aug. 21.....	22,206	4										
Do.....	Aug. 28.....	22,206	10	1									
Providence, R. I.....	do.....	132,146	52	8								1	
Pueblo, Colo.....	Aug. 21.....	24,558	8										
Reading, Pa.....	Aug. 30.....	58,661	23	2					1				
St. Louis, Mo.....	Aug. 21.....	451,770	147	13					2			5	2
Salt Lake City, Utah.....	do.....	44,843	9						1				
San Diego, Cal.....	do.....	16,159	3						1				
Santa Barbara, Cal.....	do.....	5,864	2										
Scranton, Pa.....	Aug. 28.....	75,215	31						1				
Taunton, Mass.....	do.....	25,448	16	1								1	
Utica, N. Y.....	Aug. 21.....	44,007	22	1									
Virginia City, Nev.....	do.....	8,511	0										
Waltham, Mass.....	Aug. 28.....	18,707	8										
Warren, Ohio.....	do.....	5,973	3										
Washington, D. C.....	Aug. 21.....	230,392	97	12					1				3
West Newton, Mass.....	Aug. 28.....	24,379	11	1					1				
Wilmington, Del.....	do.....	61,431	19	1					1			3	
Winona, Minn.....	Aug. 21.....	18,208	3										
Yonkers, N. Y.....	Aug. 27.....	32,033	14	1								1	
Youngstown, Ohio.....	Aug. 28.....	33,220	12	3									

* Estimated population, white, 28,870; colored, 36,295. Total, 65,165. † White, 5; colored, 21.

Table of temperature and rainfall, week ended August 30, 1897.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	* Excess.	* Deficiency.	Normal.	Excess.	Deficiency.
Atlantic Coast:						
Eastport, Me.....	59	1		.77		.47
Portland, Me.....	65		1	.79		.19
Northfield, Vt.....	62		2	.98		.28
Boston, Mass.....	67	1		.88	.52	
Vineyard Haven, Mass.....	70		2	1.05		.95
Nantucket, Mass.....	66	0		.76	.54	
Woods Hole, Mass.....	66	2		.89		.79
Block Island, R. I.....	66	2		.77	.03	
New Haven, Conn.....	68	0		1.02	.38	
Albany, N. Y.....	69		1	.85	.85	
New York, N. Y.....	70	0		1.01	.29	
Harrisburg, Pa.....	70	0		.98	.52	
Philadelphia, Pa.....	72	2		.92		.32
New Brunswick, N. J.....	69	1		1.14	.86	
Atlantic City, N. J.....	70	2		1.03		.93
Baltimore, Md.....	73	1		.91	.79	
Washington, D. C.....	73	0		.84		.16
Lynchburg, Va.....	74	0		.90		.90
Cape Henry, Va.....	75	3		1.19		.59
Norfolk, Va.....	75	1		1.29		.69
Charlotte, N. C.....	75	1		1.10		1.10
Raleigh, N. C.....	78	5		1.52		1.32
Kittyhawk, N. C.....	77	1		1.40		1.40
Hatteras, N. C.....	76	4		1.47		1.47
Wilmington, N. C.....	77	3		1.61		1.41
Columbia, S. C.....	77	3		1.40		1.40
Charleston, S. C.....	80	2		1.65		1.25
Augusta, Ga.....	78	2		1.12		1.12
Savannah, Ga.....	79	3		1.71		1.71
Jacksonville, Fla.....	80	2		1.47		1.47
Jupiter, Fla.....	81		1	1.35	3.75	
Key West, Fla.....	84		2	1.23	1.37	
Gulf States:						
Atlanta, Ga.....	75	3		1.05		1.05
Tampa, Fla.....	81	1		2.05		1.85
Pensacola, Fla.....	80	0		1.69		1.69
Mobile, Ala.....	80	0		1.50		1.50
Montgomery, Ala.....	79	1		.88		.78
Vicksburg, Miss.....	79	1		.77	.03	
New Orleans, La.....	81	1		1.33		1.33
Shreveport, La.....	80	2		.61		.61
Fort Smith, Ark.....	75	5		.84		.84
Little Rock, Ark.....	76	6		.87		.87
Palestine, Tex.....	79	3		.63		.63
Galveston, Tex.....	83		1	1.40		1.40
San Antonio, Tex.....	81		1	.93		.93
Corpus Christi, Tex.....	80	0		.91	.59	
Ohio Valley and Tennessee:						
Memphis, Tenn.....	77	5		.80		.40
Nashville, Tenn.....	76	4		.80		.80
Chattanooga, Tenn.....	74	4		.91		.91
Knoxville, Tenn.....	74	0		.81		.81
Louisville, Ky.....	75	1		.74		.64
Indianapolis, Ind.....	72	2		.70		.50
Cincinnati, Ohio.....	73	1		.77		.07
Columbus, Ohio.....	70	0		.70	.30	
Parkersburg, W. Va.....	71		1	.84		.24
Pittsburg, Pa.....	71		3	.67		.07
Lake Region:						
Oswego, N. Y.....	66		2	.62		.02
Rochester, N. Y.....	67		3	.67		.47
Buffalo, N. Y.....	67		3	.76		.66
Erie, Pa.....	68		2	.77	.23	
Cleveland, Ohio.....	68		2	.70	.20	
Sandusky, Ohio.....	70	0		.70		.10
Toledo, Ohio.....	69		1	.56		.46
Detroit, Mich.....	68	0		.56	.24	
Lansing, Mich.....	67		1	.63		.43
Port Huron, Mich.....	66	0		.62		.42
Albena, Mich.....	63		3	.80		.30
Sault Ste. Marie, Mich.....	61		3	.75		.45
Marquette, Mich.....	63		1	.70		.80
Green Bay, Wis.....	65	1		.69		.69

