Public Health Reports

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

Vol. XIII.

WASHINGTON, D. C., AUGUST 12, 1898.

No. 32.

UNITED STATES.

Orders regulating the landing at Florida ports of troops from Cuba.

WAR DEPARTMENT,
ADJUTANT-GENERAL'S OFFICE,
Washington, D.C., August 6, 1898.

SIR: With reference to the previous correspondence on the subject of transportation between the United States and Cuba to prevent yellow fever infection, I have the honor to transmit to you herewith copy of memorandum circular from headquarters division, Seventh Army Corps, dated Camp at Miami, Fla., June 28, 1898, to masters of transport vessels for that port communicating to them certain instructions touching the matter referred to.

Very respectfully.

H. C. CORBIN,

Adjutant-General, for the Secretary of War.

Hon. SECRETARY OF THE TREASURY.

HEADQUARTERS DIVISION,
SEVENTH ARMY CORPS,
Camp at Miami, Fla., June 28, 1898.

[Memorandum Circular.]

To masters of transport vessels for the port of Miami, Fla.:

You are absolutely forbidden to bring any refugees from Cuba to this port, and also forbidden to bring any bundles of clothing, baggage, or other merchandise capable of conveying infection which is not strictly military in character. You are required to submit to the regular quarantine examination, and for that purpose you will be detained for inspection, and, if found necessary, for fumigation of vessel. All sus-

839

pected cases will be detained for observation, and all infected cases held and isolated. All baggage of any and all persons will be disinfected if deemed necessary.

By command of Brigadier-General Schwan:

GROTE HUTCHESON, Assistant Adjutant-General.

Orders regulating the embarkation of troops at Santiago for Montauk Point, Long Island.

The following orders have been forwarded to Major-General Shafter regarding the embarkation of troops from Santiago for Montauk Point:

WAR DEPARTMENT,

ADJUTANT-GENERAL'S OFFICE, August 9, 1898.

Commanding General, Fifth Corps, Santiago de Cuba:

Recommendations of surgeon-generals of Army and Marine-Hospital Service, as follows, should be accomplished as far as practicable:

1. Hold troops assigned to a transport under observation three to five days in separate camp not infected by fever.

2. Surgeons to inspect same twice daily, isolating promptly suspected

3. Bathe and freshly clothe or sterilize old clothing of troops at the beginning of period of observation.

4. When not possible to detain troops in camps under observation, bathe them and freshly clothe or sterilize old clothing before embarkation, excluding, after searching inspection, suspected cases.

5. Yellow fever convalescents or suspects should not accompany

healthy troops.

6. No equipage or personal effects capable of conveying infection should accompany troops, unless disinfected by steam or otherwise.

7. Arrange to embark by daylight, under careful supervision of surgeons, who will control sanitary conditions of troop ships en route.

By order of the Secretary of War:

H. C. CORBIN, Adjutant-General.

Floating quarantine plant sent to Montauk Point, Long Island.

The Supervising-Surgeon General, United States Marine-Hospital Service, has ordered the recently completed disinfecting barge belonging to the United States Marine-Hospital Service to Montauk Point, Long Island, where it will be utilized for the disinfection of transports arriving from Cuban ports, and for disinfection of baggage, etc. barge, built and equipped with disinfecting appliances by the Kensington Engine Works, Philadelphia, is constructed of wood, it is 115 feet in length, 27 feet beam, 10 feet, 6 inches depth of hold, and has a draught of 5 feet, 3 inches.

The equipment for disinfection purposes consists of one vertical tubular boiler, 48 inches in diameter, 8 feet 6 inches long, containing

149 tubes 2 inches in diameter and 72 inches long.

There is one steam disinfecting chamber, with jacketed rectangular shell, 4 feet 4 inches wide, 5 feet 4 inches high, with an inside length of 14 feet.

For use with this chamber are two transfer tables, with cars, tracks, etc. In addition to the steam disinfection apparatus, there is a formal-

dehyd generator, and two sulphur furnaces with exhaust fan and engine, a bichloride pump, and bath and wash rooms located on the main deck. This barge has been named the *Protector*.

Officers of the United States Marine-Hospital Service have been detailed to duty at Montauk Point for the inspection and disinfection

of the Army transports arriving at that camp.

Sanitary precautions in force with regard to the arrival at Montauk Point, Long Island, of American troops from Cuba.

WAR DEPARTMENT, August 11, 1898.

The Secretary of War directs that you cooperate with Surgeon Magruder, United States Marine-Hospital Service, to establish and fix quarantine grounds and anchorage for transports, bringing General Shafter's command to Montauk Point. As each transport arrives the quarantine officer will board it and raise the yellow flag, make personal inspection of the troops on the transport. If no yellow fever cases are found the sick will be removed to general hospital and the well to detention camp, where they will be held three to five days, and then moved to general camp. If any yellow fever cases are found they will be taken off and either put aboard the sanitary barge or put in yellow fever Other sick will be moved to general hospital, and the well hospital. be detained in the detention camp eight or ten days. No person will be allowed aboard a transport while the yellow flag is up without a written pass of Surgeon Magruder. A revenue cutter has been ordered to Montauk Point to enforce sanitary and quarantine harbor regulations.

> H. C. CORBIN, Adjutant-General, U. S. A.

To GENERAL YOUNG, Montauk Point, Long Island.

NOTE.—Adjutant-General H. C. Corbin, United States Army, has notified the general commanding the American Army in Cuba that Surgeon H. R. Carter, United States Marine-Hospital Service, has been appointed sanitary inspector at Santiago.

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

Smallpox reported prevalent throughout New Mexico.

FORT WINGATE, N. MEX., August 4, 1898.

Smallpox exists to a great extent throughout New Mexico, notably along the line of the Santa Fe Railroad, the direct route from the East to California. No inspection or quarantine of any importance exists.

NICHOLS, Post Surgeon.

Smallpox in Tennessee during the month of July, 1898.

NASHVILLE, TENN., August 2, 1898.

SIR: During the month of July there occurred at Cleveland, Bradley County, 12 cases of smallpox, all white; no deaths resulting. The disease at this point is of a very mild character, and difficult of diagnosis. At Memphis there occurred 2 cases within the city, and 1 case without the city limits, all colored, and no deaths resulting, thus making a total of 15 cases, 12 white and 3 colored, in the State for the month.

Very respectfully, J. A. Albright, M. D., Secretary and Executive Officer, State Board of Health.

Report of smallpox in Alabama.

MOBILE, ALA., August 6, 1898.

SIR: I have the honor to report that the Louisville and Nashville Railroad Company discontinued the services of G. H. Fonde, M. D., who had been employed for nearly three months on their Montgomery and Mobile division to suppress smallpox, on the 1st instant, in order to permit Dr. Fonde to go to Cuba to care for yellow fever patients. The railroad gangs were rendered practically free from smallpox by having had the disease and by vaccination. Since January, 1897, there have been about 2,500 cases in Lowndes County, including, perhaps, 250 cases at present.

In Butler County the estimate is 300 cases in the same period. The last case at Forrest Home occurred about three weeks ago. There was

1 death in June.

In Lowndes County there were (ten days ago) 25 cases at a point 3 miles from Letohatchie; not many cases at Haynesville; a good many in and about Gordonsville. There have been the following deaths: 2 at Haynesville, 2 at Lowndesboro, 1 at Morganville, and 5 at Gordonsville.

The disease is so light and deaths so few, and the results of vaccination so harsh and painful that the people and some physicians prefer the disease to the preventive.

There is some prospect of a dissemination of the disease and an increase of virulence as the weather becomes colder. * * *

I am, very respectfully, your obedient servant,

R. D. MURRAY, Surgeon, U. S. M. H. S.

Smallpox in the United States as reported to the Supervising Surgeon-General United States
Marine-Hospital Service, January 1 to August 11, 1898.

Places.	Date.	Cases.	Deaths.	Remarks.
labama:				
Bessemer				1
Birmingham				1
In Jefferson county, out	May 13	i		
of the city	Feb. 6-Feb. 19			
Carneys Bluff	Feb. 17			Smallpox reported.
Corona				
Dolomite				
Gosport	Feb. 17			Do.
Glendon	Feb. 17]		Do.
Haynesville	Mar. 11	400		1
Horse Creek Mine		3		ļ
Hurricane Bayou				
Jackson				
Letohatchie				
	July 30			Three miles from town
Mobile		82	1	· ·
	July 1-July 20			
Montevallo	Mar. 3	1		
Montgomery	June 29	2		
Newton		7		
Nichola	Keb. 17			Smallpox reported.
Oxmar			•••••	Do.
Patton	Feb. 1-Mar. 4			•
Pinckard	Feb. 2			
Port Deposit	May 13	_1		
Rock Springs	Mar. 11	15		_
Salitpa	Feb. 17	•••••		Do.
Selma	Jan. 13-Feb. 14			
Shelby	Jan. 28-Apr. 22	8		
Talladega	Jan. 9-Feb. 15	45		_
Walker Springs	Feb. 17	•••••	•••••	Do.
Wayne County	June 23-July 1	2		•
Whistler	June 4-June 15 '	1	۱۱	

