

ABSTRACT OF SANITARY REPORTS.

VOL. X.

WASHINGTON, D. C., MAY 3, 1895.

No. 18.

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 at Vicksburg, Miss.

VICKSBURG, MISS., *May 1, 1895.*

SIR: Seaman Emanuel Bell, steamer *State of Kansas*, New Orleans, bound for Cincinnati, and Frank Couche, steamer *J. P. Jackson*, New Orleans, bound for St. Louis, taken off boats. Here this morning suffering from smallpox. Cases isolated.

S. D. ROBBINS,
Acting Assistant Surgeon, M. H. S.

One Case of Smallpox at Henderson, Ky.

EVANSVILLE, IND., *April 27, 1895.*

SIR: I have to report the existence of a case of smallpox at Henderson, Ky., 12 miles below this place, on the Ohio River. This case has particular interest for Evansville, from the fact that until the 20th instant the person affected, a negro man, was living and working here, and I therefore visited the case yesterday upon the request of Health Officer Lieber, of Henderson, and confirmed his diagnosis. The source of contagion is as yet undetermined.

Very respectfully,

P. M. CARRINGTON,
Passed Assistant Surgeon, M. H. S.

Additional Cases of Smallpox in Charles County, Maryland.

BALTIMORE, MD., *April 27, 1895.*

SIR: You are hereby informed that 2 additional cases of smallpox have developed in Charles County, 1 white and 1 colored; residents; very mild. The origin of the disease is contact with first cases; 25 cases in all.

Respectfully, yours,

JAMES A. STEUART, M. D.,
Secretary State Board of Health.

One Case of Smallpox at Newport, N. H.

CONCORD, N. H., *April 24, 1895.*

SIR: You are hereby informed that 1 case of smallpox exists at Newport, in the person of a citizen of that town. The origin of the disease is uncertain.

Respectfully, yours,

IRVING A. WATSON,
Secretary State Board of Health.

Smallpox in Nogales, Ariz.

NOGALES, ARIZ., *April 25, 1895.*

SIR: I have the honor to report 1 new case of smallpox in Nogales, Ariz.

Yours, respectfully,

W. F. CHENOWETH,
Sanitary Inspector, M. H. S.

Smallpox in Evansville, Ind.

EVANSVILLE, IND., *April 30, 1895.*

SIR: I have the honor to report that 2 cases of smallpox were discovered in Evansville yesterday. The patients, both of whom are negroes, are said to have arrived here from Princeton, Ind., on the 27th instant.

Very respectfully,

P. M. CARRINGTON,
Passed Assistant Surgeon, M. H. S.

Enteric Fever in Evansville, Ind.

EVANSVILLE, IND., *April 30, 1895.*

SIR: I have to report the unusual prevalence of enteric fever in this city. The following figures were furnished me this morning by the local health officer, viz: Week ended April 17, cases reported, 19; week ended April 24, cases reported, 87; from April 24 to date, 41.

Very respectfully,

P. M. CARRINGTON,
Passed Assistant Surgeon, M. H. S.

Report of Immigration at New York for the Week ended April 27, 1895.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of New York, April 29, 1895.

Number of Alien Immigrants who Arrived at this Port during the Week ended April 27, 1895; also Names of Vessels and Ports from which they Arrived.

Date.	Vessel.	Where from.	No. of immigrants from Russia.	No. of immigrants.
1895.				
Apr. 21	Steamship La Champagne.....	Havre.....	1	247
Do...	Steamship Olympia.....	Naples.....		469
Apr. 22	Steamship Amsterdam.....	Rotterdam.....	21	157
Do...	Steamship Ethiopia.....	Glasgow and Moville.....	5	192
Do...	Steamship Berlin.....	Southampton.....	10	281
Apr. 23	Steamship Weimar.....	Bremen.....	45	138
Do...	Steamship Westernland.....	Antwerp.....	12	280
Apr. 24	Steamship State of Nebraska.....	Glasgow and Londonderry.....	9	138
Do...	Steamship Fulda.....	Genoa, Gibraltar, etc.....		818
Apr. 25	Steamship Salier.....	Bremen.....	20	149
Do...	Steamship Virginia.....	Helsingborg, Gothenburg, etc.....		383
Apr. 26	Steamship Trave.....	Bremen.....	1	114
Apr. 27	Steamship Campania.....	Liverpool and Queenstown.....		717
Do...	Steamship Polaria.....	Hamburg.....	58	158
Do...	Steamship Phoenicia.....	do.....	57	94
Do...	Steamship Adriatic.....	Liverpool and Queenstown.....	1	692
	Total		240	5,027

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

Report of Immigration at Philadelphia for the Week ended April 27, 1895.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Philadelphia, April 27, 1895.

Number of Alien Immigrants who Arrived at this Port during the Week ended April 27, 1895; also Names of Vessels and Ports from which they Arrived.

Date.	Vessel.	Where from.	No. of immigrants from Russia.	No. of immigrants.
1895.				
Apr. 21	Steamship Southwark	Liverpool and Queenstown....	2	888
Apr. 22	Steamship Pennland	Antwerp	4	94
	Total		6	982

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

Report of Immigration at Portland, Me., for the Week ended April 27, 1895.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Portland, Me., April 27, 1895.

Number of Alien Immigrants who Arrived at this Port during the Week ended April 27, 1895; also Name of Vessel and Port from which it Arrived.

Date.	Vessel.	Where from.	No. of immigrants from Russia.	No. of immigrants.
1895.				
Apr. 24	Steamship Oregon	Liverpool.....		24

GEORGE H. FOGG,
Commissioner of Immigration.

Smallpox in the United States as reported to the Supervising Surgeon-General Marine-Hospital Service, February 1 to April 30, 1895.

Places.	Date.	Cases.	Deaths.	Remarks.
Arizona :				
Nogales.....	Apr. 25.....	3	2	
Arkansas :				
Brinkley	Mar. 16.....	4		
Camden	Mar. 24.....	1		
Donaldson	Mar 16.....	4		
Garland County (Hot Springs).....	Feb. 1-April 20...	192	44	
Hollywood.....	Feb. 28-Mar. 8.....	1	1	
Malvern	Feb. 1-Mar. 16.....	4		
California :				
Angel Island Quarantine, San Francisco.	Apr. 20.....	2		Taken from steamship Coptic.
Connecticut :				
New Haven	Apr. 3.....	1		
District of Columbia :				
Washington.....	Oct. 18-Feb. 6.....	47	9	
	Feb. 24-Mar. 12.....	4		
Illinois :				
Cairo.....	Mar. 11.....	1		
Chicago	Feb. 1-Feb. 28.....	95	21	
	Mar. 1-Mar. 27.....	67	31	
Madison.....	Feb. 25.....	8	2	
Olney	do	1		
Quincy	do	1		

