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., JULY 22, 1898.

No. 29.

UNITED STATES.

Copy of correspondence relative to vessels under supervision of the War Department transporting supplies and troops from infected ports.*

TREASURY DEPARTMENT, Washington, D. C., May 31, 1898.

SIR: I have to invite your attention to the precautions deemed necessary by this Department to prevent the introduction of yellow fever from Cuba during the coming summer and fall through vessels engaged in transporting troops and supplies from the ports of New Orleans, Mobile, and Port Tampa. Each summer and fall, even under ordinary conditions, the greatest care is exercised by the National, State, and local quarantine authorities with regard to vessels entering the southern ports of the United States from Cuban and other tropical ports, and it is believed to be practicable to enforce, with regard to these transport vessels, the regular quarantine regulations which, by the act of Congress approved February 15, 1893, it is the duty of this Department to enforce.

I have, therefore, to request that the proper officers of your Department be directed to instruct masters of these transport vessels that they are forbidden to bring refugees from Cuba on their return to ports within the United States, and are also absolutely forbidden to bring any bundles of clothing, baggage, or other merchandise capable of conveying infection which is not strictly military in character. This provision will not only serve to protect the ports of the United States from yellow fever infection, but will also tend to prevent the infection of the transports themselves, which, if infected, might convey the disease to

^{*}For correspondence with the Hon. Secretary of the Navy as regards vessels under the control of that Department, see Nos. 20 and 24 of this volume of the Public Health Reports, pages 497, 498, 606, and 607.

the troops en route to Cuba, as it is supposed these transports will each

make a number of trips back and forth.

I have further to request that an order be issued requiring the masters of these transport vessels to submit to the regular quarantine examination and necessary restraints on arriving at any port in the United States. An order to this effect (copy of which is inclosed) has already been issued by Major-General Shafter at Tampa, Fla., and it is requested that a similar order be issued through the proper officer at New Orleans and Mobile, or at other ports where troops may embark.

Respectfully, yours,

L. J. GAGE, Secretary.

Hon. SECRETARY OF WAR.

WAR DEPARTMENT, ADJUTANT-GENERAL'S OFFICE, Washington, D. C., July 16, 1898.

SIR: Acknowledging the receipt of your letter of May 31 last, inviting attention to the precautions deemed necessary by the Treasury Department to prevent the introduction of yellow fever from Cuba during the coming summer and fall through vessels engaged in transporting troops and supplies from the ports of New Orleans, Mobile, and Port Tampa, and requesting that the proper officers of this Department be directed to instruct masters of transport vessels that they are forbidden to bring any refugees from Cuba on their return to ports within the United States, etc., and also requesting that an order be issued requiring the masters of these transport vessels to submit to the regular quarantine examination and necessary restraints upon arriving at any port of the United States, I have the honor to inform you that on the 24th ultimo copies of your communication were referred to the commanding general, Department of the East, the commanding general, United States forces, Miami, Fla.; the commanding general, United States forces, Jacksonville, Fla.; the commanding general, United States forces, New Orleans, La., and the commanding general, United States forces, Tampa, Fla., to issue the necessary instructions from their headquarters to carry out the wishes of the Treasury Department as indicated in your letter.

On the 6th instant the commanding general, Seventh Army Corps, Jacksonville, Fla., reported that copies of the papers referred to had been furnished to the United States Marine-Hospital surgeons at Miami and Jacksonville, Fla., for their information and guidance.

Very respectfully, H. C. CORBIN,

Adjutant General, for the Secretary of War. Hon. Secretary of The Treasury.

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

Smallpox in Pennsylvania.

PHILADELPHIA, PA., July 13, 1898.

SIR: Since my last report of June 23, 1898, smallpox has been reported at Dunbar, Fayette County, 6 cases, confined to one house. Origin is unknown. House quarantined.

Yours, very truly,

BENJAMIN LEE, M. D., Secretary, State Board of Health. 751

Smallpox in Tennessee.

MEMPHIS, TENN., July 14, 1898.

SIR: I have to report 2 cases of smallpox—1 within the city proper, and the second about 6 miles southeast of the city, in a negro settlement—both contracted from a negro boy who arrived in Memphis from Hot Springs, Ark., on June 8, with a well-developed case of smallpox. Both patients and a negro man and woman directly exposed have been sent to the smallpox hospital.

I have thoroughly inspected the negro settlement, and do not think

there will be any spread of the disease.

Yours, very respectfully,

MARCUS HAASE, M. D., Secretary, Board of Health.

Destruction by fire of quarantine plant at Mobile, Ala.

MOBILE, ALA., July 14, 1898.

SIR: Early on the morning of the 8th instant the building and contents, together with wharf on which same rested, inclusive of all apparatus for removing ballast and disinfecting vessels, were destroyed by fire, leaving only the shore bridge, or wharf, boathouse, hospital, physician's residence, and residence for the men. By reason of this great misfortune in being deprived of all facilities for operating station as an active quarantine station, it is now used simply as an inspection station, and all vessels from ports infected or suspected under proclamation of this board, dated March 12, 1898, will be spoken off Mobile Bar by our pilots and ordered to the Gulf Quarantine Station.

I am, most respectfully,

T. S. Scales, M. D.,

Health Officer.

Smallpox in the United States as reported to the Supervising Surgeon-General United States
Marine-Hospital Service, January 1 to July 22, 1898.

Places.	Date.	Cases.	Deaths.	Remarks.
labama:		·		
Bessemer	Jan. 6-Feb. 19			
Birmingham	Jan. 6-Feb. 19		•••••	
In Information country outside	May 13	. 15	•••••	
In Jefferson county, outside	Pob 6-Pob 10	26	1	1
of the city Carneys Bluff	Feb. 6-Feb. 19 Feb. 17			Smallpox reported.
Corona	Mar. 4			Smanpox reported.
Dolomite	Dec. 1-Jan. 17			i
Gosport	Feb. 17			Do.
Glendon	Feb. 17			
Haynesville	Mar. 11	400		1-
Horse Creek Mine	Mar. 4 Mar. 31-June 12	3		
Hurricane Bayou	Mar. 31-June 12	30		
Jackson				
Letohatchie Mobile	May 13 Feb. 5-June 15	50 82	1	
MODITE	July 1	2	1	
Montevallo	Mar. 3			
Montgomery, Ala	June 29			
Newton	Jan. 15-Feb. 2			
Nichola	Feb. 17			Do.
Oxmar	Jan. 19	•••••		Do.
Patton	Feb. 1-Mar. 4	9		
Pinckard	Feb. 2	50		
Port Deposit	May 13 Mar. 11	.1		
Rock Springs	Mar. 11	15	•••••	_
Salitpa Selma	Feb. 17		•••••	Do.
Shelby	Jan. 13-Feb. 14	8	•••••	
Talladega	Jan. 28-Apr. 22 Jan. 9-Feb. 15	45		
Walker Springs	Feb. 17	10		Do.
Wayne County	June 23-July 1	2		ъ.
Whistler	June 4-June 15	ī		
rkansas :	,	-		
Beebe	June 30	1		
Fair Oaks	Mar. 1	5		
Hot Springs	June 80	2		
Little Rock and vicinity	Mar. 31-May 20	110	1	
Newport	Apr. 28	1		
Sweet Home	May 20	11	1	•
olorado : Boulder	Tuno 04	4		
istrict of Columbia:	June 24	•		
Washington	Feb. 7	1		Marral Wasnital
Washington	Apr. 2-May 5	9		Naval Hospital.
lorida:	p.: 2 2203 0		•••••	
Bartow	June 25	1		
Bluff Springs	June 18	1		
Jackson ville	Mar. 20-Mar. 26	1		
Pensacola	Apr. 24-May 11	2		
Washington County	Jan. 24	12		
orgia:	T 15 TI-1 14	180		
AtlantaCartersville	Jan. 17-Feb. 16	178	2	Most cases from count
Griffin	Jan. 15-Mar. 1 Feb. 12	9 2	1	
Macon	Jan. 15-June 1	100	3	
Stilesboro	Jan. 15	100		Smallpox reported.
inois:				Smanpoz reporteu.
Chicago	May 4	1		
diana:				
Evansville	Feb. 26	1		
entucky:		_		
	Feb. 8-Feb. 24	1 1		
Butler		1 1		
Louisville	Apr. 16			
Louisville Middlesborough		188	2	
Louisville	Apr. 16 Feb. 3-Apr. 7	183	_	
Louisvillehiddlesborough wisiana: New Orleans	Apr. 16	183	2	
Louisville	Apr. 16 Feb. 3-Apr. 7 Mar. 13-May 21	188		
Louisville	Apr. 16 Feb. 3-Apr. 7 Mar. 13-May 21 Feb. 5-Feb. 22	188 5 1		
Louisville	Apr. 16 Feb. 3-Apr. 7 Mar. 13-May 21	188 5 1		
Louisville	Apr. 16	188 5 1		Do.
Louisville	Apr. 16 Feb. 3-Apr. 7 Mar. 13-May 21 Feb. 5-Feb. 22	188 5 1 1		Do.
Louisville	Apr. 16	188 5 1 1		Do.
Louisville Middlesborough Middlesborough New Orleans assachusetts: Greenfield Westfield Lonia Royal Oak ississippi: Basin	Apr. 16	183 5 1 1 1		Do.
Louisville	Apr. 16	183 5 1 1 1		Do. Cases reported.
Louisville Middlesborough Jusiana: New Orleans Assachusetts: Greenfield Green	Apr. 16	188 5 1 1 1 7		
Louisville	Apr. 16	188 5 1 1 1 7 19 4		
Louisville	Apr. 16	188 5 1 1 1 7		

${\it Small pox} \ in \ the \ {\it United States}, \ {\it etc.} -- {\it Continued}.$

