

# WEEKLY ABSTRACT OF SANITARY REPORTS.

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TREASURY DEPARTMENT,  
OFFICE SUPERVISING SURGEON-GENERAL,  
U. S. MARINE-HOSPITAL SERVICE,  
Washington, D. C., August 10, 1888.

*Abstract of Sanitary Reports received through the Department of State from foreign countries during the week ended August 10, 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 July 21 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 Brighton, viz., 12.2, and the highest in Preston, viz., 20.2 a thousand. Small-pox caused 1 death in Preston, 1 in Bristol, 2 in Sheffield, and 1 in Hull. Diphtheria caused 3 deaths in Manchester.

*London.*—One thousand two hundred and ninety-seven deaths were registered during the week, including small-pox, 1; measles, 25; scarlet fever, 14; diphtheria, 15; whooping-cough, 33; enteric fever, 8; diarrhoea and dysentery, 62; choleraic diarrhoea, 2. Diseases of the respiratory organs caused 166 deaths; different forms of violence, 54; and 5 suicides were registered. The deaths from all causes corresponded to an annual rate of 15.8 a thousand. In greater London 1,589 deaths were registered, corresponding to an annual rate of 15.0 a thousand of the population. In the "outer ring" 11 deaths from whooping-cough and 7 from diphtheria were registered.

*Scotland.*—The deaths registered in 8 principal towns during the week ended July 21 corresponded to an annual rate of 18.4 a thousand of the population, which is estimated at 1,314,274. The lowest mortality was recorded in Dundee, viz., 11.3, and the highest in Glasgow, viz., 23.0 a thousand. The aggregate number of deaths registered from all causes was 466, including measles, 9; scarlet fever, 2; diphtheria, 4; whooping-cough, 5; fever, 3; and diarrhoea, 12.

*Catania, Italy.*—Three hundred and nineteen deaths were registered

during the month of May, 1888, including small-pox, 53, and enteric fever, 10.

*Havana, Cuba.*—Five hundred and eighty-six deaths were registered during the month of July, 1888, including yellow fever, 79; enteric fever, 15; pernicious fever, 22; small-pox, 6; and measles, 1. The sanitary inspector states that 55 of the deaths from yellow fever occurred in the military hospital, the remainder among civilians in the city. Merchant vessels at wharves on the Havana side of the harbor are being invaded by yellow fever.

MORTALITY TABLE. FOREIGN CITIES.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—						
				Cholera.	Yellow fever.	Small-pox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.
Glasgow .....	July 21.....	545,678	233					2	1	1
Warsaw.....	July 14.....	444,814	223			3			4	3
Calcutta.....	June 23.....	433,219	162	8						
Amsterdam.....	July 21.....	389,916	153							3
Rome.....	June 2.....	388,300	167					2		1
Genoa.....	July 21.....	179,572	93			1	1			
Trinidad.....	July 7.....	178,270	36							
Trieste.....	July 14.....	154,500	83			7			1	2
Toronto.....	July 30.....	130,000	34							1
Stuttgart.....	July 21.....	125,510	37							
Bremen.....	July 14.....	122,000	32							
Barmen.....	July 14.....	109,000	32				1			
Mayence.....	June 30.....	65,802	24							
Cadiz.....	July 21.....	65,028	43							
Merida.....	July 17.....	48,000	30							
Santiago de Cuba.....	July 14.....	40,000	44		9					
Callao.....	July 7.....	34,000								
Guayaquil.....	July 1.....	30,000	67		4					
Guayaquil.....	July 8.....	30,000	65							
Vera Cruz.....	July 26.....	23,800	16							
Gibraltar.....	July 15.....	23,631	11					1		1
Sagua la Grande.....	July 21.....	15,665	7							
St. Thomas.....	July 6.....	15,000	8							

## UNITED STATES.

*Nashville, Tenn.*—The health-officer stated in his report dated August 4: “We had an outbreak of small-pox July 3, 1888. Total number of cases of variola and varioloid, 11 (sent to pest-house beyond city limits). Deaths, 2. Last case occurred July 21. Consider it stamped out.”

