

WEEKLY ABSTRACT OF SANITARY REPORTS.

VOL. III. { Abstract }
 { No. 34. }

TREASURY DEPARTMENT,
OFFICE SUPERVISING SURGEON-GENERAL,
U. S. MARINE-HOSPITAL SERVICE,
Washington, D. C., August 24, 1888.

Abstract of Sanitary Reports received through the Department of State from foreign countries during the week ended August 24, 1888, and information received through other channels.

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

England and Wales.—The deaths registered in 28 great towns of England and Wales during the week ended August 4 corresponded to an annual rate of 16.0 a thousand of the aggregate population, which is estimated at 9,398,273. The lowest rate was recorded in Bristol, viz., 9.0, and the highest in Manchester, viz., 21.9 a thousand. Small-pox caused 2 deaths in Preston, 1 in Oldham, 1 in Sheffield, and 1 in Hull. Diphtheria caused 3 deaths in Manchester.

London.—One thousand three hundred and nine deaths were registered during the week, including measles, 29; scarlet fever, 18; diphtheria, 19; whooping-cough, 25; enteric fever, 9; diarrhœa and dysentery, 121; simple cholera and choleraic diarrhœa, 4. Diseases of the respiratory organs caused 167 deaths: different forms of violence, 49; and 6 suicides were registered. The deaths from all causes corresponded to an annual rate of 15.9 a thousand. In greater London 1,593 deaths were registered, corresponding to an annual rate of 15.0 a thousand of the population. In the "outer ring" 9 deaths from whooping-cough, 16 from diarrhœa, 5 from diphtheria, and 5 from measles were registered.

Ireland.—The average annual death rate represented by the deaths registered during the week ended August 4 in the 16 principal town districts of Ireland was 18.2 a thousand of the population. The lowest rate was recorded in Lisburn, viz., 0.0, and the highest in Kilkenny, viz., 29.6 a thousand. In Dublin 143 deaths were registered, including whooping-cough, 11; enteric fever, 4; scarlet fever, 3; and diarrhœa, 1.

Scotland.—The deaths registered in 8 principal towns during the week ended August 4 corresponded to an annual rate of 15.9 a thousand of the population, which is estimated at 1,314,274. The lowest mortality was recorded in Perth, viz., 6.4, and the highest in Aberdeen, viz., 18.7 a thousand. The aggregate number of deaths registered from all causes was 402, including measles, 3; scarlet fever, 3; diphtheria, 2; whooping-cough, 5; fever, 3; and diarrhœa, 22.

Marseilles, France.—Eight hundred and ninety deaths were registered during the month of July, 1888, including sporadic cholera, 1; small-pox, 9; enteric fever, 37; scarlet fever, 1; diphtheria and croup, 28; and measles, 45. The consul stated in his report, dated August 6, "the health of the city is remarkably good for mid-summer. The 1 case of sporadic cholera is only an ordinary event here."

Catania, Italy.—Four hundred and thirty-eight deaths were registered for the month of June, 1888, including small-pox, 77, and enteric fever, 10.

Ceara, Brazil.—One hundred and thirty-four deaths were registered for the month of June, 1888, including 2 from yellow fever.

Montevideo.—Four hundred and thirty-nine deaths were registered during the month of June, 1888, including 79 from small-pox.

Malta and Goza.—Three hundred and seventy deaths were registered during the month of June, 1888, including measles, 2; whooping-cough, 7; diphtheria, 1; enteric fever, 1; dysentery, 4.

Hong-Kong, China.—In response to a cablegram from the Department of State, "Does cholera exist in Hong-Kong?" the consul replied as follows, under date of August 15: "No cholera, Hong-Kong."

Havana, Cuba.—Twenty-six deaths from yellow fever are reported for the week ended August 10.

Cairo, Egypt.—The consul-general, in his dispatch dated July 23, 1888, states that "on the night of the 15th of June a heat-wave spread itself over Egypt, and it has since remained continuously. In a residence of three summers here I have experienced nothing comparable to it. The days have given air like that from the blast of a fiery furnace, while the nights have been intolerable from heat. The death rate throughout Egypt, which was already very high, suddenly mounted towards figures of decimation, and the destroyer has been reaping a great harvest of the dead. For the first week of this very hot weather the death rate rose in Cairo from a little over 40.0 to 76.8. The next week it was 71.6; the next 79.1, succeeded for the fourth week by 77.7.

