ABSTRACT OF SANITARY REPORTS.

Vol. X.

WASHINGTON, D. C., MAY 17, 1895.

No. 20.

TREASURY DEPARTMENT, United States Marine-Hospital Service.—Published in accordance with act of Congress approved February 15, 1893.

UNITED STATES.

[Reports to the Supervising Surgeon-General M. H. S.]

Smallpox in Kentucky.

BOWLING GREEN, KY., May 8, 1895.

SIR: I have the honor to inform you that since my last letter on the subject, the following cases of smallpox have occurred in this State: Fourteen cases at Lexington, Fayette County; 6 cases at Ashland, Boyd County; 10 cases at Princeton, Caldwell County; 30 cases at Paducah, McCracken County; 3 cases at the K. Y. Union Junction, Clark County; 1 case at Winchester, Clark County; 1 case at Williamstown, Grant County; 2 cases at High Bridge, Jessamine County; 1 case at Maysville, Mason County; 4 cases at Louisville, Jefferson County; 1 case at Henderson, Henderson County.

The disease has been almost exclusively confined to negroes. The disease is entirely under control, except at Paducah and Princeton, where there have been some recent exposures, and a few other cases are

likely to occur.

Very respectfully,

J. N. McCormack, Secretary State Board of Health.

Smallpox in New Orleans.

NEW ORLEANS, La., May 10, 1895.

SIR: I have the honor to report that during the past ten days 5 roust-abouts from Mississippi River steamboats applied for treatment at the Marine-Hospital Office, Custom-House, who were found to be suffering from smallpox. The cases were at once turned over to the local health authorities and sent to the city pesthouse, and the office fumigated with sulphur, as usual.

Very respectfully,

HENRY W. SAWTELLE, Surgeon, M. H. S.

Smallpox at Staunton, Va.

STAUNTON, VA., May 11, 1895.

SIR: Yours of the 10th just received, and I hasten to reply. I have on hand 17 cases of smallpox in town, 13 of which are convalescent, and 4 still ill. Also have 2 cases in the county, one 3 miles from town on the Middlebrook road and one 12 miles in the country at Middlebrook. Four have died in town and 1 in county. The epidemic is of the discrete and confluent variety. Twelve of the town cases are confined to the hospital and 5 guarded and looked after at their homes. No new cases to-day, but prodromal symptoms in 2. Any further information I can furnish you I will gladly give.

Very respectfully,

J. B. CATLETT, City Physician.

Two cases of Smallpox in Memphis—Action of the Memphis Board of Health.

MEMPHIS, TENN., May 10, 1895.

SIR: Referring to my telegrams of yesterday and to-day, reporting 2 cases of smallpox received from the steamer Buckeye State, and turned over to the local health authorities without admission to this hospital, I have the honor to give further information upon these cases. patient shipped aboard the boat at Cincinnati on May 4, and was taken sick with the disease on the 6th. The second patient shipped at Louisville May 5, after having been in many different places the previous month, and was taken sick with the disease on the 7th. This case was not so well marked as the first, but I believe it is smallpox or varioloid. The patient had been vaccinated in childhood; the first patient had not been vaccinated. Both are negroes. * * * Steamboatmen from been vaccinated. Both are negroes. Steamboatmen from Cincinnati have told me that there has been an epidemic of smallpox at that port this year. Dr. G. B. Thornton, president of the Memphis board of health, has informed me of his intention to quarantine against the steamers Buckeye State, State of Kansas, and J. P. Jackson until they can present bills of health showing proper disinfection.

Very respectfully, yours,

A. C. SMITH,
Passed Assistant Surgeon, M. H. S.

MEMPHIS, TENN., May 10, 1895.

SIR: I inclose you a copy of an order which has been served on the captains of the Cincinnati and Memphis packets *Buckeye State* and *State of Kansas*. We are also reliably informed that the Cincinnati and New Orleans freight boat, *J. P. Jackson*, has had smallpox on board. We are told that this boat put off a case at Vicksburg, Miss., on May 1.

Very respectfully,

I. H. EDGINGTON, M. D., Acting Secretary Board of Health.

[Inclosure.]

MEMPHIS, TENN., May 10, 1895.

Notice is hereby given to the captains of the Cincinnati and Memphis packets *Buckeye State* and *State of Kansas* not to again land at the Memphis wharf until properly disinfected and provided with a clean bill of health from an officer of the Marine-Hospital Service, both boats having had cases of smallpox on board.

By order of the board of health:

I. H. EDGINGTON, M. D.,
Acting Secretary Board of Health.

Vaccination of River Boatmen on the Ohio and Mississippi Rivers.

NASHVILLE, TENN., May 2, 1895.

SIR: At a recent meeting of the Tennessee State board of health, the following action was taken, and the secretary directed to communicate the same to yourself:

Whereas, recently there has developed smallpox among the river boatmen at Memphis, Vicksburg, Paducah, and Wheeling, thus demonstrating a widespread infection among the marine of the great valley: therefore, be it

among the marine of the great valley; therefore, be it

Resolved, That the Surgeon-General of the Marine-Hospital Service be and he is hereby requested to without delay have vaccinated the unprotected of this class engaged upon the waterways which have, or may have, commercial relations with Tennessee.

All of which is respectfully submitted to your attention by J. Berrien Lindsley, M. D., Secretary and Executive Officer.

A similar letter has been received from the Secretary of the Ohio State board of health. The following orders have been issued to medcal officers and acting assistant surgeons of the Marine-Hospital Service on duty at Mississippi and Ohio River ports:

TREASURY DEPARTMENT,
OFFICE OF THE SUPERVISING SURGEON-GENERAL M. H. S.,
WASHINGTON, D. C., May 6, 1895.

MEDICAL OFFICER IN COMMAND,

PORT OF ----,

United States Marine Hospital Service:

SIR: You are hereby directed, without delay, to vaccinate the crews of all river craft who have not been recently successfully vaccinated, the operation to be performed either at the Marine Hospital office or on board of the vessels, as may be most convenient. This order will be sent to all stations on the Ohio River, and the action is taken in view of the recent spread of smallpox, indicating an infection among the boatmen on the river.

Respectfully, yours,

FAIRFAX IRWIN, Surgeon, M. H. S.,

For Supervising Surgeon-General M. H. S.

NEW ORLEANS, LA., May 9, 1895.

SIR: I have the honor to report that a system of vaccination of crews of Mississippi River steamboats has been inaugurated at this port in accordance with your directions when here recently. Two temporary sanitary inspectors have been employed to do the work, one for day and the other for night service. The crews of all steamboats arriving here are inspected, and those requiring it are vaccinated. At a meeting of the masters and agents held on the 7th instant, which I attended, it was agreed that the crews of outgoing steamboats should also be vaccinated before leaving port, and no man is now employed on outgoing steamers without a certificate showing that he has been vaccinated.

Very respectfully,

HENRY W. SAWTELLE, Surgeon M. H. S. The following letter was issued by Surgeon H. W. Sawtelle, M. H. S.:

NEW ORLEANS, LA., May 6, 1895.

To Masters, Owners and Agents of Mississippi River Steamboats, New Orleans, La.:

GENTLEMEN: In view of the continued prevalence of smallpox among the roustabouts of river steamers arriving at New Orleans, the Surgeon-General of the United States Marine Hospital Service has directed that the crews of such vessels be vaccinated here, and a sanitary inspector has been employed to do the work. It is proposed to vaccinate the crew of each vessel as soon as practicable after arrival, excepting persons who are protected by a previous attack of the disease or by a recent successful vaccination. If any suspicious cases are found among the passengers they also will be vaccinated. In case vaccination is refused by any person requiring it, in the opinion of the inspector, said party will be subject to a quarantine of fourteen days. Vaccinations will be made on board, and to avoid interference with the business of vessels, masters are requested to notify the sanitary inspector at the Marine Hospital office, Custom-House, when they will be ready for the inspection, and all persons should be detained on board until the work is completed. The crews of outgoing steamers will also be inspected. It is believed that with the cooperation of masters, agents, and others the work can be successfully accomplished with but little, if any, interference with the shipping of the port, and, moreover, prove an important aid to the local board of health in its efforts to guard the public from a loathsome disease.

> HENRY W. SAWTELLE, Surgeon, M. H. S., in Command of Hospital.

Change of Designation of Quarantine Station at Mullet Key, Fla.

JACKSONVILLE, FLA., May 10, 1895.

SIR: The quarantine station at Mullet Key, Tampa Bay, will in future be officially known as the Tampa Bay Quarantine Station.

Very truly, yours,

JOSEPH Y. PORTER, M. D., State Health Officer.

Two Deaths from Yellow Fever on the Steamship Hogarth, en route from Santos to New York.

QUARANTINE, S. I., May 13, 1895.

SIR: In answer to your communication of May 11 regarding 2 deaths which occurred on the steamship *Hogarth* while en route to New York from Santos, I have to say that this vessel left Santos on April 8; within five days afterward the chief engineer and 2 of the crew were taken ill; 1 recovered, and 2 died before April 22. There was no sickness on board after this date (April 22).