Smallpox in the United States as reported to the Supervising Surgeon-General Marine Hospital Service, February 1 to April 30, 1895—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Indiana :				
Evansville.....	Apr. 30.....	2	.....
Michigan City.....	Jan. 12-Feb. 9.....	2	1	
Franklin.....	Feb. 9-Feb. 22.....	2	.....
New Carlisle.....	.....do.....	2	.....
Jeffersonville.....	Apr. 24.....	1	1	
Clark County.....	Apr. 24.....	3	1	
Tell City.....	Apr. 24.....	3	.....
Roby.....	.....do.....	1	.....
La Porte.....	Feb. 22.....	1	.....
Whiting.....	.....do.....	1	.....
Iowa :				
Council Bluffs.....	Jan. 27-Feb. 2.....	3	.....
Muscatine.....	Apr. 17.....	1	.....
Kentucky :				
Ashland.....	Mar. 25.....	4	1	
Henderson.....	Apr. 27.....	1	.....
Lexington.....	.....do.....	25	3	
Paducah.....	Mar. 24.....	1	.....
Princeton.....	.....do.....	1	.....
Louisiana :				
Monroe.....	Feb. 10-Feb. 22.....	3	1	
New Orleans.....	Mar. 9-Apr. 6.....	6	1	
.....	Apr. 13-Apr. 20.....	1	.....
Maryland :				
Charles County.....	Apr. 10.....	23	3	
.....	Apr. 27.....	2	.....
Michigan :				
Brownstown Township.....	Apr. 13-Apr. 20.....	.....	.....	Smallpox reported.
Detroit.....	Jan. 27-Mar. 2.....	27	11	
.....	Mar. 9-Mar. 30.....	8	1	
Grand Rapids.....	Feb. 23-Mar. 2.....	1	.....
Plymouth Township.....	Jan. 1-Feb. 6.....	4	1	
Three Rivers.....	Mar. 1-Mar. 7.....	1	.....
Watson Township.....	Mar. 13.....	1	.....
Ypsilanti.....	Mar. 9-Mar. 16.....	.....	.....	Smallpox reported.
Mississippi :				
Vicksburg.....	Mar. 26.....	1	.....
.....	May 1.....	2	.....
Missouri :				
St. Louis.....	Jan. 12-Feb. 9.....	25	4	
.....	Feb. 23-Mar. 23.....	90	31	
.....	Mar. 28-Apr. 6.....	17	4	
.....	Apr. 13-Apr. 27.....	53	5	
Lincoln County.....	Mar. 1-Apr. 1.....	20	.....
Nodoway County.....	Apr. 6.....	1	.....
New Hampshire :				
Newport.....	Apr. 24.....	1	.....
New Jersey :				
Snake Hill.....	Feb. 22.....	1	.....
Union Township.....	Apr. 20.....	1	.....
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	
.....	Feb. 9-Mar. 23.....	5	1	
Westchester.....	Feb. 23.....	1	.....
Ohio :				
Cincinnati.....	Mar. 16-Apr. 26.....	70	13	
Coal City.....	Mar. 28-Apr. 18.....	2	.....
Columbus.....	Mar. 9-Mar. 16.....	1	.....
Lima.....	Mar. 8.....	1	.....
Wellington.....	Mch. 28-Apr. 18.....	3	.....
Oklahoma :				
Cleveland County.....	Mar. 1-Apr. 3.....	3	.....
Pennsylvania :				
Ashbourne.....	Jan. 1-Feb. 12.....	9	1	
Danville.....	Jan. 23-Feb. 12.....	1	.....
Philadelphia.....	Dec. 18-Mar. 16.....	224	26	
.....	Mar. 16-Apr. 9.....	19	7	
.....	Apr. 13-Apr. 20.....	1	.....
Pittsburg.....	Jan. 1-Mar. 16.....	2	.....
.....	Mar. 27.....	1	.....
Wilkesbarre.....	Feb. 12-Mar. 2.....	1	.....
Rhode Island :				
Providence.....	Feb. 12.....	1	.....
Tennessee :				
Memphis.....	Mar. 24.....	1	.....

Smallpox in the United States as reported to the Supervising Surgeon-General Marine-Hospital Service, February 1 to April 30, 1895—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Texas:				
Fort Worth	Feb. 16-Mar. 23.....	11	1	
Marshall	Mar. 30-Apr. 6.....	2		
Taylor	Mar. 13.....	1		
Taylor	Feb. 15.....	1		
Virginia:				
Newport News.....	Feb. 24.....	1		
West Virginia:				
Bluefields	Feb. 21.....	1		
Thacker	Apr. 6.....	3		
Wheeling	Mar. 18-Mar. 25....	2		
Wisconsin:				
De Pere Township.....	Mar. 23-Apr. 22....	5	1	
Dover.....	Mar. 2-Mar. 9.....	4		
Eau Claire.....	Jan. 12-Jan. 19....	1	1	
Granville.....	Feb. 9-Feb. 16....	1		
Gibson Township.....	Apr. 8-Apr. 22....	1		
Greenfield.....	Jan. 5-Mar. 2.....	16	4	
Lawrence Township.....	Dec. 22-Feb. 2....	9	1	
Manitowoc Rapids.....	Feb. 25-Mar. 2....	6	2	
Milwaukee.....	Apr. 8-Apr. 22....	1		
Sparta.....	Dec. 25-Feb. 16....	3	1	
Springville.....	Oct. 6-Mar. 23....	52	164	
	Mar. 23-Apr. 22....	34	6	
	Mar. 9-Mar. 23....	6		
	Apr. 8-Apr. 22....	1		

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

DELAWARE BREAKWATER QUARANTINE.

Week ended April 27, 1895.

Six vessels inspected and passed.

Two vessels spoken and passed.

GULF QUARANTINE.

Week ended April 22, 1895.

Name of vessel.	Date of arrival.	Where from.	Destina- tion.	Treatment of vessel and cargo.	Date of dep'ture.
British ship Ellerslie*.....	Apr. 14	Santos.....	Ship Island..	Held for disinfection.	.....
British ship Sardinian*.....	do.....	Buenos Ayres.	.....do.....	do.....	.....

* Previously reported.

One vessel inspected and passed.

PORT TOWNSEND QUARANTINE.

Week ended April 20, 1895.

Seven vessels inspected and passed.

REEDY ISLAND QUARANTINE.

Week ended April 21, 1895.

Fifteen vessels inspected and passed.

Week ended April 28, 1895.

Nineteen vessels inspected and passed. One vessel spoken and passed.

SAN DIEGO QUARANTINE.

Week ended April 24, 1895.

Two vessels inspected and passed.

SAN FRANCISCO QUARANTINE.

Week ended April 19, 1895.

Name of vessel.	Date of arrival.	Where from.	Destina- tion.	Treatment of vessel and cargo.	Date of dep'ture
Steamship Coptic.....	Apr. 12	Hongkong	San Fran- cisco.	Disinfected.....	Apr. 19

SOUTH ATLANTIC QUARANTINE.

Week ended April 20, 1895.

Name of vessel.	Date of arrival.	Where from.	Destina- tion.	Treatment of vessel and cargo.	Date of dep'ture.
British schooner Jennie Parker.	Apr. 17	Gibara, Cuba.	Union Is- land, Ga.	Held for disinfection.	

One vessel inspected and passed.

Week ended April 27, 1895.

Name of vessel.	Date of arrival.	Where from.	Destina- tion.	Treatment of vessel and cargo.	Date of dep'ture.
British schooner Jennie Parker. *	Apr. 17	Gibara, Cuba.	Union Is- land, Ga.	Disinfected.....	Apr. 25

* Previously reported.

Reports of States and Yearly and Monthly Reports of Cities.