Places.	Date.	Cases.	Deaths.	Remarks.
Hasissiani Continued				
Iississippi—Continued. Moss Point	Feb. 15	1		
Ocean Springs				1
Prairie	June 4-June 15.		• • • • • • • • • • • • • • • • • • •	Several cases.
Chat Time	June 4-June 15.		·· ·····	
State Line				
Shubuta, Clark County	May 28-June 18		•••••	1
lew Jersey:				1
Westfield	Mar. 4			Ī
ew Mexico:		- 1		i
Albuquerque and vicinity	Mar. 5-Apr. 1.	14		1
ew York:			i .	
Buffalo	May 21-June 18	1		
Deposit	Nov. 1-Nov. 30	1		i
New York City	May 14-May 21			ł
orth Carolina :		-		
Alamance County	Feb. 18-Feb. 25.	1		i
Asheville				i
	Apr. 14			1
Buncombe County	Apr. 16			į.
Charlotte	Jan. 25-Feb. 12.			l
Clay County	Feb. 15-Feb. 24.			l
Iredell County	May 19-June 2.	9		l
Wilmington	Jan. 12	1		l
Wilson County	May 28	1		l
hio:		-		ļ
Cincinnati	May 5	1		l
	May 5	i		l
Columbus	Apr. 10 Apr. 22.	12		
Fairfield County	Apr. 8-May 11.	12	1	
ennsylvania:			i .	
Dunbar	June 23-July 13	6		
Philadelphia	Apr. 13	2		
outh Carolina:	-		1	
Arkwright	Mar. 25	9		
Beaufort	Jan. 17			Smallpox reported.
Charleston	Apr. 22			DEMINIPOE DOPONO EL
Columbia	Apr. 6-May 2			
Columbia Dyson	Mar. 25			
Greenville	Jan. 17			Do.
	Jan. 17			
Orangeburg	36 05	•••		Do.
Pelham	Mar. 25	20		
Ridge Springs	Mar. 25			-
Rock Hill	Jan. 17		·[]	Do.
Spartanburg	Jan. 17			Do.
Sumter		12		
Swansea	Jan. 15			Do.
ennessee:			!	
Bristol	Mar. 1-Mar. 31	! 1		
Chattanooga				
Cleveland	Apr 1-Apr 30			
Fib Valles	Mor 1-Mor 21	ĭ		
Elk Valley	Mar. 1-Mar. 31	•••		
Huntington (near)	Jan. 1-Jan. 29.		•••••	
Jellico Johnson City	rep. 1-Mar. 31	9		
Johnson City	reb. I-Mar. 31.	13		
KnoxvilleLenoir CityMemphis	Jan. 1-Apr. 30	43	1	
Lenoir City	Jan. 1-Feb. 28	5		
Memphis	Jan. 22-Apr. 30	4		
	July 14	i i		
Mingo mines	Feb 1-May 21	3		
Manieta	Fob 1 Mar. 31	3		
Morristown	red. 1-Mar. 31	6		
Newcomb		3		
Rockford	Mar. 1-Mar. 31	1		
Rutledge	Feb. 1-Apr. 30	: 14		
Shields Ferry	Mar. 1-Mar. 31			
Sprowles	Mar. 1-Mar. 31			
exas:				
	Feb 26	1	; [
Brownsville	Feb. 26			
Columbus	Feb. 2-Apr. 2	30	7	
Irginia:		!		
Colburn	Feb. 1			Do.
Norfolk	Mar. 1-Mar. 10			_
Norton	Feb. 1			Do.
est Virginia:	•			
Rinefield	Feb. 25	5		
Bluefield				
Fayette County	May 6			
Mercer County	May 6			
McDowell County	May 6	12		
isconsin:	•			
Milwaukee	May 19	1		
Oshkosh	Apr. 28	1		

Report of immigration at Boston for the week ended July 16, 1898.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION, Port of Boston, July 16, 1898.

Number of alien immigrants who arrived at this port during the week ended July 16, 1898; also names of vessels and ports from which they came.

Date.	Vessel.	Where from.	No. of im- migrants.
July 10 Do Do	Schooner Nugget	Yarmouth, Nova Scotia Bridgetown, Nova Scotia	178 51 2
Do July 11 Do	Steamship SachemSteamship Brookline	Waterside, New Brunswick Liverpool, England Kingston, Jamaica	1 3 11
July 12 Do Do	Schooner Narcissus	Fox River, Province of Quebec Bridgewater, Nova Scotia	22 1 4
Do July 13 Do Do	Steamship BostonSteamship Megantic	Yarmouth, Nova Scotia London, England	23 7
July 14 Do Do	Steamship Yarmouth Steamship Carinthia	Yarmouth, Nova ScotiaLiverpool, England	23 4
July 15 Do July 16	Steamship Halifax	Halifax, Nova Scotia Yarmouth, Nova Scotia	55 15
Do	Steamship Boston		420

GEORGE B. BILLINGS, Commissioner.

Report of immigration at New York for the week ended July 16, 1898.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION, Port of New York, July 18, 1898.

Number of alien immigrants who arrived at this port during the week ended July 16, 1898; also names of vessels and ports from which they came.

Vessel.	Where from.	No. of immigrants.
Steamship Vega Steamship Maasdam Steamship Mongolian Steamship Noordland Steamship Furnessia. Steamship Hekla Steamship Germanic Steamship Germanic	Lisbon and the Azores	190 2 200 100 100 180 230
	Steamship Vega. Steamship Maasdam Steamship Mongolian Steamship Noordland Steamship Furnessia. Steamship Hekla Steamship Germanic Steamship Bulgaria. Steamship Hesperia	Steamship La Bretagne. Steamship Vega Steamship Masadam Steamship Mongolian Steamship Noordland Steamship Furnessia Steamship Hekla Steamship Germanic Steamship Bulgaria Steamship Bulgaria Steamship Hesperia Steamship Hesperia Hamburg Naples

THOMAS FITCHIE, Commissioner.

Report of immigration at Philadelphia for the week ended July 16, 1898.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION, Port of Philadelphia, July 16, 1898.

Number of alien immigrants who arrived at this port during the week ended July 16, 1898; also names of vessels and ports from which they came.

Date.	Vessel.	Where from.	No. of im- migrants.
July 10 July 11 Do July 12	Steamship Siberian	London	112

JNO. J. S. RODGERS, Commissioner.

QUARANTINE REPORTS.

National quarantine and inspection stations.

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

Remarks. inspected and passed.	No transactions.	3 deaths from yellow fever at Santos; 1 asalior leit in hospital; 1 death at ses; total number of cases not known; probably majority of crew. 1 case—probably yellow fever—at sea, low fever—at sea, low fever—at sea, fever at Para; 2 left
Date of departure.	July 4 July 7 July 18 July 18 July 6 July 6	July 8
Treatment of vessel, passengers, and cargo.	Am. bk. St. Lu- June 23 Rio Brunswick Disinfected and held No transactions Nor. bk. Areola (a) June 27 Nors. bk. Hjert- July 2 Santos do Held for disinfection July 18 July 18 Bahis do do do do Held for disinfection July 18 Br. bk. Copse- June 21 Para Apaiachliola. Disinfected and held July 6 Held. (a) Italia (bk. Catte June 25 Montevideo Ship Island do do do do do do July 4 July 4 Italia (a) June 25 Lorenzo Mar. Pascagoula do do.	December December
Destination.	Brunswick do do Apalachicola Ship Island	Ship Island
Port of departure.	Rio do dantos Bahia Para Montevideo	ques via Bar- bados
Date of arrival.	June 23 July 2 July 15 June 27 June 21 June 22 June 25	June 27 June 28 June 28 July 1
Name of vessel.	Am. bk. St. Lu- June 23 lote. (a) Nor. bk. Areola (a) June 27 lote. bk. Hjert- July 2 for do. Cesine July 15 left- bk. Copse- June 21 lifeld. (a) lote. Cetter June 25 lifeld. (b) Lumb. Counter June 25 lifeld. (b) Lumb. June 25 lifeld. (c) June 25 lifeld. (d) Lumb. June 25 lifeld.	Nor. 8. Constance. (a) Stance. (a) Str. bk. Hellons (a) June 27 Am. 8c. Hilder Williams. (a) Dutch 8. Thomas Hilyard. (a) Hilyard. (b) Br. 8s. Lochiel (a) do
Week ended.	July 9 July 16 July 16 July 16 July 2 July 2 July 6 July 9	
Name of station.	Alexandria, Va	

					, es			
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	***************************************		No transactions				No transactions	op
July 7	:							
Am. so. Henrietta July 2 Vera Cruz Pascagouls Disinfected and held July 7	7 Vera Cruz via Ship Islanddodo	Alexical pair (Mobile				South Atlantic Quarantial July 9 times Block and Block a		Washington, N.C. July 16 do
Pascagoula	Ship Island	Mobile						
Vera Cruz	Vera Cruz via	Rio via Port Castries and Port Eades.						
July 2	-	6						
	•	Br. 88. Gambia July						
July 9			July 16	July 9	July 9	July 9	July 9	July 9 July 16
Gulf Quarantine, Ship July 9	Jeiwiiu, miss.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Newbern, N. C.	PortTownsend, Wash	San Diego, Cal	South Atlantic Quaran-	land, Ga. Tortugas Quarantine,	Washington, N. C

a Previously reported.

QUABANTINE REPORTS-Continued.

State and municipal quarantine stations.

Jours are men remercifier quaraness securions. [Vessels named only when detained or given treatment at quarantine.]

Vessels inspected and passed.	1		16	6	111
Remarks.	No report.	No report.	No transactions	No report. 9 No report. 9	July 11 No report. 2 July 14 11 July 14 11
Date of depar- ture.			•		July 11 July 14 July 16
Treatment of vessel, passens, and cargo.		Remanded to Mullet Key for disinfection and de-	tention.		Held for observation. No transactions. No transactions. Held for observation. July 14 Ballast discharged; vessel July 14 Hungated and held. July 16 Hungated and held. July 17 Hungated and held. July 18 Hungated and held. July 19 Hungated and held.
Destination.	,				Rio via Per- Savannah naubucododododododo
Port of departure.		Manzanillo Captured			Rio via Per-Savannah nambuco Pernambucodo dodo
Date of arrival.					June 28 July 6 July 9 July 15
Name of vessel.		Br. ss. Bonita Estranjero.			Port. bk. Ade- June 28 Bio via Per- Savannah Nor. bk Sonora(a) July 6 Pernambuco Nor. bk. Alexan- July 9 do d
Week ended.		July 9 July 18 July 9	do July 16	July 16 July 16	July 9 July 16
Name of station.	Anolote, Fla. Apalachicola, Fla. Bangtinore, Md. Bangton, Messes Boston, Masses Carrabelle, Fla. Cedar Keys, Fla.	Charlotte Harbor, N. C. July 9 Blisabeth River, Va July 18 Galveston, Ter. Gardiner, Oreg. Georgetown, S. C. Key West, Monroe Co., July 9	Mayport, Fla	Newport News, va., July 16 New York, N. Y. New York, N. Y. Pott Royal, S. C. Providence, R. I., July 16	St. Helena Entrance, S.C. San Pedro, Cal. Savannah, Ga

8	•		
	•		-
July 9		July 9	
De Bg. Amapala, June 30 Habana Key West Disinfected and held July 9	Brancher July 4 Barbados Apalachicoladodo	U. S. transport July 9 South side of Port Tampa Disinfected and passed July 9	
Key West	Apalachicola	Port Tampa	
Habana	Barbados	South side of Cuba.	
June 30	July 4	July 9	
Sp. bg. Amapala,	Br. bk. West-	U. S. transport Iroquois.	
July 9			
Tampa Bay, Fla July 9			

a Previously reported.