The Hogarth arrived at quarantine May 8, and after obtaining the above history I assumed that the men already referred to had been affected with yellow fever; the vessel was consequently detained at this station until thorough disinfection had been performed.

Respectfully,

A. H. DOTY, Health Officer, Port of New York. Report of Immigration at New York for the Week ended May 11, 1895.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION, Port of New York, May 13, 1895.

Number of Alien Immigrants who Arrived at this Port during the Week ended May 11, 1895; also Names of Vessels and Ports from which they Arrived.

Date.	Vessel.	Where from.	No. of immigrants from Russia.	No. of immigrants.
1895. May 5	Steamship Norge	Copenhagen, etc		
Do May 6	Steamship Umbria Steamship Zaandam	Amsterdam	7	698 77 350
Do May 8 May 9	Steamship La Normandie Steamship Obdam Steamship State of California	Rotterdam and Boulogne	26	239 158
Do May 10	Steamship WaeslandSteamship Munchen	Antwerp	60	274 336
Do May 11	Steamship SaaleSteamship Bothnia	do	26	482 897
Do Do	Steamship Britannic Steamship Lucania	Liverpool and Queenstown		644
Do Do	Steamship Augusta Victoria	do	31	534 147
Do	•			532
	Total		728	6, 683

Dr. J. H. SENNER, Commissioner of Immigration.

Report of Immigration at Philadelphia for the Week ended May 11, 1895.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION, Port of Philadelphia, May 11, 1895.

Number of Alien Immigrants who Arrived at this Port during the Week ended May 11, 1895; also Name of Vessel and Port from which it Arrived.

Date.	Vessel.	Where from.	No. of immigrants from Russia.	No. of im- migrants.
1895. May 6	Steamship Kensington	Liverpool and Queenstown	6	815

JNO. J. S. RODGERS, Commissioner of Immigration.

Smallpox in the United States as reported to the Supervising Surgeon-General Marine-Hospital Service, February 1 to May 15, 1895.

Places.	Date.	Cases.	Deaths.	Remarks.
Arizona:				
Nogales	Apr. 25-May 2	39	2	
Arkansas:			1	
Brinkley	Mar. 16	4		
Camden	Mar. 24	1	l	
Donaldson	Mar 16	4	l	
Garland County (Hot Springs).	Feb. 1-April 20	192	44	
Hollywood	Feb. 28-Mar. 8	1	1 1	
Malvern	Feb. 1-Mar. 16	4		
California:			1	
Angel Island Quarantine, San Francisco.	Apr. 20	2		Taken from steamship Coptic.

Smallpox in the United States as reported to the Supervising Surgeon-General Marine-Hospital Service, February 1 to May 15, 1895—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Connecticut :				
New Haven	Apr. 3	1		
District of Columbia:	0.4.10 17.1.4			
Washington	Oct. 18-Feb. 6 Feb. 24-Mar. 12	47 4	9	
Florida :	rob. 21 Mai. 12	•	***************************************	
Key West	May 4	1		
llinois:		_		
Cairo	Mar. 11	1		
Chicago	Feb. 1–Feb. 28 Mar. 1–Mar. 27	95 67	21 31	
Madison	Feb. 25	8	2	
Olney	do	1		
Quincy	do	1		
ndiana : Evansville	Apr. 30-May 6	8		
Michigan City	Jan. 12-Feb. 9	ž	1	
Indianapolis	May 6	1		
Franklin	Feb. 9-Feb. 22	2		
New Carlisle Jeffersonville	do Apr. 24	2 1	1	
Clark County	Apr. 24	3	î	
Tell City	Apr. 24	. 3		
. .	May 6	1		
Roby	Apr. 24	1		
Terre Haute La Porte	May 6 Feb. 22	1	1	
Whiting	do	i		
owa:				
Council Bluffs	Jan. 27-Feb. 2	8		
Muscatine Kentucky:	Apr. 17	1		
Ashland	Mar. 25	4	1	
	Apr. 1-May 8	6		
Henderson	Apr. 27	1		
Lexington	do	25	3	
Paducah	Mar. 24 Apr. 1-May 8	30	•••••	
Princeton	Mar. 24	ĭ		
	Apr. 1-May 8	10		
Union Junction	do	3		
Winchester Williamstown		1	•••••	
High Bridge		2	•••••	
Maysville	do	ī		
Henderson	do	1		·
Louisville		5	1 1	
Louisiana:	Apr. 1-Apr. 30	***************************************	1	
Monroe	Feb. 10-Feb. 22	3	1	
New Orleans	Mar. 9-Apr. 6	6	1	
	Apr. 18-Apr. 20	1		
Maryland:	Apr. 26-May 4	28	2	
Charles County	Apr. 10	23	3	
·	Apr. 27	2		
Michigan:			İ	
Brownstown Township	Apr. 13-May 4 Jan. 27-Mar. 2		11	Smallpox reported.
Detroit	Mar. 9-Mar. 30	27 8	11	
Grand Rapids	Mar. 9-Mar. 30 Feb. 23-Mar. 2	ĭ		
Plymouth Township	Jan. 1-Feb. 6	4	1	
Three Rivers	Mar. 1-Mar. 7	1		
Watson Township Ypsilanti		1	•••••	Do.
Mississippi:	mai. J-mai. to			100.
Vicksburg	Mar. 26	1		
	May 1	2		
Missouri:	Jan. 12-Feb. 9	95	4	
St. Louis	Feb. 23-Mar. 23	25 80	31	
	Mar. 28-Apr. 6	17	4	
	Apr. 13-Apr. 27	53	5	
Lincoln County	Mar. 1-Apr. 1	20	·····	
Nodoway County New Hampshire:	Apr. 6	1		
Claremont	Apr. 20-May 3	11		
Croydon	Apr. 20-May 4	7		
Newport	Apr. 24	1	ļ	
New Jersey: Hoboken	Apr. 20-Apr. 27	2		· ·

Smallpox in the United States as reported to the Supervising Surgeon-General Marine-Hospital Service, February 1 to May 15, 1895—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
New Jersey-Continued.				
Union Township	Apr. 20	1		
Unwisen	Apr. 20		•••••	
Harrison	do	1		
New York:		_		
Brooklyn	Jan. 1-Feb. 23	3	1	
	Mar. 2-Mar. 9	1		
	Mar, 16-Mar, 23	1		
New York	Nov. 24-Feb. 9	55	10	
TOW TOTAL	Feb. 9-Mar. 23	5	1	
Westchester			1	
Ohio:	Feb. 23	1		
Cincinnati	Feb. 20-May 7	89	17	
Cleveland	May 7	8		
Coal City	Mar. 28-Apr. 18	2		
Columbus	Mar. 9-May 4	$\bar{2}$		
Lima	Mar. 8	ĩ		
Wellington	Mch. 28-Apr. 18	3		
	Mcn. 20-Apr. 10	0	•••••	
Oklahoma:	35 . 3 4 6	_		
Cleveland County	Mar. 1-Apr. 3	3		
Pennsylvania :				
Ashbourne	Jan. 1-Feb. 12	9	1	
Danville	Jan. 23-Feb. 12	1		
Philadelphia	Dec. 18-Apr. 9	243	33	
1	Apr. 9-May 7	20	· i	
Dittahung	Ion 1 Man 16	20	1	
Pittsburg	Jan. 1-Mar. 16			
******	Mar. 27	1	••••	
Wilkesbarre	Feb. 12-Mar. 2	1		
Rhode Island :				
Providence	Feb. 12	1		
Tennessee:				
Memphis	Mar. 24	1		
Month parts	May 9-May 10	2		
Cexas:	May 5-May 10	4		
Fort Worth	T3-1- 10 35 00			
Fort worth	Feb. 16-Mar. 23	11	1	
	Mar. 30-Apr.6	2		
Marshall	Mar. 13	1		
Taylor	Feb. 15	1		
Virginia:			1	
Newport News	Feb. 24	1		
Staunton and Augusta Co	To May 11	23	4	
West Virginia:	10 May 11	20	*	
	T7-1- 01			
Bluefields	Feb. 21	1		
Thacker	Apr. 6	. 3		
Wheeling	Mar. 18-May 3	12	1	
Wisconsin:	-		1	
Cedarburg	Apr. 22-May 6	4	i i	
De Pere Township	Mar. 23-May 6	8	2	
Dover	Mar. 2-Mar. 9	4	_	
Eau Claire	Jan. 12-Jan. 19	i	1	
Dau Claire				
~ "	Feb. 9-Feb. 16	1		
Granville	Apr. 8-Apr. 22	1		
Gibson Township	Jan. 5-Mar. 2	16	4	
Greenfield		9	1	
	Feb. 25-Mar. 2	6	2	
į.	Apr. 22-May 6	2	2	
Lawrence Township	Apr. 8-May 6	9	ı	
Manitowoc Rapids	Dec. 28-Feb. 16	3	1	
Milwaukee	Oct. 6-Mar. 23	524	164	
i	Mar. 23-May 6	44	9	
Plover	Apr. 20-May 6	2		
Rockland Township	Apr. 20-May 6	ī		
Sparta	Mar. 9-Mar. 23	. 6		
Springville		i		
	41 U1 . O A U1 . 44			

VESSELS ARRIVING AT, DEPARTING FROM, AND REMAINING AT UNITED STATES QUARANTINE STATIONS.

