

Public Health Reports

Treasury Department, United States Marine-Hospital Service. Published in accordance with act of Congress approved February 15, 1893.

VOL. XII.

WASHINGTON, D. C., OCTOBER 8, 1897.

No. 41.

UNITED STATES.

Yellow fever in the South.

Since the report dated October 1 yellow fever has been determined as existing to a limited degree in Clinton and Nitta Yuma, points in Mississippi, in the general vicinity of Edwards, and at McHenry and Hendersons Point, in southern Mississippi.

Five cases have been reported in Algiers, opposite New Orleans.

Surgeon R. D. Murray has established train inspection service on the Gulf and Ship Island Railroad.

Passed Assistant Surgeon Eugene Wasdin, who made the first diagnosis, confirmed by necropsy, at Ocean Springs, and subsequently contracted the fever, has recovered, and has been ordered to New Orleans to continue his investigations.

Passed Assistant Surgeon H. D. Geddings has also been ordered to New Orleans for the same purpose.

During the week a detention camp has been opened by Passed Assistant Surgeon A. H. Glennan at Mount Vernon Barracks, twenty-five miles north of Mobile.

Train inspection service has been extended by Passed Assistant Surgeon G. B. Young to cover the whole southern boundary of Tennessee.

Acting Assistant Surgeon S. D. Robbins has established a supplemental steamboat inspection service in the vicinity of Vicksburg, Miss., using the steamer *Florence*, kindly lent for that purpose by Major Willard, of the Engineer Corps of the Army.

Acting Assistant Surgeon John Guitéras, having completed his investigations in northern Louisiana, has announced his arrival at Galveston, Tex., where he is examining into the epidemic of dengue at that city.

It is with deep regret that announcement is made of the death by accident of Passed Assistant Surgeon W. D. Bratton, at Sabine Pass Quarantine, Texas, October 3, while in the performance of duty.

Yellow fever in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service to October 6, 1897.

States.	Cities.	Date.	Cases.	Deaths.			
Alabama	Mobile.....	Sept. 13	1	.....		
		Sept. 14	2	.....		
		Sept. 17	2	2			
		Sept. 18	11	.....		
		Sept. 19	2	.....		
		Sept. 20	1	.....		
		Sept. 21	2	.....		
		Sept. 22	4	.....		
		Sept. 23	2	.....		
		Sept. 24	3	3			
		Sept. 25	5	1			
		Sept. 26	5	.....		
		Sept. 27	3	1			
		Sept. 28	10	1			
		Sept. 29	4	1			
		Sept. 30	6	1			
		Georgia.....	Atlanta.....	Oct. 1	7	1	
Oct. 2	1			1			
Oct. 3	4			0			
Oct. 5	2			2			
Oct. 6	4			0			
Illinois.....	Cairo.....			Sept. 23	*1	
				Sept. 19	2	
Kentucky.....	Louisville.....			Sept. 20	†2	
				Sept. 23	*1	1	
Louisiana.....	New Orleans.....			Sept. 8	1	
		Sept. 12	7	.....		
		Sept. 13	3	.....		
		Sept. 14	5	.....		
		Sept. 15	2	.....		
		Sept. 16	2	.....		
		Sept. 17	8	1			
		Sept. 18	5	1			
		Sept. 19	6	2			
		Sept. 20	‡18	.....		
		Sept. 21	9	.....		
		Sept. 22	12	2			
		Sept. 23	9	3			
		Sept. 24	10	4			
		Sept. 25	23	2			
		Sept. 26	17	.....		
		Sept. 27	22	2			
		Sept. 28	19	2			
		Sept. 29	25	4			
		Sept. 30	24	3			
		Oct. 1	30	2			
		Oct. 2	28	4			
		Oct. 3	31	2			
		Oct. 4	24	0			
		Oct. 5	38	2			
		Oct. 6	46	5			
		Mississippi.....	Barkley.....	Sept. 13	8	4	
				Sept. 14	1	
				Sept. 18	1	
				Biloxi.....	(?)	22
					Sept. 19	1
					Sept. 20	1	1
					Sept. 21	1
Sept. 22	5		1				
Sept. 24	15		.....			
Sept. 25	10		.....			
Sept. 26	10		.....			
Sept. 27	17		1				
Sept. 28	13		1				
Sept. 29	15		.....			
Sept. 30	24		1				
Oct. 1	28		0				
Oct. 2	16		0				

* Refugee. † On dredge boat. ‡ Nine of these cases should have been reported before. § To September 15.

Yellow fever in the United States, etc.—Continued.

States.	Cities.	Date.	Cases.	Deaths.
Mississippi.....	Biloxi.....	Oct. 3	22	2
		Oct. 4	11	0
	Edwards.....	Oct. 5	6	0
		Oct. 6	7	1
		Sept. 15	12	1
		Sept. 19	4	.....
		Sept. 20	2	.....
		Sept. 21	12	.....
		Sept. 22	13	2
		Sept. 23	23	.....
		Sept. 24	29	.....
		Sept. 25	9	2
		Sept. 26	24	.....
		Sept. 28	21	1
		Sept. 29	24	.....
		Sept. 30	29	0
		Oct. 1	19	1
		Oct. 2	19	1
		Oct. 3	14	1
		Oct. 4	18	2
	Oct. 5	9	1	
	Oct. 6	16	1	
	McHenry.....	Sept. 30	2	0
		Oct. 1	2	0
	Nitta Yuma.....	Oct. 5	2	0
		Oct. 3	4	0
	Ocean Springs.....	Oct. 4	2	0
		Oct. 5	1	0
		Oct. 6	1	0
		Sept. 8	4	2
	Scranton.....	Sept. 13	1	.....
		Sept. 18	2	3
		Sept. 22	4	.....
		Sept. 23	6	.....
		Sept. 24	1	.....
		Sept. 25	2	.....
		Sept. 26	1	1
		Sept. 27	0	0
		Sept. 28	1	.....
		Sept. 29	1	.....
		Sept. 30	0	0
		Sept. 10	1	.....
		Sept. 14	1	.....
	Sept. 19	1	.....
	Sept. 20	15	.....
	Sept. 22	4	.....
	Sept. 23	6	.....
	Sept. 26	1	1	
	Sept. 27	2	1	
	Sept. 28	5	.....
Sept. 29	3	1		
Perkinston.....	Oct. 1	}	.....	.....
	Oct. 2		30	.....
	Oct. 3		.....	2
	Oct. 4		2	0
	Oct. 6		18	0
Texas.....	Beaumont.....	Sept. 10	1	.....
	.....	Sept. 22	1	.....