Reports of States and yearly and monthly reports of cities.

CALIFORNIA—Los Angeles.—Month of June, 1898. Estimated population, 103,000. Total number of deaths, 126, including enteric fever, 2, and 24 from phthisis pulmonalis.

Oakland.—Month of June, 1898. Estimated population, 75,000. Total number of deaths, 55, including diphtheria, 1, and 8 from phthisis pulmonalis.

Sacramento.—Month of June, 1898. Estimated population, 30,000. Total number of deaths, 47, including diphtheria, 2; enteric fever, 4, and 4 from phthisis pulmonalis.

CONNECTICUT.—Reports to the State board of health, for the month of June, 1898, from 168 towns, having an estimated population of 893,060, show a total of 984 deaths, including diphtheria, 16; enteric fever, 4; measles, 6; scarlet fever, 3; whooping cough, 15, and 94 from phthisis pulmonalis.

Hartford.—Month of June, 1898. Estimated population, 72,000. Total number of deaths, 82, including diphtheria, 2; scarlet fever, 1, and 8 from phthisis pulmonalis.

ILLINOIS—Chicago.—Month of June, 1898. Estimated population, 1,750,000. Total number of deaths, 1,581, including diphtheria, 30; enteric fever, 35; measles, 5; scarlet fever, 6; whooping cough, 20, and 218 from phthisis pulmonalis.

Iowa—Davenport.—Month of June, 1898. Estimated population, 36,000. Total number of deaths, 28, including 4 from phthisis pulmonalis.

MAINE—Portland.—Four weeks ended June 11, 1898. Population, 41,500. Total number of deaths, 45, including diphtheria, 2; enteric fever, 2; whooping cough, 1, and 4 from phthisis pulmonalis.

MICHIGAN.—Reports to the State board of health, Lausing, from 76 observers for the week ended July 9 indicate that intermittent fever, remittent fever, inflammation of kidney, bronchitis, and measles increased, and phthisis pulmonalis decreased in area of prevalence. Phthisis pulmonalis was reported present at 178, measles at 42, diphtheria at 23, scarlet fever at 19, enteric fever at 16, and whooping cough at 10 places.

MINNESOTA—Duluth.—Month of June, 1898. Estimated population, 60,000. Total number of deaths, 45, including measles, 7, and 5 from phthisis pulmonalis.

NEW HAMPSHIRE—Concord.—Month of June, 1898. Estimated population, 18,000. Total number of deaths, 17, including measles, 1, and 2 from phthisis pulmonalis.

Manchester.—Month of June, 1898. Estimated population, 60,000. Total number of deaths, 57, including enteric fever, 1, and 7 from phthisis pulmonalis.

NEW YORK-Auburn.-Month of June, 1898. Estimated population,

761 July 22, 1898

30,000. Total number of deaths, 19, including 3 from phthisis pulmonalis.

Yonkers.—Month of June, 1898. Estimated population, 42,000. Total number of deaths, 66, including diphtheria, 5; enteric fever, 1, and 9 from phthisis pulmonalis.

OHIO—Columbus.—Month of June, 1898. Estimated population, 135,000. Total number of deaths, 72, including 2 from phthisis pulmonalis.

Washington—Seattle.—Month of June, 1898. Estimated population, 70,000. Total number of deaths, 61, including diphtheria, 5; enteric fever, 2; measles, 2; scarlet fever, 1, and 5 from phthisis pulmonalis.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

		U. S.	fron .					Dea	ths	fron	ı—			
Cities.	Week ended.	Population, U Census of 18	Total deaths fall causes.	Phthisis pul-	Yellow fever.	Smallbox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever	Diphtheria.	Messies	Whooping
Ashtabula, Ohio Binghamton, N. Y	July 16	8, 338	5	1					.					
Hoston Mass	do	35,005 448,477	12 192	1 34	••••		••••••	· ····		i			·····	
Bucyrus, Ohio Cambridge, Mass Carlisle, Pa	July 9	5, 974	2	ļ										
Cambridge, Mass Carlisle, Pa	July 16 July 9	70,028 7,620	21 3	2								•	••••••	
Chicago, III	July 16	1 000 850	381	87						. 16			4	i a
Cincinnati, Ohio	July 15	296, 908 261, 353	117	13 5		· ····			•	. 8		. 2	••••	:: ;i
Columbus, Ohio	July 15	88, 150 17, 044	83	5								. 1		:
Dayton, Ohio	July 16	17,044 61,220	24	3	• ••••	·-		• ••••	· ·····	· ····	-		•	
Denver, Colo	July 2	106, 718	51	11										. 1
Dayton, Ohio	July 9	6, 149 9, 416	3		· ····	· ····		•	·	· ····	· ····		·	
Erie, Pa	do	40, 684	9											
Do	July 16	40, 684 11, 068	10	1 1		· ····		·		·	. 1	j		·· ·····
Fitchburg, Mass	do	22, 087 60, 278	7							1			1	
Green Rev Wie	July 10	60, 278	11 3	2		.		ļ	ļ	·	· ····	· ····		
Jersey City, N. J Johnstown, Pa Kalamazoo, Mich Lancaster, Pa	July 9 July 10	9, 069 163, 003	109	9				 	1		. 2			. 3
Johnstown, Pa	July 16	21,805	6 3			.								
Lancaster, Pa	do	17, 853 82, 011	16		1					i i				
Lowell, Mass	do	77,696	49	3	•••••					1	••••	. 1		
Lynchburg, Va	do	77, 696 19, 709	15	8					•••••					1
McKeesport, Pa	July 9	20,741 44,126	21									1		
Massillon, Ohio	July 16	10, 092	23 1	2	•••••				•••••			1	ļ	
Do	July 16	10,092	8											
Massillon, Ohio Do Medford, Mass Memphis, Tenn	do	11,079 64,495	3 19	1	•••••				·····	·····	ļ	·	ļ	· ·····
Michigan City, Ind	do	64, 495 10, 776	3	1										
Michigan City, Ind Milwaukee, Wis Minneapolis, Minn	July 9	204, 468 164, 738	53 41	7	•••••	•••••		•••••	•••••	1		1 2		. 2
Nashville, Tenn New Bedford, Mass	July 16	76, 168	29 22	5					•••••	ļ				
New Orleans La	Inl u 0	40, 733 242, 039	125	1 17	•••••	ļ		•••••	•••••	5		1	ļ	i
Newport, R. I	July 16	19, 457	8		•••••				•••••					1
North Adams Mass	do	2, 502, 865 16, 074	1,419	184	•••••				•••••	4	11	23	10	85
Oakland, Cal	June 11	46, 682	17	1	•••••				•••••	2				
Do	Tune 18	46, 682 46, 682	14 13	2 3	•••••	•••••			•••••	1		1		
Do	July 2	46,682	10	î		•••••			•••••	1	•••••	•••••	•••••	
Do	July 16	6, 272 22, 680	5 3	•••••	•••••	•••••	·····	•••••	•••••	1	•••••	•••••	•••••	
Philadelphia, Pa	July 16	1,046,964	493	27	•••••	•••••				5		14	•••••	1
Pittsburg, Pa	July 9	238, 617 36, 425	157 14	7	•••••	•••••		•••••		2	1	1	2	6
Providence, R. I	July 16	132, 146	54	5									•••••	2
Sait Lake City, Utah	July 9	44, 843 16, 159	12	1				•••••					•••••	
San Jose, Cal	July 9	18,060	8	i						•••••			•••••	
San Jose, Cal Sault Ste. Marie, Mich Spokane, Wash	do	5,760	4 7	1										
Taunton, Mass	do	19,922 - 25,448	5	"i					·····					*****
Taunton, Mass	July 16	25, 448	8 (•••••
Washington, D. C	July 9	5, 978 280, 392	183	14		•••••				7		8		i
Winone Winn	uly 16	61,431	188 26	2									1	
		18, 208 84, 655	6 21	2					••••			1		•••••
D-	Inly 8	84,655	36	5			[•••••	-		•••••
Vonters N V	uly 8	02,000			*****	••••••	••••••	••••••	*****					
Yonkers, N. Y Youngstown, Ohio	uly 15 uly 9	82, 083 83, 220	12	2 .					••••			ï		1

