

ABSTRACT OF SANITARY REPORTS.

VOL. X.

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No. 25.

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.]

No New Cases of Smallpox in Clay County, Ark.

LITTLE ROCK, ARK., *June 15, 1895.*

SIR: I have the honor to report as follows concerning the smallpox near St. Francis, Clay County, this State: Advices under date of June 12 state that no new cases have occurred among those who had been exposed, and as the period of incubation has passed no extension of the disease is anticipated. All of the attendants had had smallpox previously to coming in contact with these cases. As soon as those now under treatment are discharged the building and contents will be burned.

Very respectfully,

L. P. GIBSON,

Acting Assistant Surgeon, M. H. S.

Three new Cases of Smallpox in Evansville, Ind.

EVANSVILLE, IND., *June 14, 1895.*

SIR: I have the honor to report the appearance of 2 additional cases of smallpox in this city since my last report.

Very respectfully,

P. M. CARRINGTON,

Passed Assistant Surgeon, M. H. S.

EVANSVILLE, IND., *June 16, 1895.*

SIR: I have the honor to report an applicant for relief transferred from the city office to the municipal hospital June 13 on a probable diagnosis of smallpox. The diagnosis is now confirmed by Health Officer Glover.

Very respectfully,

P. M. CARRINGTON,

Passed Assistant Surgeon, M. H. S.

Report on the Status of Smallpox at Wheeling, W. Va.

WHEELING, W. VA., *June 15, 1895.*

SIR: I have the honor to report to you the present status of smallpox

in Wheeling. From the case of Años Smith, the marine (whose case was reported at the time in due form), to the present time there have been 29 cases, with 3 deaths. With a few exceptions the disease was confined to one locality in the city. There are at present 7 cases, 3 in the pesthouse and 4 at their homes. The city authorities are doing all they can to prevent its spread.

Respectfully,

C. F. ULRICH,
Acting Assistant Surgeon, M. H. S.

Smallpox in Staunton.

STAUNTON, VA., *June 12, 1895.*

SIR: The following is an accurate report concerning the smallpox in our community:

Six cases occurred in the last week, 2 of whom are whites and 4 blacks. All were removed at once to the hospital. This makes a total of 101 cases at the hospital, 37 of whom will be discharged to-morrow. This leaves in town 4 cases, 2 whites and 2 blacks, all ready for their discharge after a bath. At the hospital I have only 2 very sick cases, and have not had a death since my last report to you.

Hoping the above is satisfactory, and trusting my next report will be still more so, I remain,

Very respectfully,

J. B. CATLETT,
City Physician.

STAUNTON, VA., *June 18, 1895.*

SIR: I beg to report the condition of smallpox now with us, viz, no new cases in past week, 1 death. Sixty-three cases are still at the hospital, all of whom (with 3 exceptions) are scaling off fast, and 20 of said number will be discharged this week, and I think about 10 next week.

Hoping the above is satisfactory, I remain,
Very respectfully, yours,

J. B. CATLETT,
City Physician.

Report on the Vaccination of Crews of River Steamers at St. Louis.

ST. LOUIS, MO., *June 14, 1895.*

SIR: I have the honor to report that I have accomplished all that can be done in the vaccination of the crews of river steamers at this port, without the enforcement of quarantine.

The work has been well done, and I transmit herewith a report of the vessels boarded, the number vaccinated, the number who have had smallpox, the number previously successfully vaccinated, the number who refused vaccination, and the total number inspected.

In the case of those who refused there was no means of compulsion, except by establishment of quarantine; but as the proportion of those who refused to those who consented was relatively small, such a measure was not considered necessary.

The vaccinations on board of the vessels were made by two assistant physicians employed for that purpose, and their services have been discontinued from the 13th instant.

In the city office of the service 111 river men were vaccinated from May 13 to June 13, a report of which is also transmitted, and the work was performed by the officer on duty in the office. Previous to May 13

the health department of the city of St. Louis vaccinated the crews of a number of river vessels arriving at and departing from this city. * * *

Respectfully, yours,

D. A. CARMICHAEL,
Passed Assistant Surgeon, M. H. S.

Smallpox in Wisconsin.

MILWAUKEE, WIS., June 17, 1895.

SIR: I have the honor to report that since my last communication, dated June 3, the following concerning smallpox in this State has been received at this office: Oshkosh, Winnebago County, 1 case; Milwaukee, Milwaukee County, 1 case. Total number of cases on hand in city of Milwaukee at present time: In hospital, 1; in homes, none.

Very truly, yours,

U. O. B. WINGATE, M. D.,
Secretary State Board of Health.

NOTE.—The totals of vaccinations and inspections of crews of river steamers referred to above are as follows: Number of vessels inspected, 52; number of seamen who had been successfully vaccinated previously, 923; number of seamen vaccinated, 505; number of seamen who had had variola, 151; number of seamen who refused vaccination, 46; total of seamen inspected, 1,625.

Report on the Cause of the Epidemic of Enteric Fever at Evansville, Ind.

EVANSVILLE, IND., June 7, 1895.

SIR: Referring to Bureau letter of the 4th instant, directing me to investigate and report the cause of enteric fever among the hospital attendants at this station, I have the honor to report as follows: The city of Evansville receives its water supply from the Ohio River, the intake pipe being located below the outlet of some of the city sewers. Into the city sewers is discharged not only such matter as is usually removed in this manner, but also the blood and offal from many slaughter-houses; the contents of the sewers thus doubtless form a favorable medium for the culture of various micro-organisms, and as a matter of fact a competent bacteriologist, employed by the city authorities, reports that he has found typhoid bacilli in great numbers in the sewage and in the water supplied to the consumers. The condition of the sewers, always bad, has been rendered greatly worse during the past year by the unusually light rainfall, and from these causes the typhoid epidemic in the city has undoubtedly arisen. The hospital is supplied with water from the city water works, and the use of this water was, I believe, the cause of the 2 cases at the marine hospital. * * *

The rear end of the hospital reservation was until last fall, and except in very dry weather, almost a marsh, but suspecting it to be a source of malarial infection, I last fall had open drainage ditches dug through that portion of the reservation, which have served their purpose fairly well. Until the epidemic appeared city water was used at the hospital for drinking purposes without precaution other than its filtration through crushed quartz, but recently, since the epidemic appeared, boiled water has been supplied to all patients and other residents of the reservation, but it is difficult to impress upon these people the necessity for such precaution, and vigilance is required to prevent them drinking

water from the hydrants. Although the steamboatmen get their drinking water directly from the river, in front of, below, or above sewers, regardless of the locality they may chance to be in when water is wanted, comparatively few of them have contracted the disease, but this may be accounted for from the fact that they usually take water while under way in midstream where the sewage is more diluted, while the intake pipe of the waterworks is located near shore and just below a sewer outlet. The measures taken by the city authorities having for their object the extinction of the epidemic include the changing of the outlets of sewers discharging into the river above the waterworks so that they discharge below the extension of the intake pipe from near the shore to midstream, and the prohibition of slaughterhouses within the city limits. The authorities were also trying to wash out the sewers, but were unable to do so effectively when, fortunately, nature came to their assistance on the 29th ultimo with a copious and sudden rainfall, which thoroughly flushed all the sewers in town. There was another considerable rainfall on the 4th instant, and already the number of cases of enteric fever being reported shows a decided decrease—42 cases for the week ended the 5th instant against 87 for the preceding week.

Very respectfully,

P. M. CARRINGTON,

Passed Assistant Surgeon, M. H. S.

Disinfection of Steamship Carolina at Reedy Island Quarantine.

REEDY ISLAND, June 16, 1895.