IOWA—Boone.—Month of March, 1895. Estimated population, 9,000. Total deaths, 9, including 1 from diphtheria.

Cedar Rapids.—Month of March, 1895. Estimated population, 25,000. Total deaths, 19, including phthisis pulmonalis, 2; diphtheria, 1; scarlet fever, 1; and whooping cough, 1.

Clinton.—Month of March, 1895. Estimated population, 22,000. Total deaths, 34, including phthisis pulmonalis, 8.

Council Bluffs.—Month of March, 1895. Estimated population, 21,000. Total deaths, 25, including phthisis pulmonalis, 4; and enteric fever, 1.

Creston.—Month of March, 1895. Estimated population, 10,000. Total deaths, 8, including 1 from whooping cough.

Davenport.—Month of March, 1895. Estimated population, 35,500. Total deaths, 38, including phthisis pulmonalis, 1; diphtheria, 1; enteric fever, 1; and scarlet fever, 1.

Dubuque.—Month of March, 1895. Estimated population, 40,000. Total deaths, 51, including phthisis pulmonalis, 4; and diphtheria, 2.

Eldon.—Month of March, 1895. Estimated population, 1,900. Three deaths.

Keokuk.—Month of March, 1895. Estimated population, 18,000. Total deaths 21, including phthisis pulmonalis, 5.

Marshalltown.—Month of March, 1895. Estimated population, 8,914. Total deaths, 6, including diphtheria 1, and scarlet fever, 2.

Mason City.—Month of March, 1895. Estimated population, 6,000. Total deaths, 7, including 1 from phthisis pulmonalis and 1 from enteric fever.

Nashua.—Month of March, 1895. Estimated population, 1,500. One death.

Oskaloosa.—Month of March, 1895. Estimated population, 8,000. Total deaths, 8, including 1 from phthisis pulmonalis and 1 from diphtheria.

Ottumwa.—Month of March, 1895. Estimated population, 17,000. Total deaths, 35, including phthisis pulmonalis, 4; and measles, 1.

Sioux City.—Month of March, 1895. Estimated population, 40,000. Total deaths, 31, including phthisis pulmonalis, 3.

KENTUCKY—*Louisville*.—Month of March, 1895. Estimated population, 200,000. Total deaths, 349, including phthisis pulmonalis, 35; enteric fever, 9; scarlet fever, 1; and diphtheria, 1.

MAINE—*Portland*.—Four weeks ended April 20, 1895. Estimated population, 40,000. Total deaths, 65, including 4 from phthisis pulmonalis.

MICHIGAN.—Week ended April 20, 1895. Reports to the State board of health, Lansing, from 55 observers, indicate that erysipelas increased, and that pleuritis, remittent fever, and pneumonia decreased in area of prevalence. Phthisis pulmonalis was reported present during the week at 150 places, scarlet fever at 40, diphtheria at 21, measles at 20, enteric fever at 17, and smallpox at 3 places—Brownstown Township, Detroit, and Grand Rapids.

TEXAS—*Laredo*.—Month of March, 1895. Estimated population, 11,350. Total deaths, 38, including phthisis pulmonalis, 8; and enteric fever, 1.

WASHINGTON—*Spokane*.—Month of January, 1895. Estimated population, 30,000. Total deaths, 23, including 4 from phthisis pulmonalis.

Month of February, 1895. Total deaths, 18, including 7 from phthisis pulmonalis.

Month of March, 1895. Total deaths, 15, including 2 from phthisis pulmonalis.

PUBLICATIONS RECEIVED.

Third Annual Report of the Board of Health of the City of Spokane, Washington.

Annual Statement of Mortality in the City of Louisville, Ky., for the year ended August 31, 1894.

Seventeenth Annual Report of the Board of Health of the City of Somerville, Mass., 1894.

Reports and Papers on Cholera in England in 1893. With an introduction by the medical officer of the local Government board.

Laws and Regulations relating to Quarantine in Mobile Bay, Ala., 1892.

Om Gula Feberns Spridningssätt, af Ernst Aberg, M. D., Ch. M.

Sur la transmission de la Fièvre Jaune. Résumé de la conférence faite au 14^{ème} Congrès des Naturalistes Scandinaves à Copenhague en 1892. Par Ernst Aberg, M. D., Ch. M.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Population, U. S. Census of 1880.	Total deaths from all causes.	Deaths from—										
				Phthisis pulmonalis.	Yellow fever.	Smallpox.	Variceloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Allegheny, Pa.....	Apr. 27.....	105,287	30	5						1		1		1
Amesbury, Mass.....	do.....	9,798	1											
Ashtabula, Ohio.....	do.....	8,338	0											
Auburn, N. Y.....	do.....	25,858	11	1										
Augusta, Ga.....	Apr. 26.....	33,300	19	4										
Baltimore, Md.....	Apr. 27.....	434,439	163	24						2	3	4	2	2
Bath, Me.....	Apr. 20.....	8,723	1											
Battle Creek, Mich.....	Apr. 27.....	13,197	2	1										
Belleville, Ill.....	Apr. 20.....	15,361	4											
Do.....	Apr. 27.....	15,361	6											
Bennington, Vt.....	Apr. 20.....	6,391	3	1										
Beverly, Mass.....	do.....	10,821	2											
Binghamton, N. Y.....	Apr. 27.....	35,005	9	1										
Boston, Mass.....	do.....	448,477	223	23						2	3	10		
Braddock, Pa.....	Apr. 20.....	8,561	3											
Do.....	Apr. 27.....	8,561	7											
Bristol, Conn.....	do.....	7,382	1											
Brockton, Mass.....	Apr. 20.....	27,294	9	3										
Brooklyn, N. Y.....	Apr. 27.....	806,343	457	38							2	33	11	3
Butler, Pa.....	do.....	8,734	2											
Butte, Mont.....	Apr. 20.....	10,723	5											
Cambridge, Mass.....	Apr. 27.....	70,023	28	3										
Carlisle, Pa.....	do.....	7,620	4											
Charleston, S. C.....	Apr. 20.....	*54,955	†31	2										
Cincinnati, Ohio.....	Apr. 26.....	296,908	137	20		3				1		2	1	
Cleveland, Ohio.....	Apr. 27.....	261,353	107	14							3			
Columbus, Ind.....	Apr. 20.....	6,719	2									1		
Do.....	Apr. 27.....	6,719	0											
Columbus, Ohio.....	do.....	88,150	21	5										
Crawfordsville, Ind.....	do.....	6,089	0											
Cumberland, Md.....	do.....	12,729	5											
Dayton, Ohio.....	Apr. 25.....	61,220	18	3										
Dedham, Mass.....	Apr. 20.....	7,123	3											
Do.....	Apr. 27.....	7,123	4											
Denver, Colo.....	do.....	106,713	34	9										
Dunkirk, N. Y.....	Apr. 13.....	9,416	2	1										
Do.....	Apr. 20.....	9,416	3											
Elgin, Ill.....	Apr. 27.....	17,823	6	1										
Erie, Pa.....	Apr. 5.....	40,634	8									1		
Everett, Wash.....	Apr. 27.....	11,068	10									1		
Fall River, Mass.....	do.....	74,398	35	4						1				
Flint, Mich.....	Apr. 20.....	9,803	7	3										
Do.....	Apr. 27.....	9,803	1											
Fort Worth, Tex.....	Apr. 20.....	23,076	7	2						2	1			
Grand Rapids, Mich.....	Apr. 27.....	60,278	19	1										
Haverhill, Mass.....	do.....	27,412	11	2										1
Hoboken, N. J.....	Apr. 20.....	43,648	20								1	1		
Ironton, Ohio.....	do.....	10,939	3	1							1			
Jamestown, N. Y.....	do.....	16,038	2	1										
Jersey City, N. J.....	Apr. 14.....	163,003	85	15						7	1			1
Johnstown, N. Y.....	Apr. 20.....	7,768	6											
Johnstown, Pa.....	Apr. 27.....	21,805	6											
Kalamazoo, Mich.....	Apr. 20.....	17,853	5	1										
Knoxville, Tenn.....	Apr. 27.....	22,535	13	1									1	
Lawrence, Mass.....	Apr. 20.....	44,654	17							1	1			
Lebanon, Pa.....	Apr. 23.....	14,664	4											
Lowell, Mass.....	Apr. 27.....	77,696	39	6										
Ludington, Mich.....	do.....	7,517	1											
Lynchburg, Va.....	do.....	19,709	7	1										
McKeesport, Pa.....	Apr. 20.....	20,741	4											
Manitowoc, Wis.....	Mar. 16.....	7,710	5	1										
Do.....	Mar. 23.....	7,710	2											
Do.....	Mar. 30.....	7,710	4											
Do.....	Apr. 6.....	7,710	0											
Do.....	Apr. 13.....	7,710	5	2										
Do.....	Apr. 20.....	7,710	3	2										
Marinette, Wis.....	Apr. 27.....	11,523	7											
Massillon, Ohio.....	do.....	10,092	3	1										
Michigan City, Ind.....	do.....	10,776	3											
Middletown, Ohio.....	Apr. 20.....	7,681	1	1										
Milwaukee, Wis.....	Apr. 27.....	204,468	65	6		2						4		1
Nashville, Tenn.....	do.....	76,168	49	12							1			
Naugatuck, Conn.....	do.....	6,218	3											