Table of temperature and rainfall, week ended July 18, 1898.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temp	erature ir Fahrenhe		Rainfall in inches and hundredths.				
	Normal.	aExcess.	aDefic'ncy.	Normal.	Excess.	Deficiency		
Atlantic Coast:					!			
Eastport, Me	61		. 1	. 91		.61		
Portland, Me	69		. 3	. 80	.00			
Northfield, Vt Boston, Mass	65		. 3	. 68		.68		
Vineward Harry Mass	72 71		4	.77 .63	1.53			
Vineyard Haven, Mass Nantucket, Mass			i	.49	2.37 .01	***************************************		
Woods Hole, Mass. Block Island, R. I New Haven, Conn. Albany, N. Y New York, N. Y	69		i	.70	2.70			
Block Island, R. I	69		3	.70	5.50			
New Haven, Conn	72		. 2	1,15	.95			
Albany, N. Y	73		1	.91		.91		
New York, N. Y	74		. 2	.98	1.02			
Harrisburg, Pa Philadelphia, Pa	10	8	1	.98	•••••	.94		
New Rrunswick N I	73		i	1.13	.07	. 2		
New Brunswick, N. J Atlantic City, N. J Baltimore, Md	73		3	.77	.43			
Baltimore, Md	78		. 2	1.12		1.12		
Washington, D. C Lynchburg, Va	78		. 2	1.05		.90		
Lynchburg, Va	79		5	. 89	2.21	···· <u>·</u>		
			1	1.28	•••••	.70		
Norfolk, Va	80		4	1.38		.25		
Norfolk, Va	79 78	ļ	5 2	1.26 1.77	.23	.40		
Kittyhawk, N. C	79		3	1.30	.20	.80		
Hatteras N. C.	78		2	1.47		. ĩĩ		
Hatteras, N. C	80		4	1.64		.04		
Columbia, S. C	82		4	1.25	. 45			
Charleston, S. C	83		3	1.72	2.28	·····		
Augusta, Ga Savannah, Ga	82	ļ	4	1.19	3.11			
Savannah, Ga	83	·····	5	1.21	3.19			
Jacksonville, Fla	83 80		2 0	1.47 1.02	4.07 2.18	•••••••		
Jupiter, Fla	84		2	.84	.76			
lulf States:			-					
Atlanta, Ga	79		3	.98	. 22			
Tampa, Fla	82		2	2.22	2.68			
Pensacola, Fla	81		3	1.47		1.07		
Mobile, Ala	82 83	ļ	4 7	1.47 1.05	. 23 . 35	••••••		
Montgomery, Ala Vicksburg, Miss	82	•••••	6	1.05	. 30	. 35		
New Orleans, La	83		3	1.47	.33			
Shrevenort La	83		3 5	. 84		.04		
Fort Smith Ark	81		5	1.03		.83		
Little Rock, Ark	81		5	.91		. 91		
Palestine, Tex	82		4	.59		.59		
Galveston, Tex	84	•••••	2 4	. 59	.71	. 45		
San Antonio, Tex	84 82	•••••	2	. 45 . 23		. 13		
Corpus Christi, Tex hio Valley and Tennessee:	02	••••••		.20				
Memphis. Tenn	82		6	.77		. 67		
Memphis, Tenn Nashville, Tenn	80		4	.98		. 38		
Chattanooga, Tenn Knoxville, Tenn	79		3	.87	.83			
Knoxville, Tenn	77		1	.98		.48		
LANISVILLE KV	79		1	.84 .98		. 44 . 88		
Indianapolis, Ind Cincinnati, Ohio Columbus, Ohio	77 78	••••••	1	.77	.03	.00		
Columbus Objo	76	•••••	2 0	:71	.00	. 81		
Parkersburg, W. Va	74	•••••	ŏ	.98		.78		
Pittsburg, Pa	75		1	1.19		. 69		
ake Region .			. 1		- 1			
Oswego, N. Y	69	••••••	1'	.70		.70		
Oswego, N. Y	71	2	1	.70 .70	••••••	. 70 . 70		
Erie, Pa	70 72	z	0	.58		.88		
Cleveland Ohio	78	***************************************	i l	.77		.27		
Sandusky, Ohio	74		ō	. 70	1.70			
Sandusky, Ohio	7 <u>4</u> 74		ŏ	. 69	.01			
Detroit, Mich	78	1		.77		. 67		
Lansing, Mich	72		0	.76		. 36		
Port Huron, Mich	69	1		.49		. 49 . 63		
Alpens, Mich	66 68	4		. 63 . 70		.30		
Sault Ste. Marie, Mich	66	5 4		.70	.20			
	•			.67	. 200			

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

Table of temperature and rainfall, week ended July 18, 1898—Continued.

Locality.	Temp	Fahrenh		Rainfall in inches and hundredths.				
	Normal	a Excess	aDefic'ncy.	Normal	Excess.	Deficiency		
Lake Region—Continued.								
Grand Haven, Mich	70		. 0	. 63	İ			
Milwaukee Wis	70	2	1	.70				
Chicago, Ill	73	1		.77				
Chicago, Ill	66	4		.84				
Jpper Mississippi Valley:	İ							
St. Paul, Minn	72	4		.77		5		
La Crosse, Wis	74	2		.91				
La Crosse, Wis Dubuque, Iowa Davenport, Iowa	75	· 1		.97		<u> </u>		
Day Moines Town	76		. 0	. 84		· . <u>8</u>		
Des Moines, Iowa Keokuk, Iowa	75 78	••••••	1	.77		1 .3		
Hannibal, Mo	78	***************************************	0 2	.91 .91				
Springfield III	77		í	.60		· •§		
Cairo, Ill	80		1 4	.77				
St. Louis. Mo	80		1 4	.84	***************************************			
issouri Valley:	•		•	.01		• • •		
Columbia, Mo	78		4	1.16		1.0		
Springfield, Mo	77		5	1.12		1.0		
Kansas City, Mo	79		8	. 92		1.9		
Kansas City, Mo Topeka, Kans	79		5	1.19		1.1		
W 100114. K.808	80		6	. 65				
Concordia, Kans	79		5	.70		.7		
Lincoln, NebrOmaha, Nebr	78		4	. 91		. 9		
Omaha, Nebr	77		1	1.07		.9		
Sioux City, Iowa Yankton, S. Dak	76		2	.77		. е		
Yankton, S. Dak	74	· 2		. 89		.8		
Valentine, Nebr	73	3		. 56		.5		
Huron, S. Dak	70	4		. 70		.6		
Pierre, S. Dak	75	7 7 9		. 49		.0		
Moorhead, Minn	67	7		. 91		.7		
Bismarck, N. Dak	69			. 55		.5		
Williston, N. Dak	68	8		. 46		.3		
ocky Mountain Region:		_		40		_		
Havre, Mont	66	8		. 49	• - • • • • • • • • • • • • • • • • • •	.2		
Helena, Mont	67	1	••••••	.23	•••••	.00		
Panid City, Molt	74	4		.28		.1		
Rapid City, S. Dak Spokane, Wash Wallawalla, Wash	71 69	3 1	•••••	.35 .17	. 15 . 23	***************************************		
Wellewelle Wesh	74	1	2	.17	.13	••••••		
Baker City, Oreg	66	2	2	.07 .14				
Winnemucca Nev	72		0	.04	•••••	.0		
Winnemucca, Nev	68	2	U	.10	90	.0		
Salt Lake City, Utah	75	î	***************************************	.08	. 80 . 02	••••••		
Lander, Wyo	69	i	•••••	.18	. 22	•••••••••		
Cheyenne, Wyo	68	•	0	.42	.58	••••••		
North Platte Nehr	74	*******************************	2	.63	.00	. 65		
Denver, Colo	72		õ	.42	***************************************	.3		
Pueblo, Colo	75		š	.51	••••	. <u>4</u>		
Dodge City, Kans	79		7	.70		.70		
Denver, Colo	80		6	1.00		1.0		
Amarillo, Tex	78		8	.44		.3		
Ahilene Tow	84		8	.30		.20		
Santa Fe, N. Mex	69		5	.64	.56			
El Paso, Tex	82		6	. 53		.33		
FIGHIX, AFIZ	90	2		.19		.19		
cific Coast:			1	1	1			
Seattle, Wash	63		1	. 21		.01		
Tacoma, Wash	62		0	. 19	.01			
Fort Canby, Wash	59		1	.21	. 29			
Portland, Oreg	66		2	.14	. 26			
Roseburg, Oreg	66 .	•••••	2	.08		.00		
Eureka, Cal	56 .	••••••	0	.03		.00		
Redbluff, Cal	82		0	.00		.00		
Carson City, Nev	68	2				.06		
Sacramento, Cal	74	•••••	0	.00		.00 .00 .00		
San Francisco, Cal	58 83	••••••	2	.00	•••••	.00		
Sen Luis Obieno Cal	65		1	.00		.00		
Fresno, Cal	69	1	••••••	.00		.00		
San Diego, Cal	67	3		.00		.00		
Yuma, Ariz	92	2 .	1	.00		.00 .01		
		Z 1.		. 400		O1		

 $[\]alpha$ 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 July 22, 1898.

CHOLERA.

Places.		Date.		Cases.	Deaths.	Remarks.
China : Hongkong	Apr.	24-Apr.	30 .	5	3	
Bombay	Dec. Mar.	24-Nov. 1-Mar. 2-Mar. 30-May	1 29		. 55 . 11	
Calcutta	June Nov. Dec. Jan.	1-June 14-Dec. 5-Jan. 2-Jan.	7 4 1 29		. 42 . 31 . 28	
Madras	Feb. Mar.		26 4 10 31		. 95 257 8 11	
Singapore	May Nov. Dec.	29-June 28-June 1-Nov. 1-Dec. 1-Mar.	3 30 31		1	
apan : Hiogo Kanagawa Ken		19–June 24–June			1 7	
Okayama Osaka and Hiogo	Apr. Mar.	29-May 26-June 21-May	19 11		2	
Tokyo FuYokohama	Apr.	11-June 15-Apr	15	14	4	

YELLOW FEVER.

Brazil:					1	
Araraguara	Mar.	l-Mar.	. 31	. 4	3	1
Bahia		27		3	2	
		29		6		Taken off of Nor. bk. Adonis.
	May				8	
Ceara		1-Nov			l ĭ	•
Jaboticabal	Mor	1-Mar.			16	
Para	Dec	12-Jan				•
E #14	Jan.					
		16-Feb.				
		15				
Dille Jan - Danilla		1-Mar			22	
Ribeirao Bonito					22	
Rio Clara		l-Mar.			2	
Rio de Janeiro		21-Dec.		1	ļ	
	Dec.				3	
		l-Jan.			17	
		30-June			872	
Sao Carlos de Pinhal	Feb.	28-Mar.	31	223	58	Yellow fever reported.
	May	24				Yellow fever reported epidemic.
Santos			8	1	1	_
	Jan.	23-Jan.	29	3		
		80-Feb.		21	3	·
		1-Mar.		32	13	
		3-May			97	
Sao Paulo	Feb.	1-Mar.		4	3	
Victoria		29-May		â	2	•
Costa Rica:	Apr.	as-May	10		•	
Port Limon	Toma	15				Yellow fever reported.
	Jane	10	•••••	***********		I chow level reported.
	1				1	
Colombia : Colon	T	6				Sporadic cases of yellow fever