SIR: I have the honor to report that at the request of the agents and owners I have to-day disinfected the Spanish steamer *Carolina*, outward bound to load phosphate rock at Punta Gorda, Fla.

Respectfully, yours,

A. H. GLENNAN,

Passed Assistant Surgeon, M. H. S.

Smallpox in the United States as reported to the Supervising Surgeon-General Marine-Hospital Service, April 1 to June 18, 1895.

Places.	Date.	Cases.	Deaths.	Remarks.
Arizona:				
Nogales.....	Apr. 25-May 2.....	39	2	
	May 22.....	1		
Arkansas:				
Clay County.....	June 3.....	4	2	
Garland County (Hot Springs).	Feb. 1-April 20...	192	44	
California:				
Angel Island Quarantine, San Francisco.	Apr. 20.....	2		Taken from steamship Coptic.
Colorado:				
Pueblo.....	June 1-June 8.....	1		
Connecticut:				
New Haven.....	Apr. 3.....	1		
Florida:				
Key West.....	May 4.....	1		
Illinois:				
Chicago.....	Apr. 1-Apr. 31.....		14	
Indiana:				
Evansville.....	Apr. 30-June 16...	12		
Indianapolis.....	May 6.....	1		
Jeffersonville.....	Apr. 24.....	1	1	
Clark County.....	do.....	3	1	
Tell City.....	do.....	3		
Roby.....	May 6.....	1		
Terre Haute.....	Apr. 24.....	1		
Terre Haute.....	May 6.....	1	1	
Iowa:				
Muscatine.....	Apr. 17.....	1		
Kentucky:				
Ashland.....	Apr. 1-May 8.....	6		
Henderson.....	Apr. 27-June 5.....	1		
Lexington.....	do.....	25	3	
Paducah.....	Apr. 1-May 8.....	30		

Smallpox in the United States as reported to the Supervising Surgeon-General Marine-Hospital Service, April 1 to June 18, 1895—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Kentucky—Continued.				
Princeton	Apr. 1-May 8.....	10		
Union Junction.....	do.....	3		
Winchester.....	do.....	1		
Williamstown.....	do.....	1		
High Bridge.....	do.....	2		
Maysville.....	do.....	1		
Henderson.....	do.....	1		
Louisville.....	do.....	5	1	
	Apr. 1-Apr. 30.....		1	
Louisiana:				
New Orleans.....	Mar. 9-Apr. 6.....	6	1	
	Apr. 13-Apr. 20.....	1		
	Apr. 26-May 4.....	28	2	
	May 11-May 18.....		8	
Maryland:				
Charles County.....	Apr. 10.....	23	3	
	Apr. 27.....	2		
Michigan:				
Battle Creek.....	May 9.....	1		
Brownstown Township.....	Apr. 13-May 4.....			Smallpox reported.
Detroit.....	May 25-June 8.....			Do.
Olivet.....	do.....			Do.
Mississippi:				
Vicksburg.....	May 1.....	2		
Missouri:				
St. Louis.....	Mar. 28-Apr. 6.....	17	4	
	Apr. 13-Apr. 27.....	53	5	
	May 1-May 31.....	26	7	
	June 1-June 8.....	3	1	
Lincoln County.....	Mar. 1-Apr. 1.....	20		
Nodoway County.....	Apr. 6.....	1		
New Hampshire:				
Claremont.....	Apr. 20-May 3.....	11		
Croydon.....	Apr. 20-May 4.....	7		
Newport.....	Apr. 24.....	1		
New Jersey:				
Hoboken.....	Apr. 20-Apr. 27.....	2		
	May 4-May 11.....	1		
Union Township.....	Apr. 20.....	1		
Harrison.....	do.....	1		
New York:				
New York.....	May 25-June 1.....	1		
Ohio:				
Cincinnati.....	Feb. 20-June 14.....	114	24	
Cleveland.....	May 7-May 28.....	15		
	May 25-June 1.....	4		
Coal City.....	Mar. 28-Apr. 18.....	2		
Columbus.....	Mar. 9-May 4.....	2		
Gallipolis.....	May 7-May 28.....	1		
Wellington.....	Mch. 28-Apr. 18.....	3		
Oklahoma:				
Cleveland County.....	Mar. 1-May 25.....	7		
Pennsylvania:				
Philadelphia.....	Apr. 1-May 28.....	55	8	
	May 25-June 8.....	14	1	
Tennessee:				
Memphis.....	May 9-May 10.....	2		
Texas:				
Fort Worth.....	Mar. 30-Apr. 6.....	2		
Virginia:				
Staunton and Augusta Co.....	Apr. 28-June 12.....	105	5	
Lowmoor.....	June 14.....	8		Smallpox reported.
Buena Vista.....		9		Prior to April 29.
Lexington.....	June 14.....	8		Last case May 29.
Charlottesville.....	May 10.....	1		
West Virginia:				
Thacker.....	Apr. 6.....	3		
Wheeling.....	Mar. 18-June 15.....	29	3	
Wisconsin:				
Cedarburg.....	Apr. 22-May 20.....	5		
De Pere Township.....	Mar. 23-May 6.....	8	2	
Granville.....	Apr. 8-Apr. 22.....	1		
Greenfield.....	Apr. 22-May 6.....	2	2	
Lawrence Township.....	Apr. 8-May 6.....	9	1	
Milwaukee.....	Mar. 23-June 17.....	62	10	
Menasha.....	May 20-June 3.....	5		
Oshkosh.....	May 6-June 17.....	3		
Plover.....	Apr. 20-May 6.....	2		
Rockland Township.....	Apr. 20-May 6.....	1		
Springville.....	Apr. 8-Apr. 22.....	1		

Report of Immigration at New York for the Week ended June 15, 1895.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of New York, June 16, 1895.

Number of Alien Immigrants who Arrived at this Port during the Week ended June 15, 1895; also Names of Vessels and Ports from which they Arrived.

Date.	Vessel.	Where from.	No. of immigrants from Russia.	No. of immigrants.
1895.				
June 9	Steamship Oevenum.....	Lisbon and the Azores.....		16
Do...	Steamship Phoenicia.....	Hamburg.....	115	218
Do...	Steamship La Touraine.....	Havre.....	1	404
Do...	Steamship Venetia.....	Stettin, Christiansand, etc.....		318
Do...	Steamship Edam.....	Amsterdam.....	97	198
Do...	Steamship Braunschweig.....	Bremen.....	189	640
June 11	Steamship Anchoria.....	Glasgow.....	28	189
June 12	Steamship Majestic.....	Liverpool and Queenstown.....	1	883
Do...	Steamship Waesland.....	Antwerp.....	20	142
Do...	Steamship Obdam.....	Rotterdam and Boulogne.....	46	243
Do...	Steamship Willehad.....	Bremen.....	158	421
Do...	Steamship Britannia.....	Marseilles and Naples.....		596
June 13	Steamship Lahn.....	Bremen.....	1	239
June 14	Steamship Persia.....	Hamburg.....	97	165
Do...	Steamship Salier.....	Bremen.....	104	275
Do...	Steamship Normannia.....	Hamburg.....	28	93
Do...	Steamship Island.....	Copenhagen, etc.....		265
June 15	Steamship Marsala.....	Hamburg.....	389	648
Do...	Steamship Paris.....	Southampton.....	14	324
Do...	Steamship Etruria.....	Liverpool and Queenstown.....	8	245
	Total.....		1,216	6,522

EDW. F. MCSWEENEY,
Acting Commissioner of Immigration.

Report of Immigration at Philadelphia for the Week ended June 15, 1895.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Philadelphia, June 15, 1895.