BRUNSWICK QUARANTINE.

Week ended May 11, 1895.

Name of vessel.	Date of arrival.	Where from.	Destina- tion.	Treatment of vessel Date of and cargo.
Spanish brig Maria Orera	May 7	Havana	Brunswick	Held for disinfection.

CAPE CHARLES QUARANTINE

Week ended May 10, 1895.

Two vessels inspected and passed.

DELAWARE BREAKWATER QUARANTINE.

Week ended May 11, 1895.

Fifteen vessels inspected and passed.

GULF QUARANTINE.

Week ended April 29, 1895.

Name of vessel.	Date of arrival.	Where from.	Destina- tion.	Treatment of vessel and cargo.	Date of dep'ture		
British ship Ellerslie* British ship Sardinian*	Apr. 14 do	Buenos		Disinfecteddo			
Am. ship City of Montreal *	Apr. 22	Ayres. Rio de Janeiro.	Mobile	Held for disinfection.			

* Previously reported.

One vessel inspected and passed.

Week ended May 6, 1895.

Name of vessel.	arrivai.	Where from.	Destina- tion.	Treatment of vessel and cargo.	Date of dep'ture.		
Am. ship City of Montreal *	Apr. 22	Rio de Janeiro.	Mobile	Held for disinfection.	May 3		

* Previously reported.

Week ended May 13, 1895.

One vessel inspected and passed.

PORT TOWNSEND QUARANTINE.

Week ended May 4, 1895.

One vessel inspected and passed.

REEDY ISLAND QUARANTINE.

Week ended May 12, 1895.

Thirty-two vessels inspected and passed. Two vessels spoken and passed.

SAN DIEGO QUARANTINE.

Week ended May 8, 1895.

Two vessels inspected and passed.

SOUTH ATLANTIC QUARANTINE.

Week ended May 4, 1895.

Three vessels inspected and passed.

Reports of States and Yearly and Monthly Reports of Cities.

California—Sacramento.—Month of April, 1895. Estimated population, 30,000. Total deaths, 39, including phthisis pulmonalis, 6.

CONNECTICUT—Hartford.—Month of April, 1895. Estimated population, 60,000. Total deaths, 71, including phthisis pulmonalis, 4; scarlet fever, 1; and croup, 2.

DELAWARE—Sussex County (published incorrectly as mortality statistics for Wilmington in Abstract dated May 10, 1895).—Quarter ended March 31, 1895. Estimated population, 38,000. Total deaths, 78, including phthisis pulmonalis, 14; enteric fever, 2; and croup, 3.

FLORIDA—Ocala.—Month of April, 1895. Estimated population, 5,000; One death. No deaths from contagious diseases.

Pensacola.—Month of April, 1895. Estimated population, 15,000. Total deaths, 20, including phthisis pulmonalis, 3; and enteric fever, 1.

Tampa.—Month of April, 1895. Estimated population, 18,000. Total deaths, 22, including 2 from phthisis pulmonalis.

Kentucky—Louisville.—Month of April, 1895. Estimated population, 200,000. Total deaths, 366, including phthisis pulmonalis, 43; enteric fever, 9; smallpox, 1; diphtheria, 1; croup, 2; and measles, 3.

MASSACHUSETTS—Newton.—Month of April, 1895. Estimated population, 30,278. Total deaths, 35, including phthisis pulmonalis, 2; and enteric fever, 1.

Northampton.—Month of April, 1895. Estimated population, 16,400. Total deaths, 12, including phthisis pulmonalis, 1; and whooping cough, 1.

MICHIGAN.—Week ended May 5, 1895. Reports to the State board of health, Lansing, from 51 observers, indicate that inflammation of kidney increased, and pneumonia, pleuritis, influenza, and tonsilitis decreased in area of prevalence. Phthisis pulmonalis was reported during the week at 143 places; scarlet fever at 36; diphtheria at 20; measles at 20; enteric fever at 10; and smallpox at 2 places—Brownstown Township and Detroit.

Grand Rapids.—Month of April, 1895. Population, 80,000. Total deaths, 106, including phthisis pulmonalis, 12; enteric fever, 4; scarlet fever, 2; and diphtheria, 1.

MINNESOTA—*Minneapolis*.—Month of April, 1895. Estimated population, 223,700. Total deaths, 165, including phthisis pulmonalis, 29; enteric fever, 3; scarlet fever, 1; diphtheria, 5; and whooping cough, 7.

MISSOURI—Kansas City.—Month of April, 1895. Population, 132,716. Total deaths, 102, including phthisis pulmonalis, 4; croup, 2; measles, 1; and whooping cough, 3.

NEW HAMPSHIRE—Concord.—Month of April, 1895. Estimated population, 19,000. Total deaths, 33, including 4 from phthisis pulmonalis.

NEW YORK—Buffalo.—Month of April, 1895. Estimated population, 315,000. Total deaths, 351, including phthisis pulmonalis, 37; enteric fever, 5; scarlet fever, 4; diphtheria, 5; croup, 5; and whooping cough, 5.

OHIO—Columbus.—Month of April, 1895. Estimated population, 100,000. Total deaths, 98, including phthisis pulmonalis, 22, and scarlet fever, 1.

PENNSYLVANIA—Williamsport.—Month of April, 1895. Estimated population, 35,000. Total deaths, 26, including 3 from phthisis pulmonalis.

SOUTH DAKOTA—Sioux Falls.—Year ended April 30, 1895. Estimated population, 13,564. Total deaths, 93, including phthisis pulmonalis, 7; enteric fever, 7; and diphtheria, 2.

TENNESSEE—Clarksville.—Month of March, 1895. Estimated population, white, 6,000; colored, 4,000; total, 10,000. Deaths, white, 3; colored, 6; total, 9, including 1 from phthisis pulmonalis.

Memphis.—Month of April, 1895. Estimated population, white, 28,064; colored, 27,859; total, 55,923. Deaths, white, 45; colored, 55; total, 100, including phthisis pulmonalis, 17; enteric fever, 1; and diphtheria, 2.

Murfreesboro.—Month of March, 1895. Estimated population, white, 3,000; colored, 2,000; total, 5,000. Deaths, white, 2; colored, 3; total, 5, including 1 from phthisis pulmonalis.

Nashville.—Month of April, 1895. Estimated population, white, 54,595; colored, 33,159; total, 87,754. Deaths, white, 79; colored, 72; total, 151, including phthisis pulmonalis, 25; enteric fever, 1; scarlet fever, 2; and croup, 1.

TEXAS—Laredo.—Month of April, 1895. Estimated population, 12,000. Total deaths, 12, including 1 from phthisis pulmonalis.

WISCONSIN—*Milwaukee*.—Month of April, 1895. Estimated population, 275,000. Total deaths, 321, including phthisis pulmonalis, 31; smallpox, 4; enteric fever, 6; scarlet fever, 1; diphtheria, 8; croup, 2; and whooping cough, 6.

PUBLICATIONS RECEIVED.

Annual Report of the Board of Health of the City of Winona, Minn., for the year ended March 31, 1895.

Reports of the Board of Health and Health Officer of the City of Concord, N. H., for the year 1894.

Tablettes Mensuelles de la Société Royale de Médecine Publique de Belgique, Mars, 1895.

Second Annual Report of the Provincial Board of Health of Nova Scotia, 1894.