*Wheeling, W. Va.*—The health-officer, in his report dated August 4, stated that “there is 1 case of small-pox in Springtown, Ohio, a river village 50 miles below here, opposite Sisterville, W. Va. A rigid quarantine exists.”

*Delaware Breakwater.*—The brig “Teneriffe” was discharged from quarantine on the 7th instant. The captain and seaman remaining

under treatment for yellow fever at last report have recovered and returned to vessel.

*Tampa, Fla.*—Dr. J. P. Wall telegraphed as follows :

August 3: Fumigation going on at Plant City. No new cases. Dr. Murray reports no change at Manatee since yesterday

August 6: Was at Plant City to-day. No sick except case reported convalescent. Fumigation going on. Employed two more guards, as some parties entered at night were captured and put in quarantine under guard. All right here.

August 9: Six suspicious cases have appeared here, all "indigenous;" diagnosis not positive yet.

*Manatee, Fla.*—Surgeon R. D. Murray telegraphed :

August 4: Two cases forty-eight hours. No deaths. Twenty persons sent to pine woods. Thirty indigent colored people ask for subsistence.

To which the following reply was sent :

August 5: Furnish subsistence to all destitute persons necessarily detained at quarantine line, but pass them outside your lines as soon as detention period is passed. Do not ration people determined to stay in Manatee.

*Sanford, Fla.*—Passed Assistant Surgeon John Guitéras, U. S. M.-H. S., telegraphed :

August 2: No cases of fever at present in city, but the suspected case required further investigation, which will be completed to-morrow.

August 3: Case was probably not yellow fever. There appears to be no fever here, but will have to investigate further.

Under date of August 5, Dr. Guitéras wrote as follows :

I exhumed the body of the suspected case, and performed to-day a post-mortem examination. The man died of abscess of the liver, which opened into the œsophagus, thus giving rise to hæmorrhagic vomiting. I shall write out a full report of the case, which proves to be a very interesting one. I have received all the assistance I could desire from Drs. Wyly and Caldwell. I found it necessary to make the autopsy; otherwise I should have been forced to report that I did not know what had been the cause of death.

*Jacksonville, Fla.*—A report having been received of the existence of yellow fever in Jacksonville, Dr. Guitéras was directed to proceed immediately to that point and investigate and report facts. The following are his reports :

August 7: I visited to-day McCormack at the Sand Hills, where he has been carefully isolated. The case is one of yellow fever, contracted in Plant City and developed in Jacksonville. Patient convalescent. Other boarders in same house thoroughly isolated.

August 8: Two cases of yellow fever discovered this morning. One of them had been in city six days from Orlando when taken sick. The other had not been out of city. Other 2 suspicious cases traceable to same store where the others taken sick. Health authorities are taking active steps in the matter. All cases will be sent to the Sand Hill Hospital. I fear it is the beginning of an outbreak.

There is a circumscribed focus of infection in one block in the city. Two more cases discovered, traceable to same center. County board of health very active in isolating all 4 patients, and some suspicious sent to Sand Hills. The board will communicate with you to-night, I believe.

August 9: Since yesterday evening 2 cases found at the city hospital, in the outskirts of town. They have been isolated there; 1 of them can be connected with the original focus. Three other cases discovered to-day. Total, 5 new cases. We are beginning to lose connection with the original focus. The last 3 cases will probably be sent to Sand Hills, but the importance of isolation is evidently diminishing. Infected localities have been closed up, and measures for disinfection have been taken.

The following has been received from Dr. Neal Mitchell, president of the board of health, Jacksonville:

We shall enforce thorough isolation.

August 9: All infected bedding and clothing burned. Five new cases to-day; disease assuming epidemic form.

*Manatee, Fla.*—Surgeon Murray telegraphed:

August 8: Four new cases. Thirteen in total. One fatal case in Palmetto, across the river. No other case known or suspected.