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

Table of temperature and rainfall, week ended August 30, 1897—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Deficiency.	Normal.	Excess.	Deficiency.
Lake Region—Continued.						
Grand Haven, Mich.....	66		2	.67		.57
Milwaukee, Wis.....	67	3		.63		.53
Chicago, Ill.....	70	2		.63		.53
Duluth, Minn.....	63		1	.82		.32
Upper Mississippi Valley:						
St. Paul, Minn.....	68		2	.70		.70
La Crosse, Wis.....	69		3	.82		.72
Dubuque, Iowa.....	70		2	.74		.74
Davenport, Iowa.....	71	1		.77		.67
Des Moines, Iowa.....	70	2		.70		.60
Keokuk, Iowa.....	73	3		.60		.60
Springfield, Ill.....	72	2		.59		.59
Cairo, Ill.....	76	4		.63		.63
St. Louis, Mo.....	75	5		.77		.37
Missouri Valley:						
Columbia, Mo.....	73	3		.64		.54
Springfield, Mo.....	71	7		.86		.86
Kansas City, Mo.....	74	4		.84		.54
Wichita, Kans.....	73	7		.77		.17
Concordia, Kans.....	71	5		.63		.63
Lincoln, Nebr.....	71	1		.63		.53
Omaha, Nebr.....	72	0		.70		.20
Sioux City, Iowa.....	69		1	.63		.53
Yankton, S. Dak.....	71		1	.70		.60
Valentine, Nebr.....	67	7		.39		.39
Huron, S. Dak.....	67		1	.52		.52
Pierre, S. Dak.....	71	1		.32		.32
Moorhead, Minn.....	64		2	.56		.56
Bismarck, N. Dak.....	66	0		.42		.12
Williston, N. Dak.....	64	2		.21		.11
Rocky Mountain Region:						
Havre, Mont.....	63	1		.28		.28
Helena, Mont.....	63	5		.14		.14
Miles City, Mont.....	68			.21		.11
Rapid City, S. Dak.....	67	5		.28		.28
Spokane, Wash.....	67	1		.12		.12
Wallawalla, Wash.....	73		1	.07		.07
Baker City, Oreg.....	65	3		.09		.09
Salt Lake City, Utah.....	71	5		.21		.21
Lander, Wyo.....	64	4		.16		.16
Cheyenne, Wyo.....	63	3		.31		.31
North Platte, Nebr.....	69	3		.52		.52
Denver, Colo.....	69	3		.30		.30
Pueblo, Colo.....	69	3		.42		.43
Dodge City, Kans.....	73	5		.55		.55
Oklahoma, Okla.....	78	2		.75		.65
Amarillo, Tex.....	71	3		.67		.67
Abilene, Tex.....	77	3		.63		.63
Santa Fe, N. Mex.....	64	2		.45		.25
El Paso, Tex.....	77	1		.37		.37
Phoenix, Ariz.....	86	2		.16	.04	
Pacific Coast:						
Fort Canby, Wash.....	60		2	.41		.41
Portland, Oreg.....	65	1				
Roseburg, Oreg.....	65	1		.07		.07
Eureka, Cal.....	56	0		.07		.07
Redbluff, Cal.....	79		3	.01		.01
Carson City, Nev.....	66	4		.07	.23	
Sacramento, Cal.....	72		2	.00		.60
San Francisco, Cal.....	60		2	.00		.00
Fresno, Cal.....	81		3	.00		.00
Los Angeles, Cal.....	70	2		.02		.02
San Diego, Cal.....	68	2		.00		.00
Yuma, Ariz.....	89		1	.07	.43	

*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, yellow fever, and plague as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 29, 1896, to September 3, 1897.