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths	. Remarks.
Arkansas :				
Beebe	. June 30	. 1		
Fair Oaks		. 5		
Hot Springs	. June 30	. 2		
Little Rock and vicinity	. Mar. 31-May 20	. 110	1	
Newport		. 1		
Sweet Home	. May 20	. 11	1	.
Colorado:	l -	1 _		
Boulder County	. June 24-July 26	. 5		
Las Animas County	July 26	. 5	·	••
District of Columbia:	Est F	1 .		Name Hamilton
Washington				Naval Hospital.
Florida:	Apr. 2-May 5	9		••
Bartow	June 25	1		
Bluff Springs	June 18	i i		
Jacksonville	Mar. 20-Mar. 26	Ĩ		
Pensacola	Apr. 24-May 11	2		
Washington County	Jan. 24	12		
leorgia:				
Atlanta	Jan.17-Feb. 16	178	2	Most cases from count
	May 27-July 27			
Cartersville	. Jan. 15-Mar. 1	9		
Griffin	Feb. 12	2		
Macon				
Stilesboro	Jan. 15		.	. Smallpox reported.
Illinois:	120			
Chicago	May 4	1		•
ndiana:	Trak oc			
Evansville	Feb. 26	1		•
Kentucky: Butler	Feb. 8-Feb. 24	1		
Louisville				•
Middlesborough	Feb 2-Apr 7	183	2	1
Laurel County		100	-	. Do.
Clay County	July 20	•••••		Do.
Jackson County	July 20			Do.
ouisiana:	oury zon	••••		20.
New Orleans	Mar. 13-May 21	5		
fassachusetts:	and the same of th			
Greenfield	Feb. 5-Feb. 22	1		
Westfield	Feb. 20-Mar. 2			
lichigan:			i	
Ionia	Mar. 20-Apr. 23			. Do.
Royal Oak	Feb. 12-Mar. 12	1		
lississippi :	35 . 10	_	1	
Basin	May 16			Consequented
Chicora Denny	June 23-July 1	10		Cases reported.
Hattiesburg	May 16-May 31 June 4-June 15			i
Hendersons Point	Feb. 8			
Laurel	May 28-July 28			
Meridian	July 28			
Moss Point	Feb. 15			
Ocean Springs	Feb. 20			
Prairie	Tune 4-Tune 15			Several cases.
State Line	June 23-July 1	1		
Shubuta, Clark County	May 28-June 15			
lew Jersey:	1			
Westfield	Mar. 4	1		
ew Mexico:				
Albuquerque and vicinity	Mar. 5-Apr. 1	14		Smallpox reported prev-
	1			alent along the line of the Santa Fe R. R. Au-
				the Santa Fe R. R. Au-
371.	i			gust 4, 1898.
ew York:	Marrol Tune 10			
Buffalo Deposit	May 21-June 18 Nov. 1-Nov. 30	1	•••••	
New York City		- 1		
orth Carolina:	May 14-May 21	1		
Alamance County	Feb. 18-Feb. 25	1		
Asheville	Apr. 14-July 19			
Runcombe County	Apr 16			
Catawaba	July 19			In one family.
Charlotte	Jan. 25-Feb. 12			
Catawaba	Feb. 15-Feb. 24			
Cleveland	July 19			13 found recovered; to-
	-			tal, 20 cases.
Durham	do	1		
Elmwood	do			
Iredell County	May 19-June 2	9 1		
•	•			

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
North Carolina—Continued.				
Mooresville	July 19	. 1		l
Reidsville	do			İ
Wilmington	Jan. 12			i
Wilson County	May 28	î		1
Ohio:	мау 20	1 *		
Bays	July 14	2	i	İ
Cincinnati	May K	ĩ		ļ
Columbus.	May 5	i		
Delphos	Morr 4 Trains 14	15		ĺ
Fairfield County	Ann O More 11	13	1	
	Apr. 8-May 11		1	
Goshen	July 28	15	•••••	
Van Wert	June 23-July 15	13	•••••	
Pennsylvania:	T		i ·	
Dunbar	June 23-July 13	6		
Philadelphia	Apr. 13	2		
South Carolina:	3.e a-	1 -		
Arkwright	Mar. 25	9		
Beaufort	Jan. 17			Smallpox reported.
Charleston	Apr. 22			<u> </u>
Columbia	Apr. 6-May 2			
Dyson	Mar. 20			
Greenville	Jan. 17			Do.
	Jan. 17			Do.
Pelham	Mar. 25	20		
Ridge Springs	Mar. 25	ĩ		
Rock Hill	Jan. 17	-		Do.
	Jan. 17-July 26	4		Do.
	May 2			20.
	Jan. 15			Do.
Cennessee:	Jan. 10			ъ.
	Mar. 1-Mar. 31	1		
		21	•••••	
	Jan. 1-Apr. 80		•••••	
	Apr. 1-Apr. 30			
TRUE T7-11	July 1-July 31 Mar. 1-Mar. 31			
Elk Valley	Mar. 1-Mar. 31			
Huntington (near)	Jan. 1-Jan. 29			
	Feb. 1-Mar. 31	9		
Johnson City	Feb. 1-Mar. 31	13		
Knoxville	Jan. 1-Apr. 30	43		
Lenoir City	Jan. 1-Feb. 28	5		
Memphis	Jan. 22-Apr. 30	4		
- 1.	July 1-July 31	2		
Mingo mines	Jan. 1-Jan. 29	6		
Mingo	Feb. 1-Mar. 31	š		
Morristown	reb. 1-Mar. 31 Jan. 1-Apr. 30 Jan. 1-Feb. 28 Jan. 22-Apr. 30 July 1-July 31 Jan. 1-Jan. 29 Feb. 1-Mar. 31 Feb. 1-Mar. 31	6		
Newcomb	Feb. 1-Feb. 28	3		
	Mar. 1-Mar. 31	1		
Rutledge	Feb. 1-Apr. 30	14		
	Mar. 1-Mar. 81	4		
	Mar. 1-Mar. 31 Mar. 1-Mar. 31	1		
exas:	MIDI. I-MIRL. 31	1	••••••	
	Fab 96	, 1		
	Feb. 26	1		
Columbus	Feb. 2-Apr. 2	30	7	
rirginia:				_
Colburn	Feb. 1	•••••		Do.
	Mar. 1-Mar. 10	2		_
Norton	Feb. 1			Do.
Vest Virginia:			ŀ	
	Feb. 25	5		
Fayette County	May 6	8		
Mercer County	May 6	6		
McDowell County	May 6	12		
	•			
Visconsin :				
	May 19	1		•

Report of immigration at Boston for the week ended August 7, 1898.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION, Port of Boston, August 7, 1898.

Number of alien immigrants who arrived at this port during the week ended August 7, 1898;also names of vessels and ports from which they came.

Date.	Vessel.	Where from.	No. of immigrants.
July 31	Steamship Yarmouth		77
Aug. 1		Liverpool, England	_7
Do		Hamburg, Germany	55
	Schooner Lavine		2
Do		Liverpool, England	.1
Aug. 2		Yarmouth, Nova Scotia	37
Aug. 8			27
Aug. 4			101
Do		Yarmouth, Nova Scotia	38
Do		Liverpool, England	4
Do	Steamship Oriel	London, England	1
Aug. 5	Steamship New England	Liverpool, England	209
Do	Steamship Halifax	Halifax, Nova Scotia	41
			15
Do	Schooner I. V. Dexter	Liverpool, Nova Scotia	4
Do	Schooner Roy	Frederickton, New Brunswick	1
Aug. 6			25
Do	Steamship Cambrian	London, England	2
i	Total		642

GEORGE B. BILLINGS, Commissioner.

Report of immigration at New York for the week ended August 6, 1898.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION, Port of New York, August 9, 1898.

Number of alien immigrants who arrived at this port during the week ended August 6, 1898; also names of vessels and ports from which they came.

Date.	Vessel.	Where from.	No. of im- migrants.
July 31 Aug. 1 Aug. 2 Do Do Aug. 4 Aug. 5 Do Do Aug. 6	Steamship Westernland Steamship Lahn Steamship Britannic Steamship Edam	Rotterdam Bremen	190 221 91 205 138 157 97

THOMAS FITCHIE, Commissioner.

QUABANTINE BEPOBTS.

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	Aug. 6 July 30	Nor. bk. Eolus Br. sc. Brun- hilde. (α) U.S. se. Hudson	Aug. 2 July 22 July 26	Bahia	Brunswick Unknown Hampton	Brunswick Disinfected and held July 29 Unknown July 20 H g m p t o n Inspected and held July 20	July 29 do	July 29 2 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9 9	-16190
•		U.S. ss. Leona July 27 U.S. ss. Alamo July 28 U.S. ss. Concho July 28	July 27	Siboney		dodododo	July 28 July 29 July 30	Transport; proceeded to New York with sick and wounded soldiers. Transport No. 6	
Delaware Breakwater,	Aug. 6	U. S. ss. Rio Grande.	do	Santiago	ор	do Santiago do do do July 29	July 29	with sick and wound- ed soldiers.	•
Del. Grays Harbor, Wash Gulf Quarantine, Ship Island, Miss.		: :-	July 11	Lorenço Marques via Bar-	Ship Island	Sus. s. Pan. July II Lorenço Mar. Ship Island Disinfected and held July 24 dion.(a)	July 24	No transactions	&
		Nor. bk. Bonita(a) Am. sc. Nan. M. Dantzler (a)	July 17 July 18	bados. Bahia. Coatzacoalcos	Apalachicola Pascagoula	Apalachicoladodo	July 29 July 24		
		Br. se. Manin (a) July 22 Br. bgn. Estella(a) July 23 Am. sc. Anne E. July 27 Br. se. Henley July 29	July 22 July 23 July 27 July 29	Santos Vera Cruz Off Santiago via Mobile. Santos via St.	Mobile Pascagoula Mobiledo	Mobile do July 28 Accessoria Accessoria	July 28 July 29		
			July 30	Lucia. Campeche Progreso	Handsboro	Handsborododododododo			
Newbern, N. C. Aug. 6 Port Townsend, Wash. July 30 Reedy Island, Del do Gan San Diego, Cal do do do do do do do d	Aug. 6 July 30 do					New bern, N. C. Aug. 6 No transactions. Post Townsend, Wash. July 30 No transactions. Beedy Island Del. do do San Diego, Oal. do do		No transactions	24.0

South Atlantic Quaran- do	do			•					1
land, Ga., Sortugas, Key West, July 28	July 28							No transactions	
:	July 30 U.	U.S.ss. Badger	July 80	Cuban waters	Key West	S. ss. Badger July 80 Cuban waters Key West Effects of Spanish desert-			
		Sp. tug Humberto Rodriguez.	do	Nuevitas		Rodriguez. Captured and brought		Captured and brought to Tortugas.	•
		Sp. barge San Fernando.	qo	ор		. barge Sandodo		ор	
Washington, N. C Aug.	Aug. 6	Sp. bgn. Safi	do	ор		p. bgn. Safidododododo		No transactions	
		_					_		

a Previously reported.