* Estimated population, white, 28,870; colored, 36,295. Total, 65,165. † White, 12; colored, 19.

MORTALITY TABLE, CITIES OF THE UNITED STATES—Continued.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—														
				Phthisis pulmonalis.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.				
New Bedford, Mass.	do.	40,733	17															
New Brunswick, N. J.	do.	18,603	9															
New Haven, Conn.	Apr. 25	81,298	34	6														
New Orleans, La.	Apr. 20	242,039	126	17														
Newport, R. I.	Apr. 27	19,457	11	2														
Newton, Mass.	do.	24,379	7															
New York, N. Y.	do.	1,515,301	885	115														
Norristown, N. J.	do.	19,791	3															
North Adams, Mass.	do.	16,074	6															
Northampton, Mass.	Apr. 20	14,990	4															
North Attleboro, Mass.	Apr. 27	6,727	2															
Olean, N. Y.	do.	7,358	0															
Omaha, Nebr.	do.	140,452	23	2														
Oneonta, N. Y.	do.	6,272	6															
Ottumwa, Iowa	Apr. 20	14,001	3															
Passaic, N. J.	Apr. 27	13,028	9															
Pensacola, Fla.	Apr. 20	11,750	6	3														
Pittsfield, Mass.	Apr. 27	17,281	3	2														
Plymouth, Mass.	Apr. 16	7,314	22															
Portland, Me.	Apr. 27	36,425	13															
Pottstown, Pa.	Apr. 13	13,285	5	2														
Do	Apr. 20	13,285	7															
Pottsville, Pa.	do.	14,117	3															
Do	Apr. 27	14,117	5	1														
Poughkeepsie, N. Y.	Apr. 21	22,206	21	1														
Providence, R. I.	Apr. 27	132,146	79	6														
Pueblo, Colo.	Apr. 20	24,558	7	1														
Putnam, Conn.	do.	6,512	4															
Reading, Pa.	Apr. 29	58,661	16	5														
Richmond, Va.	Apr. 27	81,388	34	8														
Rochester, N. Y.	do.	133,896	43	2														
St. Louis, Mo.	do.	451,770	170	14		2												
Salt Lake City, Utah	Apr. 20	44,843	8															
San Diego, Cal.	do.	16,159	6															
Santa Barbara, Cal.	do.	5,864	2															
Sault Ste. Marie, Mich.	do.	5,760	3															
Sioux Falls, S. Dak.	do.	10,177	1	1														
Somerville, N. J.	Apr. 27	40,152	20															
South Bethlehem, Pa.	do.	10,302	4	1														
Spokane, Wash.	Apr. 20	19,922	4															
Sterling, Ill.	do.	5,824	1															
Stockton, Cal.	Apr. 22	14,424	4	1														
Superior, Wis.	Apr. 20	11,983																
Taunton, Mass.	Apr. 27	25,448	4															
Tiffin, Ohio	Apr. 20	10,801	5															
Urbana, Ohio	do.	6,510	2	1														
Utica, N. Y.	Apr. 27	44,007	7	2														
Virginia City, Nev.	Apr. 13	8,511	0															
Do	Apr. 20	8,511	1															
Wallingford, Conn.	Apr. 27	6,584	4															
Waltham, Mass.	Apr. 20	18,707	8															
Do	Apr. 27	18,707	4															
Warren, Ohio	Apr. 21	5,973	3															
Do	Apr. 29	5,973	1															
Washington, D. C.	Apr. 20	230,392	103	18														
Do	Apr. 27	230,392	140	27														
West Bay City, Mich.	do.	12,981	5															
Wilmington, Del.	do.	61,431	26	6														
Winona, Minn.	Apr. 20	18,208	3	2														
Woburn, Mass.	do.	13,499	2															
Do	Apr. 27	13,499	4															
Worcester, Mass.	Apr. 18	81,655	22	1														
Yonkers, N. Y.	Apr. 26	32,033	14															
Youngstown, Ohio	Apr. 27	33,220	12	2														