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
India:				
Bombay	Dec. 8-Dec. 15.....		1	
	Dec. 22-Dec. 29.....		1	
	Mar. 23-Mar. 30.....		1	
	Mar. 31-June 29.....		68	
	July 1-July 27.....		166	
Calcutta.....	Nov. 14-Jan. 30.....		267	
	Jan. 31-Feb. 27.....		311	
	Feb. 28-Mar. 6.....		125	
	Mar. 6-May 29.....		1,310	
	May 30-June 28.....		176	
	June 27-July 17.....		100	
Madras.....	Nov. 21-Nov. 27.....		2	
	Nov. 28-Dec. 4.....		1	
	Dec. 12-Dec. 25.....		6	
	Dec. 26-Jan. 29.....		22	
	Jan. 30-Feb. 26.....		13	
	Feb. 27-Mar. 5.....		2	
	Mar. 6-Mar. 19.....		1	
	Mar. 20-Mar. 26.....		2	
	May 29-June 25.....		4	
	June 26-July 23.....		10	
Singapore.....	Nov. 1-Nov. 30.....		12	
	Dec. 1-Dec. 31.....		5	
	June 1-June 30.....		1	
Ceylon:				
Colombo	Nov. 28-Jan. 23.....		114	
	Jan. 23-Jan. 30.....	1	1	
	July 3-July 17.....	4	4	
England:				
Plymouth.....	Jan. 9.....		4	On steamship <i>Nubia</i> . No cases in city.
Japan:				
Chiba Ken.....	July 20-Aug. 3.....	4	3	
Fukuoka Ken.....	June 28-Aug. 3.....	6	4	
Hiogo Ken.....	June 29-July 6.....	1	1	
Kanagawa Ken.....	July 7-Aug. 3.....	13	9	
Kioto Fu.....	July 16-Aug. 3.....	2	1	
Okinawa.....	July 30-Aug. 3.....	1	1	
Osaka.....	May 1-July 6.....	13	2	
	July 16-July 25.....	2	2	
Oyama Ken.....	June 28-July 6.....	1		
Saitama.....	July 16-July 25.....	1	1	
Shiga Ken.....	July 20-Aug. 3.....	1	1	
Tochigi Ken.....	July 20-Aug. 3.....	1	1	
Tokyo.....	Dec. 4-Dec. 29.....	8	7	
	Dec. 30-Jan. 18.....	3	3	
	June 28-Aug. 3.....	28	10	
Yamanashi Ken.....	July 7-July 15.....	1		
Yamaguchi Ken.....	July 20-Aug. 3.....	1	1	
Yokohama.....	Dec. 4-Dec. 29.....	4	3	
	Dec. 30-Jan. 18.....	2	2	

YELLOW FEVER.

Brazil:			
Bahia	May 13-May 19.....	5	3
Para.....	Dec. 12-Jan. 30.....		32
	Jan. 31-Feb. 27.....		20
	Feb. 27-Mar. 6.....		9
	Mar. 13-Mar. 20.....		3
	Apr. 3-Apr. 10.....		3
	May 30-June 5.....		4
	June 20-July 3.....		7
	July 4-July 31.....		11
	Aug. 1-Aug. 7.....		2

*Cholera, yellow fever, plague, etc.—Continued.***YELLOW FEVER—Continued.**

Places.	Date.	Cases.	Deaths.	Remarks.
Brazil—Continued.				
Rio de Janeiro.....	Nov. 21-Dec. 26.....	.....	10	
	Dec. 26-Jan. 30.....	.....	28	
	Jan. 31-Feb. 6.....	12	5	
	Feb. 13-Feb. 20.....	21	6	
	Feb. 20-Mar. 6.....	.....	16	
	Mar. 7-May 29.....	174	78	
	May 30-July 3.....	10	7	
Cuba: *	July 4-July 31.....	3	2	
Cardenas.....	Dec. 25-Jan. 30.....	84	8	
	Jan. 31-Feb. 27.....	38	1	
	Apr. 17-June 26.....	46	9	
	June 27-July 31.....	7	3	
Cienfuegos.....	Aug. 1-Aug. 21.....	.....	8	
	Dec. 20-Dec. 27.....	.....	8	
	Dec. 28-Jan. 17.....	.....	2	
	Apr. 4-Apr. 11.....	.....	1	
	May 17-May 23.....	.....	1	
	June 20-July 25.....	.....	30	
	July 26-Aug. 1.....	.....	16	
Habana.....	Aug. 2-Aug. 22.....	.....	25	
	Dec. 17-Dec. 31.....	220	79	
	Jan. 1-Jan. 28.....	400	144	
	Jan. 28-Feb. 25.....	117	44	
	Feb. 25-Mar. 23.....	130	38	
	Mar. 25-Apr. 29.....	342	85	
	Apr. 30-July 1.....	750	279	
	July 2-July 29.....	.....	192	
	July 3-Aug. 5.....	.....	28	
	Aug. 6-Aug. 26.....	.....	81	
Manzanillo.....	Apr. 1-Apr. 15.....	.....	1	
	May 15-May 31.....	.....	1	
	June 1-June 15.....	.....	1	
	July 2-July 31.....	.....	6	
Matanzas.....	Aug. 1-Aug. 15.....	.....	5	
	Dec. 9-Dec. 23.....	.....	8	
	Dec. 23-Jan. 27.....	.....	19	
	Jan. 27-Feb. 24.....	.....	4	
Santiago.....	Feb. 25-Mar. 31.....	.....	2	
	Apr. 1-June 30.....	9	24	
	July 1-July 28.....	.....	17	
	July 29-Aug. 4.....	.....	4	
	Aug. 5-Aug. 18.....	.....	16	
	Dec. 5-Dec. 26.....	.....	17	
	Dec. 26-Jan. 30.....	.....	16	
	Jan. 16-Jan. 30.....	.....	5	
	Jan. 30-Feb. 27.....	.....	6	
	Feb. 27-Mar. 27.....	.....	3	
Sagua la Grande.....	May 2-July 3.....	54	64	140 cases in military hospital.
	July 4-July 31.....	.....	82	
	Aug. 1-Aug. 21.....	.....	46	
	Dec. 19-Dec. 26.....	50	5	
	Dec. 26-Jan. 9.....	65	6	
	Jan. 9-Jan. 30.....	110	12	
	Jan. 31-Feb. 27.....	35	7	
Sagua la Grande.....	Feb. 27-Mar. 27.....	54	17	
	Mar. 28-June 26.....	304	.....	Number of deaths not given.
	June 27-July 31.....	185	9	
	Aug. 1-Aug. 21.....	82	3	
Ecuador:				
Guayaquil.....	Dec. 18-Jan. 10.....	.....	9	
Haiti:				
Port au Prince.....	Dec. 1-Dec. 7.....	.....	2	
	Dec. 14.....	.....	.....	Yellow fever epidemic.
	Mar. 1-Mar. 8.....	.....	3	
Guadeloupe:				
Basse Terre.....	Jan. 5.....	1	.....
Jamaica:				
Kingston.....	July 17-July 31.....	2	1	
	Aug. 1-Aug. 19.....	3	1	
Mexico:				
Vera Cruz.....	June 24.....	.....	.....	Yellow fever reported.
	June 25-July 1.....	.....	2	
	June 29.....	.....	2	