QUABANTING BEPORTS—Continued. State and municipal quarantine stations.

quarantine.
tat
ntreatmen
or give
letained
y when
ned onl
Vessels nar

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of depar- ture.	Remarks.	inspected and passed.	1896
Anclote, Fla						No report.		No report.	H	
Bargor, me. Boeton, Mass Codar Meys, Fils Charleston, S. C.	July 30 Aug. 6	Steam yaoht Golden Rod.	Aug. 3	Nassau	Nassau New York G	Nassau New York Held for disinfection; pro- Aug. 4 Aug. 4 1 antine without disinfec- antine without disinfec- 1 1	Aug. 4	do	1 88	
Charlotte Harbor, Fla Elisabeth River, Va Galveston, Tex	July 30 Aug. 6					tion. No report.		No report.	138	8
Georgetown, S. C Key West, Monroe Co., Fla.	July 30 Aug. 6	Br. ss. Regulus Mex. ss. Zabas-	July 23 July 30	Sagua Vera Cruz	Sagus	July 28 Sagua Fumigated and held War prize July 30 Vera Cruz — do		War prize 12	21.88	48
		Sp. sc. Dolores Am. ss. Wanderer	Aug. 1 Aug. 5	Progreso Cuban Coast	Progreso Cuban Coast Key West	do Remanded to Mullet Key for disinfection.		20 officers and men of the U.S. and Cuban	•	
Los Angeles, Cal	July 30 Aug. 6 July 30 Aug. 6	Nor. ss. Franklin. Aug. 3	Aug. 3		Cay Francis	Cay Francis Funigated and held.		≱ž :	12	
New Orleans, La Newport News, Va Newport, B. I	<u> </u>							No report.	so	
New Iork, N. X								<u> </u>		
San Pedro, Cal	July 30 do							No transactions 10	01	

Reports of States and yearly and monthly reports of cities.

CONNECTICUT—Hartford.—Month of July, 1898. Estimated population, 72,000. Total number of deaths, 133, including measles, 1, and phthisis pulmonalis, 12.

New Haven.—Month of June, 1898. Estimated population, 110,000. Total number of deaths, 140, including diphtheria, 3; enteric fever, 1; scarlet fever, 1; whooping cough, 5, and phthisis pulmonalis, 7.

GEORGIA—Columbus.—Month of July, 1898. Estimated population, 19,303; white, 10,276; colored, 9,027. Total number of deaths, 27; white, 10; colored, 17, including diphtheria, 1; enteric fever, 2; whooping cough, 2, and phthisis pulmonalis, 7.

ILLINOIS—Springfield.—Two weeks ended July 30, 1898. Estimated population, 32,000. Total number of deaths, 20, including phthisis pulmonalis, 2.

Indiana—Evansville.—Month of July, 1898. Estimated population, 70,000. Total number of deaths, 79, including whooping cough, 5, and 5 from phthisis pulmonalis.

MASSACHUSETTS—Fitchburg.—Month of July, 1898. Estimated population, 28,392. Total number of deaths, 35, including 3 from phthisis pulmonalis.

MICHIGAN.—Reports to the State board of health, Lansing, for the week ended July 30, 1898, from 74 observers indicate that enteric fever, erysipelas, and cholera morbus increased, and influenza, inflammation of kidney, and phthisis pulmonalis decreased in area of prevalence. Phthisis pulmonalis was reported present at 180, enteric fever at 34, measles at 26, scarlet fever at 25, whooping cough at 18, and diphtheria at 13 places.

MINNESOTA—Winona.—Month of July, 1898. Estimated population, 22,000. Total number of deaths, 23, including 4 from phthisis pulmonalis.

MISSOURI—St. Louis.—Month of June, 1898. Estimated population, 623,000. Total number of deaths, 726, including diphtheria, 5; enteric fever, 7; measles, 4; scarlet fever, 3; whooping cough, 3, and 69 from phthisis pulmonalis.

NEW HAMPSHIRE—Concord.—Month of July, 1898. Estimated population, 18,000. Total number of deaths, 33, including 1 from phthisis pulmonalis.

NEW YORK.—Month of June, 1898. Reports to the State board of health, Albany, N. Y., from 152 cities, towns, and villages, for the month of June, 1898, show total of 8,637 deaths, including diphtheria, 174; enteric fever, 70; measles, 99; scarlet fever, 82; whooping cough, 111, and 1,107 from phthisis pulmonalis.

The Monthly Bulletin says:

June is always, next to November, the month of least mortality in this State; with an average daily mortality for the entire year for the past ten years of 320, that of June has been 294. The daily average

August 12, 1898 850

for the past month, reported, has been 288, that of the five months preceding having been 325. Compared with the preceding month of May there were 1,100 fewer deaths reported, of which decrease 300 occurred in the maritime district; the death-rate has lessened from 17.15 per 1,000 population to 16.00. There were 130 fewer deaths under five years of age. Aside from diarrheal diseases, there were 100 fewer deaths from zymotic diseases this month. Diarrheal diseases caused 250 more deaths than in May. From acute respiratory diseases there were hardly more than half as many deaths, there having been about 700 fewer than in May, and there were 120 fewer deaths from consumption. Diseases of the digestive organs caused more deaths than in May, but other local diseases show a considerable decrease. Accidental deaths, many of which were from drowning, caused an increase of 100 over May. Fewer deaths from old age occurred this month. Compared with June, 1897, there were fewer deaths in all of the sanitary districts, the maritime district reporting 150 fewer, and in the entire State the reported mortality is less by 400, and by nearly as many is it less than the average of June for the past ten years. A large part of this decrease is in the mortality of early life, and one half of it is in zymotic diseases. There is also a considerable decrease in acute respiratory diseases. Diarrheal diseases caused 375 deaths, which is but half the usual mortality for June. Diphtheria caused 175 deaths, or 50 less than in May, and one-half that of June, 1897. Whooping cough caused 111 deaths, the same number as in May and double that of last June. Cerebro-spinal meningitis is also very much more prevalent than a year ago, 110 deaths being reported from it, which is excessive, all the sanitary districts reporting it, but the increase is mainly in the maritime district. Consumption shows the usual June mortality, about 1,000 deaths. Smallpox has developed in no new localities since the report of last month. All of the ten reported localities, except Fredonia and Moravia, are believed to be free from the disease, and these are probably soon to be relieved. Of the 50 cases in all, 8 occurred in the troupe importing it; the cases have been generally very mild, no fatality occurring. The mean temperature for the month was one degree above the normal of 66°, the average highest being 90°, lowest 43°; there were ten clear days and a slight deficiency for the State in rainfall, although this was excessive in the eastern part of the State; winds southwesterly.

OHIO—Toledo.—Month of July, 1898. Estimated population, 151,520. Total number of deaths, 129, including enteric fever, 1; scarlet fever, 1; whooping cough, 1, and 7 from phthisis pulmonalis.

PENNSYLVANIA—Williamsport.—Month of July, 1898. Estimated population, 35,000. Total number of deaths not reported. One death from enteric fever and 2 from phthisis pulmonalis.

TENNESSEE—Chattanooga.—Month of July, 1898. Estimated population, 40,000—white, 27,000; colored, 13,000. Total number of deaths, 58—white, 23; colored, 35—including phthisis pulmonalis, 3.

Nashville.—Month of July, 1898. Estimated population, 87,754—white, 54,595; colored, 38,159. Total number of deaths, 123—white, 57; colored, 66—including enteric fever, 2, and phthisis pulmonalis, 14.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