*

Table of Temperature and Rainfall, Week ended April 29, 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.....	42	2		.82		.52
Portland, Me.....	46	0		.70		.30
Northfield, Vt.....	44	2		.56		.56
Boston, Mass.....	49	1		.77		.57
Vineyard Haven, Mass.....	50	0		.66		.36
Nantucket, Mass.....	45	1		.70		.40
Woods Hole, Mass.....	47		1	.89		.49
Block Island, R. I.....	47		1	.74		.44
New Haven, Conn.....	50	2		.84		.74
New London, Conn.....	50	0		.84		.44
Albany, N. Y.....	51	3		.63		.43
New York, N. Y.....	53	1		.77		.37
Harrisburg, Pa.....	55	1		.91	.19	
Philadelphia, Pa.....	55	3		.63	.87	
Atlantic City, N. J.....	51		1	.70	.60	
Baltimore, Md.....	57	1		.77	1.93	
Washington, D. C.....	57	3		.73	1.96	
Lynchburg, Va.....	60	2		.76	1.34	
Cape Henry, Va.....	58	2		1.05		.55
Norfolk, Va.....	60	6		.93	1.77	
Charlotte, N. C.....	63	3		.98	.30	
Raleigh, N. C.....	61	5		.68	1.72	
Kittyhawk, N. C.....	59	3		1.12		.72
Hatteras, N. C.....	61	5		1.12	1.58	
Wilmington, N. C.....	65	3		.70	3.40	
Columbia, S. C.....	66	2		.72	1.58	
Charleston, S. C.....	68	2		.88		.08
Augusta, Ga.....	68	0		.80		.50
Savannah, Ga.....	69	1		.77	1.43	
Jacksonville, Fla.....	71	1		.77	2.23	
Titusville, Fla.....	73		1	.74	1.06	
Jupiter, Fla.....	75		3	.84	.56	
Key West, Fla.....	77		1	.42		.22
Gulf States:						
Atlanta, Ga.....	65	1		.76	.94	
Tampa, Fla.....	73		1	.39	.61	
Pensacola, Fla.....	70	0		.78	4.22	
Mobile, Ala.....	70	0		.98	.82	
Montgomery, Ala.....	69	1		1.12		.52
Meridian, Miss.....	68	2		.80		.70
Vicksburg, Miss.....	69	1		1.40		.70
New Orleans La.....	71	1		1.25		1.15
Shreveport, La.....	70	0		1.23		1.13
Fort Smith, Ark.....	65	1		1.31		.61
Little Rock, Ark.....	66	2		1.19		.29
Palestine, Tex.....	69	1		1.14		.14
Galveston, Tex.....	72	0		.76		.46
San Antonio, Tex.....	71	3		.77		.56
Corpus Christi, Tex.....	72	0		.52	.88	
Ohio Valley and Tennessee:						
Memphis, Tenn.....	65	3		1.21	.49	
Nashville, Tenn.....	63	3		1.08		.68
Chattanooga, Tenn.....	64	2		1.05	.15	
Knoxville, Tenn.....	62	4		1.10		1.10
Louisville, Ky.....	61	5		.98		.48
Indianapolis, Ind.....	56	8		.84		.64
Cincinnati, Ohio.....	58	6		.70		.30
Columbus, Ohio.....	55	7		.86		.76
Parkersburg, W. Va.....	56	8		.84		.84
Pittsburg, Pa.....	55	7		.63		.63
Lake Region:						
Oswego, N. Y.....	46	4		.49		.49
Rochester, N. Y.....	48	6		.56		.56
Buffalo, N. Y.....	46	6		.63		.63
Erie, Pa.....	48	4		.70		.70
Cleveland, Ohio.....	49	7		.61		.51
Sandusky, Ohio.....	50	6		.56		.36
Toledo, Ohio.....	51	7		.61		.61
Detroit, Mich.....	50	6		.57		.47
Lansing, Mich.....	53	3		.56		.56
Port Huron, Mich.....	45	5		.52		.52
Alpena, Mich.....	41	3		.53		.43
Sault Ste. Marie, Mich.....	41	5		.42		.42
Marquette, Mich.....	41	5		.49		.49

* The figures in these columns represent the average daily departure

Table of Temperature and Rainfall, Week ended April 29, 1895—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Deficiency.	Normal.	Excess.	Deficiency.
Lake Region—Continued.						
Green Bay, Wis.....	47	5	.....	.54	.....	.54
Grand Haven, Mich.....	48	6	.....	.62	.....	.62
Milwaukee, Wis.....	48	2	.....	.69	.....	.69
Chicago, Ill.....	49	1	.....	.77	.....	.67
Duluth, Minn.....	42	2	.....	.62	.....	.12
Upper Mississippi Valley:						
St. Paul, Minn.....	51	7	.....	.63	.....	.13
La Crosse, Wis.....	52	8	.....	.59	.....	.59
Dubuque, Iowa.....	53	9	.....	.80	.....	.80
Davenport, Iowa.....	54	8	.....	.77	.....	.77
Des Moines, Iowa.....	55	9	.....	.86	.....	.16
Keokuk, Iowa.....	56	8	.....	.80	.....	.60
Springfield, Ill.....	57	7	.....	.91	.....	.91
Cairo, Ill.....	62	4	.....	.91	.....	.21
St. Louis, Mo.....	61	7	.....	.79	.....	.69
Missouri Valley:						
Columbia, Mo.....	59	7	.....	1.31	.....	1.31
Springfield, Mo.....	61	5	.....	1.19	.....	1.09
Kansas City, Mo.....	59	9	.....	.88	.....	.78
Wichita, Kans.....	59	7	.....	.80	.....	.80
Concordia, Kans.....	57	9	.....	.84	.....	.84
Omaha, Nebr.....	56	12	.....	.79	1.01	.....
Yankton, S. Dak.....	52	14	.....	.81	.19	.....
Valentine, Nebr.....	51	11	.....	.66	.....	.56
Huron, S. Dak.....	50	12	.....	.77	.03	.....
Pierre, S. Dak.....	52	10	.....	.42	.28	.....
Moorehead, Minn.....	45	9	.....	.49	.01	.....
St. Vincent, Minn.....	42	8	.....	.35	.15	.....
Bismarck, N. Dak.....	47	9	.....	.56	.14	.....
Williston, N. Dak.....	48	4	.....	.35	.....	.35
Rocky Mountain Region:						
Havre, Mont.....	48	6	.....	.21	.19	.....
Helena, Mont.....	48	6	.....	.28	.....	.08
Miles City, Mont.....	51	7	.....	.32	.48	.....
Rapid City, S. Dak.....	49	9	.....	.63	.....	.63
Spokane, Wash.....	52	6	.....	.28	.....	.18
Wallawalla, Wash.....	58	4	.....	.38	.02	.....
Baker City, Oreg.....	47	7	.....	.28	.52	.....
Winnemucca, Nev.....	50	2	.....	.21	.19	.....
Salt Lake City, Utah.....	54	4	.....	.53	.....	.43
Lander, Wyo.....	45	7	.....	.56	2.44	.....
Cheyenne, Wyo.....	46	8	.....	.38	.....	.28
North Platte, Nebr.....	53	9	.....	.63	.....	.33
Denver, Colo.....	51	7	.....	.56	.....	.56
Pueblo, Colo.....	54	6	.....	.42	.....	.42
Dodge City, Kans.....	58	6	.....	.60	.....	.60
Oklahoma, Okla.....	64	4	.....	.82	.....	.72
Abilene, Tex.....	67	3	.....	1.06	.44	.....
Santa Fe, N. Mex.....	51	1	.....	.14	.....	.14
El Paso, Tex.....	68	0	.....	.00	.....	.00
Tucson, Ariz.....	69	.....	3	.01	.....	.01
Pacific Coast:						
Tatoosh Island, Wash.....	48	0	.....	1.05	.....	1.05
Port Angeles, Wash.....	47	1	.....	.37	.....	.37
Olympia, Wash.....	51	3	.....	.70	.....	.70
Fort Canby, Wash.....	49	1	.....	.77	.....	.77
Astoria, Oreg.....	53	0	.....	1.19	.....	1.19
Portland, Oreg.....	55	3	.....	.68	.....	.68
Roseburg, Oreg.....	54	2	.....	.57	.....	.07
Eureka, Cal.....	51	1	.....	.78	.....	.38
Red Bluff, Cal.....	63	.....	1	.49	.....	.29
Carson City, Nev.....	51	.....	1	.07	.23	.....
Sacramento, Cal.....	61	.....	1	.56	.14	.....
San Francisco, Cal.....	57	.....	1	.39	.71	.....
Fresno, Cal.....	64	.....	2	.22	.68	.....
Independence, Cal.....	60	.....	2	.05	.....	.05
Los Angeles, Cal.....	61	.....	3	.28	.02	.....
San Diego, Cal.....	60	.....	2	.19	.....	.19
Yuma, Ariz.....	73	.....	3	.07	.....	.07

* 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 April 30, 1895.