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

Yellow fever on Norwegian steamship John Wilson.

[Telegram.]

LEWES, DEL., October 3, 1897.

Norwegian steamship *John Wilson*, ten days from Bocas del Toro, Colombia, arrived this noon; cargo, bananas. Mate put ashore Bocas September 23 with brain fever, according to medical certificate. Previous voyage left Mobile September 12. Mate sick 15th. Landed 23d. Diagnosis there malaria. Return voyage chief engineer sick 27th;

died October 1. Body on board. Believe both cases yellow fever; will bury engineer here, and remand vessel to Reedy Island for disinfection.

WERTENBAKER,

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

The cargo of bananas was dumped 5 miles at sea, and the vessel held at Reedy Island for disinfection.

Yellow fever on the Norwegian steamship John Wilson.

DELAWARE BREAKWATER QUARANTINE STATION,
Lewes, Del., October 3, 1897.

SIR: I have the honor to confirm my telegram of this afternoon announcing the arrival at this station of the Norwegian steamship *John Wilson*, and to report more fully. The *John Wilson* left Mobile on September 12 for Bocas del Toro, a small place in Colombia. She has been engaged in carrying bananas, and was ordered to Philadelphia instead of Mobile, on account of yellow fever at the latter place. When two days out from Mobile (September 14), the mate, Martens, was taken sick. The history as given by the master is very meager, but as well as I can gather, it was as follows: Man had slight headache, and some rather severe pains in the bowels; bowels constipated; had fever; stomach irritable, and had several attacks of vomiting, though master states that vomited matter consisted chiefly of food; no black vomit. Case grew steadily worse, tongue coated, bowels moving freely on account of cathartics given. Vessel arrived at Bocas on 18th, doctors were called to see case, and were suspicious of yellow fever; patient delirious; had not slept for several days. Twenty-second, vessel left for lagoon to load, case still on board; 23d, patient acutely delirious, wanted to jump overboard, fever high, no marked symptoms obtainable; was sent ashore on 23d, and left in hospital. A certificate signed by the port surgeon, states that the case was one of "cerebral fever which developed from malarial fever." It also states that an isolated, fatal case of yellow fever occurred at Bocas del Toro on September 16.

The vessel having loaded and put the mate ashore, left for Philadelphia on September 23. On the 27th the chief engineer, Charles Peterson, aged 27, nativity Norway, was taken sick, with following symptoms: Headache, sick all over, bowels constipated, felt very tired, fever; 28th, no better, vomited a little, stomach very irritable, feverish, pulse ranging from 90 to 100, commencing delirium; 29th, could not talk, tongue thick and swollen, delirium, growing weaker; 30th, more delirious, pulse quick and feeble, whites of eyes injected; October 1, died at 6 a. m. Body was on board on arrival. On inspection, the skin had a yellowish tinge, and the whites of the eyes were decidedly yellow. Body was buried in station cemetery, in quick lime, by the crew of the vessel, after which the vessel was remanded to Reedy Island for disinfection.

I am of the opinion that both of these cases were yellow fever, in spite of the certificate of the port surgeon to the contrary. The mate's case could hardly have been inflammation of the brain with only the slight headache that he had. There was no evidence of any chill, followed by fever and sweating, nor any evidence of remissions that might be expected in malaria. The fact that it occurred two days after leaving Mobile, which at that time was an infected port, makes the case all the more suspicious. As to the case of the chief engineer,

it developed four days after the mate left the vessel, and could have been contracted from him.

I have put everybody on this station in quarantine for six days, though none of them have been in contact with the body, which was handled entirely by the crew.

Respectfully, yours, C. P. WERTENBAKER,
Passed Assistant Surgeon, U. S. M. H. S., in Command.

Probably yellow fever on the British steamship Honiton.

[Telegram.]

FORT MONROE, VA., October 6, 1897.

Steamer *Honiton*, Habana to Progreso for Boston; engineer and sailor died at sea with symptoms of yellow fever. Captain and 3 men now suspiciously ill—first sickness day after leaving Habana.

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

Sanitary precautions against yellow fever in Florida.

EXECUTIVE OFFICE,
STATE BOARD OF HEALTH OF FLORIDA,
Jacksonville, Fla., September 30, 1897.

To all sanitary agents, patrolmen, and guards of the State board of health of Florida:

You will permit any person to enter the State of Florida owning a yellow fever immunity card, signed by the State health officer of Florida, under seal of the State board of health.

If possessed of baggage or personal effects from an infected district, the same must be certified to by an officer of the United States Marine-Hospital Service or of any State board of health, as having been thoroughly disinfected by formaldehyd gas, which certificate must be attached to the baggage.

JOSEPH Y. PORTER,
State Health Officer of Florida.

[Inclosure No. 1.]