		<i>vi</i>	Lon					Deat	hs f	rom				
Cities.	Week ended.	Population, U. Census of 1890	Total deaths from	Phthisis pul- monalis.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Ashtabula, Ohio	Aug. 6	8, 338	2			.								
Bennington, Vt Binghamton, N. Y	do	6, 391 35, 005	9										·	
Boston, Mass Bristol, R. I	do	448, 477 5, 478	280	15					·	2		. 2	1	i
Cambridge, Mass	Aug. 6	70,028	44	4								1	·	. 2
Charleston, S. C Cincinnati, Ohio	Inly 20	a 54, 955 296, 908	b 38 94	12						4		· · · · · ·	•••••	1
Dα	Ann 5	296, 908		. 18			ļ			ĭ		1	· ·····	. i
Concord, N. H Dubois, Pa	Aug. 6	17, 044 6, 149	0	1				•••••	•••••	•••••				•
Dubois, Pa Do Dunkirk, N. Y	Aug. 6	6, 149	2	1	·			i	·					
Everett, Mass	July 80	9, 416 11, 068	8	2				•••••			•••••			
Fitchburg, Mass	do	22,037	16	ī										
Flint, Mich	do	9, 803 9, 069	3 7	1	1	1	l	1		1	1	1		1
Haverhill, Mass	Aug. 6	27,412	16	1										. 3
		43, 648 17, 201	31 23	1 2						3				
Jacksonviile, Fla Jersey City, N J Johnstown, Pa	July 31	163,003	80	5						ĭ	1	1		2 2
Kalamazoo, Mich	Aug. 6 July 30	21, 805 17, 853	13 3	••••						2				2
Lawrence, Mass	do	44,654	4							1				
Lynchburg, Va	Aug. 6	77, 696 19, 709	56 3	4			· · · • · · ·		•••••	•••••		1		
McKeesport, Pa Manchester, N. H	July 30	20,741	8	1										
Maggillon ()hio	Into 30	44, 126 10, 092	34	2	 .	•••••	•••••	•••••	•••••	•••••	•••••	1		
Medioru, Mass	Aug. 0	11,079				7 4		- 1				1		1
MICIPOSC. MISSS		8,519 64,495	3 28	5	•••••				•••••		•••••			
Memphis, Tenn Middletown, N. Y Milwaukee, Wis	July 31	7,681	8						•••••					
Milwaukee, Wis Minneapolis, Minn	Aug. 6	204, 468	45 37	2	•••••	•••••			·•••••		•••••	1		1
Nashville, Tenn	Aug. 6	164, 738 76, 168	30											i
New Bedford, Mass Newburyport, Mass	do	40, 733 13, 947	41 1	9 :				- 1					1	. 1
New Orleans, La	do	242, 039	96	8					i	4				1
New York, N. Y	Aug. 6	19, 457 2, 502, 865	8 1,579	1.45				- !	•••••	15	e	19	11	
Norristown, Pa	do	19,791	9	145										
North Adams, Mass Oneonta, N. Y	do	16,074 6,272	5	1	- 1	l l				i				
Orange N.J.	do	18,844	17											
Ottumwa, Iowa Do	July 9 July 16	14,001 14,001	4 2	1						•••••				•
Do	Tul = 92	14,001	7	1									•••••	ī
Petersburg, Va	July 30	14, 001 22, 680	6 15								•••••!			
Do	Aug. 7	22, 680	14	1	- 1	- 1		i	- 1	.,	- 1	- 1		•••••
Philadelphia, Pa	Aug. 6 July 30	1,046,964 238,617	484 103	40 10	•••••				•••••	19	1	10	1	4
Pittsfield. Mass	Aug. 6	17, 281	5	ĭ										
	July 30 Aug. 6	11, 267 11, 267	5 8											
Portland, Me	July 30	36, 425	12											1
Providence, R. I	Aug. 6	36, 425 182, 146	12 77	12					•••••	3			•••••	3
Reading, Pa	Aug. 1	58, 661	34											•••••
St. Louis, Mo	Aug. 8 July 8	58, 661 451, 770 451, 770	28 248									1		•••••
Do	July 10	451,770	242	21 .		i.				2		2		;
Do	July 17 July 24	451,770 451,770	182 186							1 .				1 3
Do	July 31	451,770	184	8 .						3.		3		į
Salt Lake City, Utah San Diego, Cal	do	44, 848 16, 159	13	1				• •••						1
San Jose, Cal	do	18,062	2											•••••
Santa Barbara, Cal Sault Ste. Marie, Mich		5, 864 5, 760												
Shreveport, La	Aug. 6	11, 979	4	1 .			•••••							

a Estimated population, 65,165; white, 28,870; colored, 36,295.

MORTALITY TABLE, CITIES OF THE UNITED STATES—Continued.

		εί .:⊗.	from					Deat	hs fi	rom-	-			
Cities.	Week ended.	Population, U Census of 18	Total deaths f	Phthisis pul- monalis.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Taunton, Mass	do July 30 July 81 Aug. 6 July 30	25, 448 18, 707 5, 973 233, 892 5, 532 61, 431 18, 208 84, 655 84, 655 33, 220	9 2 2 120 28 4 48 52 14	17 4 2 6 4										

853

Table of temperature and rainfall, week ended August 8, 1898.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temp	erature in Fahrenhe		Rainfal	l in inche dredths	s and hun-
	Normal.	aExcess.	aDefic'ncy.	Normal.	Excess.	Deficiency
Atlantic Coast:					ļ	
Eastport, Me	62	0		.83	.07	
Portland, Me	68	4		.87	.13	
Northfield, Vt	66	2		.98	1.12	
Boston, Mass	71	8		1.05	.15	
Vincend Howen Moss	1 71	5		.76		.40
Vineyatu naven, ass. Nantucket, Mass. Woods Hole, Mass. Block Island, R. I. New Haven, Conn Albany, N. Y. New York, N. Y. Havrishure, Pa	68	4		.70		.70
Woods Hole, Mass	70	2 3		. 82		.82
Block Island, R. I	69	3		.80		.40
New Haven, Conn	71	3		1.24	.96	
Albany, N. Y	72 73 78	4		.98	.82	
New York, N. Y	73	8		1.08		.1
Harrisburg, Pa Philadelphia, Pa	78	3		1.01	8.29	
Philadelphia, Pa	75	5		1.01	5.69	
New Brunswick, N. J. Atlantic City, N. J. Baltimore, Md	78	3		1.14	.46	
Atlantic City, N. J	72	6		1.00		1.0
Baitimore, Md	76	4		. 92	2.18	
Washington, D. C. Lynchburg, Va. Cape Henry, Va.	76 76	4		.97	.17	
Lynchburg, va	76	4	••••••	.91		1.0
Vape Henry, Va	77	5		1.32		1.2
Norfolk, Va Charlotte, N. C Raleigh, N. C Kittyhawk, N. C Hatteras, N. C Wilmington, N. C Columbia, S. C Charleston, S. C.	78	4 7		1.42		1.0
Charlotte, N. C	77	8	•••••	1.26	•••••	1.1
Raieign, N. C	77			1.97		1.7
Hotels N. C.	78 78	4 2		1.58		1.5 1.0
Hatteras, N. C	78			1.46	·····	
Columbia C C	79	1 2	••••••	1.75		1.0 1.5
Charlester S.C	80	3		1.58		
Charleston, S. C	81 80	3		1.80		1.8 1.0
Augusta, Ga	81	1		1.19		1.0
Savannan, Ga		1 0	•••••	1.70	••••••	1.4
Jackson VIIIe, Fla	82 81	"		1.46 1.05		1.4
Jupivot, Fla			1 2	.94	1.95	
Key West, Fla	84		2		1.76	
Atlanta, Ga Tampa, Fla	77	1		1.10	.30	
Tampa, Fla	81		1	2.23	3.67	
Pensacola, Fla	80	0		1.98	.72	
Mobile, Ala	80	0		1.59	1.11	
Montgomery, Ala Vicksburg, Miss	80		2	.98	2.42	
Vicksburg, Miss	81		1	.85	. 15	
New Orleans, La	82		2	1.40	2.20	
Shreveport, La	82	. 0	• • • • • • • • • • • • • • • • • • • •	.50	.30	
Fort Smith, Ark Little Rock, Ark Palestine, Tex	78	0		.86	3.64	
Delegation of the control of the con	79		1	.96		.6
Palestine, Tex	81	1	••••••	. 56	.44	
Cranvesion, I ex	88	1		1.07	• • • • • • • • • • • • • • • • • • • •	.7
San Antonio, Tex	83	1		.74	•••••	.6
Corpus Christi, Tex hio Valley and Tennessee:	82	0	•••••	. 52	•••••	.5
Memphis Tenn	79	l	1	.79		.3
Memphis, Tenn	79	0		.80	.10	.03
Chattanoore Tenn	76	2	•••••	.98	.10	.5
Chattanooga, Tenn Knoxville, Tenn Louisville, Ky Indianapolis, Ind Cincinnati, Ohio	75	8		.98	•••••	.3
Innieville Kv	77	1		.84	••••••	.5
Indiananolia Ind	74	ò		.81	. 39	
Cincinneti Ohio	76	ŏ	***************************************	.84	. 35	.6
	73	ĭ		.73	2.77	
Parkersburg, W. Va	74	ō		. 95	1.05	
Pitteburg, Pa	74	ž		.80	.30	
ake Region ·	•-	_		•••		
Oswego, N. Y	70	2		. 63	1.07	
Rochester, N. Y	70	4		.70	.00	
Oswego, N. Y	70	4		.70	.80	
Erie. Pa	70	2		.70	. 30	
Cleveland Ohio	70	2		.70		.30
Sandusky, Ohio	72	2		.70 .73	. 97	
Sandusky, Ohio	72	2 2 2 2 3		. 63	. 37	
Detroit, Mich	71	3		.63		.13
	70	0		.63		.03
Port Huron, Mich	67	5		.56		.30
Alpens, Mich	64	0		.77	. 53	
Port Huron, Mich	62	0		.57	1.08	
Marquette, Mich	65		1	.63		. 53
Green Bay, Wis	69		1	.63	.27	

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

Table of temperature and rainfall, week ended August 8, 1898-Continued.