Number of Alien Immigrants who Arrived at this Port during the Week ended June 15, 1895; also Names of Vessels and Ports from which they Arrived.

Date.	Vessel.	Where from.	No. of immigrants from Russia.	No. of immigrants.
1895.				
June 9	Steamship Kensington.....	Liverpool and Queenstown.....	27	698
June 13	Steamship Switzerland.....	Antwerp.....	22	393
	Total.....		49	1,091

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

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

BRUNSWICK QUARANTINE.

Week ended June 15, 1895.

Name of vessel.	Date of arrival.	Where from.	Destination.	Treatment of vessel and cargo.	Date of dep'ture.
Am. schr. Amelia P. Schmidt*.	June 4	Matanzas.....	Brunswick..	Disinfected.....	June 13
Span. bk. Angeles*.....	June 8	Havana.....	.....do.....	Disinfected and held for observation.	.....
Span. bk. Progresso*.....	.....do.....	.....do.....	.....do.....	Held for disinfection.	.....
Span. bk. Dos Amigos.....	June 10	.....do.....	.....do.....	.....do.....	.....
Russian bk. Australia.....	June 14	Rio de Janeiro.	.....do.....	.....do.....	.....

*Previously reported.

Four vessels inspected and passed.

CAPE CHARLES QUARANTINE.

Week ended June 15, 1895.

Four vessels inspected and passed.

DELAWARE BREAKWATER QUARANTINE.

Week ended June 15, 1895.

Eleven vessels inspected and passed.

GULF QUARANTINE.

Week ended June 10, 1895.

Name of vessel.	Date of arrival.	Where from.	Destination.	Treatment of vessel and cargo.	Date of dep'ture.
Br. ship Monrovia*.....	May 28	Rio de Janeiro.	Mobile.....	Disinfected and held for observation.	.....
Br. ss. Schiehallion*.....	June 2	Havana.....	Pascagoula..	Disinfected.....	June 8
Mex. sch. Tres Hermanos*.....	June 3	Campeche.....	.....do.....	.....do.....	June 9
Am. sch. Cyrus Hall.....	June 10	St. Thomas..	.....do.....	Held for disinfection.	.....

*Previously reported.

One vessel inspected and passed.

PORT TOWNSEND QUARANTINE.

Week ended June 8, 1895.

Four vessels inspected and passed.

REEDY ISLAND QUARANTINE.

Week ended June 16, 1895.

Name of vessel.	Date of arrival.	Where from.	Destination.	Treatment of vessel and cargo.	Date of dep'ture.
British ss. Moorish Prince.....	June 13	Santos.....	Philadelphia.	Disinfected.....	June 14

Twenty-four vessels inspected and passed. Two vessels spoken and passed.

SAN DIEGO QUARANTINE.

Week ended June 12, 1895.

One vessel inspected and passed.

SOUTH ATLANTIC QUARANTINE.

Week ended June 8, 1895.

Name of vessel.	Date of arrival.	Where from.	Destina-tion.	Treatment of vessel and cargo.	Date of deptyure.
British ss. Hawkhursts.....	June 3	Maceio.....	Sapelo.....	Disinfected and held for observa-tion.	.....
Nor. bk. Vasco de Gama.....	June 7	Pernam-buco.	Brunswick..	Held for disinfection.	.....

Reports of States and Yearly and Monthly Reports of Cities.

CALIFORNIA—*Los Angeles*.—Month of May, 1895. Estimated population, 80,000. Total deaths, 96, including phthisis pulmonalis, 14; enteric fever, 2; and diphtheria, 1.

CONNECTICUT.—Month of May, 1895. Reports to the State board of health from 164 towns, having an aggregate population of 809,215, show a total of 1,079 deaths, including phthisis pulmonalis, 126; enteric fever, 33; scarlet fever, 4; diphtheria and croup, 25; measles, 9; and whooping cough, 9.

New Haven.—Month of April, 1895. Estimated population, 100,000. Total deaths, 162, including phthisis pulmonalis, 23; enteric fever, 1; scarlet fever, 2; and whooping cough, 4.

FLORIDA—*Ocala*.—Month of May, 1895. Estimated population, 5,000. Total deaths, 11, including 1 from phthisis pulmonalis.

ILLINOIS—*Chicago*.—Month of January, 1895. Estimated population, 1,600,000. Total deaths, 2,088, including phthisis pulmonalis, 171; enteric fever, 30; smallpox, 56; scarlet fever, 15; diphtheria and croup, 211; measles, 21; and whooping cough, 19.

Month of February, 1895. Total deaths, 2,352, including smallpox, 23; phthisis pulmonalis, 192; enteric fever, 21; scarlet fever, 11; diphtheria and croup, 126; measles, 19; and whooping cough, 13.

Month of March, 1895. Total deaths, 2,127, including smallpox, 33; phthisis pulmonalis, 217; enteric fever, 26; scarlet fever, 2; diphtheria and croup, 95; measles, 18; and whooping cough, 8.

Month of April, 1895. Total deaths, 1,984, including smallpox, 14; phthisis pulmonalis, 205; enteric fever, 30; scarlet fever, 9; diphtheria and croup, 84; measles, 24; and whooping cough, 6.

MARYLAND—*Baltimore*.—Month of May, 1895. Estimated population, white, 422,568; colored, 73,747; total, 496,315. Deaths, white, 538; colored, 159; total, 697, including phthisis pulmonalis, 88; enteric fever, 7; scarlet fever, 4; diphtheria, 11; measles, 4; and whooping cough, 2.

MASSACHUSETTS—*Brockton*.—Month of May, 1895. Estimated population, 33,939. Total deaths, 29, including 4 from phthisis pulmonalis.

MICHIGAN.—Five weeks ended June 1, 1895. Reports to the State board of health, Lansing, compared with the reports for the preceding

month, indicate that pneumonia and influenza decreased in area of prevalence. Compared with the average for corresponding months in the nine years 1886-1894, intermittent fever, scarlet fever, and pneumonia were less prevalent in May, 1895. Including reports by regular observers and others, consumption was reported present in Michigan during the month of May, 1895, at 154 places (probably only a very small proportion of the cases of consumption are yet reported), scarlet fever at 77 places, measles at 46 places, diphtheria at 44 places, typhoid fever at 23 places, and smallpox at 4 places. Reports from all sources show measles reported at 13 places more, scarlet fever at 10 places more, diphtheria and typhoid fever each at 1 place less in the month of May, 1895, than in the preceding month; smallpox was reported at the same number of places in each of the months of April and May.

Week ended June 8, 1895. Reports to the State board of health from 46 observers indicate that diarrhea and scarlet fever decreased in area of prevalence. Phthisis pulmonalis was reported present at 153 places, scarlet fever at 40, diphtheria at 21, measles at 15, enteric fever at 12, and smallpox at 3 places (Battle Creek, Detroit, and Olivet).

MINNESOTA—*Minneapolis*.—Month of May, 1895. Estimated population, 223,700. Total deaths, 142, including phthisis pulmonalis, 15; enteric fever, 2; scarlet fever, 1; diphtheria, 9; and whooping cough, 4.

St. Paul.—Month of May, 1895. Estimated population, 212,480. Total deaths, 125, including phthisis pulmonalis, 19; enteric fever, 1; and diphtheria, 6.

MISSOURI—*St. Louis*.—Month of May, 1895. Estimated population, 560,000. Total deaths, 713, including phthisis pulmonalis, 88; enteric fever, 6; scarlet fever, 4; smallpox, 7; diphtheria, 31; croup, 11; and measles, 11.