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

Places.	Date.			Cases.	Deaths	Remarks.
Cuba:						
Cienfuegos Habana	Dec.	20-Jan.	2		. 2	No reports received since hostil
	Jan.	3-Jan.	23		. 1	ities with Spain began.
Habana	Dec.	17-Dec. 31-Jan.	27	•••••	6	Do.
	Jan.	28-Feb.	17		. 8	
		4-Mar.				
Manzanillo	Dec.	1-Dec.	31		28	No reports received since hostili
	Jan.	1-Jan.	81		9	ties with Spain began.
Matanzas	Ped.	14-Feb.	28		8 4	Do.
Macanzas	Feb.	9-Feb.	23		2	D0.
Regla	Dec.	15-Jan. 9-Feb. 31-Feb. 1-Mar.	28		7	Do.
•	Mar.	1-Mar.	24		2	1
Sagua la Grande	Dec.	18-Jan.	20			A few cases of yellow fever, bu impossible to obtain statistics No reports received since hostil
Santiago de Cuba	Dec.	19-Jan.	29		6	ities with Spain began. No reports received since hostil ities with Spain began.
Jamaica :	1				1	10.00 with Spain bogain.
Winanton	Dec. 1	9-Jan.	1	1	1	-
-	Jan.	2-Jan.	31	2		
Ot to duam	Feb.	5-Feb.	19	2	1	
St. Andrew	Feb.	27_Mar	j	1	1	
St. Catherine	Dec. 1	9-Jan.	1	î		
St. Andrew	Dec. 1	9-Jan.	1	1	1	
Vera Cruz	July 9		•••••			1 case reported.
Santo Domingo: Santo Domingo	Mon	7_Mov	14	1	1	
San Salvador	June	4-June	18	25	5	Yellow fever reported.
West Indies:	1					-
Curacoa	June	4		10	1	On H. M. S. Atkmaar. Patients
				GUE.		taken to quarantine hospital.
Arabia:]	PLA	GUE.		taken to quarantine hospital.
Arabia : Djiddah	Mar.	22-Apr.	PLA.	GUE.	34	taken to quarantine hospital.
Arabia : Djiddah Nuslah	Mar.]	PLA.	GUE.		taken to quarantine hospital.
Arabia : Djiddah Nuslah	Mar. Mar. June	22-Apr. 1-Mar.	PLA 16 25	GUE.	34	taken to quarantine hospital.
Arabia: Djiddah	Mar. Mar. June	22-Apr. 1-Mar.	16 25	GUE.	34	
Arabia : Djiddah Nuslah	Mar. Mar. June	22-Apr. 1-Mar.	16 25	GUE.	34	
Arabia: Djiddah	Mar. Mar. Mar. Mar. Mar. Mar. Dec.	22-Apr. 1-Mar. 11 22-Apr. 7-Nov. 18-Jan.	16 25 5 20	GUE. 1 10 2 2	34	
Arabia: Djiddah	Mar. Mar. June Mar. Nov. Dec. Jan. Jan.	22-Apr. 1-Mar. 1122-Apr. 7-Nov. 18-Jan. 20-Jan.	16 25 5 20 1 29 26	GUE. 1 10 2 2 6 64	34	
Arabia: Djiddah	Mar. June I Mar. S Nov. Dec. J Jan. Jan. S Feb. 2	22-Apr. 1-Mar. 11	16 25 5 20 1 29 26 80	10 2 2 6 64 596	34 2 2 5 56 529	
Arabia : Djiddah	Mar. Mar. Mar. Mar. Mar. Mar. Mar. Mar.	22-Apr. 1-Mar. 1122-Apr. 7-Nov. 18-Jan. 30-Feb. 77-Apr. 10-May	16 25 5 20 1 29 26 80 28	10 22 26 64 596 518	34 2 2 5 5 5 5 5 529 443	Plague reported.
Arabia: Djiddah	Mar. Mar. June Mar. Nov. Dec. Jan. Jan. Apr. 3	22-Apr. 1-Mar. 11 7-Nov. 18-Jan. 22-Jan. 30-Feb. 7-Apr. 90-May	16 25 5 20 1 29 30 28	10 2 2 6 64 596 518	34 2 2 2 5 56 529 443	Plague reported.
Arabia: Djiddah	Mar. Mar. Mar. Mar. Nov. Dec. Jan. Jan. Feb. Apr. Mar. Apr. Apr. Mar. Apr. Mar. Apr. Mar. Mar. Mar. Mar. Mar. Mar. Mar. Ma	22-Apr. 1-Mar. 11	16 25 5 20 1 29 28 28	1 10 2 2 6 6 64 596 518	2 2 2 5 5 5 5 5 5 529 443	Plague reported. Do. Do.
Arabia: Djiddah	Mar. Mar. June 1 Nov. Dec. 1 Jan. Jan. Jan. Apr. Apr.	22-Apr. 1-Mar. 11	16 25 5 29 29 28	10 2 2 6 64 596 518	2 2 2 5 56 529 443	Plague reported. Do. Do. On ss. Glenturret, in quarantine.
Arabia: Djiddah	Mar. Mar. Mar. Mar. Mar. Mar. Mar. Mar.	22-Apr. 1-Mar. 11	16 25 5 29 29 28	10 2 2 6 64 596 518	2 2 2 5 56 529 443	Plague reported. Do. Do.
Arabia: Djiddah	Mar. Mar. Mar. Mar. Mar. Jan. Jan. Jan. Apr. Mar. Apr. May	22-Apr. 1-Mar. 11	16 25 5 20 1 29 26 30 30	10 2 2 6 6 4 596 518	34 2 2 5 5 5 5 529 443	Plague reported. Do. Do. On ss. Glenturret, in quarantine.
Arabia: Djiddah	Mar. Mar. Mar. Mar. Mar. Jan. Jan. Jan. Apr. Mar. Apr. May	22-Apr. 1-Mar. 11	16 25 5 20 1 29 26 30 30	10 2 2 6 6 4 596 518	34 2 2 5 5 5 5 529 443	Plague reported. Do. Do. On ss. Glenturret, in quarantine.
Arabia: Djiddah	Mar. Mar. June Mar. Mar. Sov. Dec. Jan. Jan. Apr. Mar. May	22-Apr. 1-Mar. 11	16 25 5 220 29 28 30 8	10 2 2 6 6 64 596 518	34 2 2 5 5 5 5 5 5 5 4 43 7 7 4,833 8,348	Plague reported. Do. Do. On ss. Glenturret, in quarantine.
Arabia: Djiddah	Mar. Mar. June Mar. Nov. Dec. Jan. Apr. 3 Mar. Apr. 2 May Nov. 5 Feb. Mar. Mar. Mar. Mar. Mar. Mar. Mar. Mar	22-Apr. 1-Mar. 11	16 25 5 29 29 28 30 8 1 29 29 29 29	10 2 2 6 64 596 518	34 2 2 5 56 529 443 70 4,833 3,438 4,579	Plague reported. Do. Do. On ss. Glenturret, in quarantine.
Arabia: Djiddah	Mar. Mar. June Mar. Mar. Dec. Jan. Jan. Jan. Apr. Apr. Apr. Apr. Apr. May	22-Apr. 1-Mar. 11	16 25 5 20 1 29 28 30 30 8 1 29	1 10 2 2 6 6 64 596 518	34 2 2 5 56 529 443 70 4 833 3,436 4 579 2 731	Plague reported. Do. Do. On ss. Glenturret, in quarantine.
Arabia: Djiddah	Mar. Mar. June Mar. Mar. Mar. June Jan. Jan. Jan. Jan. Apr. Apr. Mar. Mar. May	22-Apr. 1-Mar. 11	16 25 5 29 28 30 1 29 1 1 1 1 1	1 10 2 2 6 6 64 596 518	34 2 2 5 56 529 443 70 4 833 3,436 4 579 2 731	Plague reported. Do. Do. On ss. Glenturret, in quarantine. 1 case plague on ss. Mahale. Plague reported. "Sporadic."
Arabia: Djiddah	Mar. Mar. I Mar. I Mar. I Mar. I Mar. I Mar. I Mar. I Mar. I Mar. I Mar. I Mar. I May. I May. I May. I May. I May. I May. I Mar.	22-Apr. 1-Mar. 11	16 5 29 28 28 30 30 30 4	GUE. 10 2 2 6 64 596 518	34 2 2 5 56 529 443 70 4 833 3,4379 2,731 26 12	Plague reported. Do. Do. On ss. Glenturret, in quarantine. 1 case plague on ss. Mahale. Plague reported. "Sporadic."
Arabia: Djiddah	Mar. Mar. June Mar. Mar. Jan. Jan. Jan. Jan. Apr. Apr. Apr. Apr. Apr. Apr. May Nov. 2 Dec. Feb. Mar. Mar. Mar. Mar. Mar. Mar. Mar. Mar	22-Apr. 1-Mar. 11	16	GUE. 1 10 2 2 64 596 518 25	70 4,833 8,436 4,5731 26 12	Plague reported. Do. Do. On ss. Glenturret, in quarantine. 1 case plague on ss. Mahale. Plague reported. "Sporadic."
Arabia: Djiddah	Mar. Mar. June Mar. Mar. Jan. Jan. Jan. Jan. Apr. Apr. Apr. Apr. Apr. Apr. May Nov. 2 Dec. Feb. Mar. Mar. Mar. Mar. Mar. Mar. Mar. Mar	22-Apr. 1-Mar. 11	16	GUE. 10 2 2 6 64 5918	34 2 2 5 56 529 443 	Plague reported. Do. Do. On ss. Glenturret, in quarantine. 1 case plague on ss. Mahale. Plague reported. "Sporadic."
Arabia: Djiddah	Mar. Mar. June Mar. Sov. 2 Jan. Jan. Sov. 2 Jan. Apr. Apr. Apr. May Nov. 2 Dec. Feb. Mar. 3 June Apr. 2 May 2 Dec. Mar. 2 June Apr. 2 May 2 Dec. 2 May 2 May 2 Dec. 2 May 2 May 2 Dec. 2 May 2 M	22-Apr. 1-Mar. 11	PLA 16 25 5 20 1 30 30 1 29 1 229 1 228 228 228	GUE. 10 22 64 596 518	34 2 2 5 56 529 443 3, 438 4, 579 22, 731 26 12 1 1 84	Plague reported. Do. Do. On ss. Glenturret, in quarantine. 1 case plague on ss. Mahale. Plague reported. "Sporadic."
Arabia: Djiddah	Mar. Mar. June Mar. Nov. Dec. Jan. Jan. Apr. Apr. May Nov. Feb. Mar. June Apr. May Dec. Apr. 2	22-Apr. 1-Mar. 11	5 29 30 8 29 17 4 4 28 28 28 28 28 28 4	GUE. 10 2 2 6 64 596 518	34 2 2 5 56 529 443 3,4379 4,579 2,731 11 11 84 1,483	Plague reported. Do. Do. On ss. Glenturret, in quarantine. 1 case plague on ss. Mahale. Plague reported. "Sporadic."
Arabia: Djiddah	Mar. Mar. June Mar. Jan. Jan. Jan. Apr. Apr. Apr. Apr. May Nov. Dec. Feb. Mar. June Apr. May Dec. Jan. May May May May May May May May May May	22-Apr. 1-Mar. 11	PLA 16 25 5 29 29 28 30 8 1 4 4 4 5 28 115	GUE. 10 22 64 596 518	34 2 2 5 56 529 443 3, 438 4, 579 2, 731 26 12	Do. Do. On ss. Glenturret, in quarantine. 1 case plague on ss. Mahale. Plague reported. "Sporadic." May 28. In quarantine on steamship Peru.
Swatow Macao Shanghai Bombay Calcutta Gapan: Hiogo Gaska and Hiogo Taiwan, Formosa Formosa Ports (Taipeh-Tainan, and Taiwan.) Yokohama	Mar. Mar. June Mar. Jan. Jan. Jan. Jan. Apr. Apr. Apr. May May May May June Apr. Mar. June May June Apr. Mar. June May June Apr. Mar. June	22-Apr. 1-Mar. 11	16 25 5 220 1 220 30 28 1 14 4 4 5 228 15 11 15	GUE. 10 22 64 596 518 25 1 1 505 2,338 2	70 4,833 8,436 4,5731 26 12 1 1 1,483 1,483	Plague reported. Do. Do. On ss. Glenturret, in quarantine. 1 case plague on ss. Mahale. Plague reported. "Sporadic."

