

WEEKLY ABSTRACT OF SANITARY REPORTS.

VOL. IV. { Abstract }
 { No. 30. }

TREASURY DEPARTMENT,
OFFICE SUPERVISING SURGEON-GENERAL,
U. S. MARINE-HOSPITAL SERVICE,
Washington, D. C., July 26, 1889.

Abstract of Sanitary Reports received through the Department of State from foreign countries during the week ended July 26, 1889, and information received through other channels.

(Published in accordance with section 4, act approved April 29, 1878.)

GREAT BRITAIN—*England and Wales.*—The deaths registered in 28 great towns of England and Wales during the week ended July 6, corresponded to an annual rate of 17.7 a thousand of the aggregate population, which is estimated at 9,555,406. The lowest rate was recorded in Nottingham, viz., 11.2, and the highest in Newcastle-on-Tyne, viz., 29.2 a thousand. Diphtheria caused 3 deaths in Birmingham, 3 in Salford, 2 in Bristol, 4 in Manchester, 2 in Bradford, and 2 in Newcastle-on-Tyne.

London.—One thousand three hundred and fifty deaths were registered during the week, including measles, 31; scarlet fever, 9; diphtheria, 38; whooping-cough, 32; enteric fever, 8; diarrhoea and dysentery, 155, and 5 from cholera and choleraic diarrhoea. The deaths from all causes corresponded to an annual rate of 16.2 a thousand. Diseases of the respiratory organs caused 143 deaths. In greater London 1,648 deaths were registered, corresponding to an annual rate of 15.2 a thousand of the population. In the "outer ring" the deaths included diarrhoea, 17; whooping-cough, 6, and diphtheria, 5.

Ireland.—The average annual death rate, represented by the deaths registered during the week ended July 6, in the 16 principal town districts of Ireland, was 20.4 a thousand of the population. The lowest rate was recorded in Wexford, viz., 4.3, and the highest in Armagh, viz., 77.5 a thousand. In Dublin 154 deaths were registered, including measles, 2; enteric fever, 1; diarrhoea, 3; scarlet fever, 1, and erysipelas, 1.

Scotland.—The deaths registered in 8 principal towns during the week ended July 6, corresponded to an annual rate of 21.3 a thousand of the population, which is estimated at 1,314,274. The lowest mortality was recorded in Perth, viz., 15.8, and the highest in Glasgow, viz., 25.7 a thousand. The aggregate number of deaths registered from all

causes was 545, including measles, 26; scarlet fever, 2; diphtheria, 6; whooping-cough, 24; fever, 1, and diarrhœa, 22.

Malta and Gozo.—One hundred and fifty-one deaths were registered from the 1st to the 15th of June, 1889, including measles, 5; small-pox, 1; whooping-cough, 1; enteric fever, 1, and dysentery, 3.

FRANCE—*Bordeaux.*—Month of April, 1889. Population, 240,582. Total number of deaths, 493, including enteric fever, 6; scarlet fever, 2, and diphtheria, 17.

Month of May, 1889. Total deaths, 426, including enteric fever, 6; scarlet fever, 1, and diphtheria, 11.

Month of June, 1889. Total deaths, 361, including enteric fever, 5; scarlet fever, 3, and diphtheria and tonsillitis, 8.

ARGENTINE REPUBLIC—*Buenos Ayres.*—Month of April, 1889. Total number of deaths reported, 1,296, including small-pox, 5; enteric fever, 64; scarlet fever, 1, and diphtheria, 37. Population, 501,056. The prevailing diseases were enteric fever and diseases of the digestive organs.

CUBA—*Santiago de Cuba.*—The United States consul, under date of July 13, says:

Owing to the changing of the physician of the port, I am enabled only at this late date to give you sanitary report for the district of Santiago de Cuba for the last half of June.

Owing to great heat, continuous rain, and sudden changes of temperature, the diseases predominant during last half of June were paludic fevers and dysentery. The number of cases of measles has comparatively diminished. The twelve cases and two deaths of small-pox and varioloid occurred at the town of San Luis, some 27 miles from here. The city and port are entirely free from contagious diseases. The two cases and one death from yellow fever occurred at military hospital outside of town limits. Inclosed please find detailed list of cases and deaths and diseases causing them.

Health Statistics of District of Santiago de Cuba during last half of June, 1889.