NEW HAMPSHIRE—*Concord*.—Month of May, 1895. Estimated population, 19,000. Total deaths, 24, including phthisis pulmonalis, 2; and scarlet fever, 1.

NEW YORK—*Buffalo*.—Month of May, 1895. Estimated population, 315,000. Total deaths, 368, including phthisis pulmonalis, 31; enteric fever, 4; scarlet fever, 3; diphtheria, 6; croup, 2; measles, 33; and whooping cough, 5.

Hornellsville.—Month of May, 1895. Estimated population, 12,000. Total deaths, 8, including 2 from phthisis pulmonalis.

OHIO—*Columbus*.—Month of May, 1895. Estimated population, 100,000. Total deaths, 100, including phthisis pulmonalis, 19; diphtheria, 2; and croup, 1.

RHODE ISLAND—*Newport*.—Month of May, 1895. Estimated population, 20,000. Total deaths, 21, including 1 from croup.

TENNESSEE—*Nashville*.—Month of May, 1895. Estimated population, white, 54,595; colored, 33,159; total, 87,754. Deaths, white, 57; colored, 81; total, 138, including phthisis pulmonalis, 29; enteric fever, 2; scarlet fever, 1; and croup, 1.

WISCONSIN—*Milwaukee*.—Month of May, 1895. Estimated population, 275,000. Total deaths, 288, including phthisis pulmonalis, 29; smallpox, 1; enteric fever, 3; diphtheria, 4; croup, 4; and whooping cough, 5.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—										
				Phthisis pulmonalis.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Allegheny, Pa.	June 15.	105,287	28									1		
Altoona, Pa.	June 8.	30,337	12										1	
Ashtabula, Ohio	June 15.	8,338	0											
Auburn, N. Y.	do.	25,858	8											
Baltimore, Md.	do.	434,439	135	19								1	1	
Bath, Me.	June 1.	8,723	2	1										
Battle Creek, Mich.	June 15.	13,197	2											
Belleville, Ill.	June 8.	15,361	3											
Bennington, Vt.	June 15.	6,391	3											
Binghamton, N. Y.	do.	35,005	13											
Boston, Mass.	do.	448,477	200	27						2	3	19		1
Braddock, Pa.	do.	8,561	3											
Bristol, Conn.	do.	7,382	0											
Bristol, R. I.	June 8.	5,478	1											
Do.	June 15.	5,478	2											
Brockton, Mass.	June 8.	27,294	4	1						1				
Brookline, Mass.	do.	12,103	5	1										
Brooklyn, N. Y.	June 15.	806,343	300	39						1	1	19	12	4
Burlington, Vt.	June 8.	14,590	3											
Butler, Pa.	June 15.	8,734	2											
Cambridge, Mass.	do.	70,028	15	1							1			1
Charleston, S. C.	June 8.	* 54,955	† 48	4										
Chester, Pa.	do.	20,226	10	2										
Cincinnati, Ohio.	June 14.	296,908	103	14								1	6	1
Cleveland, Ohio.	June 15.	261,353	85	7						2	2			
Council Bluffs, Iowa.	June 8.	21,474	7											
Dayton, Ohio.	June 13.	61,220	22	3										1
Dedham, Mass.	June 8.	7,123	2											
Do.	June 15.	7,123	1											
Denver, Colo.	June 8.	106,713	28	8										2
Dunkirk, N. Y.	June 1.	9,416	5									1		
Do.	June 8.	9,416	2											
Elgin, Ill.	do.	17,823	5											
Everett, Mass.	June 15.	11,068	9								1			
Flint, Mich.	do.	9,803	3											
Fort Smith, Ark.	June 8.	11,311	5	2										
Fort Worth, Tex.	do.	23,076	9	1										
Grand Rapids, Mich.	June 15.	60,278	16	1										
Greenville, Miss.	June 8.	5,473	5											
Haverhill, Mass.	June 15.	27,412	10	1							1	1		1
Iron Mountain, Mich.	June 8.	8,599	1	1										
Ironton, Ohio.	June 15.	10,939	5									4		
Jamestown, N. Y.	June 8.	16,038	5	1										1
Jersey City, N. J.	June 9.	163,003	71	6						1	2			1
Johnstown, Pa.	June 15.	21,805	5											
Kalamazoo, Mich.	June 8.	17,853	6									1		
Lebanon, Pa.	do.	14,664	2											
Lowell, Mass.	June 15.	77,696	36									4		
Ludington, Mich.	do.	7,517	0											
Lynchburg, Va.	do.	19,709	3	1							1			
McKeesport, Pa.	June 8.	20,741	5											
Massillon, Ohio.	do.	10,092	2											
Do.	June 15.	10,092	2											
Middletown, Ohio.	June 8.	7,681	1											
Do.	June 15.	7,681	1											
Milford, Mass.	June 17.	8,780	4											
Milwaukee, Wis.	June 15.	204,468	55	6								1		4
Minneapolis, Minn.	do.	164,738	34	3							1			1
Mount Vernon, N. Y.	June 8.	10,830	10											
Do.	June 15.	10,830	4	1										
Nashville, Tenn.	do.	76,168	28	2										
Naugatuck, Conn.	do.	6,218										1		
New Bedford, Mass.	do.	40,783	13	1						1				
New Brunswick, N. J.	do.	18,603	6											

* Estimated population, white, 28,870; colored, 36,295. Total, 65,165. † White, 14; colored, 34.