Table of Temperature and Rainfall, Week ended May 13, 1895.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temp	erature in Fahrenhe	degrees it.	Rainfall in inches and dredths.					
·	Normal.	*Excess.	*Defic'ncy.	Normal.	Excess.	Deficiency			
Al									
tlantic Coast: Eastport, Me	46	8		. 98		.5			
Portland, Me	52	12	***************************************	.70	.40	.,			
Northfield, Vt	51	ii		.61	.29	•••••			
Boston, Mass	54	16		.77	.33	•••••			
	55	îĭ		.73		.0			
Vineyati navel, Mass	50	8		.81		.3			
Woods Hole, Mass	52	4		.75	. 05				
Block Island, R. I	50	6		.84	.36				
New Haven, Conn	55	9		. 84		.3			
		6		.84	. 36				
Albany, N. Y. New York, N. Y. Harrisburg, Pa	57	9		. 63	. 17				
New York, N. Y	58	6		.70		.6			
Harrisburg, Pa	58	8		1.15		.4			
Harrisburg, Pa	61	7		.63		.5			
Atlantic City, N. J	55	5		.60		.3			
Baltimore, Md	62	6		.77	.13	·			
Washington, D. C	62	6		.84					
Lynchburg, Va	65	5		.84	.96	ļ 			
Cape Henry, Va	63	3		.87					
Washington, D. C. Lynchburg, Va. Cape Henry, Va. Norfolk, Va. Charlotte, N. C.	64	4		. 91					
Charlotte, N.C	67	1		.98	1.42	1			
Raleigh, N. C	66	2		1.31					
Kittvhawk, N. C	64	2		.89	.01				
Charlotte, N. C. Raleigh, N. C. Kittyhawk, N. C. Hatteras, N. C. Wilmington, N. C. Columbia, S. C. Chayleston, S. C.	65	3		. 95	2.75				
Wilmington, N. C	68	2		.90	. 10				
Columbia, S. C	71		. 1	.92	.08				
Charleston, S. C	71		. 1	. 85	.75]			
Augusta, Ga	72		. 2	.77					
			. ī	. 40					
Jacksonville, Fla	74	0	1	. 92		.:			
Titusville, Fla	75		1	1.07	1.03				
Juniter, Fla	75	0		1.73	. 47				
Jacksonville, Fla	79		1	.74		.:			
		1	_	1					
Atlanta, Ga	68		. 2	. 49	1.01				
Tampa, Fla	75	0		. 54		.:			
Pensacola, Fla	73		. 3	.70	1.30				
Mobile, Ala	73		. 3	.98		!			
			4	. 91					
Meridian. Miss	69		. 3	1.33	2.07				
Meridian, Miss	72		. 4	1.14					
New Orleans La	74		. 2	1.12					
			. 3	1.01	. 69				
Fort Smith, ArkLittle Rock, ArkPalestine, Tex	68	0		.99					
Little Rock, Ark	69		. 1	1,26		1.			
Palestine, Tex	71		. 1	1.60		1.			
Galveston, Tex	75		. 3	. 91					
San Antonio, Tex	74		. 2	.77					
Corous Christi, Tex	1 /0		. 3	.74					
hio Valley and Tennessee:	1				ļ	}			
hio Valley and Tennessee: Memphis, Tenn Nashville, Tenn	68	0		. 90					
Nashville, Tenn	66		. 2	.80					
Chattanooga, Tenn	67		. 3	. 98					
Knoxville, Tenn	65		. 1	.84	2.46				
Louisville, Ky	65	1		.84					
Indianapolis, Ind	61	3		. 91					
Cincinnati, Ohio	63	3		.75					
Columbus, Ohio	60	4		1.10	. 50				
Parkersburg, W. Va	62	2		.88	. 12				
Pittsburg, Pa	61	5		.77	.03				
ake Region ·	1				1	1			
Oswego, N. Y	52	8		. 56	.44				
Rochester, N. Y	54	8		. 64	. 96				
Oswego, N. Y Rochester, N. Y Buffalo, N. Y	52	6		.70	. 30				
Erie, Pa	54	6		.74	. 26				
Cleveland, Ohio	55	5		.70					
Sandusky, Ohio	56	6		. 77	.13				
Toledo, Ohio	57	3		.70	.50				
Detroit, Mich	56	4 2		. 75					
Buffalo, N. Y Erie, Pa Cleveland, Ohio	56			. 63					
	50	10		. 70	.10				
Alpena, Mich	4.	3		.80	.30				
	. 44	8	1	. 49	1.51	1			
Sault Ste. Marie, Mich Marquette, Mich		4		. 56	2.04	1			

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

Table of Temperature and Rainfall, Week ended May 13, 1895—Continued.

Locality.	Temp	erature in Fahrenhe	degrees it.	Rainfall in inches and hundredths.					
	Normal.	*Excess.	*Defic'ncy.	Normal.	Excess.	Deficienc			
ake Region—Continued.									
Green Bay, Wis	51	5		. 62	1.98				
Grand Haven Mich	52	2		.74	. 86				
Grand Haven, Mich Milwaukee, Wis	52	4		.77	.03				
Chi-	55 55	5		.84					
Chicago, Ill Duluth, Minn	99				•••••••••				
pper Mississippi Valley:	!	4		. 69					
St. Paul, Minn	55			.70	.00				
La Crosse, Wis Dubuque, Iowa	56	2		. 63					
Dubuque, Iowa	57	5		.87					
Davenport, Iowa	58	4	·	1,00		1.			
Des Moines, Iowa	59	3		1.06	' 				
Keokuk, Iowa	60	4		.88	0.2	·			
Springfield, Ill	61	l ŝ		1.12	0.8				
O-i TII	01	ŏ		.84					
Cairo, Ill	66								
St. Louis, Mo	64	4		.86					
lssouri Valley:	1	1		1		1			
Columbia, Mo	60	6		1.40					
Springfield, Mo	66	ļ	2	1.40					
Kansas City, Mo	62	4		91					
Wichita, Kans	64	1 4		1.14					
Wichita, Kalis	CO			1.12	·····				
Concordia, Kans	60	6		.92	·				
Omaha, Nebr		2		.98					
Yankton, S. Dak	57	1	·	.94					
Valentine, Nebr	55	1		.82		1			
Huron, S. Dak	53	3		. 77		ļ			
Pierre, S. Dak	55	5							
Moorehood Minn	51	3				!			
Moorenead, Minn		4							
Moorehead, Minn	48			1 .50					
Bismarck, N. Dak	52	2							
Bismarck, N. Dak Williston, N. Dak	52	2		.35					
ocky Mountain Region:	•		1	1	:				
Havre, Mont	51	1	. 1	.21					
Helena, Mont	51	1	i	28					
Miles City, Mont	54	2		46					
David City, Mont	51	3		87					
Rapid City, S. Dak Spokane, Wash	21		1	28					
Spokane, wash	55		. 1	43					
Wallawalla, Wash Baker City, Oreg	61		. 1	1 .40					
Baker City, Oreg	. 52	0		42		ų.			
Winnemucca, Nev	52	6							
Salt Lake City, Utah	. 57	3		. 47					
Lander, Wyo		1		69					
Cheyenne, Wyo	49	3							
March Dieses Make	56	1 2							
North Platte, Nebr	55	3		74					
Denver, Colo Pueblo, Colo	. 22			28					
Pueblo, Colo	. 57	3		1 .20		1			
Dodge City, Kans Oklahoma, Okla	. 62	2				·! _			
Oklahoma, Okla	65	5		1.19					
A hilene. Tex	.: 70) 0		1.02					
Santa Fe, N. MexEl Paso, Tex	54	6		.14		.i			
El Paso Tex	71) š							
Tucson, Ariz	72	š	;						
aid - Coast			,	., .,,					
cific Coast:	49	1	1	1.00	.10	1			
Tatoosh Island, Wash Port Angeles, Wash	49	1 *		1.00	.10				
rort Angeles, Wash	50	ļ	. 2	. 22	.48				
Olympia, Wash	. 54	0		56	.34				
Fort Canby, Wash	. 52	2		59	. 41				
Astoria, Oreg	. 56	0		. 63	. 47				
Astoria, Oreg Portland, Oreg	58		. 2	. 66	1	.1			
Roseburg, Oreg	57	1	ī	. 43		1			
Eureka, Cal	53	0	•	71		.1			
Dad Dluck Cal	200	5							
Red Bluff, Cal	. 67								
Carson City, NevSacramento, Cal	. 54	2	·····		·				
Sacramento, Cal	. 64	6			•••••				
San Francisco, Cal	.) 58	8	·	16					
Fresno, Cal	67	5							
Independence, Cal	64	4							
Los Angeles, Cal		3							
Hos Diego Col	03	1 1				1			
San Diego, Cal	61	9			.00	!			
Yuma, Ariz									