*St. Mark's, Fla.*—It is reported that refugees from Manatee are landing at St. Mark's. The collector of customs at Cedar Keys has been directed to investigate the matter. The revenue cutter on this station is disabled and undergoing repairs.

*Apalachicola, Fla.*—The collector of customs and the president of the board of health telegraphed August 9:

Answering your message, bark "Joe Read" is here from Havana; foul bill; master says short-handed. Refused obey orders board of health to proceed to Ship Island. Crew refused duty; two men short. Master asks for cutter tow him to Ship Island. Have no facilities for treatment if any sickness. Please answer and act at once.

To which the following reply was made:

August 9: May hire two able seamen and pilot, if necessary; but vessel must go to Ship Island at once.

Passed Assistant Surgeon Guitéras has been ordered to open inspection station at Way Cross, Ga., and upon being relieved by Passed Assistant Surgeon Urquhart will open additional inspection stations at Du Pont, Ga., and Chattahoochee, Fla. All baggage passing through these stations from places in Florida will have to be fumigated before being allowed to come further north or west.

## MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—										
				Cholera.	Yellow fever.	Small-pox.	Varicoid.	Varicella.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping-cough.
New York, N. Y.	Aug. 4.	1,530,316	814							11	22	27	17	19
Chicago, Ill.	Aug. 6.	802,600	441							10		5	5	7
Brooklyn, N. Y.	Aug. 4.	793,960	409							1	6	13	2	6
Baltimore, Md.	Aug. 4.	431,879	235							7			2	1
San Francisco, Cal.	July 27.	300,000	111							2				
Cincinnati, Ohio.	Aug. 4.	255,139	152							2				
New Orleans, La.	July 28.	248,000	145							1		11		2
Buffalo, N. Y.	Aug. 4.	230,000	162		1					1		3		2
Pittsburgh, Pa.	Aug. 4.	230,000	122							6	3	1	1	4
Washington, D. C.	Aug. 4.	225,000	130							8		3		10
Louisville, Ky.	Aug. 4.	200,000	57							3				
Kansas City, Mo.	Aug. 4.	180,000	60							4		1		
Minneapolis, Minn.	Aug. 4.	180,000	69							2		1	1	2
Rochester, N. Y.	Aug. 4.	120,000	64											
Richmond, Va.	Aug. 4.	100,000	49							1				
New Haven, Conn.	Aug. 4.	82,000	24											
Toledo, Ohio	Aug. 4.	80,000	37							1				
Lowell, Mass.	Aug. 6.	72,000	57							1				
Nashville, Tenn.	Aug. 4.	65,153	28											
Fall River, Mass.	Aug. 4.	65,000	41											
Evansville, Ind.	Aug. 2.	53,000	35											
Savannah, Ga.	Aug. 3.	52,827	17											
Lynn, Mass.	Aug. 6.	50,000	20								1			
Manchester, N. H.	Aug. 4.	41,000	11											
Galveston, Tex.	July 27.	40,000	12											
Portland, Me.	Aug. 4.	40,000	9											
Mobile, Ala.	Aug. 4.	40,000	16											
Fort Wayne, Ind.	Aug. 5.	39,000	17											
Wheeling, W. Va.	Aug. 4.	35,000	11											
Burlington, Iowa	Aug. 1.	30,166	6											
Davenport, Iowa.	July 28.	30,082	8											
Altoona, Pa.	July 28.	29,546	11							2				
Yonkers, N. Y.	Aug. 4.	27,500	8								1	1		
New Bedford, Mass.	Aug. 4.	26,845	15											
Auburn, N. Y.	Aug. 4.	26,000	10								1	1		
Haverhill, Mass.	Aug. 4.	25,000	13											1
Newton, Mass.	Aug. 4.	21,105	8									1		1
Newport, R. I.	Aug. 2.	20,466	5											
Schenectady, N. Y.	Aug. 6.	20,000	9											
Jackson, Mich.	Aug. 4.	19,100	6									1		

JOHN B. HAMILTON,

*Supervising Surgeon-General, Marine-Hospital Service.*