Table of Temperature and Rainfall, Week ended June 17, 1895.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Defic'ncy.	Normal.	Excess.	Deficiency.
Atlantic Coast:						
Eastport, Me.....	56	2	.....	.84	.....	.84
Portland, Me.....	63	5	.....	.79	.....	.69
Northfield, Vt.....	62	4	.....	1.01	.....	.91
Boston, Mass.....	66	6	.....	.77	.....	.77
Vineyard Haven, Mass.....	66	2	.....	.50	.....	.50
Nantucket, Mass.....	60	4	.....	.61	.....	.61
Woods Hole, Mass.....	62	2	.....	.63	.....	.63
Block Island, R. I.....	62	0	.....	.70	.....	.70
New Haven, Conn.....	66	2	.....	.77	.....	.77
New London, Conn.....	65	0	.....	.77	.....	.77
Albany, N. Y.....	68	6	.....	.91	.....	.71
New York, N. Y.....	69	1	.....	.77	.....	.77
Harrisburg, Pa.....	71	1	.....	1.12	.....	.92
Philadelphia, Pa.....	71	1	.....	.77	.13	.....
Atlantic City, N. J.....	67	.....	1	.77	.....	.67
Baltimore, Md.....	73	.....	1	.97	.....	.37
Washington, D. C.....	72	.....	1	.98	.18	.....
Lynchburg, Va.....	74	2	.....	.84	.....	.34
Cape Henry, Va.....	73	3	.....	.90	.....	.20
Norfolk, Va.....	74	2	.....	.98	.....	.18
Charlotte, N. C.....	76	4	.....	1.09	.....	.59
Raleigh, N. C.....	75	1	.....	1.19	1.41	.....
Kittyhawk, N. C.....	75	5	.....	1.12	.....	.32
Hatteras, N. C.....	74	2	.....	1.16	2.14	.....
Wilmington, N. C.....	77	3	.....	1.41	.....	.21
Columbia, S. C.....	78	2	.....	.89	.....	.49
Charleston, S. C.....	79	1	.....	1.20	.....	1.00
Augusta, Ga.....	79	3	.....	.98	.....	.38
Savannah, Ga.....	79	.....	1	1.75	2.35	.....
Jacksonville, Fla.....	80	0	.....	1.27	1.13	.....
Titusville, Fla.....	80	0	.....	1.87	.....	.27
Jupiter, Fla.....	80	0	.....	1.24	.....	.44
Key West, Fla.....	83	.....	1	.98	.....	.88
Gulf States:						
Atlanta, Ga.....	76	.....	2	.80	.30	.....
Tampa, Fla.....	80	0	.....	1.56	.....	1.46
Pensacola, Fla.....	80	.....	2	1.47	.83	.....
Mobile, Ala.....	80	.....	2	1.40	.80	.....
Montgomery, Ala.....	80	.....	2	1.18	.....	.98
Meridian, Miss.....	78	.....	2	.94	1.36	.....
Vicksburg, Miss.....	80	.....	2	1.01	.....	.61
New Orleans, La.....	81	.....	1	1.61	.19	.....
Shreveport, La.....	81	.....	1	.88	.32	.....
Fort Smith, Ark.....	77	.....	1	1.05	.....	.05
Little Rock, Ark.....	78	0	.....	1.07	4.33	.....
Palestine, Tex.....	79	.....	1	.84	.36	.....
Galveston, Tex.....	82	.....	2	1.19	.....	1.09
San Antonio, Tex.....	81	1	.....	.63	.....	.63
Corpus Christi, Tex.....	81	1	.....	.67	.....	.67
Ohio Valley and Tennessee:						
Memphis, Tenn.....	78	0	.....	1.25	.....	.25
Nashville, Tenn.....	76	2	.....	1.05	.....	.65
Chattanooga, Tenn.....	76	.....	2	1.05	.95	.....
Knoxville, Tenn.....	74	0	.....	.98	.22	.....
Louisville, Ky.....	74	4	.....	1.12	.....	1.02
Indianapolis, Ind.....	72	4	.....	1.25	.....	1.05
Cincinnati, Ohio.....	73	5	.....	1.15	.....	1.15
Columbus, Ohio.....	70	6	.....	.84	.....	.44
Parkersburg, W. Va.....	72	0	.....	.98	.....	.98
Pittsburg, Pa.....	71	3	.....	.80	.....	.30
Lake Region:						
Oswego, N. Y.....	63	5	.....	.80	.....	.80
Rochester, N. Y.....	65	5	.....	.77	.....	.57
Buffalo, N. Y.....	64	6	.....	.84	.....	.44
Erie, Pa.....	66	4	.....	1.06	.....	.86
Cleveland, Ohio.....	67	3	.....	.98	.....	.78
Sandusky, Ohio.....	69	3	.....	1.00	.....	.90
Toledo, Ohio.....	68	4	.....	.84	.....	.74
Detroit, Mich.....	67	3	.....	.84	.....	.64
Lansing, Mich.....	67	3	.....	1.03	.....	1.03
Port Huron, Mich.....	63	5	.....	.88	.....	.78
Alpena, Mich.....	59	3	.....	.84	.....	.34
Sault Ste. Marie, Mich.....	60	0	.....	.71	.....	.71
Marquette, Mich.....	58	0	.....	.91	.39	.....

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

Table of Temperature and Rainfall, Week ended June 17, 1895—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Defic'ncy.	Normal.	Excess.	Deficiency.
Lake Region—Continued.						
Green Bay, Wis.....	65	5	.....	.56	.....	.06
Grand Haven, Mich.....	63	5	.....	.98	.....	.68
Milwaukee, Wis.....	63	5	.....	.98	.....	.52
Chicago, Ill.....	66	4	.....	.84	.....	.44
Duluth, Minn.....	58	0	.....	1.21	.....	.91
Upper Mississippi Valley:						
St. Paul, Minn.....	68	0	.....	1.17	.....	.67
La Crosse, Wis.....	68	4	.....	1.05	.....	.45
Dubuque, Iowa.....	69	5	.....	1.23	.....	1.13
Davenport, Iowa.....	70	4	.....	1.05	.....	.85
Des Moines, Iowa.....	71	0	.....	1.46	.....	.36
Keokuk, Iowa.....	71	5	.....	1.19	.....	.39
Springfield, Ill.....	71	5	.....	1.33	.17	.....
Cairo, Ill.....	75	3	.....	1.10	1.50	.....
St. Louis, Mo.....	75	3	.....	1.23	.....	.53
Missouri Valley:						
Columbia, Mo.....	75	.....	.....	.93	.....	.....
Springfield, Mo.....	73	1	.....	1.33	.....	1.03
Kansas City, Mo.....	74	0	.....	1.26	2.54	.....
Wichita, Kans.....	74	0	.....	1.17	.23	.....
Concordia, Kans.....	73	1	.....	.92	.....	.42
Omaha, Nebr.....	72	0	.....	1.37	.43	.....
Yankton, S. Dak.....	69	1	.....	.98	1.22	.....
Valentine, Nebr.....	67	1	.....	.75	.05	.....
Huron, S. Dak.....	67	1	.....	.70	.....	.50
Pierre, S. Dak.....	68	2	.....	.89	.....	.09
Moorehead, Minn.....	65	1	.....	.98	.42	.....
St. Vincent, Minn.....	62	2	.....	.77	1.43	.....
Bismarck, N. Dak.....	65	.....	3	.95	.....	.35
Williston, N. Dak.....	65	.....	5	.88	.82	.....
Rocky Mountain Region:						
Havre, Mont.....	63	.....	5	.76	.....	.56
Helena, Mont.....	61	.....	7	.60	.....	.30
Miles City, Mont.....	67	.....	7	.80	1.30	.....
Rapid City, S. Dak.....	64	0	.....	.94	.....	.74
Spokane, Wash.....	63	.....	7	.49	.....	.29
Wallawalla, Wash.....	66	.....	6	.35	.....	.35
Baker City, Oreg.....	56	.....	6	.35	.....	.35
Winnemucca, Nev.....	63	.....	5	.20	.....	.20
Salt Lake City, Utah.....	68	.....	6	.19	.01	.....
Lander, Wyo.....	62	.....	6	.28	.....	.28
Cheyenne, Wyo.....	62	.....	2	.35	.....	.35
North Platte, Nebr.....	69	.....	1	.77	.93	.....
Denver, Colo.....	67	.....	1	.28	.....	.28
Pueblo, Colo.....	72	.....	2	.35	.....	.35
Dodge City, Kans.....	73	.....	1	.77	.43	.....
Oklahoma, Okla.....	77	1	.....	.70	1.00	.....
Abilene, Tex.....	78	4	.....	.63	.97	.....
Santa Fe, N. Mex.....	66	.....	2	.21	.....	.21
El Paso, Tex.....	82	.....	2	.07	.03	.....
Tucson, Ariz.....	82	.....	4	.00	.....	.00
Pacific Coast:						
Tatoosh Island, Wash.....	53	.....	1	.91	.....	.81
Port Angeles, Wash.....	54	.....	4	.41	.....	.41
Olympia, Wash.....	60	.....	4	.35	.....	.35
Fort Canby, Wash.....	56	.....	4	.70	.....	.20
Astoria, Oreg.....	60	.....	6	.70	.20	.....
Portland, Oreg.....	63	.....	9	.47	.03	.....
Roseburg, Oreg.....	62	.....	8	.30	.....	.10
Eureka, Cal.....	55	.....	5	.48	.....	.48
Red Bluff, Cal.....	74	0	.....	.14	.....	.14
Carson City, Nev.....	61	.....	3	.07	.....	.07
Sacramento, Cal.....	69	.....	1	.07	.....	.07
San Francisco, Cal.....	60	.....	4	.07	.....	.07
Fresno, Cal.....	75	.....	1	.00	.....	.00
Independence, Cal.....	75	.....	5	.01	.....	.01
Los Angeles, Cal.....	67	.....	3	.03	.....	.03
San Diego, Cal.....	65	.....	3	.00	.....	.00
Yuma, Ariz.....	85	.....	1	.00	.....	.00

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

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 June 18, 1895.