Locality.	Temp	perature i Fahrenh	n degrees eit.	Rainfe	ll in inch dredth	es and hun- s.
	Normal	a Excess	. aDefic'ncy.	Normal	. Excess	Deficiency
Lake Region—Continued.	1		1			
Orand Hawan Mich	68		0	.56	2.04	
Milwaukee, Wis	69	1		. 63	.37	
Milwaukee, Wis	72 67		. 2	.70	.30	••••••
Upper Mississippi Valley:	67	***************************************	. 1	.74	1.16	
St. Paul. Minn	71	1	. 3	.77	2.23	l
La Crosse, Wis Dubuque, Iowa	71		. 3	.74 .76	.76	
Dubuque, Iowa	78		. 8	. 76	1.94	
Davenport, Iowa Des Moines, Iowa	73 73		. 8	.84 .77	.16	
Keokuk, Iowa	75		. 5	.74	.46	. 07
Hannibal, Mo	75		. 5	. 49		19
Springfield, Ill	74		2	. 49	2.01	
Cairo, Ill	77		. 1	.67	.98	
St. Louis, Mo Missouri Valley:	77		. 3	.84	••••••	. 14
Columbia, Mo	75	l	. 3	. 75		. 45
Springfield, Mo	76		. 4	.98	1. 22	
Kansas City, Mo	76		. 4	. 91	. 89	
Topeka, Kans Wichita, Kans	76		. 2	1.05	.15	
Concordia, Kans	78 76	••••••	4	.74 .70	1.46	
Lincoln, Nebr	75	***************************************	2 3	.77	1.63	. 30
Omaha, Nebr	75		5	.82	1.08	
Sioux City, Iowa Yankton, S. Dak	75		5	. 93	2.17	
Yankton, S. Dak	78	•••••	1	. 70	.90	
Valentine, Nebr Huron, S. Dak	72	•••••	6	. 49	1.71	
Pierre, S. Dak.	70 75	•••••	2 5	. 68 . 42	•••••	
Moorhead, Minn	67	1		.68		28
Bismarck, N. Dak	70		0	. 49		.49
Williston, N. Dak	68		0	.30		.30
Rocky Mountain Region:	60				1	
Havre, Mont Helena, Mont	68 68	•••••	0	. 35 . 14		.35
Miles City, Mont	75	***************************************	2 5	.28	*	.14
Rapid City, S. Dak	72		4	.35		.06
Spokane, Wash	71	5		.03		.03
Wallawalla, Wash	74	8		.00	.00	
Baker City, Oreg Winnemucca, Nev	67 73	5 3		.06	••••••	.06
Idaho Falla Idaho	69		1	.00 .07	.00	.07
Salt Lake City, Utah	78	••••••••	2	.14	.16	
Lander, Wyo Cheyenne, Wyo	70	•••••	8	. 15	.35	
Cheyenne, Wyo	67	•••••	5 3	. 40	.40	
North Platte, Nebr	78	••••••	3	. 56	. 24	
Denver, ColoPueblo, Colo	72 75	•••••	2 3	. 35 . 49	. 45	.09
Dodge City, Kans Oklahoma, Okla	76	•••••••	2	.70	1.60	.09
Oklahoma, Okla	80	•••••	4	.74	1.76	
Amarillo, Tex	75		3	. 59	2, 21	
Abilene, Tex	81	•••••	1	.53	.87	• • • • • • • • • • • • • • • • • • • •
Santa Fe, N. MexEl Paso, Tex	68 80		2 0	.74 .42	. 16	10
Phœnix, Ariz	89		ĭ	.21	•••••	. 12 . 21
Pacific Coast:	""		-			•
Seattle, Wash	64	6		.14	• • • • • • • • • • • • • • • • • • • •	.14
Tacoma, Wash	62	8 1		.14		. 14
Fort Canby, Wash Portland, Oreg	59 66	6	•••••	.16 .07		.06
Roseburg, Oreg	67	5		.00	.00	.07
Eureka, Cal	56		0	.00	.00	***************
Redbluff, Cal	88 .		5	.00	.00	
Carson City, Nev	68	6		.00	.20	•••••
Sacramento, Cal	74 58	••••••	6 2	.00	.00	•••••
Freeno Col	83 .		5	.00	:00	
San Luis Obispo, Cal	65 .		i	.00	.00	
San Luis Obispo, Cal	70 .		0	.00	.ŏŏ	••••••
San Diego, Cal Yuma, Ariz	69 94	••••••	3	.07		.07
a willer the izerossessessessessessessessessessessessesse	94 .		4	.07		. 07

a 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, plague, and smallpox as reported to the Supervising Surgeon-General United States Marine-Hospital Service, January 1 to August 11, 1898.

CHOLERA.

Places.	Date.		Савев.	Deaths.	Remarks.
China:					
Hongkong	Apr. 24-Apr.	30	5	3	
India:			1	1	
Bombay	Nov. 24-Nov.				
<u> </u>	Dec. 1-Mar.				
	Mar. 2-Mar.				
	Mar. 30-May				
	June 1-June				
Calcutta	Nov. 14-Dec.				j
	Dec. 5-Jan.				
	Jan. 2-Jan.				
· .	Jan. 30-Feb.				
	Feb. 27-Mar.	26		95	
	Mar. 27-June	11		271	
Madras	Nov. 20-Dec.	10		. 8	
•	Dec. 4-Dec.				
	Jan. 1-Jan.				
	Jan. 29-June			43	
	May 28-June				
Singapore	Nov. 1-Nov.				
	Dec. 1-Dec.	31			
_	Mar. 1-Mar.	31		1	
apan :			1	1	
Hiogo	May 19-June			1	
Kanagawa Ken	Mar. 24-June		15	7	
Okayama	Apr. 29-May		1		
Osaka and Hiogo	Mar. 26-June		4	2	
	May 21-May		1		
Tokyo Fu	Apr. 11-June		14	4	
Yokohama	Apr. 15-Apr.	29		1 1	

YELLOW FEVER.

Brazil :						
Araraguara	Mar	. 1-Mar	- 31	. 4	3	1
wa was cont w	Apr.					
Bahia	Dec.				2	
Daum					2	m
		29				. Taken off of Nor.bk. Adonis.
~	May				3	
Ceara	Nov.				. 1	
Descalvado					1	
Jaboticabal	Mar.	l-Mar	. 31	. 35	16	
Para	Dec.	12-Jan	. 1		. 24	1
	Jan.	2-Jan	. 15		. 22	1
	Jan.				30	
		1-June			ĭ	1
Ribeirao Bonito	Feb.				22	1
Bibellao Dollioo	ADF.				3	
Rio Clara	Mar.					
Alo Clara				9	4	
	Apr.			69	33	
Bio de Janeiro		21-Dec.		1		
	Dec.			8	3	
	Jan.	1-Jan.	29	22	17	
	Jan.	30-July	8		949	
Sao Carlos de Pinhal		28-Mar.			58	Yellow fever reported.
		1-May		262	90	zenow tever reported.
	May		•	202		Vollow force non-orded anddown
Sentos	Jan.	2-Jan.		1	1	Yellow fever reported epidemic.
Salings						
	Jan.	23-Jan.		. 8	•••••	
•		30-Feb.		21	3	
=	Mar.	1-Mar.		82	18	
	Apr.	1-Apr.		103	52	In isolation hospital.
	May	3-Мау		159	97	84 deaths in isolation hospital.
	June	4-June	18	72	43	

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

Places.		Date.		C)	Deaths.	Remarks.
Brazil-Continued.						
Sao Paulo	Feb	1-Mar 1-Apr. 1-May 29-May	. 31	. 4	8	
Taboticabal	Apr.	l-Apr.	3 U	. 106		
Tahir	May	l-May	· 81	. 3		
Victoria	Apr.	. 29-Мау	, 18	. 8	2	· ·
Costa Rica:	1					
Port Limon	. June	e 15	•••••			Yellow fever reported.
Colombia:	1			ı	1	_
Cartagena	. Jun	e 1–June	e 3 0		. 1	
-	July	8-July e 6-June	[,] 15	. 2	2	
Colon	June	e 6-June	e 22			. Sporadic cases of yellow fever
	í			Í	l	occur from time to time.
Cuba:	l _			1]	
Cienfuegos	Dec.	20-Jan.	. 2		. 2	No reports received since hostil-
	Jan.	3-Jan.	23		. 1	ities with Spain began.
Habana	Dec.	3-Jan. 17-Dec. 31-Jan. 28-Feb. 4-Mar.	30		. 6	Do.
	Dec.	31 -Ja n.	27		. 9	
	Jan.	28-Feb.	. 17		. 3	
	Mar.	4-Mar.	. 31		. 4	
Manzanillo						No reports received since hostili-
	Jan.	l-Jan.	31		9	ties with Spain began.
	Feb.	l-Jan. 14-Feb.	28		3	Tion with Spain sogue,
Matanzas	Den	15_Tan	10	i	4	Do.
141.000118000	Feb	9-Feb.	23	***************************************	2	20.
Regla	Dec.	31-Feb.	98		7	Do.
negia	Mor.	1-Mar.	20		2	До.
Sagua la Grande	Illor.	18-Jan.	24		2	A form seems of mallors former but
Sagua la Grande	Dec.	10-380.	20			A few cases of yellow fever, but
				1		impossible to obtain statistics.
				1	l	No reports received since hostil-
	_					ities with Spain began.
Santiago de Cuba	Dec.	19-Jan.	29		6	No reports received since hostil-
				1	1	ities with Spain began.
lamaica:	_		_			i
Kingston	Dec.	19-Jan.	1	1	1	
	Jan.	19-Jan. 2-Jan.	31	2	2	
	reo.	o-reb.	19	Z	1	
	Aug.	10	• • • • • • • • • • • • • • • • • • • •		1	From steamer Darien.
St. Andrew	Dec.	19-Jan.	1	1		
· ·	Feb.	27-Mar.	5	1	1	
St. Catherine	Dec.	19-Jan.	1	1		
St. Elizabeth	Dec.	19–Jan.	1	1	1	
Mexico:						
Monterey	Aug.	2				Yellow fever reported.
Tampico	July	17-July	24	15	7	_
-	July	17-July 24-July	31		9	
Vera Cruz	July	9				1 case reported.
Santo Domingo:				l		-
Santo Domingo	May	7-May	14	1	1	
San Salvador	June	4		34	8	Yellow fever reported.
	July	2	• • • • • • • • • • • • • • • • • • • •	5	2	
West Indies:	-				_	
Curacoa	June	4		10	1	On H. M. S. Atkmaar. Patients
					-	taken to quarantine hospital.
Yucatan :						control to dantament morbinari
Merida	July	8				Yellow fever reported.
	0 3	· · · · · · · · · · · · · · · · · · ·		***************************************	**********	I chow level reperied.
		1	PLA	GUE.		
Arabia:						
Djiddah	Mar	99_ A mm	14		34	
Nuslah	Mor.	22-Apr. 1-Mar.	95	1	02	
China:	mat.	1-Diar.	20		**********	
	Tuna	11				Manus namented Toma 14 00
Amoy	2 and	11	••••••	••••••	•••••	Plague reported. June 14, 20
Conton	Mar	00 4	_	10		deaths a day.
Canton	mar.	22-Apr.	5	10		
Hongkong	MOA.	7-Nov.	ZŲ	2	2	
		18-Jan.		2.	2	
		2-Jan.		6	5	
	Jan.	80-Feb.	26	64	56	
	Feb.	27-Apr.	30	596	529	
	Apr.	30-May	28	518	448	
	June	1-June	14	131	91	
	June	4-June	25		134	
Swatow	Mar.	25				Do.
Macao	Apr.	9				Do.
Shanghai	Apr.	28				On ss. Glenturret, in quarantine.
Egypt:			ł	,		· •
Suez	Mav	5				1 case plague on sa Mahale.
		~				Times hind an ar me merime.