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
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	
La Plata.....	Dec. 29.....	1		
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	
Austria-Hungary:				
Galicia.....	Dec. 3-Feb 17.....	877	450	
Belgium.....	Nov. 18-Nov. 24.....	3		
Brazil.....	Dec. 11-Feb. 4.....			* Cholera reported.
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	
Cachoeira.....	Feb. 24-Mar. 8.....	40	21	
Desergano.....	March 20.....	11		
Itapemerim.....	.....do.....	50	2	
Ceylon:				
Colombo.....	Jan. 26-Feb. 2.....	8	8	
France:				
Roubaix.....	December.....		3	
Germany.....	Dec. 10-Dec. 31.....	3	2	
Holland.....	Dec. 8.....	7		
India:				
Bombay.....	Dec. 11-Jan. 8.....		4	
	Mar. 5-Mar. 12.....		1	
Calcutta.....	Nov. 17-Feb. 13.....		431	
	Mar. 2-Mar. 16.....		67	
Madras.....	Dec. 7-Feb. 22.....		68	
	Mar. 2-Mar. 8.....		2	
	Mar. 16-Mar. 22.....		1	
Japan:				
Hiroshima.....	Mar. 29.....	1		
Moji.....	Mar. 19.....	18	10	
	Mar. 22.....		1	
Russia (governments):				
Archangel.....	Oct. 28-Nov. 3.....	4	3	
Baku.....	Nov. 4-Dec. 8.....		9	
Bessarabia.....	Nov. 11-Jan. 12.....	135	62	
Ekaterinoslav.....	Nov. 11-Dec. 15.....	35	26	
Grodno.....	Nov. 25-Dec. 8.....	61	35	
Kiev.....	Nov. 11-Dec. 29.....	161	71	
Kovno.....	Nov. 11-Dec. 29.....	98	53	
	Jan. 20-Jan. 21.....	1	1	
Kurland.....	Nov. 4-Dec. 15.....	5	3	
	Dec. 23-Feb. 2.....	44	21	
Kursk.....	Dec. 2-Dec. 8.....	5	3	
	Jan. 6-Jan. 19.....	4	3	
Lomza.....	Nov. 18-Dec. 2.....	11	8	
Lublin.....	Nov. 3-Dec. 8.....	45	14	
Minsk.....	Nov. 16-Dec. 29.....	49	17	
	Jan. 6-Jan. 12.....	5	3	
Mohilev.....	Nov. 25-Dec. 22.....	52	16	
Olonetz.....	Nov. 18-Nov. 24.....	7	4	
Pensa.....	Nov. 11-Nov. 24.....	20	12	
Perm.....	Nov. 4-Dec. 8.....	39	22	
Petrikov.....	Nov. 25-Dec. 22.....	74	37	
	Jan. 4-Jan. 19.....	6	1	
Podolia.....	Nov. 11-Mar. 2.....	2,064	885	

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

Cholera and Yellow Fever, etc.—Continued.

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<i>Russia—Continued.</i>				
Pskov.....	Nov. 16-Dec. 7.....	4	2	
Radom.....	Jan. 1-Jan. 26.....	20	9	
Riasan.....	Nov. 4-Jan. 5.....	52	33	
Saratov.....	Nov. 11-Dec. 29.....	26	20	
	Jan. 6-Jan. 12.....	3	1	
Suwalki.....	Jan. 18-Jan. 26.....	25	10	
Tambov.....	Nov. 18-Dec. 8.....	42	16	
Taurien.....	Nov. 4-Dec. 8.....	61	35	
	Dec. 30-Jan. 26.....	35	23	
Tchernigov.....	Nov. 4-Dec. 22.....	77	23	
	Jan. 13-Feb. 16.....	8	5	
Tiflis.....	Nov. 4-Dec. 1.....	35	11	
Volhynia.....	Nov. 4-Feb. 23.....	292	128	
Wilna.....	Nov. 11-Dec. 11.....	44	18	
Witebst.....	Nov. 18-Dec. 29.....	55	32	
	Jan. 6-Jan. 12.....	5	2	
Yaroslav.....	Nov. 11-Dec. 22.....	28	6	
<i>Turkey:</i>				
Adalia.....	Dec. 11-Feb. 18.....	230	127	
Bitlis.....	Jan. 3.....			Cholera reported.
Constantinople.....	Dec. 23.....		4	
	Nov. 14-Nov. 28.....		2	
	Jan. 1-Jan. 31.....		14	
	Feb. 7-Feb. 28.....		108	
	Mar. 1-Mar. 23.....		50	
Hudavendkiar.....	Nov. 28-Dec. 21.....	18	11	
Pera.....	Feb. 21.....			Cholera reported.
Siverek.....	Jan. 8-Jan. 21.....	48	31	
Van.....	Dec. 28.....	6	3	

YELLOW FEVER.

<i>Brazil:</i>				
Rio de Janeiro.....	Dec. 1-Mar. 2.....		85	
	Mar. 2-Mar. 30.....		79	
Santos.....	Nov. 23-Jan. 5.....		6	
	Jan. 26-Mar. 2.....	123	104	
	Mar. 9-Mar. 16.....	50	48	
<i>Cuba:</i>				
Havana.....	Dec. 20-Apr. 4.....	85	30	
	Apr. 4-Apr. 18.....	6	4	
Santiago de Cuba.....	Mar. 1-Mar. 31.....		8	
<i>Ecuador:</i>				
Guayaquil.....	Jan. 24-Feb. 22.....	14	8	
<i>Mexico:</i>				
Vera Cruz.....	Dec. 27-Jan. 24.....		5	
	Feb. 21-Feb. 28.....		1	
	Mar. 4-Mar. 21.....		1	
	Apr. 4-Apr. 18.....		2	
Salvador.....	Dec. 9-Jan. 15.....		12	
Puerto Rico.....	Nov. 21-Jan. 9.....		4	
	Feb. 28-Mar. 6.....	2	1	
<i>Venezuela:</i>				
Maracaibo.....	Feb. 2-Feb. 9.....		1	
<i>West Indies:</i>				
Curacoa.....	Dec. 28-Jan. 5.....	3	3	

BRAZIL.

*Sanitary Report of Rio de Janeiro—Yellow Fever and Cholera in Brazil and Argentina.*RIO DE JANEIRO, *March 26, 1895.*

SIR: I have the honor to transmit report for week ended March 23, 1895. There were 27 deaths from *accessio pernicioso*, an increase of 20; 21 from yellow fever, an increase of 1; 12 from smallpox, an increase of

10; 3 from beriberi, the same as in the foregoing week; 4 from enteric fever, an increase of 3; 7 from cholera, a decrease of 6; 11 from choleraform diarrhœa, an increase of 5; 1 from suspected diarrhœa, the same as in the previous week; and 2 from choleraform enteritis, a decrease of 3. From all causes there were 364 deaths, an increase of 59 over the foregoing week.