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

MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities. Cities	Measles. Whoopin	les.	oing.
Altoona, Pa.		Меав	Whoopi
Altoona, Pa.			
Ashtabula, Ohio			
Augusta, Ga. May 10. 33, 300 17		•••••	
Baltimore, Md. May 11. 434, 439 169 18 2 6 Bath, Me May 4. 8, 723 2 1 1 1 Battle Creek, Mich May 11. 13, 197 6 Bennington, Vt. May 4. 6, 391 4 Binghamton, N. Y.			
Binghamton, N. Y. do. 35,005 10 1 Boston, Mass. do. 448,477 218 24			
Binghamton, N. Y. do. 35,005 10 1		•••••	
Binghamton, N. Y			
Braddock, Pa. do. 8,561 5 Braddock, Pa. Brok Parket			
Braddock, Pa. do. 8,561 5 Braddock, Pa. Broskol, R. I. <	1		•• ••••
Brook line, Mass.	1		
Brook line, Mass.			
Butte, Mont		•••••	
Butte, Mont	6	6	
Butte, Mont			
Butte, Mont. May 4. 10, 723 8 8 Cambridge, Md. May 11. 70,028 34 7 2 Carlisle, Pa. do. 7,620 4 Charleston S. C. May 4. *54,955 † 23 1 Cincinnati, Ohio. May 10. 226,908 133 10 2 1 Cleveland, Ohio. May 11. 261,353 105 13 3 2 1 Columbus, Ohio, do. 88,150 25 9 Council Bluffs, Iowa. May 5. 21,474 6 1 1	••••	•••••	•••••
Charleston S. C. May 4. *54, 955 † 23 1			••,•••
Charieston S. C. May 4. *54, 955 † 23 1 Cincinnati, Ohio. May 10. 226, 908 133 10 2 1 4 Cleveland, Ohio. May 11. 261, 353 105 13 3 2 1 Columbus, Ohio, 88, 150 25 9 Council Bluffs, Iowa. May 5. 21, 474 6 1		•••••	
Cincinnati, Ohio May 10 296, 908 133 10 2 1 1 4 Cleveland, Ohio May 11 261, 353 106 13 3 2 1 Columbus, Ohio, 25 9 Council Bluffs, Iowa May 5 21, 474 6 1	••••	•••••	••
Council Bluffs, Iowa May 5 21, 474 6 1	1	1	
Council Bluffs, Iowa May 5 21,474 6 1			
Dayton, Ohio			
Dunkirk, N. Y. May 4 9,416 2 Elgin, Ill. 17,823 4		••••	
Do			
Erie, Pado	 		
Everett, Massdo11, 068 5		•••••	•-
Fint, Mich			
Do			
Fort Smith, Ark			
Do			
Do Mon 4 11 211 0			
Fort Worth, Texdo			
Grand Rapids, Mich May 11 60.278 20 5			
Do Moy 4 11 979 1		••••	•• •••
Haverhill, Mass May 11 27, 412 8			
Hoboken, N. J			- 1
Do			
Do	•••••	••••	••••••
DU May 0 100,000 0/ 10 10 1 1 1 4			
Johnstown, Pa			
Lawrence Mass do 44 654 20			:
Do May 11 44,654 23 3 1 1 1			
Lebanon, Pa	·····		·· ••••
Lynchburg, Va. do. 19,709 7 3			
McKeesport, Pa May 4 20,741 2 3 1 3 1		••••	
Massillon, Ohio			
Do May 11 11,079 2		•••• •	
Memphis, Tenn Apr. 27. 64,495 31 6 Michigan City, Ind May 4 10,776 3 Do May 11. 10,776 3		•••••	
Do			
Millord, Mass			
Do			

^{*}Estimated population, white, 28,870; colored, 36,295. Total, 65,165. †White, 6; colored, 17.

MORTALITY TABLE, CITIES OF THE UNITED STATES—Continued.

-		zi .	rom]	Deat	hs fi	rom-	-			
Cities.	Week ended.	Population, U. Census of 1890	Total deaths from all causes.	Phthisis pul- monalis.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
New Brunswick, N. J. New Haven, Conn New Orleans, La Newport, R. I Newton, Mass North Addams, Mass Do Norristown, Pa North Attleboro, Mass Oneonta, N. V. Oneonta, N. Y. Oneonta, N. Y. Ontumwa, Iowa	May 4 May 11 May 4 May 11 dodo	10, 830 76, 168 6, 218 40, 733 18, 603 81, 298 242, 039 19, 457 24, 379 1, 515, 391 16, 074 16, 074 19, 791 14, 990 6, 272 140, 452 6, 272 14, 001	5 28 1 1 20 7 30 191 6 8 815 5 6 6 2 4 1 1 18 7 6	1 5 22 1 88 88 88 1 1 1 1 1 1 1 1 1 1 1 1 1		2				3 	13	3 1 48	24	6
Do	May 11dododododododo	14, 001 13, 028 11, 750 1, 046, 964 17, 281 13, 285 22, 206 132, 146 24, 558 58, 661 81, 388 183, 896 16, 159 298, 997	3 7 9 471 7 5 8 69 6 30 19 54 4 113	1 54 2 7 1 2 3 5		1				10 1 1 1	5	1 15 1 3	2	1
Santa Barbara, Cal. Sault Ste. Marie, Mich. Seattle, Wash. Shreveport, La. Sioux Falls, S. Dak. Somerville, Mass. South Bethlehem, Pa. Spokane, Wash. Springfield, Mass. Sterling, Ill Superior, Wis. Taunton, Mass. Tiffin, Ohio. Utica, N. Y. Waltham, Mass. Warren, Ohio. Washington, D. C. West Bay City, Mich.	do	5, 864 5, 760 42, 837 11, 979 10, 177 40, 152 19, 922 44, 179 5, 824 11, 983 25, 448 10, 801 44, 007 18, 707 5, 973 230, 392 12, 981	0 7 11 9 3 12 5 4 15 2 2 2 5 3 8 8 12 12 2 2 2 2 2 3 3 8 8 8 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	1 2 4									1	
West Bay City, Mich Wilmington, Del Winona, Minn Worcester, Mass Youngstown, Ohio	May 11 do May 4 May 2 May 11	12, 981 61, 431 18, 208 84, 655 33, 220	23 4 24 12	3								1 1 1	1	 1

FOREIGN.

[Reports received from the United States consuls through the Department of State and from other sources.]

Cholera and Yellow Fever as reported to the Supervising Surgeon-General M. H. S., January 4 to May 15, 1895.

CHOLERA.

Places.	Date.	Савев.	Deaths.	Remarks.
Arabia: Camaran Quarantine Sta- tion.	Mar, 23-Apr, 24	85	72	
Mecca	Apr. 22	6		
Argentina:	-	105	E0.	
Buenos Ayres	To Jan. 10 Jan. 1-Jan. 31	125 87	59 27	
	Feb. 1-Feb. 28		45	
•	Mar. 13 Mar. 21	8 5	3	
La Plata	Dec. 29	ĭ		
Montevideo	Mar. 13		8	
	Mar. 16 Mar. 18	16 5	•••••	
	Mar. 21	2	1	i .
Rosario	Mar. 21	8	2	
San Nicholas	Mar.29	7	3	
Austria-Hungary: Galicia	Dec. 3-Feb. 17	877	450	
Belgium	Nov. 18-Nov. 24			
Brazil	Dec. 11-Feb. 4			* Cholera reported.
Alegre Bahia.	Apr. 3 Apr. 3	1	•••••	Cholera reported.
Cachoeira	Feb. 24-Mar. 3	· 40	21	Choicia reported.
Desergano	March 20	11		
Itapemerim Porto Novo	do Apr. 3	50	2	Do.
Rio de Janeiro	Dec. 1-Dec. 31	6	5	20.
	Jan. 1-Jan. 31		45	
	Feb. 1-Feb. 28		105 31	
	Mar. 1-Mar. 28 Mar. 29-Apr. 13	90	5	
Santo Antonio de Muriatre	Apr. 3	18	15	
Volto Redondo Seylon: Colombo	Apr. 8	8		
rance:	Jan. 26-Feb. 2	•	8	
Roubaix	December		3	
lermany Iolland	Dec. 10-Dec. 31	3 7	2	
ndia:	Dec. 8	'		
Bombay	Dec. 11-Jan. 8		4	•
Calcutta	Mar. 5-Mar. 12 Nov. 17-Feb. 13		481	
Calcutta	Mar. 2-Mar. 80		303	
Madras	Dec. 7-Feb. 22 Mar. 2-Mar. 8 Mar. 16-Mar. 30		68	•
•	Mar. 2-Mar. 8		2 2	
apan:	MIGHT. 10-MIRE. 50			
Ĥiroshima	Mar. 29			
Moji	Mar. 19 Mar. 22	18	10	
ussia (governments):	ATA COL . 44		1	
Archangel	Oct. 28-Nov. 3	4	8	
BakuBessarabia	Nov. 4-Dec. 8 Nov. 11-Jan. 12		8 62	
Ekaterinoslav	Nov. 11-Dec. 15	85	26	
Grodno	Nov. 25-Dec. 8	61	85	•
Kiev Kovno	Nov. 11-Dec. 29 Nov. 11-Dec. 29	161 98	71 53	
1201110	Jan. 20-Jan. 21	1	1	
Kurland	Nov. 4-Dec. 15	5	3	
Kursk	Dec. 23-Feb. 2	44	21 3	
12 UL DR	Dec. 2-Dec. 8 Jan. 6-Jan. 19	5	8	

^{*}Towns Cachocira, Cruzeiro; Campo Bello, Barra; Reyende, Quelens, and Volta Redondo.

Cholera and Yellow Fever, etc.—Continued.

CHOLERA—Continued.