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

PLAGUE-Continued.

Places.		Date.		Cases.	Deaths.	Remarks.
India:						
Bombay		24-Nov.				
-	Dec.	1-Feb.	. 8		4,833	
	Feb.	9-Mar	. 1		3, 436	
	Mar.	2-Mar.	. 29		4,579	1
	Mar.	30-May	17		2,731	,
~ ·		1-June				
Calcutta	Apr.	25-May	4	25	12	Plague reported. "Sporadic." May 28.
Japan :				1		
Hiogo		19-June	5	1	1	In quarantine on steamship Peru.
Osaka and Hiogo		21-May	28		1	_
Taiwan, Formosa		28-Apr.			84	ł
Formosa Ports (Taipeh- Tainan, and Taiwan.)	Apr.	29-June	15	2,338	1,483	
Yokohama	Mar.	1-Apr.	11	2	1	
Nagasaki		6-June			ī	In quarantine steamship Hikozan Maru.
Karachi	Apr.	6-Apr.	12	51	31	Maru.
St. Petersburg	Mar.	26-Apr.	2		1	

SMALLPOX.

						_
Belgium:						1
Antwerp	Mor	1-May	7	. 2	ŀ	1
Antwerp	Lay	4-June	. 11"	3	2	1
Brussels	June					١
		4-June				İ
Ghent	May	· 7-May	14			ı
	July	9-July	16		2	1
Bohemia:	l _		_		1	ı
Prague	Dec.	12-Jan.	1	11		ŀ
	Jan.	2-May	14	151		ŀ
	June	11-June	ì 18	5		ŀ
British Columbia:	i			ł		١
Victoria	May	9		1		ŀ
Brazii:				ŀ	1	ŀ
Bahia	June	11-June	25	17		1
Ceara	Mar.	1-Mar.	31		10	١
Montevideo	May	14-May	21	1		ı
Pernambuco	Dec.	1-Dec.	25		8	l
_ 0	Apr.	15-Apr.	23			١
Rio de Janeiro		21-Dec.				١
2010 40 041101101110111	Dec.				1	١
		l-Apr.	ē		î	١
Sao Paulo	Poh.	i-Mar.	21	40		ı
Sorocaba		16-Jan.			10	ı
British Columbia:	Dec.	10-0 an.	ω	02	1	١
Vancouver	T	14		9	i	i
	June	14	••••••	9		ł
Canada:	3/	14 36	00	6		ŀ
Halifax	MAY	14-May	28		************	ı
Maissonneuve	Jan.	26-Feb.				l
Montreal	Jan.	3-Jan.	1Z	8	0	Г
	Feb.	11-Feb.	16	1		l
China:						!
Hongkong	Nov.	7-Dec.	4		4	ı
		5-Jan.		11	8	l
		2-Apr.			113	ı
i	May	l-May	14		4	ı
	May	28-June	18	3	2	l
Cuba:				1		
Cardenas		19-Jan.			5	ı
	Mar.	6-Mar.	27	l	8	ı
Cienfuegos	Dec.	20-Jan.	2		7	ı
	Jan.	3-Jan.	23		19	1
	Feb.	7-Feb.	27		35	l
	Feb.	28-Apr.			9	ı
Habana		17-Apr.			154	ı
Matanzas	Jan	20-Feb.	23		8	1
	Feb	18-Apr.	7.		3	
Sagua la Grande	Dec	19-Jan.	20	233	29	
	Jan.	30-Feb.	26	470	35	l
-		27-Apr.			26	
•	T. OD.	aApr.	±	701	20	

${\it Cholera, yellow fever, plague, smallpox, etc.} \hbox{--} {\it Continued.}$

SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
England:				
Bristol	. Feb. 6-Feb. 19	1		
	July 16-July 23	1		1
Leeds	Mar. 19-Apr. 9	6		
Liverpool	Jan. 15-Jan. 29	8		
London	Feb. 1-Apr. 2 Feb. 27-Mar. 26	. 4		
	June 4-June 25			
Middlesborough	. Feb. 9	90		•
Newcastle on Tyne	Mar. 19–June 18.) 18		
Santhamatan	June 25-July 2.			
Southampton	Jan. 8-Feb. 12. June 18-June 25.	2		Removed from vessels.
South Shields	May 7-May 14	i		Removed from vessels.
Sunderland		ï		
	Feb. 27-Mar. 26.	. 4		
	June 11-June 18.	I		
West Hartlepool	Jan. 9-Jan. 22.	5		
France : Marseilles	May 1-May 31.	١.	,	
Paris		. 1	. 1	
Germany:	!		1 1	
Bremen	Apr. 23-May 14	. 2		
Hamburg		. 2		
Gibraltar	July 16-July 28 Dec. 6-Dec. 12	. 1		
310F8108F	Dec. 27-Apr. 3	. 1		
Honduras :	Dec. 21-Apr. 3	. 6		
Tegucigalpa	July 9-July 16	. 1	1	
India:	1	1		
Bombay	Feb. 9-May 24		82	
Calcutta	Dec. 19-Dec. 25		1	
	Jan. 30-May 28 June 4-June 11	• • • • • • • • • • • • • • • • • • • •	56	
Madras	Nov. 27-Dec. 3		1 1	
	Dec. 4-Dec. 31		3	
to a	Jan. 1-Jan. 28	.		
	Feb. 5-Apr. 22		66	
	Apr. 30-May 20 May 20-May 27	····	12 2	
	June 11-July 1		2	
Singapore	June 11-July 1 Mar. 1-Mar. 31		l il	
taly:	*	1	_	
Messina	Dec. 12-Jan. 8	••••••	5	
apan :	Jan. 30-May 21	•••••	5	
Aichi Ken	Dec. 28-June 5	9	1	
Akita Ken	Dec. 28-June 5	18	1	
Awomori Ken	Dec. 28-June 26	145	27	
Chiba Ken	Dec. 28-Apr. 10	9		
FormosaFukui Ken	Feb. 4-Mar. 3	7	4	
Fukuoka Ken	Dec. 28-Feb. 3 Mar. 24-June 5	1 6		
Fukushima Ken	Dec. 28-June 15	148	87	
Gifu Ken	Feb. 4-Feb. 22	1		
Gumma Ken	Reh 4_Reh 99	ī		
Hiogo	Apr. 29-June 5	3		
Hiroshima Ken	Jan. 22-Feb. 3	1	•••••	•
Ishikawa KenIwate Ken	Apr. 29-May 19	2		
Kagoshima Ken	Feb. 4-Feb 22	47	10	
Kagoshima Ken Kanagawa Ken	Dec. 28-Jan. 21	3		
		1 .		
Aocni Ken	Dec. 28-Jan. 21	1		
Miyagi Ken Miyazaki Ken	Dec. 17-June 26	103	27	
ALIJOHALI ACII	Jan. 22-Feb. 3 Apr. 29-June 5	3	1	
	June 16-June 26	96 1	7	
Nagano Ken	Feb. 4-Mar. 23	9	5	
N	Feb. 4-Mar. 23 Apr. 29-May 19 Jan. 22-Mar. 23	1].		
Nagasaki Ken	Jan. 22-Mar. 23	4	1	*
	A 70 70 May 10	1 .		•
	Apr. 29-May 19	7 1	1	
Nara	Apr. 29-May 19	1		
Nara	Apr. 29-May 19 Mar. 4-Mar. 28	1 4 1 .	1	