* February 28, 1897, 300 cases of yellow fever were reported among the sick soldiers on the Island.

Cholera, yellow fever, plague, etc.—Continued.

YELLOW FEVER—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Peru:				
Callao	June 10-June 17...		2	In harbor on steamship <i>Santiago</i> from Panama.
United States of Colombia:				
Bocas del Toro	Aug. 22			1 case yellow fever.
Panama	Apr. 14	20	17	
	June 25	91	62	Estimated.
Panama	June 23-July 3...	12	7	
	July 4-Aug. 3...	33	15	
	Aug. 4-Aug. 13...	4	2	
Colon	May 12-May 25...		5	
	Aug. 4-Aug. 14...		1	

PLAGUE.

Arabia:				
Jeddah	June 10	16	23	
Egypt:				
Suez	Mar. 31			One case of plague on Br. ss. <i>Dikwara</i> from Bombay.
India:				
Bombay*	Dec. 1-Dec. 22	694		This is the number of deaths officially reported. The United States consul estimates the number of deaths for the same period at 2,763.
	Dec. 22-Jan. 5	738		Estimated deaths for this same period, 2,953.
	Jan. 5-Jan. 12	385		Estimated deaths for this same period, 1,388.
	Jan. 12-Jan. 19	470		
	Jan. 19-Jan. 26	443		Estimated deaths for this same period, 1,462.
	Jan. 26-Feb. 23	2,884		Estimated deaths for this same period, 5,845.
	Feb. 23-Mar. 9	1,282		Estimated deaths for this same period, 2,265.
	Mar. 9-Mar. 30	1,431		Estimated deaths for this same period, 2,730.
	Mar. 31-June 1	1,681		Estimated deaths from March 31 to April 20, 2,892.
	June 2-June 29	90		
	July 1-July 27	34		
Calcutta	Feb. 6-Feb. 13	1		
Karachi	Jan. 11			Plague epidemic; 220 cases, 214 deaths to date.
China:				
Amoy	June 30			Plague epidemic reported.
Hongkong	Dec. 13-Dec. 29			A few cases.
	May 21-May 29	4	2	
	June 6-June 12		1	
	June 26-July 17		3	
Macao	Apr. 1-May 31		154	
	June 1-June 3	43		
Swato	June 1			Plague epidemic reported.
Japan:	May 4			Epidemic of plague reported.
Formosa	Nov. 6-Nov. 30	53	37	
	Dec. 1-Dec. 29		15	
	Jan. 19-Jan. 27	3		
	Feb. 23-Mar. 12	3		
	Mar. 13-Mar. 23	4		
	Mar. 24-Mar. 31	3		
	Apr. 1-Apr. 20	64	54	
	Apr. 20-May 20	268		
	May 31-June 27	144		
	June 28-July 25	25		
Kanagawa Ken	July 7-Aug. 3	3	2	
Nagasaki Ken	June 9-June 27	3	3	
Taihoku	Apr. 20-Apr. 27	3		
Russia:				
St. Petersburg	Apr. 10-Apr. 17		1	
Theodosia	Mar. 31			One case of plague on Br. ss. <i>Baldwin</i> .

* Official returns show 9,118 cases and 7,602 deaths to March 12.

BRAZIL.

Sanitary report from Rio de Janeiro.

RIO DE JANEIRO, August 2, 1897.

SIR: I have the honor to transmit report for the week ended August 31, 1897:

There were 4 deaths from *accessio pernicioso*, an increase of 3; none from yellow fever, 1 in the foregoing week; 3 from *beriberi*, an increase of 2; 1 from measles, a decrease of 1; 1 from influenza, none in the foregoing week; 49 from tuberculosis, a decrease of 5; none from whooping cough, 1 in the foregoing week, and 286 from all causes, an increase of 3.

The health of the town and port is excellent, as the above shows.

Telegraphic reports here state that smallpox is epidemic in Para, and yellow fever in Bahia.