Cholera.—This disease, as far as I can learn, is decreasing rapidly in the interior, though I read a telegram on the 20th instant, stating that 11 cases had occurred at Desengano, a station on the railway.

In Espirito Santo I presume it is not extending, as we have no news from there. It is stated that over 2,000 deaths have occurred up to date in the interior and over 200 in this town from cholera and so-called choleraform diseases.

The following is what I can learn of the march of the disease in this town: In December last there were 6 cases and 5 deaths. In January 11 cases were removed to Jurijuba Bay, and there were 45 deaths in the town. In February 155 were removed, and there were 105 deaths. In March, up to the 21st, there were 93 cases reported and 29 deaths. At the hospital there have been 319 cases, with 179 deaths. Besides this, there have been 54 deaths from cholera, the presence of Koch's bacillus having been proved in the Insane Hospital. This is about the state of the case, though the figures do not exactly coincide. With the increase of temperature the cases augmented, and during the last three days, with a lower temperature, they have diminished again.

It is necessary to recognize the untiring efforts of the health authorities to keep the disease from spreading. In the Plate River I believe the disease is stationary, though the reports are very contradictory. In Buenos Ayres, on the 21st, there were 5 cases and 3 deaths; in Rosario, 8 cases and 2 deaths; and in Montevideo, 2 cases and 1 death, besides another on board the English steamer *Edendale*.

Since last report the following-named ships have been inspected and received bills of health from this office: March 19, ship *Jane Burrill*, English, for Pensacola, Fla.; and March 23, barkentine *Good News*, American, for Baltimore, Md.

Respectfully, yours,

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

RIO DE JANEIRO, *April 2, 1895.*

SIR: I have the honor to transmit report for week ended March 30, 1895. There were 19 deaths from *accessio pernicioso*, a decrease of 8; 20 from yellow fever, a decrease of 1; 3 from smallpox, a decrease of 9; 7 from beriberi, an increase of 4; 2 from cholera, none in the foregoing week; 1 from cholera, a decrease of 6; 6 from choleraform diarrhœa, a decrease of 5; and 1 from *accessio pernicioso choleraform*, an entirely new name, which, I take it, means cholera; and none from suspected diarrhœa and choleraic enteritis. The total from all causes was 332, a decrease of 32. On the whole, the report is an improvement on the antecedent week.

Cholera.—I see little change in the status of this disease here, and must repeat that it is highly probable that the choleraic diseases reported are mostly cholera, as there seems to be a disposition to conceal the cases of this disease, and perhaps in the 14 cases of enteric fever there may be some cases of cholera. The case of choleraic *accessio pernicioso* can only be cholera if it means anything. Besides the cases above reported, there have been 26 deaths from choleraic diseases in the

National Insane Asylum in the female ward, and 10 cases with 4 deaths in the military school. In both institutions it is claimed that the disease has been stamped out. The disinfection and isolation practiced here is thorough, and to the efforts of the sanitary authorities we owe the small development of the epidemic. In the Plate River cases appear in the infected ports, such as Rosario, Buenos Ayres, and Montevideo, but the disease does not appear to be spreading. I only have information from those places through the public prints. In Campos and the State of Espirito Santo it is claimed that the disease has disappeared.

Since last report the following-named ships have been inspected and received bills of health: March 29, steamship *Persian Prince*, British, for New York, and steamship *Indian Prince*, British, for New York.

Respectfully, yours,

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

ENGLAND.

Notes from the Report of the Local Government Board Regarding Cholera in England in 1893.

The total number of cases of cholera and reputed cholera reported in England during the year 1893 was 287. The various towns infected were as follows: Great Grimsby, Hull, Middleton, Ashbourne (Derbyshire), Morton and Owston Ferry, Ilkeston (Derbyshire), North Bierly, Cotton Hill Asylum (Staffordshire), Cleethorpes, Rotherham, District of Westminster (London), Appleton-le-Street, Great Yarmouth, Fulham District (London), and Tividale.

It is believed that certain shellfish, oysters and cockles, were agents in the spread of the disease. This appears to have been particularly noted at Grimsby and Cleethorpes.

Cholera was detected on 13 different vessels arriving in England from foreign ports during 1893. The reputed sources of infection in the 13 cases were as follows: Marseilles, 4; Cronstadt, 2; St. Petersburg, 2; Nantes, 1; Cherbourg, 1; Antwerp, 1; Havre, 1; Sulina, 1.

The first vessel infected with cholera to arrive was the steamship *Myrtle Branch*, at the River Tyne port from Nantes, leaving the latter place June 20 and arriving on the 25th.

The water supply of this vessel had been obtained from the River Loire on June 7, at a point between Nantes and St. Nazaire.

MEXICO.

Smallpox at Nogales.

NOGALES, ARIZ., April 23, 1895.

SIR: In conformity with instructions contained in your telegram, I have the honor to report 8 cases of smallpox in Nogales, Mexico, and 2 cases in Nogales, Ariz. Four of these cases convalescing. There have been 2 deaths in Nogales, Ariz., from the purpura variolosa variety of the disease. Neither had ever been vaccinated, and death ensued in 1 case in three days (April 20) and in the other in four days (April 19) after initial rash began to appear. Both were adult American females, sisters, aged 16 and 18, respectively.

I have conferred with the authorities of Nogales, Mexico, and they have assured me of their willingness to cooperate with me in endeavoring to prevent further spread of the disease, and from the precautions

now being taken we believe that the spread of the disease will be checked. The fact that the disease is prevalent mostly among the lower class of Mexicans and of Indians who have no fear of smallpox, but who have a great dread of a pesthouse, presents a difficulty that can only be overcome by the daily visits which are being made to each house in which the disease exists or is supposed to exist.

Yours, respectfully,

W. F. CHENOWETH,
Sanitary Inspector, M. H. S.

TURKEY.

Cholera at Camaran—Sanitary Report of Constantinople.

[Report No. 120.]

CONSTANTINOPLE, *April 12, 1895.*

At the sitting of the International Sanitary Commission on the 3d instant, the quarantine to which the passengers going from Constantinople to the Turkish provinces were submitted was abolished. This quarantine was established in the month of January last on account of a few cholera cases which occurred nearly every day. The authorities feared for a moment a large spread of the epidemic, therefore it was decided to establish the quarantine in order to prevent the spread of cholera to the provinces. The cholera cases or deaths registered daily not becoming more numerous, and trade suffering very much, this quarantine, as I have already reported, was abolished. Meanwhile cholera has not yet disappeared, and nearly every day one or two cholera cases or cholera deaths occur. Although quarantine for the passengers going to the provinces has been abolished, the ten days' sanitary cordons all around the houses where cholera cases have occurred is still enforced.