	Cases.	Deaths.		Cases.	Deaths.
Small-pox and varioloid, San Luis.....	12	2	Acute hepatitis.....	4	1
Chronic alcoholism.....	2	2	Hepatic abscess.....	1	1
Measles.....	24		Meningitis.....	3	3
Dysentery.....	30	1	Croup.....	2	2
Consumption.....	10	6	Angina diverse.....	5	1
Yellow fever, at Military Hospital.....	2	1	Acute rheumatism.....	10	1
Pernicious fever.....	15	9	Cerebral affections.....	5	2
Remittent fever.....	20	1	Burns.....	1	1
Bronchitis.....	10		Tabes mesenteric.....	10	10
Enteritis.....	5		Bright's disease.....	2	2
Hypertrophy of heart.....	5	2	Tetanus.....	2	1
Pneumonia.....	2	2	Fatty degeneration of the heart.....	2	2
Congestion of lungs.....	1	1	Syphilis.....	9	2
Delirium tremens.....	1	1			
Cancer of stomach.....	1	1	Total.....	198	56
Cancer of uterus.....	2	1			

UNITED STATES.

FUMIGATING STEAMERS FOR THE QUARANTINE SERVICE.—The contractors, The Pusey & Jones Company of Wilmington, Del., successfully launched the first of the fumigating steamers, built for this Bureau, on Wednesday of last week. The vessel is 80 feet long on the water-line; beam, 16 feet 6 inches; depth of hold 6 feet 10 inches, and her draught of water is 4 feet 9 inches.

Her hull is of iron, and she is provided with a new sulphur-furnace, designed by Assistant Surgeon Kinyoun, and tanks for bichloride of mercury solution. The vessel was designed by Captain Geo. W. Moore, United States Revenue Marine, and her machinery by Mr. Chas. E. Emery. She has been named the "Louis Pasteur," and when completed will be sent to the Gulf Quarantine at Chandeleur Island. There are two others being built from the same design, to be named respectively the "Robert Koch" and the "William H. Welch."

REPORTS OF VESSELS AT NATIONAL QUARANTINE STATIONS—*Cape Charles, Va.*—Week ended July 19. Fourteen vessels spoken, and three boarded, inspected, and passed.

Delaware Breakwater.—Week ended July 20. Fourteen vessels inspected and passed, and one (the American schooner "M. Walls," from Matanzas, arrived July 17, awaiting orders, with a cargo of sugar) with a case of gastric enteritis, detained three days for observation. Departed July 20, 1889. Condition of vessel and crew good.

South Atlantic (Sapelo).—Week ended July 13. Norwegian bark "Mida" arrived July 7 from Santos for Savannah. Cargo of stone (ballast), condition of vessel fairly clean. Crew of 9, all well. One death from yellow-fever on voyage. No sickness on arrival. Vessel fumigated after removal of ballast, and bilges washed with bichloride solution. Still held in quarantine.

Gulf Quarantine, North Chandeleur Island.—Week ended July 13. Norwegian bark "Prince Regent" arrived July 9 from Rio de Janeiro; destination Ship Island. Rock ballast. Vessel very clean. Forecastle and between decks newly painted. Condition of cargo (rock ballast), good. Crew of 19, all well in Rio. One man, sick on passage, said to have consumption, discharged at Barbadoes. Clean bill of health from that place. Held for disinfection.

San Diego, Cal.—Week ended July 13. Steamer "Manuel Dublan" arrived July 7, with two passengers sick with enteric fever, one of them being a very bad case, with profuse epistaxis on the voyage from Ensenada, Mexico. Both passengers were from the Alamo mining district. State-room and cabin were thoroughly cleansed and dis-

infected, and vessel discharged. The same vessel, which carries passengers from Ensenada and San Quentin, Mexico, was also inspected on her subsequent trips of the 10th and 13th instant.

ALABAMA—*Mobile*.—Month of June, 1889. Population, 40,000. Total deaths, 76, including whooping-cough, 1; erysipelas, 1; enteric fever, 2; diarrhœa, 2, and dysentery, 5.

CALIFORNIA.—Reports to the State board of health from eighty towns, with an estimated population of 728,700, give a total mortality of 854, which is an exceptionally small death rate. The deaths include diarrhœa and dysentery, 23; diphtheria, 26; croup, 6; whooping-cough, 3; scarlet fever, 5; measles, 2; enteric fever, 31, and erysipelas, 4.

CONNECTICUT—*New Haven*.—Month of June, 1889. Population, 85,000. Total deaths, 137, including enteric fever, 1; whooping-cough, 1; diphtheria and croup, 10, and diarrhœal diseases, 26.

ILLINOIS—*Jacksonville*.—Month of June, 1889. Population, 10,927. Total deaths, 10, including diphtheria, 2, and enteric fever, 2.