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
Arabia:				
Camaran Quarantine Station.	Mar. 23-Apr. 24.	85	173	
Mecca.....	Apr. 22-May 6		213	
Jeddah.....	May 1		28	
Argentina:				
Buenos Ayres.....	To Jan. 10	125	59	
	Jan. 1-Jan. 31	87	27	
	Feb. 1-Feb. 28		45	
	Mar. 13	8		
	Mar. 21	5	3	
Montevideo.....	Mar. 13		3	
	Mar. 16	16		
	Mar. 18	5		
	Mar. 21	2	1	
Rosario.....	Mar. 21	8	2	
San Nicholas.....	Mar. 29	7	3	
Asia Minor:				
Tarsus.....	June 1			Cholera reported.
Brazil:				* Cholera reported.
Alegre.....	Dec. 11-Feb. 4	1		
Bahia.....	Apr. 3			Cholera reported.
Cachoeira.....	Apr. 3			
Cachoeira.....	Feb. 24-Mar. 3	40	21	
Desergano.....	March 20	11		
Iapemerim.....	do.	50	2	
Porto Novo.....	Apr. 3			Do.
Rio de Janeiro.....	Dec. 1-Dec. 31	6	5	
	Jan. 1-Jan. 31		45	
	Feb. 1-Feb. 28		105	
	Mar. 1-Mar. 28	93	31	
	Mar. 29-Apr. 20		8	
	May 11-May 18		1	
Santo Antonio de Muriatre.	Apr. 3	18	15	
Volto Redondo.....	Apr. 3	1		
Ceylon:				
Colombo.....	Jan. 26-Feb. 2	8	8	
China:				
Foochow.....	Apr. 30			Cholera reported.
India:				
Bombay.....	Dec. 11-Jan. 8		4	
	Mar. 5-Mar. 12		1	
	Apr. 23-May 7		2	
Calcutta.....	Nov. 17-Feb. 13		431	
	Mar. 2-Mar. 20		303	
	Mar. 31-May 4		442	
Madras.....	Dec. 7-Feb. 22		68	
	Mar. 2-Mar. 8		2	
	Mar. 16-Mar. 30		2	
Japan:				
Hiogo.....	Apr. 13-Apr. 20	1		
	May 4-May 11	1		
Hiroshima.....	Mar. 29	1		
Moji.....	Mar. 19	18	10	
	Mar. 22		1	
Russia (governments):				
Kurland.....	Jan. 20-Jan. 21	1	1	
	Dec. 23-Feb. 2	44	21	
Kursk.....	Jan. 6-Jan. 19	4	3	
Minsk.....	Jan. 6-Jan. 12	5	3	
Petrikov.....	Jan. 4-Jan. 19	6	1	
Podolia.....	Nov. 11-Apr. 13	2,102	907	
Podolsk.....	Mar. 24-Apr. 27	23	17	
Radom.....	Jan. 1-Jan. 26	20	9	
Saratov.....	Jan. 6-Jan. 12	3	1	
Suwalki.....	Jan. 18-Jan. 26	25	10	
Taurien.....	Dec. 30-Jan. 26	35	23	
Tchernigov.....	Jan. 13-Feb. 16	8	5	
Volhynia.....	Nov. 4-Apr. 30	586	230	
Witebst.....	Jan. 6-Jan. 12	5	2	

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

CHOLERA—CONTINUED.

Place.	Date.	Cases.	Deaths.	Remarks.
Turkey:				
Adalia.....	Dec. 11-Feb. 18.....	230	127	Cholera reported.
Bitlis.....	Jan. 3.....			
Constantinople.....	Nov. 14-May 6.....	382	212	Do.
Pera.....	Feb. 21.....			
Siverek.....	Jan. 8-Jan. 21.....	48	31	

YELLOW FEVER.

Brazil:				
Rio de Janeiro.....	Dec. 1-Mar. 30.....		164	Yellow fever reported. Do.
	Apr. 1-May 18.....		220	
Santos.....	Nov. 23-Jan. 5.....		6	
	Jan. 26-Mar. 2.....	128	104	
	Mar. 9-Mar. 16.....	50	48	
	Mar. 23-Mar. 30.....	108	87	
	Apr. 17-Apr. 27.....	181	135	
	Apr. 27-May 3.....	105	96	
Cuba:				
Havana.....	Dec. 20-Apr. 4.....	85	30	
	Apr. 4-May 30.....	37	16	
	June 1-June 13.....	11	4	
Santiago de Cuba.....	Mar. 1-Mar. 31.....		8	
	Apr. 1-Apr. 28.....		11	
	May 1-May 15.....		4	
	June 1-June 8.....	16	8	
Ecuador:				
Guayaquil.....	Jan. 24-Feb. 22.....	14	8	
Mexico:				
Guaymas.....	May 20.....			
Mazatlan.....	do.....			
Vera Cruz.....	Dec. 27-Jan. 21.....		5	
	Feb. 21-Feb. 28.....		1	
	Mar. 4-Mar. 21.....		1	
	Apr. 4-Apr. 18.....		2	
	May 2-May 30.....		11	
	May 31-June 6.....		5	
Salvador.....	Dec. 9-Jan. 15.....		12	
Puerto Rico.....	Nov. 21-Jan. 9.....		4	
	Feb. 28-Mar. 6.....	2	1	
	Apr. 17-Apr. 24.....	1		
Venezuela:				
Maracaibo.....	Feb. 2-Feb. 9.....		1	
West Indies:				
Curacoa.....	Dec. 28-Jan. 5.....	3	3	

BRAZIL.

*Sanitary Report of Rio de Janeiro.*RIO DE JANEIRO, *May 21, 1895.*

SIR: I have the honor to inclose report for week ended May 18, 1895. There were 12 deaths from *accessio pernicioso*, an increase of 3; 30 from yellow fever, a decrease of 2; 4 from *beriberi*, a decrease of 3; 3 from enteric fever, a decrease of 1; 1 from measles, the same as in the foregoing week; 1 from cholera, and 1 from *cholera*, none in the previous week; 7 from *cholera* form diarrhea, an increase of 6; 1 from *cholera* form enteritis, and 1 from whooping cough, none in the previous week; and 53 from consumption, an increase of 20. There were 358 deaths from all causes during the week, which is an increase of 32.

Whilst there is really no disease reigning considered here as epidemic, yet great caution is needed where there are so many different kinds of contagious affections, though in very small numbers for the population.

Cholera.—I am a little surprised that a case of cholera, or, as they call

it here, cholera morbus, should be reported, as the disease appears to be at an end in the places of its first appearance, and it is almost unheard of here now, but as you will see by the report choleraic diseases still occur. The sanitary measures adopted for the ways of communication with the interior have been suspended as no longer necessary, but vigilance is still kept up.

Yellow fever.—There is more of this disease here now than during the summer months, but the cases are scattered, and it is now declining.

Plate River.—Cholera has been officially declared extinct in Buenos Ayres, though cases appear in Montevideo. The authorities in those towns have declared the Brazilian ports, except Santos, free from suspected disease, but they still disinfect ships arriving from Brazil.