YELLOW FEVER IMMUNITY CARD.

FLORIDA STATE BOARD OF HEALTH.

This certifies that.....
a native of.....
and resident of experienced an
attack of Yellow Fever at in 18

Attending Physician.....
No.
State Health Officer of Florida.

THIS CARD DOES NOT EXEMPT BAGGAGE AND PERSONAL EFFECTS FROM DISINFECTION.

[Inclosure No. 2.]

APPLICATION FOR YELLOW FEVER IMMUNITY CARD.

_____, 189-.

To the State health officer of Florida:

DEAR SIR: I hereby make application for a "yellow fever immunity card," to be issued to myself, and I hereby certify that I experienced an attack of yellow fever at

_____, in _____, 18____, and was attended by Dr. _____, now living (dead) at _____.

The following is a description of my personal appearance at this date :

Height, _____ feet _____ inches. Weight, _____ pounds. Bald, yes, no. Hair, straight, curly; black, white, red, brown, mixed. Moustache, no, yes; white, red, brown, black. Chin beard, yes, no; white, red, brown, black. Side whiskers, yes, no; white, red, brown, black. Size, large, small. Form, full, slender. Eyes, light, dark, blue, brown, black. Ears pierced, yes, no. Marks, scars, etc., _____.

(Signature) _____.

Before me, a notary public (or justice of the peace), duly commissioned for the State of Florida, personally appeared _____, and swears that the above statement is true.

[SEAL.]

_____,
Notary Public (Justice of the Peace).

_____, 189-.

I certify that I professionally attended _____, of _____, in 18____, and that he (she) was then sick with yellow fever.

_____, M. D.

Tennessee board of health accepts Marine-Hospital Service regulations concerning shipments from infected districts.

[Health Order No. 2.]

OFFICE OF THE BOARD OF HEALTH, CITY OF MEMPHIS,
Memphis, Tenn., September 18, 1897.

The U. S. Marine-Hospital Department having assumed charge of the shipment of all goods, freights, and merchandise of every character out of New Orleans and other yellow fever infected points in which Memphis is interested, this board of health, therefore, now revokes "Health Order No. 1," passed September 16, and accepts in lieu thereof the rules and regulations of the U. S. Marine-Hospital Service.

This order will not apply to goods, wares, and merchandise loaded prior to Monday, September 20, at 6 p. m., after which all said goods, etc., must be accompanied by a certificate from the inspecting officer of the U. S. Marine-Hospital Service.

By order of the board of health.

J. J. MACGOWAN, M. D.,
Secretary of Board of Health.

Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 29, 1896, to October 8, 1897.

Places.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Birmingham and adjacent country.....	May 8-Aug. 12.....	96	1	
	Aug. 21-Oct. 2.....	62		
Brockton.....	Aug. 29.....	1		
Mobile.....	Dec. 28-Jan. 28.....	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		
Louisiana:				
New Orleans.....	Sept. 8.....	1		Varioloid.
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	
New Mexico:				
Albuquerque.....	Sept. 19.....	1		
New York:				
Brooklyn.....	Apr. 24-June 26.....	5	2	
	June 27-July 24.....	2	1	
New York.....	Mar. 1-Mar. 31.....		2	Smallpox reported.
	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 October 2, 1897.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Boston, October 2, 1897.

Number of alien immigrants who arrived at this port during the week ended October 2, 1897; also names of vessels and ports from which they arrived.

Date.	Vessel.	Where from.	No. of immigrants.
Sept. 26	Steamship Yarmouth.....	Yarmouth, Nova Scotia.....	220
Do.....	Steamship Belvidere.....	Port Antonio, Jamaica.....	3
Sept. 27	Steamship Halifax.....	Halifax, Nova Scotia.....	242
Do.....	Steamship Scythia.....	Liverpool, England, and Queens- town, Ireland.....	334
Do.....	Steamship Cestrian.....	Liverpool, England.....	6
Sept. 28	Steamship Prince Edward.....	Yarmouth, Nova Scotia.....	78
Sept. 29	Steamship Barnstable.....	Jamaica.....	2
Do.....	Steamship Boston.....	Yarmouth, Nova Scotia.....	79
Sept. 30	Steamship Yarmouth.....	do.....	142
Do.....	Steamship Olivette.....	Halifax, Nova Scotia.....	93
Do.....	Schooner Josie.....	Bellevue Cove, Nova Scotia.....	2
Oct. 1	Steamship Prince Edward.....	Yarmouth, Nova Scotia.....	128
Oct. 2	Steamship Boston.....	do.....	125
Total.....			1,454

JEREMIAH J. HURLEY,
Acting Commissioner.

Report of immigration at New York for the week ended October 2, 1897.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of New York, October 4, 1897.

Number of alien immigrants who arrived at this port during the week ended October 2, 1897; also names of vessels and ports from which they arrived.

Date.	Vessel.	Where from.	No. of immigrants.
Sept. 26	Steamship Buffon.....	Rio de Janeiro, etc.....	8
Do.....	Steamship La Champagne.....	Havre.....	151
Sept. 27	Steamship Yumuri.....	Tampico and Havana.....	2
Do.....	Steamship Kaiser Wilhelm der Grosse.....	Bremen.....	158
Do.....	Steamship Aller.....	do.....	58
Do.....	Steamship Spaarndam.....	Rotterdam.....	162
Sept. 29	Steamship State of Nebraska.....	Glasgow.....	49
Do.....	Steamship Noordland.....	Antwerp.....	209
Do.....	Steamship Peninsular.....	Lisbon and The Azores.....	76
Do.....	Steamship Burgundia.....	Marseilles and Naples.....	139
Sept. 30	Steamship Aurania.....	Liverpool and Queenstown.....	288
Do.....	Steamship Alsatia.....	Naples and Gibraltar.....	484
Oct. 1	Steamship Palatia.....	Hamburg.....	96
Do.....	Steamship Saale.....	Bremen.....	107
Do.....	Steamship Germanic.....	Liverpool and Queenstown.....	332
Do.....	Steamship Allianca.....	Colon.....	3
Oct. 2	Steamship Auguste Victoria.....	Hamburg.....	129
Do.....	Steamship Stuttgart.....	Bremen.....	210
Do.....	Steamship Georgia.....	Stettin.....	14
Do.....	Steamship Etruria.....	Liverpool and Queenstown.....	180
Do.....	Steamship La Touraine.....	Havre.....	298
Do.....	Steamship St. Paul.....	Southampton.....	431
Total.....			3,584