Place.	Date.		Саяев.	Deaths.	Remarks.
Russia—Continued.		_ -			
Lomza	Nov. 18-Dec.	9	11	8	
Lublin	Nov. 3-Dec.		45	14	
Minsk	Nov. 16-Dec. 2		49	17	
William	Jan. 6-Jan. 1		5	3	
Mohilev	Nov. 25-Dec. 2		52	16	
Olonetz	Nov. 18-Nov. 2		7	4	
Pensa	Nov. 11-Nov. 2		20	12	
Perm	Nov. 4-Dec.		39	22	
Petrikov	Nov. 25-Dec. 2		74	37	
I CULINUV	Jan. 4-Jan. 1		6	1	
Podolia	Nov. 11-Mar. 2		2,080	894	
Pskov		7	2,000	2	
Radom	Jan. 1-Jan. 2		20	9	
Riasan	Nov. 4-Jan.		52	33	
Saratov	Nov. 11-Dec. 2		26	20	
Sarawv	Jan. 6-Jan. 1		3	1	
Suwalki	Jan. 18-Jan. 2		25	10	
Tambov	Nov. 18-Dec.		42	16	
Taurien	Nov. 4-Dec.		61	35	
1 aurien	Dec. 30-Jan. 2		35	23	
Tchernigov	Nov. 4-Dec. 2		77	23	
Tenernigov	Jan. 13-Feb. 1		8	5	
Tiflis		1	35	11	
Volhynia	Nov. 4-Dec. Nov. 4-Mar. 1		417	176	
Wilna	Nov. 11-Dec. 1		44	18	
Witebst	Nov. 18-Dec. 2		55	32	
w neust	Jan. 6-Jan. 1		5	2	
Yaroslav	Nov. 11-Dec. 2		28	. 6	
urkey:	Nov. 11-Dec. 2		40		
Adalia	Dec. 11-Feb. 1		230	127	
Bitlis	Jan. 3			121	Cholera reported.
Constantinople	Dec. 23			4	Onoiera reporteu.
	Nov. 14-Nov. 2			2	
1.5 Cardena d	Jan. 1-Jan. 3			14	
	Feb. 7-Feb. 2			108	
	Mar. 1-Mar. 3			60	
Hudavendkiar	Nov. 28-Dec. 2		18	11	
Pera	Feb. 21		10	11	Do.
Siverek	Jan. 8-Jan. 2		48	31	Δ0,
Van	Dec. 28		6	3	

YELLOW FEVER.

Brazil:	D 135 00		104		
Rio de Janeiro	Dec. 1-Mar. 30		164		
	Apr. 1-Apr. 13		71		
Santos	Nov. 23-Jan. 5		6		
	Jan. 26-Mar. 2		104		
	Mar. 9-Mar. 16		48		
	Mar. 23-Mar. 30	108	87		
Cuba:			1		
Havana	Dec. 20-Apr. 4	85	30		
	Apr. 4-May 9	16	7.		
Santiago de Cuba	Mar. 1-Mar. 31		. 8 .		
	Apr. 1-Apr. 28		10		
Ecuador:	• •				
Guayaquil	Jan. 24-Feb. 22	14	8		
Mexico:			ł		
Vera Cruz	Dec. 27-Jan. 24		5		
	Feb. 21-Feb. 28		1		
	Mar. 4-Mar. 21		ī		
	Apr. 4-Apr. 18		$\bar{2}$		
Salvador	Dec. 9-Jan. 15		12		
Puerto Rico	Nov. 21-Jan. 9		4	· ·	
t delto itico	Feb. 28-Mar. 6		î		
Venezuela:	100. 20 11441. 0	_	_		
Maracaibo	Feb. 2-Feb. 9		1		
West Indies:	100. 2 100. 0				
Curaçoa	Dec 28-Ten 5	3	3		
Ourayoa	Dec. 20-Jan. J		٥		
-					

Current Quarantine Measures.

[Translated in this Bureau from the "Yeröffentlichungen des Kaiserlichen Gesundheitsamtes," Berlin, April 24, 1895.]

GERMAN EMPIRE—Prussia.—On March 30 the president of the district of Oppeln addressed the following to the local authorities of the districts of Kattowitz, Beuthen, Lublinitz, Tarnowitz, Pless, Kreuzburg, and Rosenberg:

Circulars of June 30, 1894, and July 25, 1894, requiring laborers entering those districts from Russia and Galicia to present a certificate from the police authorities as to the sanitary condition of their place of

departure, are hereby amended.

Such laborers are required to undergo examination by a German physician, said examination being directed both to their persons and effects, with a view to detecting the presence of cholera, choleraic diseases, typhus, and smallpox. In suspicious cases the laborers shall be remanded across the frontier. Laborers on their way through the districts named to other ports of the Empire shall be subject to the same examination.

ITALY.—By ministerial order of April 6 quarantine against French

ports and the Russian ports of the Baltic Sea is suspended.

Turkey.—According to advices received from Smyrna, April 5, the ten days' quarantine for pilgrim vessels from Constantinople for the Hejaz is reduced to forty-eight hours. This measure is restricted to vessels now lying in quarantine. According to advices of April 5 the international sanitary council of Constantinople has ordered an inspection for all arrivals by land caravan from Asia Minor at the lazaretto of Tuzla; for arrivals from Roumelia, quarantine at the lazarettos of Tschataldja or Kallicratia.

BRAZIL.

Sanitary Reports of Rio de Janeiro.

RIO DE JANEIRO, April 9, 1895.

SIR: I have the honor to transmit report for week ended April 6, 1895. There were 19 deaths from accesso pernicioso, the same as in the foregoing week; 39 from yellow fever, an increase of 19; 5 from smallpox, an increase of 2; 3 from enteric fever, a decrease of 11; 9 from beriberi, an increase of 2; 5 from cholera, an increase of 3; 1 from cholerina, the same as in the foregoing week; 10 from choleriform diarrhea, an increase of 4; 1 from choleriform enteritis, and none from "accesso pernicioso choleriform," against 1 reported from this cause (whatever it is) last week. The total from all causes was 391, an increase over the previous week of 59.

Yellow fever.—The increase in yellow fever cases may be due to the hot and sultry weather prevailing, but it is to be thought that this can not continue at this season. I have heard of several cases amongst the shipping, but none on board ships bound for the ports of the United

States.

Cholera.—This disease continues pretty much in the same intensity, and does not appear to be extending. I believe that most, if not all the choleriform diseases reported are cholera, as there appears to be an unwillingness to characterize this disease by its proper name; besides, cholera or noncholera has become almost a party question, unfortunately, and men appear to decide, not from a scientific point of view, but for party reasons, which feeling I believe to have been a cause of the intro-

duction of the disease into this town. On the 3d of April a telegram from Bahia announces cases there. Santo Antonio de Muriatre had 18 cases, with 15 deaths. It reappeared in Porto Novo. In Volto Redondo 1 case appeared, and in the plantations named, Barra, Fanae, and Monte Redondo, there were 12 deaths in twelve hours. One case appeared in Alegre, in Espirito Santo, though the disease is reported as finished in that State. Most of the deaths here were in the insane asylum and some in the military school near it. Both institutions have been disinfected, isolated, and closed. I hope to have a more hopeful report to make next week.

Since last report the following-named ships have been inspected and received bills of health from this office. April 2, bark *Flora*, British, for Brunswick, Ga.; April 3, steamship *Euclid*, British, for New York; April 6, steamship *Turkish Prince*, English, from Buenos Ayres to New York; and April 8, steamship *Bessel*, British, from Santos for New York.

Respectfully, yours,

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

RIO DE JANEIRO, April 16, 1895.

SIR: I have the honor to inclose report for week ended April 13, 1895. There were 17 deaths from accesso pernicioso, the same as in the foregoing week; 32 from yellow fever, 7 less; 6 from smallpox, 1 more; 3 from enteric fever, the same as in the previous week; 4 from beriberi, a decrease of 5; 1 from measles, 1 from whooping cough; 2 from cholera, a decrease of 3; 2 from cholerina, an increase of 1; and 9 from other so-called choleraic diseases, a decrease of 2. There were 364 deaths from all causes, which is 27 less than in the previous week.

Cholera.—This disease appears to be declining wherever it has appeared. Here it does not appear to be spreading. Some see cholera in every summer diarrhea that appears, and others invent extraordinary names to cover cases called cholera in other parts, as witness the list

of death cases which accompanies this letter.

Yellow fever.—There were 7 deaths less from this cause during the week than in the one before. I think it is too late in the season to fear

an epidemic from this disease.

Since last report, the following named ships have been visited and received bills of health from this office: April 10, barkentine Josephine, American, for Baltimore, Md.; April 13, steamship Dalton, British, for New Orleans; April 16, steamship Moorish Prince, British, for New York, and steamship Mexican Prince, British, for New York.

Respectfully, yours,

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

CUBA.

Yellow Fever in Santiago during April, 1895.

SANTIAGO DE CUBA, May 3, 1895.

SIR: I have the honor to inform you that I have received an official report from the sanitary board of this place, stating that the total number of deaths in this city from yellow fever during the last fifteen days of April was 11. The number of cases were unknown.

Very respectfully, your obedient servant,

PULASKI F. HYATT, United States Consul.