Since last report the following-named ships have been inspected or received bills of health from this office: May 17, ship *Cashier*, Russian, for Mobile, Ala., and steamship *Bellaura*, British, for New York; May 18, steamship *Lussell*, British, for New Orleans; May 20, bark *Julius*, Portuguese, for Pensacola, Fla., and bark *Julia Rollins*, American, for Baltimore, Md.; May 21, barkentine *Frances*, American, for Baltimore, Md., and steamship *Hevelius*, British, for New York.

Respectfully, yours,

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

CHINA.

Plague and Cholera at Foochow.

FOOCHOW, CHINA, *April 30, 1895.*

SIR: I have the honor to inform you that the disease known as the "Hongkong plague" has made its appearance in Foochow, and is already established as an epidemic. It is confined to the city of Foochow proper, most of the deaths from the disease occurring within the city walls near the eastern and western gates; but it is stated that several cases have occurred among the natives of a village situated on the island of Nantai, in the vicinity of the foreign settlement, though I am unable to say that the Nantai cases are real cases of the plague.

There is no question or doubt about the epidemic in the city being identical with that which last year caused such mortality in Hongkong and in Canton and other southern Chinese ports. The symptoms attending its appearance and progress unmistakably stamp it as the plague; and in the infected districts within the city the rats are dying in great numbers, just as has been the invariable rule wherever the plague has shown itself in the past.

The health of the port in general as respects natives and foreigners has been exceptionally bad this year. Some sporadic cases of cholera have already occurred, and it is possible that there will be suffering from an epidemic of cholera along with that caused by the plague.

In a city like Foochow it is impossible to institute any sort of sanitary measures to prevent the spread of contagious diseases, or even to mitigate the suffering of the victims. So, unless the present epidemic dies out of its own accord, there is every prospect that misery and death will come to thousands of the one and a half millions of people living in the city proper and its immediate suburbs.

At an early date I shall report more fully upon the situation.

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

J. COURTNEY HIXSON,
United States Consul.

CUBA.

Increased Death Rate at Santiago.

Under date of June 8 the United States consul at Santiago writes as follows :

The death rate has increased greatly since the breaking out of the war. The inhabitants of surrounding villages and country have flocked into the city, thereby increasing the population. The arrivals are increasing daily and the new comers are all poor and in bad hygienic condition. * * * The military hospital is filled with sick and wounded, the number of soldiers in town fluctuating all the time from several hundred to thousands.

GREECE.

Smallpox in Athens and the Piræus.

ATHENS, *May 28, 1895.*

SIR: I have the honor to report that since the appearance of smallpox in Athens and the Piræus, about the middle of January, there have been in all 336 cases, 189 in the Piræus, 147 in Athens. Of these, 249 had been recently vaccinated, while 37 had been vaccinated in childhood. Sixty-nine deaths occurred, 23 in Athens and 46 in the Piræus. A large percentage of the deaths was among young children, or people of evil habits of life.

There are now 26 patients in the hospital at Piræus, and 69 in that of Gondé, near Athens. Only one or two cases have been heard of in the last two or three days. Much credit is due to the authorities for their thorough and scientific handling of the epidemic.

I am, sir, your obedient servant,

GEORGE HORTON,
United States Consul.

MEXICO.

Yellow Fever in Mazatlan and Guaymas.

NOGALES, SONORA, MEXICO, *May 20, 1895.*

SIR: I have the honor to inform you that reports are current in this vicinity, as well as in other portions of this State of Sonora, that at Mazatlan, a seaport city on the western side of Mexico (in the State of Sinaloa), yellow fever is now prevailing to a considerable extent, and that in some instances the disease has terminated fatally. It is also reported that there have recently been 2 cases of the disease at the city of Guaymas, another Mexican seaport (by rail some 260 miles south of Nogales). I have been unable to verify the reports in either instance, but I am apprehensive that they are not without some foundation.

I am, sir, your obedient servant,

FRANK W. ROBERTS,
United States Consul.

The Hon. ASSISTANT SECRETARY OF STATE.

STATISTICAL REPORTS.

ARGENTINE REPUBLIC—*Buenos Ayres.*—Month of March, 1895. Estimated population, 605,792. Total deaths, 1,204, including phthisis pul-

monalis, 77; enteric fever, 28; scarlet fever, 33; smallpox, 21; diphtheria and croup, 20; measles, 12; and whooping cough, 2.

AUSTRALIA—*Brisbane*.—Month of March, 1895. Estimated population, 93,657. Total deaths, 46, including 2 from diphtheria.

New South Wales—Newcastle.—Month of April, 1895. Estimated population, 15,329. Total deaths, 17. No deaths were reported from contagious diseases.

Sydney.—Month of March, 1895. Estimated population, 423,600. Total deaths, 585, including enteric fever, 9; scarlet fever, 1; diphtheria, 12; and whooping cough, 5.

BAHAMAS—*Dunmore Town*.—Two weeks ended June 7, 1895. Estimated population, 1,472. Total deaths, 2. No deaths from contagious diseases.

Governors Harbor.—Two weeks ended June 8, 1895. Estimated population, 1,183. Total deaths, 3. No deaths from contagious diseases.

Green Turtle Cay—Abaco.—Two weeks ended June 6, 1895. Estimated population, 3,900. No deaths.

BRITISH COLUMBIA—*Victoria*.—Two months ended May 31, 1895. Estimated population, 20,000. Total deaths, 43. No deaths reported from contagious diseases.

CUBA—*Havana*.—Under date of June 15, 1895, the United States assistant sanitary inspector reports as follows:

There were 163 deaths in this city during the week ending June 13, 1895. Four of those deaths were caused by yellow fever, with approximately 6 new cases, 5 were caused by enteric fever, 4 by so-called pernicious fever, 12 by enteritis, 6 by dysentery, 9 by smallpox, and 2 by pneumonia.

FRANCE—*Nice*.—Month of April, 1895. Estimated population, 97,720. Total deaths, 164, including phthisis pulmonalis, 15; enteric fever, 1; and measles, 2.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 33 great towns of England and Wales during the week ended June 1 corresponded to an annual rate of 17.2 a thousand of the aggregate population, which is estimated at 10,591,530. The lowest rate was recorded in Derby, viz, 9.9, and the highest in Wolverhampton, viz, 28.0 a thousand.

London.—One thousand three hundred and eight deaths were registered during the week, including measles, 50; scarlet fever, 17; diphtheria, 41; whooping cough, 30; enteric fever, 5; and diarrhea and dysentery, 16. The deaths from all causes corresponded to an annual rate of 15.5 a thousand. In greater London 1,695 deaths were registered, corresponding to an annual rate of 29.7 a thousand of the population. In the "outer ring" the deaths included 14 from diphtheria, 12 from measles, and 5 from scarlet fever.

Ireland.—The average annual death rate represented by the deaths registered during the week ended June 1 in the 16 principal town

districts of Ireland was 23.1 a thousand of the population. The lowest rate was recorded in Sligo, viz, 5.1, and the highest in Galway, viz, 37.8 a thousand. In Dublin and suburbs 179 deaths were registered, including smallpox, 2; scarlet fever, 1; diphtheria, 1; and whooping cough, 1.

Scotland.—The deaths registered in 8 principal towns during the week ended June 1 corresponded to an annual rate of 21.4 a thousand of the population, which is estimated at 1,500,435. The lowest mortality was recorded in Leith, viz, 14.9, and the highest in Dundee, viz, 26.0 a thousand. The aggregate number of deaths registered from all causes was 617, including measles, 12; diphtheria, 8; and whooping cough, 17.

Dundee.—Month of April, 1895. Estimated population, 160,163. Total deaths, 297, including phthisis pulmonalis, 35; enteric fever, 3; diphtheria, 1; measles, 3; and whooping cough, 11.