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

SMALLPOX.

Places.	I	Date.		Cases.	Deaths.	Remarks.
Belgium: Antwerp Brussels	May June 4 June May	i-June 4-June	11 11	3	2 1 1	
Bohemia: Prague	Dec. 1 Jan. 2	2-Jan. 2-May	1 14	11 151		
British Columbia : Victoria	June 1 May 9			5 1		
Brazil: Ceara Montevideo	May 14	4-May	21	1	10	
Pernambuco	Dec. Apr. 1 Nov. 2	1-Dec. 5-Apr. 1-Dec.	25 23 4	10	1	
Sao Paulo	Apr. 18 Nov. 2 Dec. Jan. Feb	5-Jan. l-Apr. l-Mar.	31	9 2 40 32	1 1 13 10	
Sorocaba British Columbia: Vancouver Canada:	Dec. 1 June 1			9		
HalifaxMaissonneuve	Jan. 26 Jan. 3	6-Feb. 3-Jan.	16 12	3	0	
China: Hongkong	Nov. 7 Dec. 5 Jan. 2	l-Feb. 7-Dec. 5-Jan.	16 4 1	6	4 8 113	
Cuba : Cardenas	May 1	l-May	14		4	
Cienfuegos	Dec. 19 Mar. (Dec. 20 Jan. Feb. 7	3-Jan.	23		19	
Habana Matanzas	Feb. 28 Dec. 13 Jan. 20	8–Apr. 7–Apr. 9–Feb.	3 7 23		9 154 8	
Regla Sagua la Grande	Feb. 19 Dec. 19 Jan. 30	8–Apr. 9–Jan. 9–Feb.	7 29 26	233 470	3 29 35	
England: Bristol	Feb. 2	_		437 1	26	
LeedsLiverpool	Feb. 1 Mar. 19 Jan. 18 Feb. 1	-Apr. 5-Jan. 1-Apr.	29 29	6 3 6 4	4	
Middlesborough	June 4 Feb. 9	-June	25	1 90 13	1	
Newcastle on TyneSouthamptonSouth ShieldsSunderland	Mar. 19 Jan. 8 May 7	For June Feb. May	12 14	13 2 1 1	2	
_ West Hartlepool	Feb. 27 June 11 Jan. 9	/-Mar. l-June	26 18	4 1 5		
France: Marseilles	May 1			1	1	
BremenHamburg	Apr. 23 Mar. 6 Dec. 6	-Mar.	12	2 2 1		
ndia: Bombay	Dec. 27 Feb. 9	-Apr. May	3 24	6	32	
Calcutta	Dec. 19 Jan. 30 Nov. 27	Dec.	25 28		56 1	
1	Dec. 4 Jan. 1 Jan. 29 Feb. 5				3 6	

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

Places.		Date.		Cases.	Deaths	Remarks.
India—Continued.						
Madras	Apr.	30-May	20		. 12	·
Ginannana	May	20-May 1-Mar	7 27	••••••	2	
Singapore [taly:	Mar.	I-MR	. 01			
Messina	Dec.	12-Jan.	8		. 5	
_	Jan.	30-May	21		. 5	
Japan :	Dan	00 T		9	١.	
Aichi Ken	Dec.	28-June 28-June	5 5		1	
Awomori Ken	Dec.	28-June	15	117	18	
Chiba Ken	Dec.	28-Apr.	10	9		.
Formosa	Feb.	4-Mar.	. 8	7	4	
Fukui Ken	Dec.	28-Feb. 24-June	<u>.</u>	1 6		•†
Fukuoka Ken Fukushima Ken	Dec.	28-June	5 15	148	37	•
Gifu Ken	Feb.	4-Feb.	22	1		
Gumma Ken	Feb.	4-Feb. 29-June 22-Feb.	22	1		
Hiogo	Apr.	29-June	5	3		
Hiroshima KenIshikawa Ken	Jan.	22-Feb. 29-May	3	1 2	•••••	•
Iwate Ken	Dec.	28-June	19	47	10	•1
Kagoshima Ken	Feb	4-Feb	22.	i	10	
Kanagawa Ken	Dec.	28-Jan.	21	3]
Kioto Fu	Apr.	28-Jan. 29-May 28-Jan.	19	1		.
Kochi Ken Miyagi Ken	Dec.	28-Jan.	21	100		•
Miyazaki Ken	Jan.	17-June 22-Feb.	3	102 3	26 1	•
Mijazaki Kuli	Apr.	29-June	5	96	7	
Nagano Ken	Feb.	29-June 4-Mar.	23	9	5	
	Apr.	29-May	19	1		.
Nagasaki Ken		22-Mar.		4	1	
Nara	Apr.	29-May	19	1	•••••	
Niigata Ken	Mar.	29-May 4-Mar.	23	4	1	
Okayama Ken	Feb.	4-Apr.	10	3	ī	\$
Osaka Fu		28-June	5	4		
Oyama Ken	Mar.	4-Mar.	23	1 1	1	•
Saitama KenShidzuoka Ken	Apr.	17-Dec. 29-May 19-June	19	2	**********	'
Shiga Ken	May	19-June	15	2		
Tochigo Ken	Mar.	24-Apr.	10	1	•••••	
Tokyo Fu	Dec.	28-Mar.	23	6		
Tokushima Ken Tottori	Apr.	29-June	15	3 1	•••••	•
Vamagata Ken	Jan.	6-June 22-June	15	47	9	1
Yamaguchi Ken	Feb.	4-Apr.	28	10	ĭ	1
Yamanasni Ken	Mar.	24-Apr.	28	5	1	•
Yehime Ken	Dec.	17-Apr.	10	59	13	
The Hokkaido	Dec.	29-June 17-June	15	510	142	
Mexico:				010	172	
Nogales	May 1	13	•••••	4		
Norway : Christiania	Mon	20-May	91	19	2	
Nova Scotia:	mai.	20-May	Z1	19	z	
Halifax	June	4-June	11	8		At quarantine hospital,
letherlands:						
Amsterdam Rotterdam	Dec.	12-Dec. 12-Dec.	24	1	••••••	
Rotterdam	Jan.	l-Jan.	31	3 1	1	-
ussia:	•	ı van.	20	-	• • • • • • • • • • • • • • • • • • • •	
Moscow		23-Dec.		1	1	
	Dec.	5-Dec.	11	1	.1	•
	Jan. Mev	l-May 21-May	14	63	17	
	June	4-June	25	9	2 5	
Odessa	Dec.	5–Jan.	1	53	9	
	Jan.	2–Jan.	29	34	7	
St Datambung	Jan.	30-June	25	101	19	
St. Petersburg	Dec. Jan.	4-Dec. 9-Jan.	20	35 56	13	
		9-Jan. 30-June	25	56 70	19 66	
Warsaw	Dec.	19-May	28		136	
	Tuna	4-June	10		15	

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

Places.	Date.	Date.		Deaths.	Remarks.
Scotland: Edinburgh Glasgow Leith Spain: Corunna Madrid Turkey: Constantinople Uruguay: Montevideo Venezuela: Caracas. Puerto Cabello. Valencia. Wales:	Apr. 16-Apr. 3 Dec. 5-Dec. Apr. 3-Apr. 3 Jan. 1-Feb. Dec. 22-Dec. Feb. 8-Apr. Jan. 10-Feb. Feb. 28-May Dec. 25-Mar. May 1-May Apr. 2-Apr. Apr. 2-Apr.	25 5 28 6 8 19 7	5	1 3 53 94	Smallpox reported. Smallpox increasing, June 7, 1898. Do.
Cardiff	Dec. 18-Dec.	24	1		

Current quarantine measures.

[Translated in this Bureau from the "Veröffentlichungen des Kaiserlichen Gesundheitsamtes," Berlin June 29, 1898.]

Turkey.—According to advices of May 26, the importation of jute from Calcutta is permitted only when the jute is new and when it has been packed by hydraulic pressure. On arrival the bales are subjected to superficial chemical disinfection. According to advices of June 3, pilgrim vessels which reach Turkey by way of the Mediterranean Sea and the lazaretto of Tor must undergo a five days' observation at the lazarettos of Smyrna, Beirut, or Tripolis in Africa, according to their destination. The ships shall be disinfected, the pilgrims disembarked and subjected to strict medical inspection. The effects of the pilgrims, consisting of boxes, bundles, etc., shall be disinfected and exposed to the air. Sick persons shall be taken to the lazaretto hospital.

BULGARIA.—By order of the chief board of health of May 27, quarantine measures against arrivals from the coast of the Red Sea are suspended.

EGYPT.—The international board of health resolved May 5, to declare the pilgrimage of this year plague infected, and to put in force the measures agreed upon at the Venice sanitary conference for the treatment of pilgrims. Since that date the government has withdrawn the prohibition of return to Egypt on account of the cessation of plague in the Hedjaz.

BRITISH EAST INDIES.—The Bengal Government declared under date of April 5 that the measures up to that time in force should be so far amended that if a case of plague broke out in a family the other members of which had been previously inoculated according to the Hafkins method, the sick person should neither be isolated nor taken to hospital, nor should the remaining members of the family be isolated.

STRAITS SETTLEMENTS.—By proclamation of the colonial government, dated May 24, the port of Swatow, China, is declared infected. All vessels arriving from that port shall remain in quarantine until the

July 22, 1898 770

expiration of nine days from the date of departure or from the outbreak of the last case on board, or until given free pratique by the health authorities.