${\it Cholera, yellow fever, plague, smallpox, etc.} \hbox{--} {\it Continued.}$

SMALLPOX-Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
		_		
Japan—Continued.	1-	1 _	. 1	
Okayama Ken				••
Osaka Fu	Dec. 28-June 5.	4		••
Oyama Ken	Mar. 4-Mar. 23.]		••
Saitama Ken		1		••
Shidzuoka Ken Shiga Ken		2		
Tochigo Ken		î		•
Tokyo Fu	Mar. 24-Apr. 10. Dec. 28-Mar. 23.			•
10ky0 Fu	June 16-June 26.			••
Tokushima Ken				••1
Tottori				"
Yamagata Ken				•
Yamaguchi Ken	Feb. 4-Apr. 28.			
Yamanashi Ken	Mar. 24-Apr. 28.	. 5		
Yehime Ken		. 59	13	Į
	Apr. 29-June 26.	12		
The Hokkaido	Dec. 17-June 15		142	
Mexico:				1
Nogales	May 13	. 4	ļ	•
Norway:	1	1		
Christiania	Mar. 20-May 21	19	2	
Nova Scotia:	_	1 _	i	
Halifax	June 4-June 11	. 3		. At quarantine hospital.
Netherlands:		1 _	i	
Amsterdam	Dec. 12-Dec. 24	. 1		•
Rotterdam	Dec. 12-Dec. 31		1	
Deserts :	Jan. 1-Jan. 29	. 1		•
Russia:	Nov. 23-Dec. 4	. 1		
Moscow	Nov. 25-Dec. 4	: 1	1	1
	Dec. 5-Dec. 11 Jan. 1-May 14	63	17	i
	May 21-May 28	. 4	2	
	June 4-July 20	30	11	
Odessa	June 4-July 9 Dec. 5-Jan. 1 Jan. 2-Jan. 29	53	9	1
V40554	Jan. 2-Jan. 29	34	7	1
	Jan. 30-July 16	108	19	
St. Petersburg	Jan. 30-July 16 Dec. 4-Dec. 25	35	13	
g	Jan. 9-Jan. 29	56	19	
	Jan. 30-July 16	84	75	
Warsaw	Dec. 19-May 28		136	
	June 4-June 18		15	
	June 25-July 2		5	
Scotland:	_	į.		
Edinburgh	4 pr. 16-Apr. 30			
Glasgow	Dec. 5-Dec. 25		1	
Leith	Apr. 3-Apr. 80	2	1	
Spain:	7 1 70-1 -	l		
Corunna	Jan. 1-Feb. 5		2	
Madrid	Dec. 22-Dec. 28			
Sweden:	Feb. 8-Apr. 6	***************************************	3	
Christiania	July 2-July 23	9	1	
Curkey:	July 2-July 25	,	1 1	
Constantinople	Jan. 10-Feb. 6		53	
Comagnitudo pre	Feb. 28-May 8		94	
Jruguay:	10 MO-MAN 0		<i>0</i> 1	
Montevideo	Dec. 25-Mar. 19	5		
	May 1-May 7		1	
1	June 19-June 26	1	-	
Venezuela:		-		
Caracas	June 7-July 2			Smallpox epidemic.
Puerto Cabello	Apr. 2-Apr. 11	23	6	Smallpox increasing, June 7, 1898
Valencia	Apr. 2-Apr. 11	54		July 23, about 1,000 cases.
Wales:			. 1	
Cardiff	Dec. 18-Dec. 24	1		
1			i	

August 12, 1898 860

Current quarantine measures.

[Translated in this Bureau from the "Veröffentlichungen des Kaiserlichen Gesundheitsamtes," Berlin July 20, 1898.]

BULGARIA.—As a precautionary measure against the introduction of plague the Bulgarian Government has issued the following instructions:

1. Bags which arrive directly from Calcutta shall not be allowed to

enter Bulgaria.

2. Bags from India which have been unloaded to another ship in a

European port may be admitted after disinfection.

3. Bags from India which carry a certificate that they have had free pratique in any European port or that they have been already disinfected, may be admitted to entrance without disinfection.

BRAZIL.

Sanitary report from Rio-Statistics of the Pasteur-Institute at Rio.

RIO DE JANEIRO, July 11, 1898.

SIR: I have the honor to transmit to you official report for the week ending July 1. There were 309 deaths from all causes, an increase of 13, as compared with the foregoing week; 15 deaths from accesso pernicioso, an increase of 6; 21 deaths from yellow fever, an increase of 9; 15 deaths from typhoid fever, an increase of 11; 1 death from diphtheria, and 5 deaths from beriberi, the same as before, and 38 deaths from tuberculosis, a decrease of 7.

There occurred during the week ended July 8, 315 deaths from all causes, 3 deaths from accesso pernicioso, 21 deaths from yellow fever,

15 deaths from different fevers, and 5 deaths from beriberi.

Service of the Pasteur Institute at Rio de Janeiro.—From the date on which in Brazil the prophylactical treatment against hydrophobia was commenced, up to June 30, 1898, 4,068 persons have applied for the assistance of the Pasteur Institute, here existing under the direction of Prof. Dr. Ferreira dos Santos. Of that number, 2,695 persons have been treated, 172 last year. Treatment has been refused to the persons bitten when it was discovered that the animals were not suffering from lyssa. In two instances it was subsequently discovered that persons rejected on the plea of not having been bitten by rabid animals had actually been so bitten, having shown symptoms of hydrophobia. Three other patients were rejected because they had already been attacked by lyssa when they applied for prophylactical vaccinations.

Of the 2,695 persons treated, 1,935 had been bitten on uncovered

parts of the body, and 760 through the clothing.

Application was made in 10 instances by employees of the institute on account of accidents occurring during experiments with animals; in three instances sores, resulting from other causes, were contaminated by contact with the saliva of affected persons, and in two instances the patients were bitten by persons suffering from hydrophobia. As for the rest, the wounds were caused in 2,383 instances by dogs, in 287 instances by cats, in two instances by mules, in one by a cow, in two instances by asses, in one by a horse, and in four instances by monkeys.

In 237 animals the existence of rabies was shown by the experiments;

1,196 animals showed undoubted symptoms, and 1,262 animals highly

suspicious symptoms of the sickness.

The number of persons who did not await the termination of the treatment and that of those in whose cases it was discovered that the animals by which they had been bitten were not suffering from hydrophobia was 99. Among those included in the former class there were 3 who are known to have been taken with hydrophobia after leaving the institute. In 6 cases of patients under treatment the lyssa made its appearance before termination of the treatment. During the treatment 5 patients died of other diseases.

Of the 2,585 persons treated, 20 died from hydrophobia, the mortality resulting from this disease being consequently .77 per cent. In these 20 cases hydrophobia appeared in 9 instances within fifteen days after

the treatment had been completed.

Before the announcement of Pasteur's discovery the mortality from

rabies, according to Leblanc, was 16 per cent.

One thousand five hundred and forty-five persons treated were residents of the city of Rio de Janeiro; the others came from different

parts of Brazil.

Since last report the following-named ships have been inspected and received bills of health from this office: July 8, steamship Arlington, British, for Ship Island; barkentine White Wings, American, for Baltimore, and steamship Hevelius, Belgian, for New York. July 11, steamship Olbers, Belgian, for New York, and steamship Dora, German, for Pensacola.

On board of the steamship *Hevelius* there were 30 steerage passengers from Buenos Ayres, and 3 steerage passengers from Montevideo. All these I have examined here and I have given to the medical officer on board the proper papers.

Respectfully, yours,

W. HAVELBURG, M. D.,

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

The Supervising Surgeon-General,

U. S. Marine-Hospital Service.

DANISH WEST INDIES.

Quarantine established against Santos.

COPENHAGEN, July 15, 1898.

SIR: I have the honor to inform you that the Government of the Danish West Indies has declared a quarantine of five days against ships from Santos on account of the appearance of yellow fever at that port.

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

LAURITS S. SWENSON.

Hon, SECRETARY OF STATE.

August 12, 1898 862

JAMAICA.

One death from yellow fever at Kingston.

[Telegram.]

The following telegram was forwarded, on August 10, to this Bureau by the Department of State:

KINGSTON, JAMAICA, August 10, 1898.

Steamer Darien shortly due at Pensacola, left man here who died of yellow fever.

DENT, U. S. Consul.

NOTE.—This information was at once wired to the local quarantine officer at the port of Pensacola.

JAPAN.

Report on prevalence of infectious diseases.

YOKOHAMA, JAPAN, July 16, 1898.

SIR: I regret that I am unable to obtain the necessary material for

my regular report of infectious disease in time for this mail.

I am, however, able to state that, with the exception of some slight indications of the imminence of our yearly epidemic of dysentery, and a localized outbreak of variola in the extreme north of the island of Nipon, the sanitary condition of Japan is, for the season of the year, exceedingly good.

The onset of the summer heat has been apparently, as usual, followed by an abatement of the epidemic of plague in Formosa. In this connection I may say that from private, but thoroughly reliable sources, I am convinced that but a very small proportion of the cases of plague occurring among the native Formosans ever became known to the Japanese authorities.

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.

MEXICO.

Yellow fever at Tampico.

The United States vice-consul, writing under date of July 31, 1898, reports that during the week ended on that date there were 9 deaths from yellow fever in Tampico. He adds: "There are fevers of the malarial, remittent, intermittent, and pernicious types. Some cases of yellow fever; can not ascertain an appropriate number; the number, however, is not large. Condition and weather favorable to sickness. Active measures are being employed to prevent the spread of yellow fever."

UNITED STATES OF COLOMBIA.

Yellow fever at Cartagena.

The United States consul at Cartagena reports that during the week ended July 15, 1898, there were 2 fatal cases of yellow fever in Cartagena. The fever focus, he states, is strictly confined to the colony of Turks or Assyrians, who are extremely filthy in their habits.

VENEZUELA.

Smallpox reported epidemic at Valencia.

The United States consul at Puerto Cabello reports, under date of July 23, 1898, that the city and port of Puerto Cabello are in excellent sanitary condition. He states that quarantine exists with respect to the city of Valencia, distant some 30 miles, on account of the reported existence of about 1,000 cases of smallpox in that city.

STATISTICAL REPORTS.

BAHAMAS—Dunmore Town.—Two weeks ended July 29, 1898. Estimated population, 1,472. Total number of deaths, 1.

Governors Harbor.—Two weeks ended July 31, 1898. Estimated population, 1,500. No deaths.

Green Turtle Cay—Abaco.—Two weeks ended July 28, 1898. Estimated population, 3,900. No deaths.

BERMUDA.—Two weeks ended July 29, 1898. Estimated population, 15,013. Total number of deaths, 2. No deaths from contagious diseases.

CANADA—Hamilton.—Month of July, 1898. Estimated population, 50,000. Total number of deaths, 50, including diphtheria, 2, and 3 from scarlet fever.