These figures present the average. In Bodlac and Darb-el-Ahmar, two quarters of the city, the death rate was respectively 103 and 86.5, in one case more than decimation, in the other very nearly decimation. Truly no Indian death rate, except in periods of wide-spread and most fatal epidemics, reaches the present record in the Egyptian capital.

"For five years past the health of Cairo has been growing worse, and yet during these years a special detail of English sanitary experts has been supervising a Khedival sanitary department, the main object of which has been to look after the health of the most crowded Egyptian communities. The sanitary administration costs the Egyptian Government annually about \$200,000, not inclusive of publications and police service. The health of the large cities grows worse every year. The heavy summer death rate begins earlier in Cairo than in Alexandria. Just now a decidedly increased mortality is prevalent in the latter, and, following precedent, it will be much greater in August. Last year the death rate at one time in Alexandria was about equal to what it now is in Cairo. In some of the smaller cities the mortality has this year been greater even than the Cairo average, and about Damietta there has been typhus fever of a very fatal character. The rise of the Nile produces great humidity, and during August, September, and October no abatement of sickness may be hoped for. By the first of November a pleasing change comes, and from then until in the spring the temperature will be mild, the climate delightful, and health, for Egyptians, fairly good. It is gratifying, even under this burning sun and in hearing of these never-ending songs of death, to know that a season will come against which but few if any complaints may be entered."

July 25: "The average death rate for the week ended July 19, as shown in the health bulletin, reaches 97.2, while in Darb-el-Ahmer quarter it amounted to 126, and in Bodlac quarter to 100. Total deaths in this city were 685.

"The average maximum temperature for the same week was $106\frac{1}{2}^{\circ}$ Fahr.; extreme heat, $114\frac{1}{2}^{\circ}$. The average minimum temperature was $72\frac{1}{2}^{\circ}$; the extreme minimum, $72\frac{1}{2}^{\circ}$. The observations are taken at the Khedival Observatory, at Abbaseieh, two miles north of Cairo, where the unobstructed sea-breezes produce a lower temperature than in the city or south of it. Were it not for the great relief in temperature at night, existence would be unendurable."

MORTALITY TABLE, FOREIGN CITIES.

Cities.	Week ended.	Estimated popula- tion.	Total deaths from all causes.	Deaths from—								
				Cholera.	Yellow fever.	Small-pox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping- cough.
Paris.....	Aug. 4.....	2,260,945	781			1		7	2	27	20	4
Glasgow.....	Aug. 4.....	545,678	184					3	1	1		
Warsaw.....	July 28.....	444,814	220			13			7	3		
Calcutta.....	July 7.....	433,219	163	10		1						
Amsterdam.....	Aug. 4.....	389,916	127								1	
Rome.....	June 23.....	300,467	204					6		4		
Rome.....	June 30.....	300,467	213					3		2		
Copenhagen.....	July 31.....	300,000	118						3	3		
Munich.....	July 28.....	275,000	172					1	6	5		
Palermo.....	Aug. 4.....	250,000	82						2	1		
Belfast.....	Aug. 4.....	227,022	87						3	1		
Genoa.....	Aug. 4.....	179,623	85				1			1		
Stuttgart.....	Aug. 4.....	125,510	31							1		
Bremen.....	July 28.....	122,000	35						1	2		
Havre.....	July 28.....	112,074	70									
Havre.....	Aug. 4.....	112,074	70			2						
Pernambuco.....	July 17.....	110,000	84			1		10	3			
Pernambuco.....	July 24.....	110,000	92					1	1			
Pernambuco.....	July 31.....	110,000	92					1	1	1		
Barmen.....	Aug. 4.....	109,000	36				1					
Leghorn.....	Aug. 5.....	94,423	35									
Cadiz.....	Aug. 4.....	65,028	37									
Guayaquil.....	July 15.....	30,000	49		3	1		1				
Curacoa.....	July 28.....	25,000	6									
Vera Cruz.....	Aug. 9.....	23,800	19									
Gibraltar.....	July 29.....	23,631	14					1				
Kingston, Canada.....	Aug. 18.....	16,216										
Antigua.....	July 29.....	15,847	18									
Sagua la Grande.....	Aug. 4.....	15,605	17		2							
Cartagena, Colombia.....	July 28.....	13,000	10									
Matamoras.....	Aug. 4.....	12,000	10									
Laguayra.....	July 28.....	7,428	2									
San Juan del Norte.....	July 9.....	780	1									

UNITED STATES.