THOMAS FITCHIE,
U. S. Commissioner of Immigration.

*Report of immigration at Philadelphia for the week ended October 2, 1897.***OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,**
*Port of Philadelphia, October 2, 1897.**Number of alien immigrants who arrived at this port during the two weeks ended October 2, 1897; also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
Sept. 26	Steamship Rhyndland.....	Liverpool and Queenstown.....	196
Do....	Steamship Ethelred.....	Jamaica.....	1
Sept. 27	Steamship Siberian.....	Glasgow and Halifax.....	2
Sept. 28	Steamship Prudentia.....	Swansea.....	1
	Total		200

JNO. J. S. RODGERS,
Commissioner.

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.	Oct. 2	Sp. bk. Concepcion *	Sept. 14	Santos	Brunswick	Disinfected and held.	Sept. 28	No transactions.	5
Brunswick, Ga.	do.	Sp. bk. Pansa de Caratias *	Sept. 24	Habana	do.	do.	do.		
		Br. bk. George Thompson.	Oct. 2	Rio	do.	Spoken and passed to South Atlantic Quarantine.	Oct. 2		
	do.	Am. sc. James Judge.	do.	Habana	do.	Held for disinfection.	do.	1 man died in hospital at St. Thomas.	7
Cape Charles, Va.	do.	Am. sc. Johanna Swan.	do.	St. Thomas	do.	do.	do.		
Cape Fear, N. C.	do.	Br. ss. Jeanara *	Sept. 18	Rio	Wilmington, N. C.	Disinfected and held.	Sept. 28		1
	do.	Nor. bk. Royal.	Sept. 29	do.	do.	Held for disinfection.	do.		6
Delaware Breakwater Quarantine, Del.	Sept. 22								1
Eureka, Cal.	do.								1
Grays Harbor, Wash.	do.								1
Gulf Quarantine, Ship Island, Miss.	Sept. 25	Br. ss. Isleworth *	Sept. 13	Santos	Pascagoula.	Disinfected and held.	Sept. 19	No transactions.	1
	Sept. 29	U. S. sc. Nan M. Dentzier *	Sept. 14	Vers Cruz.	do.	do.	Sept. 22		1
		U. S. sc. Chicora *	Sept. 16	Biloxi	Ship Island.	do.	do.		
		U. S. sc. Ursa Minor *	do.	do.	Mobile.	do.	do.		
		U. S. sc. Henrietta J. Powell *	Sept. 18	Vers Cruz.	Pascagoula.	do.	Sept. 23		
		Port. s. Dora *	do.	do.	do.	do.	do.		
		U. S. sc. Franklin	Sept. 21	St. Paul de Loandia via Pernambuco.	Ship Island.	Held for disinfection.	do.	1 case intermittent fever in quarantine.	
		Br. bk. Belvedere	Sept. 22	Biloxi	Mobile.	Disinfected and held.	do.	1 case thermic fever at sea.	
		U. S. sc. Philadelphia	do.	Santos.	do.	Held for disinfection.	do.	1 case yellow fever in quarantine.	
		U. S. sc. Depré Bros.	Sept. 25	Biloxi	Bay St. Louis.	Disinfected and held.	do.		
		U. S. sc. Emilia P.	do.	New Orleans.	Wolf River.	Disinfected and held.	do.		

Reports of States and yearly and monthly reports of cities.

CONNECTICUT—*Westport*.—Month of September, 1897. Estimated population, 4,000. Total deaths, 10, including 3 from phthisis pulmonalis.

IOWA—*Davenport*.—Month of July, 1897. Estimated population, 36,000. Total deaths, 40, including phthisis pulmonalis, 2, and whooping cough, 1.

Des Moines.—Month of July, 1897. Estimated population, 82,600. Total deaths, 58, including phthisis pulmonalis, 4, and enteric fever, 1.

Dubuque.—Month of July, 1897. Estimated population, 42,574. Total deaths, 32, including phthisis pulmonalis, 2, and enteric fever, 1.

MASSACHUSETTS—*Worcester*.—Month of August, 1897. Estimated population, 103,086. Total deaths, 188, including phthisis pulmonalis, 19; enteric fever, 1, and diphtheria, 2.

MICHIGAN.—Week ended September 25, 1897. Reports to the State board of health, Lansing, from 68 observers indicate that tonsillitis, enteric fever, and pleuritis increased in area of prevalence. Phthisis pulmonalis was reported present during the week at 177, enteric fever at 50, diphtheria at 27, scarlet fever at 15, and whooping cough at 9 places.

NEW JERSEY—*Hudson County*.—Month of August, 1897. Estimated population, 355,231. Total deaths, 555, including phthisis pulmonalis, 54; enteric fever, 5; scarlet fever, 1; diphtheria, 9; croup, 4, and whooping cough, 2.