Since last report the following-named ships have been inspected and received bills of health from this office: July 26, ship *Valkyrian*, Russian, for Pensacola, Fla. July 27, ship *Albania*, British, for Sabine Pass, La. July 28, steamship *Cotohele*, British, for Galveston, Tex. July 30, steamship *Janeta*, British, for St. Lucia, West Indies, and ship *Gantock Rock*, British, for New York, N. Y. July 31, bark *Margarethe*, Norwegian, for Savannah, Ga.; steamship *Hevelius*, Belgian, for New York, N. Y.; bark *Edinburg*, British, for Sabine Pass, La., and steamship *Hawkhurst*, British, for St. Lucia, West Indies.

Respectfully, yours,

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

The SUPERVISING SURGEON-GENERAL,
U. S. Marine-Hospital Service.

CANADA.

Smallpox in Montreal.

MONTREAL, August 26, 1897.

The present status of smallpox in this Province is as follows:

Municipality.	Date of outbreak.	New cases since last report.	Total cases since outbreak.	Died.	Still sick.	Houses infected since outbreak.	Houses still infected.
Montreal City *.....	July 2	0	† 11	5	6	7	† 0
Westmount (Hochelaga Co.)‡	July 26	‡ 1	5	1	4	2	† 0

* Population, 240,000.

† The doubtful case reported on the 18th has proved to be smallpox.

‡ Except the isolation hospital.

§ Population, 6,000.

|| The chief of police, who helped to a disinfection.

Yours, respectfully,

ELZÉAR PELLETIER,
Secretary Board of Health of the Province of Quebec.

CUBA.

Smallpox and yellow fever in Cuban seaports.

August 24 : The United States consul at Cardenas reports that during the week ended August 21 there were in that city 5 deaths from yellow fever and 2 deaths from smallpox.

August 23 : The United States consul at Cienfuegos reports that during the week ended August 22 there were in that city 11 deaths from yellow fever and no deaths from smallpox.

August 28 : The United States sanitary inspector at Habana reports that during the week ended August 26 there were in that city 31 deaths from yellow fever and 1 death from smallpox.

August 30 : The United States consular agent at Manzanillo reports that during the 2 weeks ended August 15 there were in that city 5 deaths from yellow fever.

August — : The United States consul at Santiago de Cuba reports that during the 2 weeks ended August 21 there were in that city 39 deaths from yellow fever.

August 23 : The United States consul at Sagua la Grande reports that during the 2 weeks ended August 21 there were in that city 82 cases and 3 deaths from yellow fever, and 52 cases and 3 deaths from smallpox.

August 31 : The United States consul at Guantanamo reports that during the month of July, 1897, there were in that city 3 deaths from yellow fever and 1 death from smallpox.

Sanitary report from Habana.

HABANA, CUBA, *August 28, 1897.*

SIR : I have the honor to transmit the following report of the transactions of this office for the week ended Thursday, August 26, 1897, accompanied by the comparative mortuary statistics of the city of Habana for the past seven weeks. The work here during the past week has been arduous and unpleasant, all of the work having been performed by me, and many persons applying for certificates to go to the United States not admissible under the regulations; and I would here state that I found one family who applied for certificates to go to Tampa, Fla., bearing papers which stated that they were born in the province of Pinar del Rio, and on being questioned stated that they had lived in the country all their lives until two years ago, when they came to the city. They had never had yellow fever. When told that they could not go to Tampa they left the office, only to return a few days later, bearing an official statement that they were born in the city of Habana, and had resided here for some time. They were again rejected, when a physician's certificate was furnished that he had attended them during an attack of yellow fever. They were then rejected for the third time. This is but one of similar cases, and is described to demonstrate the difficulty of the work here, the persistency of the people here to transgress our sanitary laws, and the facility with which persons can get official papers to suit the requirements of the occasion.

Yellow fever has increased slightly over the week previous. Of the

31 deaths recorded but 1 occurred among the civilians, the others being among the Spanish soldiers. It will be noticed that the deaths from enteric and pernicious fevers have steadily increased each week.

The death rate from enteritis and dysentery still continues high. Smallpox caused 1 death ; it occurred in a military hospital. This is the first death from that disease since July 21. I estimate the number of cases at 10. The weather continues warm, but the rains have ceased for several days. But one vessel is at the Tallapiedra Wharf, an American schooner. So far yellow fever has not appeared on the vessel.

Very respectfully,

W. F. BRUNNER,
Sanitary Inspector, U. S. M. H. S.

The SUPERVISING SURGEON-GENERAL,
U. S. Marine-Hospital Service.

[Inclosure.]

Comparative statistics of the mortality of the city of Habana for the weeks ended July 15, July 22, July 29, August 5, August 12, August 19, and August 26, 1897.

Disease.	Week ended—						
	July 15.	July 22.	July 29.	Aug. 5.	Aug. 12.	Aug. 19.	Aug. 26.
Yellow fever.....	41	48	40	28	23	27	31
Enteric fever.....	11	14	17	21	20	22	24
Pernicious fever.....	10	6	14	14	13	8	17
Paludal fever.....	2	3	3	2	7	7	6
Dysentery.....	9	22	21	23	39	24	34
Enteritis.....	12	23	30	42	36	32	30
Smallpox.....	1	3	0	0	0	0	1
Glanders.....	1	0	1	1	1	0	0
Diphtheria.....	0	1	1	1	1	0	1
Pneumonia.....	6	3	3	3	14	11	7
Tuberculosis.....	29	28	32	38	31	46	87
From all causes.....	235	264	281	306	317	342	333
Annual ratio per 1,000.....	61.10	68.64	73.64	74.56	82.42	88.90	87.88

SANTIAGO DE CUBA, *August 14, 1897.*

SIR: I have the honor of submitting the following report on the sanitary condition of Santiago de Cuba for the week ended August 14 :

There were 79 deaths during the week, of which 22 were from yellow fever, 3 from typhomalaria, 7 from remittent and 13 from pernicious fever, 4 from dysentery, and 5 from tuberculosis; the rest from common diseases not contagious in character.