Ship Island Quarantine Station.—The medical officer in charge reports the arrival, August 13, of the American barkentine “Joe Read,” from Havana via Apalachicola, Fla. “Her bill of health was foul, and her steward was left sick in Havana, with ‘symptoms of yellow fever,’ about four hours before she left that port.”

Brownsville, Tex.—The Secretary of the Treasury received a telegram from the collector of customs, Brownsville, Tex., as follows:

August 14: “State health officer proclaimed quarantine against Matamoras yesterday, on account of arrival of cargo and passengers direct from Vera Cruz. No sickness known to be among passengers or on vessel. Customs officers at Brownsville, Santa Maria, and Brazos have been instructed to assist State officers.”

Cape Charles Quarantine Station.—Acting Assistant Surgeon Clarkson telegraphed—

August 18: “Sick seaman on steamship ‘Athens,’ died same day

(August 17). Diagnosis not positive. No others sick. Will use every precaution. The vessel is now in quarantine."

Orlando and Sanford, Fla.—The mayor of Orlando and the mayor of Sanford telegraphed, August 18, "there is no yellow fever in Orlando and Sanford or Orange County," and asked investigation, as their mails are threatened to be cut off.

Manatee, Fla.—Surgeon Murray telegraphed—

August 18: "Manatee—total, 25 cases; none since 11th. Village fumigated, and bedding cleaned. Palmetto—1 case 15th; for 16th, 2; 17th, 2. No connection with Manatee cases. Restrictive measures adopted."

Tampa, Fla.—Dr. J. P. Wall telegraphed—

August 18: "Only 1 mild case since last report. Eleven cases in all, in 8 of which diagnosis positive. Three deaths with black-vomit. Another fever, probably mild dengue, here. Only 1 case of yellow fever under treatment."

August 20: "Outlook better."

Jacksonville, Fla.—Dr. Neal Mitchell telegraphed—

August 17: "Official bulletin for 24 hours ending 6 p. m. New cases, 4—total number of cases to date, 32; total number of deaths to date, 4."

August 18: "Official bulletin for 24 hours ending 6 p. m. New case, 1; death, 1; recovered, 2; under treatment, 18—total number of cases to date, 33; total number of deaths to date, 5. Fever assuming a more severe type."

August 19: "Official bulletin for 24 hours ending 6 p. m. New cases, 5, one being an African; death, 1; under treatment, 22. Number of cases to date, 38; total number of deaths to date, 6."

August 23: "Official bulletin for 24 hours ending 6 p. m. New cases, 16; deaths, 2; recoveries, 2; under treatment, 43. Total number of cases to date, 70; total number of deaths to date, 10."

August 24: "Official bulletin for 24 hours ending 6 p. m. New cases, 14; deaths, 2; recoveries, 1; under treatment, 54. Total number of cases to date, 84; total number of deaths to date, 12."