Paterson.—Month of August, 1897. Estimated population, 97,344. Total deaths, 165, including phthisis pulmonalis, 14; enteric fever, 3; diphtheria, 4, and whooping cough, 1.

NEW YORK.—Month of August, 1897. Reports to the State board of health, Albany, N. Y., from 152 cities, towns, and villages show a total of 10,084 deaths, including diphtheria and croup, 249; enteric fever, 124; measles, 40; scarlet fever, 19; phthisis pulmonalis, 1,027, and whooping cough, 84.

The Monthly Bulletin says :

The reported mortality is less than the average for this month, and very much less than that of August, 1896, which was excessive, in part by reason of deaths from sunstroke, which then caused 1,125 deaths against a very limited number this month. In the cities of New York and Brooklyn there were 1,750 fewer deaths than in the corresponding month of last year, and in the entire State 2,300 fewer. The number of deaths from all zymotic diseases was less by 650, from diarrhea by 500, and from typhoid fever and whooping cough by 50 each. Deaths attributed to diseases of the nervous system and from old age and unclassified causes were less, these latter representing for the most part individuals of enfeebled vitality. The death rate for the month was 18.75 against 23.25. The decrease in infant mortality was not so marked, there having been 750 fewer deaths under the age of five years. Compared with the preceding month of July, there were 1,100 fewer deaths from all causes, the decrease being almost entirely in the mortality of

early life; from diarrheal diseases there were 1,800 deaths against 2,400, and there were fewer deaths from digestive, nervous, and also respiratory diseases, as well as from accident and unclassified causes. Whooping cough shows an increase, as is customary, August being uniformly the month of largest mortality from this cause. Typhoid fever, also, as usual, has increased, but not to the customary degree, and no special prevalence has been reported from any locality. Scarlet fever has decreased, but 2 deaths being reported from it outside the maritime district, and measles also decreased to 40 deaths, three of the sanitary districts reporting no deaths from it. Diphtheria had the same mortality as in July and as in August of last year. Consumption caused the average mortality for the month, a little over 1,000 deaths.

PENNSYLVANIA—*Pottsville*.—Two weeks ended September 23, 1897. Estimated population, 14,000. Total deaths, 16, including 2 from phthisis pulmonalis.

VIRGINIA—*Lynchburg*.—Month of September, 1897. Estimated population, 30,000. Total deaths, 25, including phthisis pulmonalis, 7, and enteric fever, 2.

WISCONSIN—*Superior*.—Month of September, 1897. Estimated population, 35,000. Total deaths, 21, including 1 from enteric fever.

MORTALITY TABLE, CITIES OF THE UNITED STATES—Continued.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—													
				Phthisis pul- monalis.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.			
Poughkeepsie, N. Y.....	Sept. 25.....	22, 206	9	2													
Do	Oct. 2.....	22, 206	6	1													
Providence, R. I.....	do.....	132, 146	47	8									1	1			
Pueblo, Colo.....	Sept. 25.....	24, 558	8							1							
Do	Oct. 2.....	24, 558	5							1							
Salt Lake City, Utah...	Sept. 25.....	44, 843	14							1							
San Diego, Cal.....	do.....	16, 159	6														
Santa Barbara, Cal.....	do.....	5, 864	4														
Scranton, Pa.....	Oct. 2.....	75, 215	30										1				
Taunton, Mass.....	do.....	25, 448	11	3									1				
Utica, N. Y.....	Sept. 25.....	44, 007	17	1						1			1				
Virginia City, Nev.....	do.....	8, 511	1														
Waltham, Mass.....	Oct. 2.....	18, 707	4														
Washington, D. C.....	Sept. 29.....	230, 392	92	14						2			4				4
West Newton, Mass.....	Oct. 2.....	24, 379	7	1													
Winona, Minn.....	Sept. 25.....	18, 208	2														
Woburn, Mass.....	do.....	13, 499	4														1
Worcester, Mass.....	Sept. 24.....	84, 655	31	5						1			3				
Yonkers, N. Y.....	Oct. 1.....	32, 033	19	2						1							
Youngstown, Ohio.....	Oct. 2.....	33, 220	11	2													

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 October 8, 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-Aug. 3.....		386	
Calcutta.....	Aug. 4-Aug. 31.....		509	
	Sept. 1-Sept. 7.....		37	
	Nov. 14-Jan. 30.....		267	
	Jan. 31-Feb. 27.....		311	
	Feb. 28-Mar. 6.....		125	
	Mar. 6-May 29.....		1,310	
	May 30-June 26.....		176	
Madras.....	June 27-July 31.....		118	
	Aug. 1-Aug. 28.....		22	
	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	
Singapore.....	May 29-June 25.....		4	
	June 26-July 30.....		12	
	July 31-Aug. 27.....		28	
	Nov. 1-Nov. 30.....		12	
	Dec. 1-Dec. 31.....		5	
Ceylon:	June 1-June 30.....		1	
	Nov. 28-Jan. 23.....		114	
	Jan. 23-Jan. 30.....	1	1	
Colombo.....	July 3-July 17.....	4	4	
England:				
Plymouth.....	Jan. 9.....		4	On steamship Nubia. No cases in city.
Japan:				
Chiba Ken.....	July 20-Aug. 3.....	4	3	
Fukuoka Ken.....	June 28-Aug. 3.....	6	4	
Hiogo Ken.....	June 28-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	
Osaka and Hiogo.....	July 16-July 25.....	2	2	
Oyama Ken.....	Aug. 1-Sept. 4.....	5	8	
Saitama.....	June 28-July 6.....	1	1	
Shiga Ken.....	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	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