JAPAN.

Relative to the Introduction of Cholera into Japan.

YOKOHAMA, JAPAN, April 19, 1895.

SIR: My last report was written March 19, and inclosed copies of telegrams announcing the occurrence of a few, chiefly isolated, cases of cholera at the Japanese ports in closest communication with the seat of war, viz, Ujina, Moji, etc., all in southern Japan, some 500 miles from Yokohama. Since the date mentioned, importations of Since the date mentioned, importations of cholera to the same region have been of frequent occurrence, scarcely a transport, a man of war, arriving either from Manchuria or the Pescadores without one or more cases of cholera on board. The very active measures taken by the authorities have, however, so far proved successful in controlling the spread of the disease, which has nowhere in Japan assumed epidemic form. There was, last night, a disquieting report that single cases have appeared in Matsugama, on the large island of Kiu-Siu, at some distance from the naval and military stations, and in the great central city of Osaka. The proof of the genuineness of these cases is, however, not yet complete.

The situation is, unquestionably, a grave one. Peace has been concluded by the plenipotentiaries, and, if ratified, will speedily be followed by the return of the armies and large bodies of coolies, employed in transportation, who, in dispersing to their homes, will almost inevi-

tably distribute disease widely throughout the country.

The Government will bravely grapple with the danger, but conditions more favorable for the introduction and propagation of epidemic disease

can scarcely be imagined.

Inspection of all vessels coming from suspected localities, domestic and foreign, to be followed, of course, by the necessary quarantine, where required, is already in force throughout Japan. In this connection I may say that a new quarantine station for Yokohama and Tokyo has just been completed at Nagahama, some 10 miles below this port, which, in completeness of equipment, convenience, and in its provision for the comfort and welfare of those detained for observation or treatment, is, probably unsurpassed in any country. The control of this station is vested in the hands of my English colleague, Dr. E. Wheeler, and myself, as senior health officer of the port of Yohohama, a large and competent staff assisting us.

After consultation with the consul-general, Mr. N. W. McIvor, it has been decided to enforce the most rigid inspection of all ships bound for the United States, the personal examination to include all on board, irrespective of class of passage, or of the points at which they have

entered the ship.

Should any emergency occur warranting such action, I shall immediately cable you through the United States consul-general.

I remain, sir, very respectfully,

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

TURKEY.

Cholera at Mecca, Arabia—Sanitary Report of Constantinople.

[Report 121.]

CONSTANTINOPLE, April 24, 1895.

Cholera has broken out at Mecca. On the 22d instant the sanitary physician at Mecca wired that 6 cholera cases had been observed in the

holy city of Mecca. The first of the cases occurred in a woman, a pilgrim, who had arrived from the Cape of Good Hope. The second case occurred in a pilgrim who had arrived from Morocco, and the third cholera case occurred in a pilgrim who arrived from Soudan. The 3 other cases were observed among the soldiers in the military hospital. On the evening of the same day (22d instant), 2 cholera deaths were registered. It is neither astonishing nor extraordinary to see an epidemic of cholera in the Hejaz. Two years ago cholera broke out in the Hejaz on the day of Bairam, and nearly 50 per cent of the pilgrims became victims of cholera. Is it the revival of the same cholera of two years ago, or has it been brought from abroad, Camaran or Constantinople? That is the question which nobody can answer. From the day of the outbreak of cholera at Mecca until the next Bairam there are two months, during which time the pilgrims will continue to arrive, and may have cholera.

In order to prevent the eventual contamination of the pilgrims, it was decided at the last meeting of the International Sanitary Commission to propose to the Turkish Government to forbid the pilgrimage, as the French, Russian, and Persian Governments did some years ago. Up to this date there are only 25,000 pilgrims in the Hejaz, but more are arriving, and on the days of Bairam from 200,000 to 300,000 are thronged at Mecca. These pilgrims have to undergo their quarantine at Camaran, where, according to the medical reports, the soil is already cholera-infected, and the disinfection is difficult on account of lack of employees.

In the lazaretto of Camaran 85 cholera cases have been registered, of which 72 proved fatal.

In Constantinople, during the month of March, 1,338 deaths were registered, of which 60 are attributed to cholera and 97 to smallpox. Measles and typhoid fever are still raging. It is to be noticed that typhoid fever is caused by the bad condition of drains and sewers. There are also some cases of diphtheria.

SPIRIDION C. ZAVITZIANO.

STATISTICAL REPORTS.

AFRICA—Mozambique.—Year of 1894. Estimated population, 10,000. Total deaths, 196, including phthisis pulmonalis, 6; and measles, 3.

Month of January, 1895. Total deaths, 20, including 1 from phthisis pulmonalis.

CUBA—Havana.—Under dates of April 27, May 4, and May 11, 1895, the United States consul reports as follows:

There were 145 deaths in this city during the week ending April 25, 1895. One of those deaths was caused by yellow fever, with 3 new cases approximately; 2 were caused by enteric fever, 4 by so-called pernicious fever, 1 by paludal fever, 2 by diphtheria, 6 by enteritis, 3 by dysentery, 9 by smallpox, 1 by measles, 1 by the grippe, 9 by pneumonia, and 3 by glanders.

During the month of April, 1895, there were 575 deaths in this city. Six of those deaths were caused by yellow fever, 12 by enteric fever, 9 by so-called pernicious fever, 1 by paludal fever, 5 by diphtheria, 44 by enteritis, 4 by dysentery, 27 by smallpox, 2 by measles, 2 by the grippe, 21 by pneumonia, and 3 by glanders.

During the week ending May 2 there were 145 deaths, 1 of which was caused by yellow fever, with approximately 3 new cases, 4 were caused

by enteric fever, 3 by so-called pernicious fever, 1 by diphtheria, 19 by enteritis, 1 by dysentery, 7 by smallpox, and 2 by pneumonia.

There were 134 deaths in this city during the week ending May 9, 1895. One of those deaths was caused by yellow fever, with approximately 4 new cases, 3 were caused by so-called pernicious fever, 1 by diphtheria, 18 by enteritis, 4 by dysentery, 8 by smallpox, 6 by pneumonia, and 1 by cholera infantum.

GREAT BRITAIN—England and Wales.—The deaths registered in 33 great towns of England and Wales during the week ended April 27 corresponded to an annual rate of 18.9 a thousand of the aggregate population, which is estimated at 10,591,530. The lowest rate was recorded in Croydon, viz, 10.4, and the highest in Bolton, viz, 29.3 a thousand.

London.—One thousand five hundred and eight deaths were registered during the week, including measles, 26; scarlet fever, 9; diphtheria, 27; whooping cough, 44; enteric fever, 5; and diarrhea and dysentery, 13. The deaths from all causes corresponded to an annual rate of 17.9 a thousand. In greater London, 1,916 deaths were registered, corresponding to an annual rate of 16.5 a thousand of the population. In the "outer ring" the deaths included 16 from diphtheria, 6 from measles, and 7 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended April 27 in the 16 principal town districts of Ireland was 28.5 a thousand of the population. The lowest rate was recorded in Dundalk, viz, 12.6, and the highest in Sligo, viz, 55.8 a thousand. In Dublin and suburbs 181 deaths were registered, including smallpox, 1; enteric fever, 1; diphtheria, 1; and whooping cough, 1.

Scotland.—The deaths registered in 8 principal towns during the week ended April 27 corresponded to an annual rate of 20.6 a thousand of the population, which is estimated at 1,500,435. The lowest mortality was recorded in Greenock, viz, 15.1, and the highest in Leith, viz, 25.6 a thousand. The aggregate number of deaths registered from all causes was 594, including smallpox, 1; measles, 26; scarlet fever, 3; diphtheria, 3; and whooping cough, 24.

Dundee.—Month of March, 1895. Estimated population, 160,163. Total deaths, 386, including phthisis pulmonalis, 34; enteric fever, 1; measles, 5; diphtheria, 2; and whooping cough, 7.

SPAIN—Barcelona.—Population, 318,000. Total deaths, 816, including smallpox, 16; phthisis pulmonalis, 100; enteric fever, 18; diphtheria, 21; and measles, 42.

MORTALITY TABLE, FOREIGN CITIES.