Other places in Florida.—A sanitary inspection is now being conducted under the direction of this Bureau, with a view of obtaining definite information from other places in Florida, and removing, if possible, restrictions from places not infected.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—									
				Cholera.	Yellow fever.	Small-pox.	Varicella.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping-cough.
New York, N. Y.....	Aug. 18.....	1,532,060	802	.....	.....	.....	.....	.....	8	8	40	13	24
Chicago, Ill.....	Aug. 18.....	800,000	339	.....	.....	.....	.....	.....	9	.....	9	8	4
Brooklyn, N. Y.....	Aug. 11.....	793,960	366	.....	2	.....	.....	.....	3	1	17	.....	4
Baltimore, Md.....	Aug. 18.....	431,879	224	.....	.....	.....	.....	.....	1	.....	1	.....	5
Boston, Mass.....	Aug. 18.....	415,000	.....	.....	.....	.....	.....	.....	2	1	7	.....	3
San Francisco, Cal.....	Aug. 10.....	300,000	98	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
New Orleans, La.....	Aug. 11.....	248,000	109	.....	.....	.....	.....	.....	1	1	11	.....	.....
Buffalo, N. Y.....	Aug. 11.....	230,000	136	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Buffalo, N. Y.....	Aug. 18.....	230,000	135	.....	1	.....	.....	.....	1	1	3	.....	.....
Pittsburgh, Pa.....	Aug. 18.....	230,000	96	.....	.....	.....	.....	.....	6	1	4	1	3
Washington, D. C.....	Aug. 18.....	225,000	110	.....	.....	.....	.....	.....	4	.....	.....	.....	5
Cleveland, Ohio.....	July 21.....	225,000	140	.....	.....	.....	.....	.....	.....	.....	4	.....	2
Cleveland, Ohio.....	July 28.....	225,000	151	.....	.....	.....	.....	.....	3	1	3	1	2
Louisville, Ky.....	Aug. 18.....	200,000	60	.....	.....	.....	.....	.....	4	.....	1	.....	.....
Milwaukee, Wis.....	Aug. 18.....	195,000	78	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Kansas City, Mo.....	Aug. 18.....	180,000	59	.....	.....	.....	.....	.....	11	.....	.....	.....	.....
Minneapolis, Minn.....	Aug. 17.....	180,000	79	.....	.....	.....	.....	.....	2	.....	1	.....	.....
St. Paul, Minn.....	Aug. 18.....	175,000	49	.....	.....	.....	.....	.....	2	.....	1	1	.....
Rochester, N. Y.....	Aug. 18.....	120,000	68	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Detroit, Mich.....	Aug. 18.....	116,340	98	.....	.....	.....	.....	.....	1	1	1	.....	.....
Richmond, Va.....	Aug. 11.....	100,000	51	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Denver, Colo.....	Aug. 17.....	96,000	33	.....	.....	.....	.....	.....	6	.....	4	.....	.....
Columbus, Ohio.....	Aug. 18.....	93,000	33	.....	.....	.....	.....	.....	6	.....	.....	.....	1
New Haven, Conn.....	Aug. 18.....	82,000	32	.....	.....	.....	.....	.....	3	.....	.....	.....	.....
Toledo, Ohio.....	Aug. 18.....	80,000	21	.....	.....	.....	.....	.....	3	.....	.....	.....	.....
Nashville, Tenn.....	Aug. 18.....	65,153	24	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Fall River, Mass.....	Aug. 18.....	65,000	36	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cambridge, Mass.....	Aug. 18.....	64,079	26	.....	.....	.....	.....	.....	1	.....	2	.....	2
Charleston, S. C.....	Aug. 18.....	60,145	50	.....	.....	.....	.....	.....	1	.....	.....	.....	1
Evansville, Ind.....	Aug. 16.....	53,000	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lynn, Mass.....	Aug. 18.....	50,000	22	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Oakland, Cal.....	Aug. 11.....	50,000	16	.....	.....	.....	.....	.....	1	.....	2	.....	.....
Manchester, N. H.....	Aug. 18.....	41,000	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Galveston, Tex.....	Aug. 10.....	40,000	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Mobile, Ala.....	Aug. 18.....	40,000	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
East Saginaw, Mich.....	Aug. 20.....	34,000	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Burlington, Iowa.....	Aug. 15.....	30,166	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Davenport, Iowa.....	Aug. 20.....	30,084	10	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
Altoona, Pa.....	Aug. 11.....	29,546	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Salem, Mass.....	Aug. 18.....	29,000	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yonkers, N. Y.....	Aug. 18.....	27,500	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Bedford, Mass.....	Aug. 18.....	26,845	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Auburn, N. Y.....	Aug. 18.....	26,000	9	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Haverhill, Mass.....	Aug. 18.....	25,000	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jackson, Mich.....	Aug. 18.....	22,500	16	.....	.....	.....	.....	.....	1	.....	3	.....	.....
Newport, R. I.....	Aug. 16.....	20,466	5	.....	.....	.....	.....	.....	.....	.....	1	.....	.....

JOHN B. HAMILTON,

Supervising Surgeon-General, Marine-Hospital Service.