BRAZIL—Ceara.—Month of June, 1898. Estimated population, 50,000. Total number of deaths, 117.

COLOMBIA—Cartagena.—Two weeks ended July 15, 1898. Estimated population, 25,000. Number of deaths not reported. Two deaths from yellow fever.

GREAT BRITAIN—England and Wales.—The deaths registered in 33 great towns in England and Wales during the week ended July 23 correspond to an annual rate of 15.6 a thousand of the aggregate population, which is estimated at 11,218,378. The highest rate was recorded in Salford, viz, 23.9, and the lowest in Croydon, viz, 4.6.

London.—One thousand three hundred and thirty deaths were registered during the week, including measles, 22; scarlet fever, 8; diphtheria, 29; whooping cough, 38; enteric fever, 8, and diarrhea and dysentery, 69. The deaths from all causes correspond to an annual rate of 15.4 a thousand. In greater London 1,204 deaths were registered, corresponding to an annual rate of 13.9 a thousand of the popu-

August 12, 1898 864

lation. In the "outer ring" the deaths included 12 from measles, 11 from diphtheria, 1 from scarlet fever, and 7 from whooping cough

Cardiff.—Three weeks ended July 23, 1898. Estimated population, 130,283. Total number of deaths, 120, including diphtheria, 6; enteric fever, 1, and 1 from measles.

Ireland.—The average annual death rate represented by the deaths registered during the week ended July 23 in the 23 principal town districts of Ireland was 21.3 a thousand of the population. The lowest rate was recorded in Galway and Queenstown, viz, 0.0, and the highest in Sligo, viz, 35.5 a thousand. In Dublin and suburbs 152 deaths were registered, including diphtheria, 1; enteric fever, 1; scarlet fever, 1, and whooping cough, 5.

Scotland.—The deaths registered in 8 principal towns during the week ended July 23 correspond to an annual rate of 20.1 a thousand of the population, which is estimated at 1.568.536. The lowest mortality was recorded in Aberdeen, viz, 15.2, and the highest in Perth, viz, 23.8 a thousand. The aggregate number of deaths registered from all causes was 605, including diphtheria, 2; measles, 19; scarlet fever, 8, and whooping cough, 29.

Malta.—Two weeks ended June 30, 1898. Estimated population, 177,745. Total number of deaths, 29, including 2 from enteric fever.

NORFOLK ISLAND.—Month of May, 1898. Estimated population, 876. One death.

WEST INDIES—St. Thomas.—Three months ended June 30, 1898. Estimated population, 12,000. Total number of deaths, 122, including leprosy, 2, and phthisis pulmonalis, 15.

MORTALITY TABLE, FOREIGN CITIES.

		-sinc	fom .		Deaths from—									
Cities.	Week ended.	Estimated popula-	Total deaths fall causes.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Entericfever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.		
Amsterdam	July 23	508, 266	141			 .	ļ	2			. 4	4		
Antwerp	. July 9	282, 872	71				ļ		4		. 3			
Barranquilla	do	282, 872 40, 000	28						9			1		
Belize	. July 28	13,000	2				ļ	ļ	·					
Belleville Do	. Aug. 1	10, 300 10, 300	3 3					2		i				
Berlin	. July 2	1, 728, 201	596				ļ	2	6	12	5			
Do	. July 9	1, 728, 201 505, 772	545 165						3 2	10 2	22	3		
Bluefields	do	3,018	100											
Bradford Bristol	do	3,018 231,260	65								4	1		
Bremen	. July 9	316, 900 143, 500	75 42			•••••		1	1		1 1	1		
Do	.: July 16	143,500	48					 .			2			
BrusselsBudapest	do	531, 024 640, 000	156				••••	2	3	3	1 5	1		
Catania	July 21	120, 00	76				1	6		2				
Chemnitz Christiania		174,840	39				2			1	3			
Coaticook	July 30	207,000 2,500	45									1		
Cognac		20,400	8								 .	1		
Do Cologne	July 23 July 16	20, 400 347, 366	148				. .		2	2	4	8		
Colombo	June 25	130,000	98					2			2			
Do Copenhagen		130,000	107							•••••	2			
Crefeld	July 23	351, 000 110, 000	125 30				••••	•••••		ï				
Demerara	June 4	82, 250	66											
Do	June 11 June 18	82, 250 82, 250	50 43			••••••	•••••	•••••	•••••	•••••		•••••		
Do	June 25	82, 250	32											
Dublin Edinburgh	July 23	400,000	152				•••••	1				5		
Flushing	July 9	295, 628 17, 397	112 7					1			2	7		
Do	July 16	17, 397	5											
Do Frankfort on the Main	July 23	17, 397 247, 000									1	i		
Funchal	July 17	36, 982	19											
Gibraltar	do July 24	25, 900 25, 900	6 9									•••••		
Do Girgenti	July 16	21, 219	6									•••••		
Jiasgow	July 23	724, 349	303					1		5	9	10		
othenburg Halifax	July 16	119, 754 38, 700								2	•••••	•••••		
Hamburg	July 23	661,015						2	2	3	11	3		
Hamilton, Bermuda Do	July 26 Aug. 2	16,000			•••••				•••••					
Hongkong	June 25	16,000 348,710									·····			
Honolulu Do		30,000	21					1			•••••	•••••		
Kingston, Canada	July 29	30, 300 18, 800	17			•••••		3						
Do	Aug. 6	18,800	10			.نا						•••••		
Leeds Leghorn	July 23 July 17	416, 618 104, 372	140 25			••••		1	2	5	3	2		
Do	July 24	104, 372 104, 372	29					1						
Licata Leipsic	July 16	20,000		•••••	.		1		-		ï.	••••		
Leith	July 23	422, 071 76, 277	137 24				-		<u>'</u>		1	ï		
Liege	July 16	166, 110	40				-							
Liverpool Livingston	July 23	647, 489 2, 000	260	······ ·				4	3	2	6	9		
ondon, England	do	6, 408, 321	1,704					13	9			•••••		
yons Madras	July 9 July 1	466, 028 452, 518	141			-				2		••••		
fagdeburg	July 2	222, 572	68 .							•••••	2	·····		
Manchester	July 23	541, 296	176					1	1	•••••	6	7		
Do	July 16 July 23	108, 957 108, 957			:::. ::					1		•••••		
faracaibo	July 9	50,000	16 .									••••		
Do	July 16 July 23	50, 000 76, 984									1	••••		
	- u.y 20	a Placue		•••••	•••••	•••• ••	••••	••••	±	•••••	± 1.	****		

a Plague, 11.

MORTALITY TABLE, FOREIGN CITIES—Continued.

		el la	from .		Deaths from—							
Cities.	Week ended.	Estimated popula-	Total deaths f	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping
Messina	July 23	107,000	37					1				
Montevideo		215,061	45					. i		· ····	-	• ••••
Do		215, 061	54		.,			li		ï		•
Moscow		1,000,000	915			3	2	5	10	9	15	•
Do		1,000,000	941				î	3	6	1 -	. 8	
New Castle on Tyne	do	223,000	86		.	9	1	ľ	0		3	
Do		223,000	98			ļ		1 4		• ••••	1 7	
Do		223,000	71		• • • • • • • • • • • • • • • • • • • •	•••••	1	1	•••••	· · · · · ·	2	1 :
Nuremburg		189,720	56			•••••		li		. 2	2	1 '
Do		189,720	64			•••••		1		1	· ·····	•
Odessa		383,000				•••••		· · · · · · · · · · · · · · · · · · ·	1	2		
Osaka and Hiogo			200	•••••	· · · · · ·	•••••	1	3	1		ļ	. :
Do		202, 912	100				•••••		•••••	1		·
Palermo		202, 912	109			•••••				····		· ····
		300,000	126			•••••	1	1	1	1		
Paris		2,511,955	794	•••••		•••••		3	7	9	30	10
Do		2,511,955	796	ļ		•••••			4	3	28	13
Prague		198, 320	103			•••••		3	7	1	1	
Puerto Cabello		14,000	0	•••••		•••••				ļ		
Puerto Cortes		2,000	0			•••••		ļ				·
Rheims		108, 963	44	- 						1	5	
<u>D</u> o		108, 963	35	•••••				2			2	ļ
Do		108, 96 3	48					 			4	
Rotterdam		301,816	100								2	
St. John	July 16	36, 119	18							l		
Do	July 28	36, 119	19							l	l	
St. Stephen, N. B	July 30	3,000	0							l		
St. Petersburg	July 16	1, 267, 023	617			2		22	11	20	15	1
Schiedam	July 23	26, 884	11									l
Sheffield	do	359, 400	110							1	1	
Bouth Shields	July 9	98, 922	42						1		l	
Do	July 16	98, 922	40						î		2	
Do	July 23	98, 922	33					1				
Stettin	July 16	150,000	129					î l				١ ١
stockholm	do	283, 550	92						2	5	3	1
tuttgart	July 21	162, 934	53									'
Campico		14,000	اشتا		9					•••••	•••••	•••••
l'egucigalpa		12,000	5		-				•••••	•••••	•••••	•••••
Do		12,000	5							•••••	•••••	•••••
rapani		45, 095	14	•••••	•••••		••••••	•••••		·····		•••••
Trieste	do	165,000	83	••••••	•••••	•••••	•••••		••••••	;	1	•••••
Venice	do	168, 958	84	•••••	•••••			3	•••••	1	1	
Vera Cruz	Tul- 90			•••••			•••••	3	•••••	•••••	••••••	2
Vera Cruz	July 28	30,000	39	•••••			•••••	<u></u>	··· <u>·</u> ···			
Zurich	July 16	1, 590, 295 162, 212	582 31	····-	•••••		•••••	2	5	4	18	6
										1		

By authority of the Secretary of the Treasury:

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