MICHIGAN.—Week ended July 13, 1889. Reports to the State board of health, Lansing, indicate that cholera infantum and erysipelas increased in area of prevalence. Including reports by regular observers and others, diphtheria was reported present during the week, and since, at seven places; scarlet fever, at nine places, and enteric fever at four places.

Detroit.—Month of June, 1889. Population 230,000. Total deaths, 210, including croup, 2; diarrhœa, 3; diphtheria, 7; erysipelas, 1; enteric fever, 1; measles, 1; whooping-cough, 3, and scarlet fever, 1.

MINNESOTA—*Minneapolis*.—Month of June, 1889. Total deaths, 174, including enteric fever, 6; diphtheria, 8; measles, 1; scarlet fever, 5, and erysipelas, 3.

VIRGINIA—*Petersburg*.—Year ending June 26, 1889. Population, 25,000. Total deaths, 505, including enteric fever, 5; dysentery, 17; diarrhœa, 6; croup, 2; croupous diphtheria, 1; erysipelas, 1, and diphtheria, 3.

The following publications have been received:

Monthly Bulletin of the Iowa State Board of Health, July, 1889.

State Board of Health Bulletin, Tennessee, July 15, 1889.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—										
				Cholera.	Yellow fever.	Small-pox.	Varioloid.	Varicella.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping-cough.
New York, N. Y.....	July 20.....	1,573,995	964							5	7	20	4	15
Philadelphia, Pa.....	July 20.....	1,040,245	536							17	4	3	5	5
Brooklyn, N. Y.....	July 20.....	884,607	412							2	2	12		4
Baltimore, Md.....	July 20.....	500,343	240							2	2	2		2
San Francisco, Cal.....	July 12.....	350,000	101							2	2			
Cincinnati, Ohio.....	July 20.....	325,000	138							1		1	7	1
New Orleans, La.....	July 13.....	254,000	121									5	1	
Cleveland, Ohio.....	June 15.....	235,000	86							3	4	4	1	1
Cleveland, Ohio.....	June 22.....	235,000	64							2	1	3		
Detroit, Mich.....	July 13.....	230,000	107								1			
Pittsburgh, Pa.....	July 20.....	230,000	104			1				2		2		1
Washington, D. C.....	July 20.....	225,000	133							8		1		3
Minneapolis, Minn.....	July 13.....	200,000	75							1		4		
Minneapolis, Minn.....	July 20.....	200,000	50									3		
Newark, N. J.....	July 2.....	184,669	95							3	1	4		3
Newark, N. J.....	July 9.....	184,669	124									7	1	1
Newark, N. J.....	July 16.....	184,669	128							2		2		
Kansas City, Mo.....	July 20.....	180,000	58							3				
Rochester, N. Y.....	July 20.....	130,000	55										1	
Providence, R. I.....	July 20.....	127,000	59									1	1	3
Denver, Colo.....	July 19.....	100,000	31							3	1	2		
Richmond, Va.....	July 15.....	100,000	59							2				
Richmond, Va.....	July 22.....	100,000	55							1				
Toledo, Ohio.....	July 19.....	83,500	20							1				2
Fall River, Mass.....	July 20.....	69,000	44											
Nashville, Tenn.....	July 20.....	65,153	21							2				
Charleston, S. C.....	July 13.....	60,145	46										1	
Charleston, S. C.....	July 20.....	60,145	47							1				
Lynn, Mass.....	July 20.....	50,000	13											
Portland, Me.....	July 20.....	42,000	19											
Manchester, N. H.....	July 13.....	42,000	16								1			
Galveston, Tex.....	July 5.....	40,000	14											
Council Bluffs, Iowa.....	July 13.....	35,000	6											
San Diego, Cal.....	July 13.....	32,000	2											
Binghamton, N. Y.....	July 20.....	30,000	16											
Altoona, Pa.....	July 13.....	30,000	9											
Altoona, Pa.....	July 20.....	30,000	15									1		
Auburn, N. Y.....	July 20.....	26,000	15									1		
Haverhill, Mass.....	July 20.....	25,000	10											
Newport, R. I.....	July 18.....	22,000	3											
Newton, Mass.....	July 20.....	21,553	7							1				
Rock Island, Ill.....	July 15.....	16,000	1											
Keokuk, Iowa.....	July 20.....	16,000	7											
Pensacola, Fla.....	July 13.....	15,000	8							1			2	
Pensacola, Fla.....	July 20.....	15,000	8											

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