I beg to call your attention to the fact that public carriages are now used to carry the sick soldiers that come on the trains from the interior to the military hospital (about half a mile). This is a very dangerous practice, as any unacclimated foreigner may catch yellow fever and embark for the United States during the period of incubation, and the disease break out on his arrival. I have decided to put up a placard on board the American steamers, warning passengers to avoid public conveyances as much as possible.

Respectfully,

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

The SUPERVISING SURGEON-GENERAL,
U. S. Marine-Hospital Service.

SANTIAGO DE CUBA, *August 21, 1897.*

SIR: There were 76 deaths reported for the week ended Saturday, August 21. Of these, 17 were from yellow fever, 3 from tuberculosis, 2

from dysentery, 6 from enteritis, 1 from typhomalaria, 9 from pernicious and 5 from remittent fever; the rest from common diseases of noncontagious character.

The public health in Santiago has ameliorated some, and malarial fevers seem to be the reigning disease at present. Yellow fever, as usual, confined to the soldiers.

The consular agent sends the following report from Guantanamo for the month of July: Yellow fever, 3; smallpox, 1; common diseases, 161; total, 165.

Although the report from Guantanamo does not include any deaths from beriberi, I have been informed by United States Consul Hyatt that some respectable and well-informed parties have assured him of the existence of beriberi at that place. If such be the case, I shall go over and investigate the truth of this report.

Respectfully,

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

The SUPERVISING SURGEON-GENERAL,
U. S. Marine-Hospital Service.

JAPAN.

Report of infectious diseases.

YOKOHAMA, August 5, 1897.

SIR: I have the honor to forward herewith my regular report of infectious diseases in Japan for period July 26 to August 3, inclusive.

The most noticeable point in the present report is the sudden and extensive increase of epidemic dysentery, now an annual visitor and one with which the sanitary authorities have, so far, failed to deal with any marked success.

The absence of any returns from the Fu and large city of Osaka is to be regretted, as well as the continued mistaken policy of the municipality of Tokyo, in refraining from the publication of deaths from infectious disease. I am positive, however, that, notwithstanding the absence of official statistics, no outbreak of the more important epidemic maladies can occur in either place without my knowledge of its nature and approximate extent.

Of the actual character of the cases returned as cholera I am unable to speak decidedly, but consider it probable that some were genuine. Of those reported in this (Kanagawa) Ken the greater number occurred in country districts, where the conditions are most unfavorable for accurate diagnosis, and the medical attendants prone to err on the safer side in complying with the stringent regulations for the notification of infectious disease.

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

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

The SUPERVISING SURGEON-GENERAL,
U. S. Marine Hospital Service.

[Inclosure.]

Report of infectious diseases in Japan, July 20 to August 3, 1897.

Locality.	Cholera.		Dysentery.		Smallpox.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Kioto Fu.....	1		6		1	
Osaka Fu.....	(*)					
Tokyo Fu.....	13	3	398	(*)		
Aichi Ken.....			179	19	1	
Akita Ken.....			1			
Awamori Ken.....						
Chiba Ken.....	4	3	150	28	3	1
Fukui Ken.....				1		
Fukuoka Ken.....	2	2	39	5	2	
Fukushima Ken.....					3	
Gifu Ken.....			33	3		
Gumma Ken.....			112	13		
Hiogo Ken.....			22	3		
Hiroshima Ken.....			7	3		
Ibaraki Ken.....			102	25	1	
Ishikawa Ken.....					2	
Iwate Ken.....			5			
Kagawa Ken.....			21	7	10	3
Kagoshima Ken.....						
Kanagawa Ken (Yokohama).....	7	5	133	34		
Kochi Ken.....						
Kumamoto Ken.....			20	4	1	
Miyagi Ken.....					4	
Miyazaki Ken.....			77	9		
Miye Ken.....			12	1	6	1
Nagano Ken.....			13	1		
Nagasaki Ken.....			10	1	38	11
Nara Ken.....						
Niigata Ken.....			1		19	3
Oita Ken.....			12	6	5	1
Okayama Ken.....			17	4	1	
Okinawa Ken.....	1	1				
Saga Ken.....			2		10	3
Saitama Ken.....			388	58	3	
Shidzuoka Ken.....			360	76		
Shiga Ken.....	1	1	3	2		
Shimane Ken.....			11	3		
Tochigi Ken.....	1	1	193	42	2	
Tokushima Ken.....			44	12	10	7
Tottori Ken.....			1	1	7	1
Toyama Ken.....					15	9
Wakayama Ken.....						
Yamagata Ken.....			2			
Yamaguchi Ken.....	1	1	24	2	1	
Yamanashi Ken.....			145	10		
Yehime Ken.....			90	9	7	
The Hokkaido.....			2	1	13	5
Taiwan (Formosa)†.....						
Totals.....	31	17	2635	383	156	45

* No report.

† One case of plague.

UNITED STATES OF COLOMBIA.

Sanitary report from Colon.

COLON, August 24, 1897.

DEAR SIR: There has been 1 case of yellow fever in Colon during the past ten days, terminating in recovery.

We are having heavy rains, which may improve the general health.

Very respectfully, yours,

L. P. RANDALL,
Sanitary Inspector, U. S. M. H. S.

The SUPERVISING SURGEON-GENERAL,
U. S. Marine-Hospital Service.

Sanitary report from Panama.

PANAMA, August 23, 1897.

SIR: * * * On the 19th instant I inspected Pacific Mail Steamship Company's *City of Sydney*, and, finding everything in good order, advised consul to give a clean bill of health, as at present there is not a single case of yellow fever in Panama.

Yours, very respectfully,

CHAS. A. COOKE, M. D.,
Sanitary Inspector, U. S. M. H. S.

The SUPERVISING SURGEON-GENERAL,
U. S. Marine-Hospital Service.

STATISTICAL REPORTS.

BAHAMAS—*Dunmore Town*.—Two weeks ended August 13, 1897. Estimated population, 1,472. One death. No deaths from contagious diseases.

Governors Harbor.—Two weeks ended August 14, 1897. Estimated population, 1,500. No deaths.

Green Turtle Cay—Abaco.—Estimated population, 3,900. No deaths.

BRAZIL—*Ceara*.—Month of July, 1897. Estimated population, 50,000. Total deaths, 117, including measles, 8, and whooping cough, 8.

CHILE—*Antofagasta*.—Month of June, 1897. Estimated population, 14,000. Total deaths, 44, including 4 from phthisis pulmonalis.

CUBA—*Guantanamo*.—Month of July, 1897. Total deaths, 165, including yellow fever, 3, and smallpox, 1.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 33 great towns in England and Wales during the week ended August 14 correspond to an annual rate of 29.5 a thousand of the aggregate population, which is estimated at 10,992,524. The highest rate was recorded in Birmingham, viz, 43.0, and the lowest in Swansea, viz, 14.6 a thousand.

London.—Two thousand two hundred and forty-six deaths were registered during the week, including smallpox, 1; measles, 21; scarlet fever, 16; diphtheria, 38; whooping cough, 25; enteric fever, 7, and diarrhea and dysentery, 621. The deaths from all causes correspond to an annual rate of 26.2 a thousand. In greater London, 3,053 deaths were registered, corresponding to an annual rate of 25.3 a thousand of the population. In the "outer ring" the deaths included 12 from diphtheria, 11 from measles, 2 from scarlet fever, and 9 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended August 14 in the 23 principal town districts of Ireland was 24.8 a thousand of the population. The lowest rate was recorded in Ballymena, viz, 0.0, and the highest in Clonmel, viz, 82.9 a thousand. In Dublin and suburbs 178 deaths were registered, including scarlet fever, 3; whooping cough, 5, and enteric fever, 4.

Scotland.—The deaths registered in 8 principal towns during the week

ended August 14 correspond to an annual rate of 19.0 a thousand of the population, which is estimated at 1,549,907. The lowest mortality was recorded in Aberdeen, viz, 10.2, and the highest in Perth, viz, 25.6 a thousand. The aggregate number of deaths registered from all causes was 565, including measles, 7; scarlet fever, 12; diphtheria, 2, and whooping cough, 18.

Dundee.—Month of July, 1897. Estimated population, 163,090. Total deaths, 277, including enteric fever, 4; scarlet fever, 1, and whooping cough, 12.

FRANCE—Roubaix.—Month of July, 1897. Estimated population, 127,000. Total deaths, 190, including enteric fever, 2; scarlet fever, 1; diphtheria, 1; measles, 1, and whooping cough, 5.

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.
Aix la Chapelle.....	Aug. 7.....	112,915	99						1			
Amherstburg.....	Aug. 21.....	2,300	0									
Amsterdam.....	Aug. 14.....	498,112	150					1		1		2
Antofagasta.....	June 30.....	14,000	12									1
Belfast.....	Aug. 14.....	281,431	165					9		2		5
Belize.....	Aug. 20.....	13,000	6									
Belleville.....	Aug. 16.....	10,399	4					2				
Do.....	Aug. 23.....	10,399	5									
Bergen.....	Aug. 4.....	57,800	15									
Birmingham.....	Aug. 14.....	505,772	408					2	1	3	18	5
Bluefields.....	Aug. 16.....	3,000	2									
Bombay.....	July 27.....	821,764	*770	84		2		1			6	
Bremen.....	July 31.....	142,500	35					1				
Bristol.....	Aug. 14.....	232,242	81									1
Brussels.....	Aug. 7.....	531,011	228					5	1		1	1
Budapest.....	Aug. 13.....	640,000					1			2		
Calcutta.....	July 17.....	681,560	387	38		1					1	
Cardenas.....	Aug. 14.....	23,517	35		1		1	14			1	
Do.....	Aug. 21.....	23,517	40		5	2	1	5				
Catania.....	Aug. 10.....	120,000	63									
Christiania.....	Aug. 14.....	192,141	75					1			1	
Cienfuegos.....	Aug. 22.....	24,030	81		11			1			1	1
Coaticook.....	Aug. 14.....	2,500	0									
Do.....	Aug. 21.....	2,500	1									
Cologne.....	Aug. 7.....	335,473	228							1		4
Colombo.....	July 17.....	127,836	87	1				1				
Copenhagen.....	Aug. 7.....	333,714	137									1
Crefeld.....	do.....	108,316	84									
Do.....	Aug. 14.....	108,316	76						1			
Dresden.....	Aug. 7.....	372,700	181							5		1
Dublin.....	Aug. 14.....	350,000	178					1	2			
Dundee.....	do.....	163,090	52					1	2			1
Dusseldorf.....	Aug. 7.....	189,156	137									
Edinburgh.....	Aug. 14.....	292,364	81					1	4		2	6
Flushing.....	do.....	17,193	5									
Frankfort on the Main.....	Aug. 7.....	240,000	101					1	1			1
Gibraltar.....	Aug. 8.....	25,900	6									
Glasgow.....	Aug. 14.....	714,919	311					2	1	1	1	9
Göthenburg.....	Aug. 7.....	115,896	43								1	
Halifax.....	Aug. 21.....	38,700	19									
Hamburg.....	Aug. 14.....	641,780	323					2		1		
Hongkong.....	July 3.....	232,662						1				
Do.....	July 10.....	232,662				1		2				
Do.....	July 17.....	232,662	(†)									
Kingston, Canada.....	Aug. 27.....	18,040	7									
Kingston, Jamaica.....	Aug. 14.....	19,264	(†)					1				
Königsberg.....	do.....	171,700								1		

* Fourteen deaths from plague. † Five deaths from plague. ‡ One case of yellow fever.

MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—							
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Leeds.....	Aug. 14....	402,449	279					2	2	1	5
Leghorn.....	do.....	103,755	35					2			
Leith.....	do.....	75,186	23								
Liege.....	do.....	166,110	51								4
Liverpool.....	do.....	644,129	498				3	3	3		4
Livingston.....	do.....	2,000	1								
London, Canada.....	do.....	34,855	13					1		1	
Do.....	Aug. 21....	34,855	15								
London, England.....	Aug. 14....	6,291,677	3,053					12	18	50	32
Lyons.....	Aug. 7.....	466,028	160					2	1		1
Madras.....	July 23....	452,518	281	8		4					4
Magdeburg.....	July 31....	218,421	122								
Manchester.....	Aug. 14....	536,426	384					1	3	1	14
Maracaibo.....	do.....	50,000	16								
Matamoros.....	Aug. 20....	12,000	4								
Matanzas.....	Aug. 18....	62,000	88		7			4			4
Mayence.....	Aug. 14....	74,917	32								
Messina.....	do.....	107,000	32					3			
Montevideo.....	July 24....	216,061	57					1		1	
Moscow.....	July 31....	989,000	593			1			8	6	8
Munich.....	Aug. 7.....	418,000	232					2	1	2	3
Nagasaki.....	July 29....	71,730				3					
Nuremberg.....	July 24....	176,644	75								
Odessa.....	Aug. 7.....	404,000	187					1	2	1	
Osaka and Hiogo.....	July 17....	182,730	102							1	
Do.....	July 24....	182,730	91					2			
Do.....	July 31....	182,730	100	2							
Para.....	do.....	150,000	41		3	1					
Do.....	Aug. 7.....	150,000	44		2	1					
Plymouth.....	Aug. 14....	97,340	62					1			
Prague.....	Aug. 7.....	193,097	116					6	2	3	
Queenstown.....	Aug. 14....	15,000	3								
Do.....	Aug. 21....	15,000	4								
Rotterdam.....	Aug. 14....	292,551	124								
St. Petersburg.....	Aug. 7.....	1,267,023	485			2		17	5	26	14
St. Stephens.....	Aug. 21....	3,000	0								
San Juan del Norte.....	Aug. 7.....	1,156	3								
Santos.....	July 31....	200,000	27								
Schiedam.....	Aug. 14....	25,627	11								
Sheffield.....	do.....	354,590	256					2	2	1	9
Sonneberg.....	July 31....	12,200	3							1	
Do.....	Aug. 7.....	12,200	3								
Southampton.....	Aug. 14....	98,002	34								
Stettin.....	Aug. 1....	140,000	147								
Stockholm.....	Aug. 7.....	274,611	81					1	1	2	
Stuttgart.....	Aug. 12....	158,378	78								
Sunderland.....	Aug. 14....	142,107	69					1			1
Tegucigalpa.....	Aug. 7.....	14,000	7								
Trieste.....	do.....	158,314	68					1	1		1
Tuxpan.....	do.....	10,280	11								
Venice.....	do.....	165,222	59					1	1		
Vera Cruz.....	Aug. 19....	30,000	36					2			
Warsaw.....	Aug. 7.....	601,408	273		5	2			6	2	
Yokohama.....	July 29....	170,252						1			
Zurich.....	Aug. 7.....	158,000	62								

By authority of the Secretary of the Treasury :

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