	-			Deaths from—								
		hude	from				Jeau	па 11	ош-		,	
Cities.	Week ended. Estimated population.	Total deaths all causes	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.	
Acapulco	Apr. 27	5,000	8									
Aden Aix la Chapelle	Mar 16	33, 561 110, 192	19 52			1						
Alexandria	Apr. 1	231, 396	144			1 2		1		l	l	
Do Amapala	Mar. 30	231, 396 1, 500	125 0									
Do Do	Apr. 6	1,500 1,500	0									•••••
Amhersthurg	May 4	2,300	0									
Amsterdam	Apr. 27 Apr. 17	451,598 28,000	176 8			1						1
Belfast	Apr. 27	273, 277	172				1	2		1	2	3
Belleville Berlin	May 6 Apr. 13	10, 318 1, 820, 340	613						13	10		•••••
Rirmingham	Apr. 27	496, 751	159					1		2		2
Bologna Bombay	do Apr. 9	142, 810 853, 926	78 566									
Do	Apr. 16	853, 926	562									
Bristol	Apr. 20 Apr. 27	228, 139 228, 139	87 58								ï	
Brussels	Apr. 20	498, 400	173				 .		3		3	
Budapest	Apr. 22 Apr. 1	600,000 374,838	335			4		1		5		1
Do	Apr. 8	374,838	389	122		3	1	3		ļ		
CalcuttaCallao	Mar. 30 Apr. 14	681, 560 25, 000	869 18								10	1
Cardiff Do	Apr. 13	155, 637	62 50							5	2	•••••
Do	Apr. 27	155, 637 155, 637	38						1	1	2	
Catania	Apr. 23	120,000	90 89		1	l	1	!		2 2	19	•••••
Christiania	Apr. 27	150,000 175,000	64						î			
Cienfuegos	May 6	23,000 2,500	22 1				•••••					•••••
Coaticook	Apr. 27	17,500	4									
Cologne	ADr. 20	314, 086 130, 000	129 76					2		2	2	4
Do	Apr. 6	130,000	86					1			2	
Copenhagen Crefeld	Apr. 20 Apr. 27	341,000 106,394	128 24							3	1	3 1
Dublin	do	350,000	181			2		ļ				
Dundee Dusseldorf	Apr. 20	160, 163 163, 732	59 74					1		1	1	2
Flushing	Apr. 20 Apr. 27	15,584	9									i
Frankfort on the Main Funchal Do	Apr. 13	226, 000 35, 665	70 20					1	1	1		
Genoa	Apr. 13 Apr. 20 Apr. 27	35, 665	23 99							3	2	
Ghent	do	182, 268 155, 746	5 9							 		
GibraltarGirgenti	A 22 P 90	25, 800 23, 847	2 7									•••••
Glasgow	Apr. 27 Apr. 13	695, 876	288			1	ļ		2	2	6	17
Do	Apr. 13 Apr. 20	110, 400 110, 400	50 49						1 2	1	2	ï
Holifor	May 4	110, 400 38, 700 608, 710	21									
Hamburg	Apr. 27 Mar. 30	205,000	223 84						3	5		1
Do	Apr 6	205, 000 205, 000	100 75	ļ								₂
Do Hiogo	Apr. 13 Mar. 30	153,055	95					2				
Do	Apr. 6	153, 055 153, 055	73 86				ļ	5				
Honkong	Mar. 23	232, 262				1		1				
Honolulu Do		23,000 23,000	12 16									
Kehl-Strasburg	Apr. 13	129, 556	75					1			5	
Do Kingston, Can	Apr. 20 May 10	129, 556 17, 808	55 5						1		7	
Konigsburg	Apr. 27	169, 200							1	1		
Leeds Leghorn,	do	595, 546 103, 277	130 43								1	4
Liverpool	do	160, 848 503, 967	52 224					3	1 3	1	3	13
London, Can	do	35,000	2									
Do	May 4	35,000	10	l	·····	l	l	l	l	l		l

MORTALITY TABLE, FOREIGN CITIES—Continued.

		popula	from .	Deaths from—								
Cities.	Week ended.	Estimated poption.	Total deaths f	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping
London, Eng	Apr. 27	6, 048, 555	1,916					6	12	43	32	
Lyons Madras	Apr. 20	500,000	209 268					1	ļ	7		···
Madrid	Apr. 5 Apr. 21	452,518	268 460		•			9	ļ	•••••	8 71	
Magdeburg	Mar. 9	482, 816 223, 948	97		•••••	•••••		,		7	11	ļ
Mannheim	Apr. 20	88,000	32							i		
Manila	Feb. 23	400,000	126									l:::
Do	Mar. 2	400,000	103									1
Do	Mar. 9	400,000	93				. .					l
Do	Mar. 16	400,000	116									l
Do	Mar. 23	400,000	123									ļ. . .
Do	Mar. 31	400,000	79					•••••		•••••		ļ
Maracaibo	Apr. 20	42,000	20	•••••								ļ
Marsala	Apr. 13	40, 131	22	•••••				1	· •••• •	•••••	•••••	
Do Matamoras	Apr. 20	40, 131	28 15	•••••		1		•••••		•••••		
Matanzas	May 3 May 1	8,000	20	•••••		•••••		•••••		•••••	1	l
Mayence	Apr. 20	50,000 72,281	38	•••••				•••••		1	1	
Moscow	Apr. 13	800,000	544			1	3	1	3	15	11	
Do	Apr. 20	800,000	592				5	î	3	9	6	1
Munich	do	396,000	198				l			4	ž	1
Naples	Apr. 26	570,000	255			2	2	2		ī	ī	١
Newcastle on the Tyne	Apr. 27	207, 021	74						1	1	2	1
Nogales	May 4	1,500	1									l
Nuremberg	Apr. 13	162, 628	73									ı
Odessa	Apr. 20	324,500	163				•••••	2				
Palermo Paris	do	273,000	134	•••••	•••••		•••••			1		ļ
Do	Apr. 13 Apr. 20	2, 424, 705 2, 424, 705	767			2		5	2	7	4	
Do	Apr. 27	2, 424, 705	1,037 $1,032$	•••••				4	6	8	6	l
Paso del Norte	do	8,000	1,032					*	١٠	٥	٥	1
Plymouth	do	86,781	38								6	١
Prague Puerto Cortez	Apr. 20	194, 132	134					1				1
Puerto Cortez	May 1	1,500	1									١
Quebec	May 4	70,000							ļ	1		١
Queenstown,	Apr. 27	15,000	2	•••••					ļ		••••	١
Rheims	Apr. 20	105, 408	52				1		ļ		•••••	١
Do	Apr. 27	105, 408	50								•••••	l
Rio de Janeiro Do	Apr. 6	600,000	••••••	5	39	5		3			••••	1
Rotterdam	Apr. 13 Apr. 27	600, 000 272, 042	139	2	32	6	·····	3	1	1	1 2	
Sagua la Grande	May 4	17,536	10			1		•••••	1	-		١
St. Georges	do	15,013	ĩ									1
St. Petersburg	Apr. 20	1, 100, 000	656			2	1	6	17	7	8	١
St. Petersburg St. Stephens	May 4	2,700	1	*****								١
St. Thomas	Apr. 5	12,019	22						ļ. 			١
Do	Apr. 12	12,019	15					į				١
Do	Apr. 19	12,019	23		•••••	•••••	••••	•••••				١
Ban Pedro Schiedam	Apr. 27	3,800	0 11	•••••	•••••	•••••					•••••	
Sheffield	do	25, 983 343, 016	112			•••••		1	1		9	
Bonneberg	Mar. 31	12,000	6					1			,	١
Do	Apr. 7	12,000	6									1::
Southampton	Apr. 27	67, 913	20					1				١.
Stettin	Apr. 20	133,000	56						ļ			١.,
**************************************	do	209, 304	91						1	1		
Stockholm	Apr. 25	139, 659 137, 705	36							··· <u>·</u> ··		1
Stockholm Stuttgart	Apr. 20	137,705	52		ļ			2	·····	1		1
StockholmStuttgartStuttgartSunderland	Apr. 27	05 050	21					•••••				1
Stockholm Stuttgart Sunderland Swansea	Apr. 27 do	95, 370					1		1			1
StockholmStuttgartStuttgartSwanderlandSwansea	Apr. 27 do Apr. 13	95, 370 12, 000	4				1	1	1	i	1	
StockholmStuttgartStuttgartSwanderlandSwansea	Apr. 27 do Apr. 13 Apr. 20	95, 370 12, 000 12, 000	4 5									1
Stockholm Stuttgart Sunderland Sunderland Tegucigalpa Do Trapani	Apr. 27 do Apr. 13 Apr. 20	95, 370 12, 000 12, 000 43, 095	4 5 11						1		1	:-
StockholmStuttgartSunderlandSwansea	Apr. 27 do Apr. 13 Apr. 20 do	95, 370 12, 000 12, 000 43, 095 158, 314	4 5 11 85					1	1	1	1	
Stockholm Stuttgart Sunderland Swansea. Pegucigalpa. Do. Trapani Trieste. Vera Cruz.	Apr. 27 Apr. 13 Apr. 20 dodo May 2 Apr. 6	95, 370 12, 000 12, 000 43, 095 158, 314 25, 500 515, 654	4 5 11			1	2	1		4	1	
Stockholm. Stuttgart. Sunderland Swansea. Fegucigalpa. Do Frapani Frieste. Vera Cruz.	Apr. 27 Apr. 13 Apr. 20 dodo May 2	95, 370 12, 000 12, 000 43, 095 158, 314 25, 500	4 5 11 85 25									

By authority of the Secretary of the Treasury: