

# WEEKLY ABSTRACT OF SANITARY REPORTS.

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TREASURY DEPARTMENT,  
OFFICE SUPERVISING SURGEON-GENERAL,  
U. S. MARINE-HOSPITAL SERVICE,  
Washington, D. C., May 17, 1889.

*Abstract of Sanitary Reports received through the Department of State from foreign countries during the week ended May 17, 1889, and information received through other channels.*

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GREAT BRITAIN—*England and Wales*.—The deaths registered in 28 great towns of England and Wales during the week ended April 27, corresponded to an annual rate of 19.5 a thousand of the aggregate population, which is estimated at 9,555,406. The lowest rate was recorded in Brighton, viz., 12.4, and the highest in Preston, viz., 38.6 a thousand. Diphtheria caused 3 deaths in Birmingham, 3 in Manchester, 2 in Plymouth, and 2 in Preston. During the quarter ended March 31, 1889, there were 139,749 deaths registered in England and Wales, corresponding to an annual rate of 19.5 a thousand of the population. This rate was 2.3 below the mean rate in the corresponding periods of the ten years 1879–88, and lower than that recorded in any winter quarter since the commencement of civil registration, excepting only the quarter of 1884, when the rate was the same. The deaths included measles, 5,148; whooping-cough, 3,138; scarlet fever, 1,544; diarrhoea, 1,394; diphtheria, 1,353; fevers, 993; and small-pox, 8.

*London*.—One thousand four hundred and sixty-three deaths were registered during the week, including measles, 65; scarlet fever, 9; diphtheria, 29; whooping-cough, 56; enteric fever, 3; diarrhoea and dysentery, 18. The deaths from all causes corresponded to an annual rate of 17.6 a thousand. Diseases of the respiratory organs caused 305 deaths. In greater London 1,856 deaths were registered, corresponding to an annual rate of 17.2 a thousand of the population. In the “outer ring” the deaths included measles, 13.

*Ireland*.—The average annual death rate, represented by the deaths registered during the week ended April 27, in the 16 principal town

districts of Ireland, was 27.3 a thousand of the population. The lowest rate was recorded in Newry, viz., 17.6, and the highest in Kilkenny, viz., 46.5 a thousand. In Dublin 191 deaths were registered, including whooping-cough, 1; enteric fever, 5; measles, 2; diarrhoea, 3; typhus, 1; erysipelas, 1; and scarlet fever, 1.

*Scotland.*—The deaths registered in 8 principal towns during the week ended April 27, corresponded to an annual rate of 21.7 a thousand of the population, which is estimated at 1,314,274. The lowest mortality was recorded in Edinburgh, viz., 12.9, and the highest in Glasgow, viz., 28.3 a thousand. The aggregate number of deaths registered from all causes was 554, including measles, 43; scarlet fever, 5; diphtheria, 4; whooping-cough, 41; fever, 4; and diarrhoea, 11.

*Gibraltar.*—Ten deaths were registered during the week ended April 21, 1889, including 2 from diphtheria. Several cases of small-pox were registered at Algeciras, a Spanish town twelve miles distant by land from Gibraltar.

*BRAZIL—Bahia.*—The United States consul writes to the Department of State as follows, under date of April 12, 1889 :

I had the honor to forward you on the 23d ultimo, two dispatches, dated March 20 and 22, respectively, and numbered 13 and 14, referring to the yellow fever in the hospital in this city and the fears entertained that this place would be afflicted as Rio de Janeiro and other places south have been during the past three months. Happily, however, providentially I might say, since the 27th ultimo, very heavy rains have fallen, cleaning and purifying the streets and carrying from them into the sea the accumulated filth of four or five months. It is believed therefore that the threatened epidemic is averted for the present.

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The inaction of the municipal authorities in the matter of sanitary regulations for the city is very much to be regretted. In a future dispatch will refer to this subject at greater length. The quarantine on vessels coming from the south is now in force only for such vessels as have sickness on board when arriving at this port. The fever at Rio de Janeiro is abating, according to latest advices, while at Santos, Campinas, and other places south, it is said to be on the increase. Small-pox is reported to quite an alarming extent at Maranhao some distance north of this place.

*Rio de Janeiro.*—For the week ended March 31, 1889, there were 423 deaths registered, in an estimated population of 300,000, including yellow fever, 26; small-pox, 1; typhus fever, 10; enteric fever, 7, and diphtheria, 1.

For the week ended April 7, 1889, there were 359 deaths registered, including yellow fever, 25; small-pox, 1; typhus fever, 6; enteric fever, 7, and diphtheria, 1.

For the week ended April 14, 1889, there were 393 deaths registered, including yellow fever, 17; small-pox, 4; typhus fever, 13, and enteric fever, 2. Fevers and pulmonary affections are the prevailing diseases.

*Rio Grande do Sol.*—The United States consul, in his abstract of bills of health for the month of March, 1889, states that the bill of health issued to the master of the barkentine "Brunette," bound for Boston, was "clean," with a clause inserted explaining that a few cases of yellow fever had been imported from Rio de Janeiro by immigrants, but the disease had since disappeared from the port and city of Rio Grande do Sol.

UNITED STATES OF COLOMBIA—*Colon.*—The United States consul states, under date of April 30, 1889, that the yellow fever which appeared there on April 3 was sporadic, and has entirely disappeared since the rainy season set in, and he thinks the condition of the port good again.

*Carthagen.*—The United States consul reports for the week ended March 23, 1889, two cases of sporadic yellow fever in hospital amongst newly-arrived troops.

For the week ended April 6, one case of sporadic yellow fever and one of beri-beri were reported, also, amongst the newly-arrived troops.

BRITISH WEST INDIES—*Trinidad.*—Estimated population, 189,566. Twenty-nine deaths were reported during the week ended April 29. No contagious diseases reported. The prevailing diseases were consumption, fever, dropsy, dysentery, and marasmus.

CUBA—*Cardenas.*—May 4, 1889. Dry and warm weather. Good health in town and harbor.

*Havana.*—Three deaths from yellow fever were registered during the week ended May 11, 1889.

MEXICO—*Guaymas.*—April 30, 1889. No particular or epidemic sickness in this consular district. Sanitary condition of city good. Total number of deaths during the month, 9. Population, 5,500.

NETHERLANDS.—The deaths registered in the principal cities of the Netherlands, having an aggregate population of 1,129,678, during the year 1888 corresponded to an annual rate of 23.4 a thousand. The lowest rate was recorded in Leeuwarden, viz., 20.84, and the highest in Hertogenbosch, viz., 30.24. The deaths included typhus and enteric fevers, 119; scarlet fever, 39; measles, 385; croup, 237; whooping-cough, 453; diarrhœa and dysentery, 359; and cholera nostras, 33.

## 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 .....	Apr. 27	2,260,945	1,055			5		10	2	37	15	14
Glasgow .....	Apr. 27	545,678	287					2	4	2		
Warsaw .....	Apr. 20	445,770	218							2		
Calcutta .....	Mar. 30	433,219	173	20		4					1	
Amsterdam .....	Apr. 27	399,051	171					1		3		
Copenhagen .....	Apr. 20	307,000	137							4		
Munich .....	Apr. 6	281,000	177							5		
Munich .....	Apr. 13	281,000	173						6	4		
Munich .....	Apr. 20	281,000	176					1	4	6		
Edinburgh .....	Apr. 20	266,900	103						1	2		
Palermo .....	Apr. 27	250,000	94						4	3		
Belfast .....	Apr. 20	229,622	115					2	4			
Belfast .....	Apr. 27	229,622	122				1	1				
Bristol .....	Apr. 13	229,361	75									
Bristol .....	Apr. 20	229,361	82					1				
Bristol .....	Apr. 27	229,361	79									
Genoa .....	Apr. 27	179,885	96			1						
Toronto .....	May 4	175,000	38									
Stuttgart .....	Apr. 27	125,510	66						2	5		
Havre .....	Apr. 20	112,074	64			2		1				
Barmen .....	Apr. 20	109,000	39								2	
Leghorn .....	Apr. 28	102,893	47									
Leith .....	Apr. 20	76,400	24									
Mayence .....	Apr. 13	65,802	35							2		
Mayence .....	Apr. 20	65,802	34						1	1		
Cadiz .....	Apr. 27	65,028	50									
Merida .....	Apr. 19	47,112	119									
Merida .....	Apr. 26	47,112	101				1					
Vera Cruz .....	May 2	27,800	19									
Antigua .....	Apr. 28	15,847	17									
Laguayra .....	Apr. 27	7,428	8									
San Juan del Norte .....	Apr. 8	1,004										

## UNITED STATES.

FLORIDA—*Key West*.—Surgeon R. D. Murray, in charge of the Marine-Hospital Service at Key West, Fla., reports under date of May 10, 1889, the recovery of the case of small-pox which was sent to Tortugas quarantine from the steamship “Comal.”

MICHIGAN.—Week ended May 4, 1889. Reports to the State board of health, Lansing, from fifty-nine observers in different parts of the State, indicate that pneumonia, consumption of lungs, diarrhœa, and whooping-cough increased, and that remittent fever, bronchitis, tonsillitis, neuralgia, and typho-malarial fever decreased in area of prevalence. Including reports by regular observers and others, diphtheria was reported present during the week ended May 4 and since, at eight places; scarlet fever at twenty-two places; enteric fever at five places; measles at four places. The case of small-pox at the hospital near Detroit is reported well.

*Detroit*.—Month of April, 1889. Population 230,000. Total deaths

256, including croup, 5; diphtheria, 3; erysipelas, 3; measles, 2; whooping-cough, 1; and scarlet fever, 4.