AUSTRIA.

Quarantine regulations as regards importation of goods from Asiatic ports.

DEPARTMENT OF STATE, Washington, D. C., July 12, 1898.

SIR: I have the honor to transmit herewith for your information a copy of dispatch No. 24, of the 16th ultimo, from the consul at Trieste, reporting that the Austrian Government, in view of the spreading of the plague in Asia, has prohibited the importation into that country of certain goods from ports in Asia.

Respectfully, yours,

WILLIAM R. DAY, Secretary,

Hon. SECRETARY OF THE TREASURY.

[Inclosure.]

TRIESTE, June 16, 1898.

SIR: I have the honor to report that the Austrian Government, in view of the spreading and the increasing virulence of the plague in Asia, has prohibited the importation and transit of divers goods, as personal effects, used in bedding, rags, old sacks, and carpets, crude animal products, including raw hides and skins (except when lime-cured), human hair, etc., from the Island of Formosa, the ports of Amoy, Swatow, Hongkong, Canton, and Macao, as well as from all the ports of the southern coast of Asia from British India to the canal of Suez.

As raw skins and hides are occasionally brought here from India, for reimportation to the United States, I take the liberty to suggest that this quarantine measure of the Austrian Government be brought, by the agency of the consular reports, to the attention of those of our importers whose interests may be affected thereby.

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

FREDK. W. HOUFELD, United States Consul,

BRAZIL.

Sanitary reports from Rio-Prevalence of tuberculosis.

RIO DE JANEIRO, June 21, 1898.

SIR: I have the honor to transmit to you the official report for the week ended June 10.

There were 346 deaths from all causes, an increase of 19, as compared with the foregoing week; 14 deaths from accesso pernicioso, an increase of 3; 19 deaths from yellow fever, a decrease of 7; 2 deaths from typhoid fever, the same as before; 1 death from diphtheria, none before; 5 deaths from beriberi, the same as before, and 52 deaths from tuberculosis, an increase of 3.

There occurred during the week ended June 17, 325 deaths from all causes, 6 deaths from accesso pernicioso, 26 deaths from yellow fever, 26 deaths from different fevers, and 3 deaths from beriberi.

Information.—Among the diseases which constantly prevail in Rio de Janeiro, tuberculosis occupies the first place. It causes the greatest number of deaths, and, therefore, it may be proper on the present occasion to report particularly thereon.

In order to prove the great mortality from tuberculosis, I present the following table:

Mortality from tuberculosis.

Year.	Deaths from tuberculosis.	Total deaths.	Death rate
886	2,077	12,659	Per cent. 16.5
887	2,025	15,012	13.5
388	1,990	11,418	17.5
389	2, 177	17, 784	12.3
390	2, 202	18, 725	16.0
391	2,378	23,849	9.5
892	2, 170	18,996	19.4
998	2, 121	13,523	15.7
894	2, 127	19, 360	11.0
995	2, 434	18, 226	13,5
396	2, 631	19,604	13.5
897	2, 421	14, 287	16.9

If we consider that the city of Rio de Janeiro is of large extent, that the people for the most part live in one or two story houses, and spend a great deal of time in the open air on account of the climate, that manufactories here are not yet so much advanced as in many other large cities, so that the air is not so much contaminated by them, in short, that in many respects the natural hygienic conditions of Rio de Janeiro are more favorable than those of other large cities, then the importance of the foregoing figures assumes much greater proportions.

The people of north and central Brazil are in general of low stature, and very thin, with tender bones, so that they are inclined to what is called a predisposition to consumptive habits. The constitution of Brazilian women in general is still another cause for suspecting in them a disposition to consumption. The vital resistance is, speaking in general terms, considerably reduced. The damp, warm climate is, as is known, very favorable to the propagation of tuberculosis. Therefore, all the circumstances are highly conducive to the development and increase of the tuberculosis germ, which already exists here, and is so widely prevalent.

No precautions whatever for preventing its propagation are used. The sputum is carelessly expectorated by the patients; its danger is not generally known. Even if it is expectorated into a spittoon it is not properly disinfected, and the possibility of the particles being carried by the breeze after drying is not generally realized.

In view of the great number of consumptive patients, it is evident that Koch's bacillum of tuberculosis exists to a great extent in the habitations of the people, and we know from scientific investigations how this germ is preserved on the walls and tapestry and in the dust, etc.

Climatic treatment, which is much used in Europe, is impracticable here. There are, indeed, some localities (Campos do Jardao, Barbacena, etc.), which are well known for their immunity from consumption. I do not know whether their reputation is well founded. However, patients who repair to those places are unfortunately obliged to deprive themselves of the greater part of the requisites for the proper treatment of the disease, therefore the result of the treatment is very doubtful. In my own medical experience I have seen no real success.

The treatment of patients and the means adopted for the extinction of tuberculosis consists merely in administering medicine. But we know how impotent are purely medicinal measures from an etiological point of view. In regard to the symptoms of consumption we can certainly do something; in regard to the etiological cause, nothing. In

this country the modern scientific and practical efforts for constructing special sanitary establishments have received hardly any attention.

Precautions for protecting children against infection are entirely insufficient. Many children are directly infected from hereditary causes

or from close and constant contact with their parents.

Another source of infection, principally for children, is the cow's milk with which they are fed. In this country tuberculosis prevails to a great extent among cattle. There is no inspection of the animals by the authorities.

In the city and its suburbs it is usual to milk the cows in the presence of the buyer, which is useful for the latter's protection against adulteration. The milking is done in the open streets. No care is taken to insure the cleanliness of the udders or of the hands of the milker. Thus suspicious particles of foreign matter may enter the milk.

Other important measures for combating the disposition to tuberculosis, such as hardening the body in different ways, as for instance by gymnastic exercises, which contribute to physical development, and by a strict attention to methodical alimentation, are taken by the public

here into little account.

I regret to say that, in my opinion, there is little probability of any change in the hygienic conditions relating to tuberculosis. By the action of the authorities much certainly can be done; but the most important part belongs to private initiative and the cooperation of

everyone in his own sphere.

Since last report the following-named ships have been inspected and received bills of health from this office: June 15, schooner King Cenric, Norwegian, for Pensacola. June 17, barkentine Nellie M. Slade, American, for Barbados, West Indies; bark Mabel, Norwegian, for Barbados, West Indies; barkentine Glad Tidings, American, for United States, via Trinidad. June 18, bark Sumarlida. Norwegian, for Pensacola; steamship Merida, British, for New York; steamship Coleridge, British, for New York. June 21, steamship Vectis, British, for Galveston.

Respectfully, yours, W. HAVELBURG, M. D.,

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

COSTA RICA.

Sanitary report from Limon.

LIMON, COSTA RICA, CENTRAL AMERICA, July 7, 1898.

SIR: Pursuant to your request, under date June 17, I inclose herewith mortality report for the week ended July 7, and I will continue sending similar reports weekly from now on. The general health of this place at present is particularly good, there being no serious cases of fever in either of the hospitals.

We have here all through the year malarial fevers of a more or less malignant type, but it seems quite evident that none of them are contagious, as two cases in the same house or immediate locality at the

same time are rare occurrences.

Yours, very respectfully,

WALTER INGALIS, United States Consular Agent.

JAMAICA.

Sanitary report—Arrival of Cuban refugees.

KINGSTON, JAMAICA, June 25, 1898.

SIR: I have the honor of informing you that several cases of varicella have appeared at Kingston, but, as vaccination is compulsory and is strictly carried out, I have no fears of smallpox breaking out, as some physicians, who look upon varicella as a precursor of the latter disease, seem to believe. Malarial fevers are now very common after the heavy summer showers, and diarrhea prevails largely among children.

Another large contingent of Cuban refugees has just arrived. This time they are all of Spanish birth, and liable to infection from yellow fever and to carry the germs of the disease wherever they go. The health authorities here bear this fact in mind, and are very careful and strict in carrying out their quarantine regulations. All vessels arriving from Cuban ports are quarantined or placed under observation.

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

JAPAN.

Report of the prevalence of certain infectious diseases in Japan.

YOKOHAMA, JAPAN, June 16, 1898.

SIR: I have the honor to forward herewith my regular report of infectious disease in Japan for period June 6 to June 15.

The sanitary condition of the Empire, with the exception of Formosa,

is exceptionally good for the season.

You will observe that a fatal case of plague is reported from the Nagasaki quarantine. This was detected six days ago upon the Japanese steamship *Hikozan Maru*, from Hongkong, and, so far, has not been followed by others. The Japanese authorities are certainly to be congratulated upon their success in preventing the introduction of this disease, and this, notwithstanding that something like a dozen cases have been landed at their different quarantine stations since the outbreak of the malady at Hongkong in 1894. In every instance, however, the disease has been promptly controlled, not only in confining it to the quarantine limits, but as regards the ship infected as well.

I am, sir, very respectfully, your obedient servant, STUART ELDRIDGE, M. D., Sanitary Inspector, U. S. M. H. S.

Report of infectious disease in Japan from June 6 to June 15, 1898.

	Pla	gue.	Che	olera.	Dyse	ntery.	Smallpox.		
Locality.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths	
Kioto Fu									
Osaka Fu			•••••	••••	1				
Tokyo Fu			2	1	1				
Aichi Ken			•						
Akita Ken									
Awamori Ken					Ř	1	16		
Chiba Ken								. 	
Fukui Ken									
Fukuoka Ken									
Fukushima Ken									
Gifu Ken							•		
Gumma Ken									
Hiogo Ken					_	•••••	•••••		
Hiroshima Ken					•••••	•••••	***********		
Ibaraki Ken						1	**********	•••••	
Ishikawa Ken						•	•••••		
Iwate Ken							••••••	•••••	
					3			•••••	
Kagawa Ken									
Kagoshima Ken		••••••		•••••	22 4	4		•••••	
Kanagawa Ken	•••••	•••••	1	••••••	4	1	•••••	•••••	
Kochi Ken	• • • • • • • • • • • • • • • • • • • •	•••••	•••••	••••••				•••••	
Kumamoto Ken	••••••	•••••	••••	• • • • • • • • • • • • • • • • • • • •	4	2		•••••	
Miyagi Ken					1		4	•••••	
Miyazaki Ken					31	8		•••••	
Miye Ken	•••••		•••••	•••••				•••••	
Nagano Ken				••••••	4			•••••	
Nagasaki Ken Nara Ken	(a)1	1						•••••	
Nara Ken								•••••	
Niigata Ken									
Dita Ken									
Okayama Ken						1		·····	
Okinawa Ken									
aga Ken									
Saitama Ken					2				
Shidzuoka Ken					28	6		· • • • • • • • • • • • • • • • • • • •	
Shiga Ken							1		
Shimane Ken									
rochigi Ken									
lokushima Ken					ī	1			
Fottori Ken							1		
Гоуата Ken									
Wakayama Ken					14	1			
Yamagata Ken							2		
Yamaguchi Ken							-	••••••	
Yamanashi Ken					54	5	•••••	•••••	
Yehime Ken					i	•	1	••••••	
The Hokkaido					2	2	i	•••••	
Taiwan (Formosa)		62							
• • • • • • • • • • • • • • • • • • • •									
Total	116	63	3	2	202	33	27		

a Case in quarantine from steamship Hikozan Maru.