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

YELLOW FEVER—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Brazil—Continued.				
Para.....	June 20-July 3.....		7	
	July 4-July 31.....		11	
Rio de Janeiro.....	Aug. 1-Aug. 28.....		16	
	Sept. 5-Sept. 18.....		7	
	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	
	July 4-July 31.....	3	2	
Santos.....	Aug. 8-Aug. 28.....	2	1	
	Aug. 1-Aug. 7.....	1		
Cuba:*				
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	
	Aug. 1-Aug. 28.....		11	
	Sept. 5-Sept. 25.....		6	
Cienfuegos.....	Dec. 20-Dec. 27.....		8	
	Dec. 28-Jan. 17.....		2	
	Apr. 4-Apr. 11.....		1	
	May 17-May 23.....		1	
Habana.....	June 20-July 25.....		30	
	July 26-Aug. 1.....		16	
	Aug. 2-Aug. 29.....		33	
	Aug. 30-Sept. 26.....		22	
	Dec. 17-Dec. 31.....	220	79	
	Jan. 1-Jan. 28.....	400	144	
	Jan. 29-Feb. 25.....	117	44	
	Feb. 25-Mar. 25.....	130	38	
	Mar. 25-Apr. 29.....	342	85	
	Apr. 30-July 1.....	750	279	
Manzanillo.....	July 2-July 29.....		192	
	July 3-Aug. 5.....		28	
	Aug. 6-Sept. 2.....		108	
	Sept. 3-Sept. 23.....		49	
	Apr. 1-Apr. 15.....		1	
	May 15-May 31.....		1	
	June 1-June 15.....		1	
	July 2-July 31.....		6	
	Aug. 1-Aug. 31.....		7	
	Dec. 9-Dec. 23.....		8	
Matanzas.....	Dec. 23-Jan. 27.....		19	
	Jan. 27-Feb. 24.....		4	
	Feb. 25-Mar. 31.....		2	
	Apr. 1-June 30.....	9	24	
	July 1-July 28.....		17	
	July 29-Aug. 4.....		4	
	Aug. 5-Sept. 22.....		36	
	Dec. 5-Dec. 26.....		17	
	Dec. 26-Jan. 30.....		16	
	Jan. 16-Jan. 30.....		5	
Santiago.....	Jan. 30-Feb. 27.....		6	
	Feb. 27-Mar. 27.....		3	
	May 2-July 3.....	54	64	140 cases in military hospital.
	July 4-July 31.....		82	
	Aug. 1-Aug. 28.....		56	
	Aug. 29-Sept. 25.....		64	
	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. 28.....	130	11	
	Aug. 29-Sept. 25.....	180	13	
	Dec. 18-Jan. 10.....		9	
Ecuador:				
Guayaquil.....	Dec. 18-Jan. 10.....		9	
Haiti:				
Port au Prince.....	Dec. 1-Dec. 7.....		2	
	Dec. 14.....			Yellow fever epidemic.
Guadeloupe:	Mar. 1-Mar. 8.....		3	
	Jan. 5.....	1		

* 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.
Jamaica:				
Kingston.....	July 17-July 31...	2	1	
	Aug. 1-Sept. 18...	24	13	
Mexico:				
Vera Cruz.....	June 23.....			Yellow fever reported.
	June 25-July 1.....		2	
	June 29.....		2	
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	
	Sept. 13-Sept. 23.....	1	1	
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>Dilwara</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.....		335	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-Aug. 3.....		52	
	Aug. 4-Aug. 31.....		65	
	Sept. 1-Sept. 7.....		33	
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		
	June 1.....			Plague epidemic reported.
Swato.....	May 4.....			Epidemic of plague reported.
Japan:				
Formosa.....	Nov. 6-Nov. 30.....	53	37	
	Dec. 4-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	

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

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

PLAGUE—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<i>Japan—Continued.</i>				
Formosa	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		
<i>Russia:</i>				
St. Petersburg.....	Apr. 10–Apr. 17.....		1	
Theodosia.....	Mar. 31.....			One case of plague on Br. ss. Baldwin.

CANADA.

*Smallpox in Montreal.*MONTREAL, *October 1, 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 <i>a</i>	July 2	0	616	8	5	11	0
Westmount (Hochelaga Co.) <i>e</i>	July 26	0	5	1	0	2	0
Ste. Cunégonde (Hochelaga Co.) <i>g</i>	Aug. 27	0	1		1	1	0

a Population, 240,000.*b* Recovered, 3.*c* In the desquamation period.*d* Except the isolation hospital.*e* Population, 6,000.*f* Recovered, 4.*g* Population, 8,000.

Date of last report, September 20. No new cases reported since September 9.

Yours, respectfully,

ELZÉAR PELLETIER,

Secretary Board of Health of the Province of Quebec.

CUBA.

Smallpox and yellow fever in Cuban seaports.

September 28: The United States consul at Cardenas reports that during the week ended September 25 there were in that city 2 deaths from yellow fever and no deaths from smallpox.

September 27: The United States consul at Cienfuegos reports that during the week ended September 26 there were in that city no deaths from yellow fever and no deaths from smallpox.

September 25: The United States consul at Santiago de Cuba reports that during the week ended September 25 there were in that city 10 deaths from yellow fever.

September 27: The United States consul at Sagua la Grande reports that during the week ended September 25 there were in that city 45 cases and 2 deaths from yellow fever and 15 cases and 1 death from smallpox.

Sanitary report from Santiago.

SANTIAGO DE CUBA, *September 25, 1897.*

SIR: I have the honor of submitting the following report on the sanitary condition of Santiago de Cuba for the week ended September 25:

Seventy-five deaths were reported for this period, of which, 10 were from yellow fever and 3 from typhoid fever, 2 from dysentery, 12 from enteritis, 5 from remittent fever, 6 from pernicious, 4 from tuberculosis; the rest from noncontagious diseases.