OHIO—*Cincinnati*.—Month of April, 1889. Population, 325,000. Total deaths, 534, including croup, 7; diarrhœa, 4; diphtheria, 33; erysipelas, 2; measles, 5; scarlatina, 3; enteric fever, 19; and whooping-cough, 2.

MISSOURI—*St. Louis*.—Month of April, 1889. Population, 440,000. Total deaths, 660, including measles, 2; scarlatina, 8; diphtheria, 30; croup, 9; whooping-cough, 11; enteric fever, 9; diarrhœal diseases 16; erysipelas, 5.

KENTUCKY—*Louisville*.—Month ending May 4, 1889. Population, 227,000. Total deaths, 344, including diarrhœa, 1; diphtheria, 4; dysentery, 2; erysipelas, 1; enteric fever, 9; measles, 6; varicella, 1; whooping-cough, 14.

IOWA—*Davenport*.—Month of April, 1889. Population, 33,715. Total deaths 28, including croup, membranous, 1; croup, diphtheretic, 5; diphtheria, 5; erysipelas, 1.

COLORADO—*Denver*.—Month of April, 1889. Population, 100,000. Total deaths, 112, including croup, 1; diphtheria, 3; enteric fever, 1; measles, 2; scarlatina, 2; and small-pox, 3.

CONNECTICUT—*New Haven*.—Month of April, 1889. Population, 85,000. Total deaths, 145, including scarlet fever, 2; diphtheria and croup, 11; diarrhœal diseases, 1.

CALIFORNIA—*Sacramento*.—Month of April, 1889. Population, 35,000. Total deaths, 26, including diarrhœa 1; erysipelas, 1; and enteric fever, 2.

*San Francisco*.—One death from leprosy was reported during the week ended May 3, 1889.

MASSACHUSETTS—*Worcester*.—Month of April, 1889. Population, 82,000. Total deaths, 120, including erysipelas, 2; diphtheria, 3; measles, 1; and whooping-cough, 2.

RHODE ISLAND—*Newport*.—Month of April, 1889. Population, 22,000. Total deaths, 28, including diphtheria, 3.

TENNESSEE—*Chattanooga*.—Month of April, 1889. Population, 40,000. Total deaths, 39, including croup, 1; diarrhœa, 1; and enteric fever, 2.

TEXAS—*San Antonio*.—Month of April, 1889. Population, 50,000. Total deaths, 73, including croup, 1; dysentery, 1; measles, 4; and whooping-cough, 1.

## MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—										
				Cholera.	Yellow fever.	Small-pox.	Variceloid.	Varicella.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping-cough.
New York, N. Y.	May 11.	1,565,196	782						4	48	43	8	24	
Chicago, Ill.	May 11.	830,000	328			1			2	4	11	13	4	
Brooklyn, N. Y.	May 11.	821,525	415					1	2	10	18	10	5	
Baltimore, Md.	May 11.	500,343	146						5	4	2	1		
San Francisco, Cal.	May 3.	330,000	107						1					
Detroit, Mich.														
Cincinnati, Ohio.	May 11.	325,000	142						2	2	12	1		
New Orleans, La.	May 4.	254,000	141						1		5			
Washington, D. C.	May 4.	225,000	67						1	1	1		1	
Washington, D. C.	May 11.	225,000	92											
Milwaukee, Wis.	May 11.	210,000	53						3	1	1	1		
Minneapolis, Minn.	May 4.	200,000	45						3	1	9			
Newark, N. J.	May 7.	182,457	91						4	16	28			
Kansas City, Mo.	May 11.	180,000	36			1					1	1		
Providence, R. I.	May 11.	127,000	52								2	1	2	
Rochester, N. Y.	May 11.	120,000	30										1	
Denver, Colo.	May 10.	100,000	28						1	1	1			
Richmond, Va.	May 11.	100,000	36									1		
Toledo, Ohio.	May 10.	83,500	26						1					
Nashville, Tenn.	May 11.	65,153	11											
Fall River, Mass.	May 11.	65,000	20							1	1			
Charleston, S. C.	May 11.	60,145	47											
Lynn, Mass.	May 11.	50,000	14								1			
Manchester, N. H.	May 4.	42,000	12											
Portland, Me.	May 11.	42,000	12											
Galveston, Tex.	May 3.	40,000	11						1					
Davenport, Iowa.	May 4.	33,715	8											
Davenport, Iowa.	May 11.	33,715	6								1			
Binghamton, N. Y.	May 11.	30,000	10											
Altoona, Pa.	May 4.	30,000	8											
Altoona, Pa.	May 11.	30,000	5											
Auburn, N. Y.	May 11.	26,000	7											
Haverhill, Mass.	May 11.	25,000	9									2		
Newport, R. I.	May 9.	22,000	6											
Newton, Mass.	May 11.	21,553	5						1					
Keokuk, Iowa.	May 11.	16,000												
Council Bluffs, Iowa.	May 4.	35,000	2								1			
Council Bluffs, Iowa.	May 11.	35,000	3											
Pensacola, Fla.	May 11.	15,000	4											

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