GREECE—Athens.—Month of February, 1895. Estimated population, 114,000. Total deaths, 194, including smallpox, 3; enteric fever, 2; diphtheria, 8; and measles, 14.

NORFOLK ISLAND.—Month of February, 1895. Estimated population, 832. No deaths.

RUSSIA—Riga.—Month of March, 1895. Estimated population, 215,000. Total deaths, 448, including phthisis pulmonalis, 58; enteric fever, 5; scarlet fever, 1; diphtheria, 8; measles, 1; croup, 2; and whooping cough, 5.

TURKEY—Constantinople.—Month of April, 1895. Estimated population, 700,000. Total deaths, 1,057, including cholera, 24; and smallpox, 62.

MORTALITY TABLE, FOREIGN CITIES.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—								
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Aix la Chapelle	May 25.....	110,352	39							3		
Alexandria	May 13.....	231,396	166				5	1				
Amapala	May 18.....	1,500	1					1				
Do.....	May 25.....	1,500	1					1				
Amherstburg.....	June 8.....	2,300	1									
Amsterdam.....	June 1.....	451,730	129					2		1		2
Antigua.....	May 25.....	16,664	15									
Antwerp.....	May 18.....	262,065	68			3				2		2
Autofagasta.....	Apr. 30.....	14,000	47					1				
Barinen.....	May 25.....	125,000	45				1			3		
Batoum.....	May 28.....	28,000	7			1						
Belleville.....	June 10.....	10,318	2									
Birmingham.....	June 1.....	496,751	162					2	1	1	1	1
Bologna.....	.....do.....	142,810	57					1				1
Bombay.....	Apr. 23.....	853,926	586									
Do.....	Apr. 30.....	853,926	604	1								
Do.....	May 7.....	853,926	593	1								
Brussels.....	May 25.....	507,985	160			1		2		2	1	
Budapest.....	May 20.....	600,000				1		2	3	5		
Do.....	May 27.....	600,000							1	3	1	1
Cairo.....	May 13.....	374,838	351			5		6				
Calcutta.....	May 4.....	681,560	592	71		98				1	3	1

MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—									
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.	
Callao.....	May 12.....	25,000	24										
Cardenas.....	June 1.....	23,517	17										
Catania.....	May 28.....	120,000	75						1		15		
Chatham.....	June 8.....	9,052	2										
Chemnitz.....	May 25.....	160,800	101						2	3	3		
Cienfuegos.....	June 9.....	23,000	23										
Coaticook.....	June 8.....	2,500	0										
Cologne.....	May 25.....	314,834	119							2		1	
Colombo.....	May 11.....	130,000	89										
Copenhagen.....	May 25.....	341,000	113					1	3	2		4	
Crefeld.....	June 1.....	106,394	39							1			
Demerara.....	Apr. 4.....	53,176	53										
Do.....	Apr. 11.....	53,176	54										
Do.....	Apr. 18.....	53,176	48										
Do.....	Apr. 25.....	53,176	60										
Do.....	May 1.....	53,176	57										
Dresden.....	May 18.....	320,600	111						1	1	1	1	
Do.....	May 25.....	320,600	109								1	1	
Dundee.....	June 1.....	160,163	80					1					
Flushing.....	do.....	15,564	2										
Genoa.....	do.....	182,355	91							3	1		
Ghent.....	do.....	155,746	86						1	1			
Gibraltar.....	May 26.....	25,800	6										
Girgenti.....	May 25.....	23,847	15							1			
Gothenburg.....	May 18.....	110,400	44						3				
Do.....	May 25.....	110,400	44						3		1		
Guelph.....	June 8.....	10,689	5							1			
Halifax.....	do.....	38,700	15										
Havana.....	June 6.....	198,620	128			5		2					
Hongkong*.....	May 11.....	232,662						3	1				
Iquique.....	May 4.....	23,910	50										
Do.....	May 11.....	23,910	34										
Do.....	May 18.....	23,910	46										
Kingston, Canada.....	June 1.....	17,808	8										
Leeds.....	do.....	395,546	133					1			1	4	
Leghorn.....	do.....	103,277	44							1			
Licata.....	May 25.....	20,000	12										
Liege.....	June 1.....	160,848	54						2			1	
Liverpool.....	do.....	503,967	256					5	1		5	4	
London, Canada.....	June 8.....	35,000	8										
Lyons.....	May 25.....	500,000	138										
Madras.....	May 10.....	452,518	280							1	2	5	
Magdeburg.....	Apr. 27.....	224,276	77						1	6			
Mannheim.....	May 25.....	88,000	34								1		
Maracaibo.....	June 1.....	42,000	20										
Do.....	June 8.....	42,000	21										
Marsala.....	May 25.....	40,131	29					2					
Matamoras.....	June 7.....	8,000	10									1	
Matanzas.....	June 5.....	50,000	24										
Melbourne.....	Apr. 13.....	1,140,405						4		3			
Do.....	Apr. 20.....	1,140,405						3		1			
Do.....	Apr. 27.....	1,140,405						3					
Do.....	May 4.....	1,140,405						4		3			
Montevideo.....	Apr. 27.....	215,061	79										
Do.....	May 11.....	215,061	55						1				
Munich.....	May 25.....	396,000	181							1	2	1	
Naples.....	do.....	570,000	209				1			1			
Do.....	June 1.....	570,000	286				1						
Nogales.....	June 8.....	1,500	0										
Nuremberg.....	May 18.....	162,628	67							1		2	
Do.....	May 25.....	162,628	77					1				4	
Odessa.....	do.....	324,500	120			1	1			1	2		
Palermo.....	do.....	273,600	113							1	2		
Paso del Norte.....	June 1.....	8,000	11										
Do.....	June 8.....	8,000	1										
Prague.....	May 25.....	194,132	129						3		2	1	2
Puerto Cortez.....	June 5.....	1,500	0										
Queenstown.....	June 1.....	15,000	4								1		
Rheims.....	do.....	105,408	46										
Rio de Janeiro.....	May 11.....	600,000	326		32	4		4		1	1		
Do.....	May 18.....	600,000	358	1	30	2		3			1	1	
Rotterdam.....	June 1.....	272,042	115				1	1					
Sagua la Grande.....	do.....	17,536	12										

* Plague, 1 death.

MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated popula- tion.	Total deaths from all causes.	Deaths from—									
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.	
St. Stephens.....	June 8....	2,700	2										
St. Thomas.....	May 17....	12,019	24										
Do.....	May 24....	12,019	16										
San Juan del Norte	May 25....	1,280	4										
San Pedro.....	June 1....	3,800	0										
Santiago de Cuba	June 8....	70,000	55		8						3		
Santos.....	May 3....	35,000			96								
Schiedam.....	June 1....	25,983	16										
Sonneberg.....	May 19....	12,000	3								1		
Southampton.....	June 1....	67,913	16						1				
Stettin.....	May 25....	133,000	59						1		1		
Stockholm	do.....	259,304	98					1					
Stuttgart.....	May 30....	139,659	54										
Tegucigalpa.....	May 18....	12,000	4										
Trapani.....	May 25....	43,095	12							2		1	
Trieste.....	do.....	158,314	93							2	4		
Truxillo.....	May 18....	5,000	1										
Do.....	May 25....	5,000	0										
Do.....	June 1....	5,000	0										
Tuxpan.....	do.....	10,280	8										2
Vera Cruz.....	June 6....	25,000	39		5								
Warsaw.....	Apr. 25....	535,968	206			1				2	4	2	1
Do.....	May 18....	535,968	166							1	2	1	4
Winnipeg	June 10....	37,062	4										

By authority of the Secretary of the Treasury :

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