There has been a slight decrease in the death rate of yellow fever this week.

Fifteen thousand soldiers are expected during the month of October to resume active operations against the rebels; this will increase the number of cases.

There are about 900 cases of malarial fevers of all kinds at the military hospital.

Respectfully,

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

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

NICARAGUA.

Yellow fever in Leon—Hygienic measures.

MANAGUA, *August 30, 1897.*

To the minister of public instruction:

SIR: The executive committee of the faculty of medicine and pharmacy, at its usual meeting held yesterday, decided, in view of the information given by Dr. A. Soler, that, in his opinion, and that of several physicians in Leon, the disease which has developed in epidemic form in that city is yellow fever, to bring to the notice of the Government the hygienic measures which it judges most opportune to put in practice in this critical situation.

These will be found to be indicated in the communication inclosed.

Very respectfully,

JOSÉ D. MAYOVGA.

[Inclosure.]

1. To organize committees of public health and sanitation in all towns in the State.
2. To appoint a permanent medical inspector at the station of the Leon Railway to prevent persons attacked with yellow fever, or in a state of convalescence from the said disease, from boarding the train, and to enforce, without exception, fumigation of passengers, crew, and freight destined for the interior of the State.
3. To order, promptly and peremptorily, the cleaning of streets, private inclosures, and latrines, and to collect and burn, or inter in a locality removed from the town, all refuse and filth.
4. To order the draining of all pools and marshes in the vicinity of inhabited sections.
5. To order that all public buildings shall be painted or whitewashed internally and externally with as little delay as possible..
6. To order the immediate disinfection of sewers and drains.
7. To establish lazarettos in all localities in which the disease has broken out, obliging all attacked, without discrimination, to be treated in the said establishments.
8. To order the fumigation of all mail correspondence.
9. To order that, on the first suspicion of yellow fever having appeared in any locality, the colleges and schools shall be closed and all large public gatherings shall be prohibited or avoided.
10. To require that the inhumation of the bodies of persons who have died of black vomit shall take place immediately after death, on physician's certificate.

11. To designate a retired site in the cemeteries for the inhumation of the bodies of persons dying under the conditions mentioned in the preceding paragraph, requiring the interment to be deeper than usual, and that the site shall be abandoned for a period of twenty years.

12. To order the destruction of all articles and utensils that have been in use by a yellow fever patient.

13. To designate certain places as public laundries.

14. To prohibit temporarily the poisoning of dogs.

15. To reestablish the inspection of provisions.

16. To prohibit the killing of pigs within the limits of the city or town.

17. To prohibit the manufacture of candles and soap within the limits of the city or town; also tanning and dyeing.

18. To instruct all physicians employed by the State to give immediate notice to the medical faculty of the appearance of a case of yellow fever.

STATISTICAL REPORTS.

CHILI—*Valparaiso*.—Month of June, 1897. Estimated population, 126,000. Total deaths, 414, including enteric fever, 6; diphtheria, 2, and whooping cough, 2.

Month of July, 1897. Total deaths, 466, including enteric fever, 8; diphtheria, 2, and whooping cough, 5.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 33 great towns in England and Wales during the week ended September 18 correspond to an annual rate of 18.5 a thousand of the aggregate population, which is estimated at 10,992,524. The highest rate was recorded in Salford, viz, 29.8, and the lowest in Cardiff, viz, 10.7 a thousand.

London.—One thousand three hundred and seventy-eight deaths were registered during the week, including measles, 17; scarlet fever, 26; diphtheria, 35; whooping cough, 27; enteric fever, 21, and diarrhea and dysentery, 73. The deaths from all causes correspond to an annual rate of 17.5 a thousand. In greater London, 1,804 deaths were registered, corresponding to an annual rate of 15.0 a thousand of the population. In the "outer ring" the deaths included 19 from diphtheria, 3 from measles, 4 from scarlet fever, and 7 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended September 18 in the 23 principal town districts of Ireland was 22.1 a thousand of the population. The lowest rate was recorded in Drogheda, viz, 0.0, and the highest in Armagh, viz, 49.1 a thousand. In Dublin and suburbs 160 deaths were registered, including scarlet fever, 1; whooping cough, 5; diphtheria, 3, and enteric fever, 5.

Scotland.—The deaths registered in 8 principal towns during the week ended September 18 correspond to an annual rate of 19.4 a thousand of the population, which is estimated at 1,549,907. The lowest mortality was recorded in Perth, viz, 15.3, and the highest in Greenock, viz, 22.8 a thousand. The aggregate number of deaths registered from all causes was 579, including measles, 5; scarlet fever, 2; diphtheria, 8, whooping cough, 17, and smallpox, 2.

NORFOLK ISLAND.—Month of July, 1897. Estimated population, 869. One death. No death from contagious disease.

ST. HELENA.—August 14 to September 4, 1897. Estimated population, 3,600. Total deaths, 5. No deaths from contagious disease.