TURKEY.

Arrival of pilgrims at Constantinople.

[Report No. 195.]

CONSTANTINOPLE, June 29, 1898.

The pilgrims have already come back from Djiddah, and have arrived in Constantinople. Before passing the Suez Canal, they, as well as the disbanded soldiers, underwent a ten-days' quarantine at Tor, in the Red Sea, and a five-days' quarantine in the lazarettos of the Mediterranean *i. e.* in Beirut, Clazomenes, or Tripoli in Africa. There are about 3,000 pilgrims who have already arrived in Constantinople. Before landing they were subjected to a medical inspection by the sanitary physician. They are all in good health.

Dr. Nicol, the director of the Institut Pasteur, of this town, who went to Smyrna to inquire about the suspected case of plague, has pre-

775 July 22, 1898

sented his report to the sanitary board under date of June 25, in which he states he has not found any Yersin bacilli in the microscopical examination of the different organs of the bodies of persons suspected to have died from bubonic plague. This statement of Dr. Nicol has not convinced all who are interested in the question. Among these is the Bulgarian Government, which has decided that the 67 Bulgarian pilgrims who have just arrived from Mecca after undergoing the abovementioned ten and five days' quarantine, shall not be allowed to enter the Bulgarian territory, not even if they undergo a new quarantine.

On the 27th instant the sanitary physician at Beirut, Syria, wired that at the villages of Cafasdunin and Horbet-Salem, near Beirut, many inhabitants fell ill with alarming symptoms of diarrhea and vomit. One death has already been reported as caused by this illness. Said sanitary physician has been ordered to go to the above-mentioned vil-

lages and report about the fact.

Official sanitary news from Trebizond states that an epidemic of

measles is prevailing at the latter town.

The number of deaths registered in Constantinople from the 13th to the 27th instant is 373. Of these, 10 are due to measles, 5 to diphtheria, 10 to smallpox, and 10 to typhoid fever. This number of 373 deaths registered within fourteen days shows a very low mortality. This is due certainly to the good health which Constantinople enjoys at the moment, but we must take into consideration that a great number among the inhabitants of this town move to the surrounding villages, the authorities of which do not report to the sanitary board the number of deaths occurring there. I have already drawn the attention of the International Sanitary Commission to said cause of error at its yesterday's meeting, and I hope that in its next issue the death rate returns will present the number of deaths occurring in said villages, the Princes Islands, for instance, Makrikioi, Cartel, etc.

SPIRIDION C. ZAVITZIANO, United States Sanitary Commissioner.

STATISTICAL REPORTS.

BERMUDA.—Two weeks ended July 5, 1898. Estimated population, 1,600. Total number of deaths, 2.

FRANCE—Marseilles.—Month of June, 1898. Population, 447,344. Total number of deaths, 727, including diphtheria, 4; enteric fever, 14; scarlet fever, 2, and 1 from smallpox.

GREAT BRITAIN—England and Wales.—The deaths registered in 33 great towns in England and Wales during the week ended July 2 correspond to an annual rate of 14.9 a thousand of the aggregate population, which is estimated at 11,218,378. The highest rate was recorded in Sunderland, viz, 22.8, and the lowest in Preston, viz, 9.0.

London.—One thousand two hundred and fifty-six deaths were registered during the week, including measles, 48; scarlet fever, 12; diphtheria, 28; whooping cough, 42; enteric fever, 10, and diarrhea and dysentery, 22. The deaths from all causes correspond to an annual rate of 14.5 a thousand. In greater London 1,624 deaths were registered, corresponding to an annual rate of 13.2 a thousand of the popu-

July 22, 1898 776

lation. In the "outer ring" the deaths included 6 from measles, 11 from diphtheria, 1 from scarlet fever, and 18 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended July 2 in the 23 principal town districts of Ireland was 21.3 a thousand of the population. The lowest rate was recorded in Carrickfergus and Dundalk, viz, 0.0, and the highest in Tralee, viz, 67.2 a thousand. In Dublin and suburbs 146 deaths were registered, including diphtheria, 2; enteric fever, 4; scarlet fever, 2; and whooping cough, 1.

Scotland.—The deaths registered in 8 principal towns during the week ended July 2 correspond to an annual rate of 21.1 a thousand of the population, which is estimated at 1,568,536. The lowest mortality was recorded in Perth, viz, 13.6, and the highest in Paisley, viz, 25.5 a thousand. The aggregate number of deaths registered from all causes was 635, including diphtheria, 4; measles, 41; scarlet fever, 5, and whooping cough, 35.

HUNGARY—Budapest.—Month of April. Estimated population, 640,000. Total number of deaths, 1,208.

Month of May. Total number of deaths, 1,039.

Malta.—Two weeks ended June 15, 1898. Estimated population, 177,745. Total number of deaths, 179.

NICARAGUA—San Juan del Norte.—Month of June, 1898. Estimated population, 1,200. Total number of deaths, 3.

St. Helena.—Five weeks ended June 11, 1898. Estimated population, 4,000. Total number of deaths, 13. No deaths from contagious diseases.

MORTALITY TABLE, FOREIGN CITIES.

•				1	Dest	hs fi	rom-	-				
Cities. pp que yes		Week ended. Estimated population. Total deaths from all causes.				Smallpox.	Typhus fever.	Entericfever.	Scarlet fever.	Diphtheria.	Measles.	Whooping
Amsterdam	July 2	507, 789	137									
Antwerp	June 25	282, 872	89						6			i
Barranquilla	June 18	40,000	25									
Belise		18,000	5		···	•••••			•••••	ļ <u>.</u>		••••
Birmingham Bluefields	July 2	505,772	140	1			•••••	1	•••••	1	4	1
Bombay	do	8,018	a 504			•••••	******	*****	•••••	·····	8	••••
Bristol	June 14 July 2	821, 764 816, 900	76			•••••		•••••	•••••	·····	3	••••
Brussels	June 25	581,026	191	1		•••••				2	•	ļ
Calcutta	June 4	681,560	335	7		2	l	i		. 9	1	
atenia	June 80	120, (00	102				1	1		ī		
hristiania	July 2	207,000	82						1		4	
olombo		127, 836	101					1			1	
Do		127, 836	100	·		•••••		2	ļ		1	
refeld	July 2	110,000	29	•••••	•••••	*****	•••••	•••••	• ····	2	•••••	·
lushing rankfort on the Main	do	17, 397 245, 000	6 78	******	•••••	•••••	•••••		******	1	•••••	
hent	June 25	161, 125	68			•••••	•••••			1	1	ļ
Do	July 2	161, 125	53							· · · · · · · · · · · · · · · · · · ·	i	
lirgenti	June 25	24, 428	8							; • • • • • • • • • • • • • • • • • • •		
othenburg	June 18	24, 428 119, 754	34						i		1	
Do	June 25	119,754	32						i	· · · · · · ·		
alifax	July 9	119,754 38,700	25			•••••	•••••	•••••		•••••		
amburg	June 25	661,015	203			•••••	•••••	•••••	·		20	:
longkong Do	May 21 May 28	261, 258	b 167	•••••	••••	•••••	•••••	•••••		•••••	•••••	····
onolulu	June 25	261, 258 30, 000	110 13	•••••	•••••	•••••	•••••	·····		•••••	•••••	
ingston, Canada	July 15	18, 800	8			•••••	••••••	U		•••••	•••••	****
önigsberg	July 2	179, 686		1 1					. 1		3	
eeds	do	416, 618	125					2	4	3	2	
icata		20,000	9				1	1				
iege	do	166, 110	38					•••••	•••••			ĺ
Do	July 2	166, 110	28			•••••	•••••	•••••	•••••	•••••	•••••	••••
imon	July 7	1,200	7									
ivingston, Guatemala [adras	July 2 June 11	2,000 452,518 16,304	331	1		•••••	•••••	•••••	•••••	•••••	8	••••
atamoras	July 9	16, 304	3									
ayence	June 25	76, 984	35								1	
[essina	July 2	107,000	34					3				
Contevideo	June 4	215,061	54					1				
Do		215, 061	51			•••••		3		1		
loscowdessa	June 25	1,000,000 383,000	854 142	•••••	•••••	4 ;	•••••	1	10	4 2	8	
saka and Hiogo	do May 28	202, 912	c 93		•••••	•••••	•••••••	1	•••••	4	- 1	
<u>Do</u>	June 4	202, 912	116		•••	•••••	•••••	- i	•••••	3		••••
Do	June 11	202, 912	108	1						4		
alermo	June 25	300,000	171				1			2	,	
lymouth		99, 136	33								6	
uerto Cortes	July 6	2,000	6	!							•••••	••••
uebecheims	July 9	72,000				•••••	•••••	•••••	•••••	•••••	1	••••
otterdam	June 25 July 2	108, 963 301, 816	43 117			•••••	•••••	•••••		2	10	••••
t. Petersburg		1, 257, 023	706				•••••	20	2.7	26	9	7
. Stephen	July 9	3,000				ا د						
chiedam	July 2	26, 884	10				1	••••				••••
onneberg	June 1×	12, 400	9					···················			•••••	••••
tettin	June 25	150,000	63					•••••	2	1		
ockholm	do	283, 500	90				•••••	••••••		1	1	2
egucigaipa	June 18	12,000 45,095	2 15	•••••			•••••	•••••	••••••			•••••
egucigalpa rapanienice	June 25 June 18	168, 958	62	•••••		·••• ;	•••••	•••••	•••••	••••	•••••	
era Cruz	July 7	30,000	40			•••••		1				 -
Varsaw		601, 408	295			7				5	5	2
		,				- 1		1		-		_

a Plague, 26.

b Plague, 48.

c Plague, 1.

By authority of the Secretary of the Treasury:

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