Sad news arrives from Camaran, the island in the Red Sea where pilgrims coming from abroad (India, Persia, Java, etc., see Report 23, March 18, 1891) to the Hejaz have to undergo ten or more days' quarantine. Cholera broke out in this island on March 24, ultimo, among the pilgrims undergoing their quarantine. These pilgrims arrived at Camaran on the 16th of the same month on board the steamships *Mohamedi* and *Yubeda*. As above mentioned, on March 24 2 cholera cases were observed, 1 of which proved fatal. Since that date 49 cholera cases have been registered, of which 39 were fatal. It is to be noticed that these pilgrims, among whom cholera broke out, arrived from Bombay, where, according to the official bulletins, cholera cases are very rare. These official bulletins, which are communicated very regularly by the British sanitary representative to the International Sanitary Commission, state that within one month only 1 cholera death has occurred at Bombay, while 92 cholera deaths were registered at Calcutta during the same month and 29 cholera deaths at Madras, also within the same period.

It is very interesting to know how many times cholera has broken out in the Hejaz since the year 1817. From 1817 up to 1866, that is to say, during forty-five years, two epidemics only occurred in Mecca; these were in the years 1831 and 1865. In the year 1872 a sanitary service was established at the Hejaz, and sanitary physicians were appointed at the ports of the Hejaz. Since this latter date, 1872, up to 1881, two more epidemics broke out, the first was in the year 1872, and the second in the year 1877. In the year 1881 the lazaretto of Camaran

was established, where, as already mentioned, all the pilgrims coming southward have to undergo quarantine, and which lazaretto can accommodate from 4,000 to 5,000 pilgrims. Since the establishment of this lazaretto (1881), cholera has broken out at Mecca and throughout the Hejaz seven times, i. e., in 1881, 1882, 1883, 1890, 1891, 1892, 1893, and very probably the present year will not be an exception. It must not be forgotten that the number of pilgrims is without comparison larger now than it used to be during the first half of the century.

It must not be forgotten either that the above-mentioned lazaretto of Camaran presents many and serious defects which ought to have been remedied many years since. It has been decided to insist again that the Turkish Government make the necessary improvements at that lazaretto. For the moment steps have been taken in order to prevent the spread of the evil. It is not necessary to say that these steps are illusive, the sanitary conditions of that lazaretto being very imperfect, the water they drink there is far from being pure, and the pilgrims are far from being clean and able to understand hygiene.

In Constantinople we have to deal with different epidemics at the same time. There exists at present smallpox, cholera, typhoid fever, measles, and whooping cough, and besides these there are many cases of diphtheria. It is to be feared that this disease will assume the proportions of an epidemic. I think it necessary to report that the temperature of the last winter was very mild and that south winds were prevalent. The Ottoman sanitary representative in Persia reports also that in that country a strong and fatal epidemic of diphtheria broke out after a strong south wind which was blowing during nine consecutive days.

SPIRIDION C. ZAVITZIANO.

STATISTICAL REPORTS.

BAHAMAS—*Dunmore Town*.—Two weeks ended April 12, 1895. Estimated population, 1,472. No deaths.

Green Turtle Cay—Abaco.—Two weeks ended April 11, 1895. Estimated population, 3,900. No deaths.

Governors Harbor.—Two weeks ended April 13, 1895. Estimated population, 1,184. No deaths.

Inagua.—Three weeks ended April 1, 1895. Estimated population, 1,200. No deaths.

BRITISH COLUMBIA—*Victoria*.—Two months ended March 31, 1895. Estimated population, 20,000. Total deaths, 41. No deaths reported from contagious diseases.

CUBA—*Havana*.—Under date of April 20, 1895, the United States sanitary inspector reports as follows :

There were 137 deaths in this city during the week ending April 18, 1895. One of those deaths was caused by yellow fever with approximately 2 new cases, 5 were caused by enteric fever, 1 by so-called pernicious fever, 11 by enteritis, 6 by smallpox, 1 by measles, and 4 by pneumonia.

FRANCE—*Nice*.—Month of March, 1895. Estimated population, 97,720. Total deaths, 236, including smallpox, 2; enteric fever, 1; phthisis pulmonalis, 20; diphtheria and croup, 1; and measles, 2.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 33 great towns of England and Wales during the week ended April 13 corresponded to an annual rate of 20.5 a thousand of the aggregate population, which is estimated at 10,591,530. The lowest rate was recorded in Cardiff, viz, 0.4, and the highest in Preston, viz, 28.2 a thousand.

London.—One thousand six hundred and twenty-two deaths were registered during the week, including measles, 25; scarlet fever, 15; diphtheria, 27; whooping cough, 49; enteric fever, 3; and diarrhea and dysentery, 18. The deaths from all causes corresponded to an annual rate of 19.3 a thousand. In greater London 2,065 deaths were registered, corresponding to an annual rate of 17.8 a thousand of the population. In the "outer ring" the deaths included 13 from diphtheria, 19 from measles, and 9 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended April 13 in the 16 principal town districts of Ireland was 27.9 a thousand of the population. The lowest rate was recorded in Armagh, viz, 7.0, and the highest in Wexford, viz, 40.6 a thousand. In Dublin and suburbs 196 deaths were registered, including smallpox, 2; enteric fever, 2; and whooping cough, 1.

Scotland.—The deaths registered in 8 principal towns during the week ended April 13 corresponded to an annual rate of 24.7 a thousand of the population, which is estimated at 1,500,435. The lowest mortality was recorded in Perth, viz, 20.6, and the highest in Aberdeen, viz, 31.1 a thousand. The aggregate number of deaths registered from all causes was 714, including measles, 30; scarlet fever, 6; diphtheria, 3; and whooping cough, 30.

INDIA—*Singapore*.—Month of December, 1894. Estimated population, 56,000. Total deaths, 530, including 3 from smallpox and 28 from beri-beri.

Month of February, 1895. Total deaths, 439, including 35 from beri-beri.

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.
St. Petersburg.....	Apr. 5.....	1,100,000	669	.....	.....	1	.....	17	17	7	9	2
St. Stephens.....	Apr. 20.....	2,700	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
San Juan del Norte.....	Apr. 6.....	1,280	0	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Apr. 13.....	1,280	0	.....	.....	.....	.....	.....	.....	.....	.....	.....
San Pedro.....	Apr. 7.....	3,800	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Apr. 13.....	3,800	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Santos.....	Mar. 16.....	35,000	.....	.....	48	3	.....	2	.....	.....	2	.....
Schiedam.....	Apr. 13.....	25,953	10	.....	.....	.....	.....	.....	.....	.....	.....	.....
Southampton.....	.....do.....	67,913	20	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stettin.....	Apr. 6.....	133,000	63	.....	.....	.....	.....	.....	1	.....	.....	.....
Stockholm.....	.....do.....	252,937	86	.....	.....	.....	.....	.....	1	2	.....	.....
Stuttgart.....	Apr. 11.....	139,659	63	.....	.....	.....	.....	.....	.....	3	1	.....
Tegucigalpa.....	Apr. 6.....	12,000	0	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trieste.....	.....do.....	158,314	112	.....	.....	.....	.....	.....	2	3	.....	.....
Tuxpan.....	Apr. 13.....	10,280	7	.....	.....	.....	.....	.....	.....	.....	.....	1
Vera Cruz.....	Apr. 18.....	25,500	24	.....	1	.....	.....	.....	.....	.....	.....	.....
Winnipeg.....	Apr. 22.....	35,500	6	.....	.....	.....	.....	.....	.....	.....	.....	.....

By authority of the Secretary of the Treasury :

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