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	Sept. 4	112,952	56							1		1
Do	Sept. 11	112,952	66							1		1
Alexandria	Aug. 19	231,396	225					1		1		1
Do	Aug. 26	231,396	233			1		3		3	4	1
Amapala	Sept. 4	1,500	0									
Do	Sept. 11	1,500	0									
Amherstburg	Sept. 25	2,300	0									
Amsterdam	Sept. 18	498,293	131							2		
Belize	Sept. 23	13,000	2									
Belleville	Sept. 27	10,399	4									
Birmingham	Sept. 18	505,772	212					3	1		4	2
Bluefields	do	3,000	1									
Bombay	Aug. 31	821,764	*814	76		1					3	
Bremen	Sept. 4	143,000	51									
Do	Sept. 11	143,000	49									
Bristol	Sept. 13	232,242	59					1				1
Brussels	Sept. 11	531,011	179					2			1	1
Cairo	Aug. 19	374,838	387			2		6		2	3	2
Do	Aug. 26	374,838	376					3		3	8	3
Calcutta	Aug. 21	681,560	372	4		1					2	
Callao	Aug. 29	20,000	16									
Do	Sept. 15	20,000	11									
Cardenas	Sept. 18	23,517	51		3		1	11				
Do	Sept. 26	23,517	35		2			5				
Cienfuegos	do	24,030	56					1				6
Cologne	Sept. 4	335,661	162							2		
Do	Sept. 11	335,661	150					1	1			1
Crefeld	do	108,306	40						3	1		
Do	Sept. 18	108,306	36									
Dresden	Sept. 11	373,600	118						1			2
Dublin	Sept. 18	350,000	160					7	1	3		5
Dusseldorf	Sept. 4	189,156	92							1		
Do	Sept. 11	189,156	73				1					
Flushing	Sept. 18	17,193	9									
Frankfort on the Main	Sept. 4	240,000	66					1				
Do	Sept. 11	240,000	89					1				1
Gibraltar	Sept. 12	25,755	7									
Gothenburg	Sept. 4	115,896	38							2		
Do	Sept. 11	115,896	30									
Guayaquil	Sept. 17	50,000	48									
Halifax	Sept. 25	38,700	17									
Hamburg	Sept. 18	641,780	230					2	1	2		2
Iquique	Aug. 14	33,106	22					1				1
Do	Aug. 21	33,106	20									
Do	Aug. 28	33,106	11									
Kingston, Canada	Oct. 1	18,040	6									
Kingston, Jamaica	Sept. 4	694,863	23		1							
Do	Sept. 11	694,863						4				
Konigsberg	do	171,700								1		
Do	Sept. 18	171,700							1			
Leeds	do	402,449	162					1	1			3
Leghorn	do	103,609	44					4				
Liege	do	166,110	41					1				
Liverpool	do	644,129	296						5	2	3	10
Livingston	do	2,000	0									
London, England	do	6,291,677	1,804					23	30	54		
Lyons	Sept. 11	466,028	166					7				
Madras	Aug. 20	452,518	314	5		2						
Do	Aug. 27	452,518	361	7		3					7	
Do	Sept. 4	218,786	93							1	8	
Magdeburg	Aug. 28	218,786	124									1
Manchester	Sept. 18	536,426	232					2			6	2

* Twenty-five deaths from plague.

MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—									
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.	
Mannheim	Sept. 18.....	101,500	28									1	
Maracaibo.....	Sept. 11.....	50,000	16										
Matanzas.....	Sept. 24.....	12,000	2										
Matanzas.....	Sept. 22.....	62,000	115		1			6				1	
Mayence.....	Sept. 11.....	74,912	17										1
Do.....	Sept. 18.....	74,912	21							1			
Messina.....	do.....	107,000	29					1					
Monte Cristy.....	do.....	1,200	1										
Newcastle on Tyne.....	do.....	212,223	85						1		1		1
Newcastle on Tyne.....	Sept. 23.....	176,644	72						3		1		
Do.....	Aug. 4.....	176,644	66										1
Paris.....	Sept. 11.....	2,511,955	736					4				3	
Do.....	Sept. 18.....	2,511,955	721					6		1	2		4
Plymouth.....	do.....	97,658	35										
Port au Prince.....	Sept. 6.....	60,000	16										
Do.....	Sept. 13.....	60,000	14										
Do.....	Sept. 20.....	60,000	16										
Prague.....	Sept. 4.....	193,097	114					6		4	2		
Do.....	Sept. 11.....	193,097	102					5		4			1
Puerto Cortes.....	Sept. 21.....	1,856	0										
Quebec.....	Sept. 18.....	80,000									5		
Do.....	Sept. 25.....	80,000								1	3		
Rheims.....	Sept. 18.....	108,943	42										
Rio de Janeiro.....	Aug. 28.....	679,000	247			1		4			1		
Rotterdam.....	Sept. 18.....	292,551	106					4		2	1		
St. Georges.....	do.....	2,150	1										
Do.....	Sept. 25.....	2,150	0										
St. Petersburg.....	Sept. 4.....	1,267,023	545					25		5	43	14	
Do.....	Sept. 11.....	1,267,023	493				1	18		8	35	12	
St. Stephens.....	Sept. 25.....	3,000	2										
San Juan del Norte.....	Sept. 11.....	1,156	0										
Schiedam.....	Sept. 18.....	26,627	11										
Sheffield.....	do.....	355,000	150					6				1	1
Sonneberg.....	Sept. 4.....	12,250	3										
Do.....	Sept. 11.....	12,250	7										
South Shields.....	Sept. 18.....	95,798	41										
Stuttgart.....	Sept. 9.....	158,378	48										
Do.....	Sept. 16.....	158,378	46										
Sunderland.....	Sept. 18.....	142,107	71					1				1	
Tampico.....	Sept. 26.....	12,000	19										
Teguigalpa.....	Sept. 4.....	14,000	4										
Do.....	Sept. 11.....	14,000	5										
Trieste.....	Sept. 4.....	158,314	63							1	1	1	
Do.....	Sept. 11.....	158,314	82					2		1	4		
Vera Cruz.....	Sept. 23.....	30,000	31										
Warsaw.....	Sept. 11.....	601,408	27			3	2			11	5	4	2
Zurich.....	Sept. 4.....	158,000	47								2	1	
Do.....	Sept. 11.....	158,000	47								2	2	

By authority of the Secretary of the Treasury :

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