

# WEEKLY ABSTRACT OF SANITARY REPORTS.

VOL. IV. { Abstract }  
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TREASURY DEPARTMENT,  
OFFICE SUPERVISING SURGEON-GENERAL,  
U. S. MARINE-HOSPITAL SERVICE,  
Washington, D. C., August 30, 1889.

*Abstract of Domestic and Foreign Sanitary Reports received during the week ended August 30, 1889, published in accordance with section 4, Act of Congress, approved April 29, 1878.*

UNITED STATES.

## *Reports from National Quarantine Stations.*

CAPE CHARLES, VA.—During the week ended August 23, there were 15 vessels spoken and 3 inspected. The British steamer Parthian, from Mobile, was detained for fumigation.

DELAWARE BREAKWATER, DEL.—The ship John A. Briggs, mentioned in Abstract No. 34, current series, was cleansed, disinfected, and allowed to proceed to the lazaretto at Philadelphia in accordance with the request of the health officer. Six vessels were inspected.

GULF QUARANTINE (NORTH CHANDELEUR ISLAND), LA.—The Norwegian bark Safir was discharged August 19. The American schooner Charlotte, from Vera Cruz, and the British ships Prince Amadeo and Frank Carville, from Rio de Janeiro, arrived during the week. They were held for disinfection, and the Charlotte was discharged August 21.

PORT TOWNSEND, WASH.—Seven steamers and 1 schooner were inspected for the two weeks ended August 17.

SAN DIEGO, CAL.—Three vessels inspected for the week ended August 17, and 3 for the period ended August 21, 1889.

Acting Assistant Surgeon McKay, in charge of this station, reports as follows under date of August 21, 1889 :

The past ten days have been noted for an unusually high temperature for this port, the mean average being 73°, which was followed on the 16th instant by a rain accompanied with thunder and lightning; rain commencing to fall about 10 a. m. and lasting until 2.15 p. m. The rain-fall amounted to .04 of an inch, a very rare occurrence for this region at this time of the year, the atmosphere being very heavy and sultry with no sea-breeze whatever. All the wharves in the harbor are constructed on wooden piles driven closely together, and near by, the sewers of the city empty into a large tank which is supposed to be flushed and

cleansed by the tides. A great deal of matter, however, collects in the bottom of the tank which is not washed out by the tides, consequently when left bare in the hot sun, at low tide, a most offensive and sickening effluvia arises therefrom. The shipping lying at the wharves being to the southward, the northwest trade winds that prevail here during the summer distribute this poisonous effluvia pretty thoroughly among them, to say nothing of the obstruction to the cleansing action of the tides offered by the piling on which the wharves are built. It can easily be surmised what would be the effect of such unsanitary condition of this part of the harbor should there be an introduction of infectious diseases following a temperature and moisture similar to that of the past week. Attention having been called to these facts, the local health authorities are taking measures to remedy the evil as soon as practicable.

*Reports of States, and Yearly and Monthly Reports of Cities.*

ALABAMA.—*Mobile*.—Month of July, 1889. Population, 40,000. Total deaths, 78, including enteric fever, 2.

MICHIGAN.—Week ended August 17, 1889. Reports to the State board of health, Lansing, from 52 observers, indicate that dysentery, intermittent fever, and inflammation of the brain increased, and rheumatism, neuralgia, and cholera morbus decreased in area of prevalence. Including reports by regular observers and others, diphtheria was reported present during the week, and since, at 8 places; scarlet fever at 6 places; enteric fever at 14 places, and measles at 3 places.

*Detroit*.—Month of July, 1889. Population, 250,000. Total deaths, 442, including diphtheria, 5; enteric fever, 4; measles, 1; whooping-cough, 1; and scarlet fever, 1.

MINNESOTA.—*Minneapolis*.—Month of July, 1889. Population, 180,000. Total deaths, 247, including enteric fever, 3; diphtheria, 11; scarlet fever, 1; and whooping-cough, 1.

RHODE ISLAND.—From the Monthly Bulletin for July the following is extracted:

Reports in relation to sickness during July, 1889, have been received from all parts of the State, including nearly every town, and indicate a considerably increased amount as compared with the preceding month.;

Pneumonia had occurred in a few cases only. Bronchitis had prevailed to a larger extent than usual, for the season, but had lessened considerably in numbers from the previous month. Diarrhœal and others intestinal diseases had greatly increased. Diphtheria was prevalent in Johnston, Woonsocket, and Providence City in considerable numbers, but was reported from only two other locations in the State.

Scarlet fever and typhoid fever had scarcely any prevalence. Cholera infantum had gradually increased in prevalence during the month in nearly half the towns, but was not unusually severe.

Measles had an epidemic prevalence in Hopkinton, and a large prevalence in East Providence, Johnston, and West Scituate.

Whooping-cough was reported from nearly half the towns in the State, usually of a mild type. Malarial diseases not unusually frequent. The reports indicate, that as compared with the corresponding month in 1888, the amount of general sickness in July, 1889, was about the same.

The mortality from diarrhoeal diseases during the corresponding month in 1888, as compared in numbers with 1889, was as follows:

	1888.	1889.
Cholera infantum.....	125	124
Cholera morbus.....	6	11
Diarrhœa.....	17	33
Dysentery.....	18	7
Enteritis, gastro and colo.....	9	12
Total.....	175	187

With the increase of population the proportions are not far different.

*Publications received.*

Twelfth annual report of the health commissioner, city of St. Louis, Mo., 1888-'89.

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.....	Aug. 23.....	1,578,485	769							20	2	15	1	6
Chicago, Ill.....	Aug. 24.....	1,100,000	436							15	2	16	2	4
Philadelphia, Pa.....	Aug. 17.....	1,040,245	389						1	17	4	12	2	2
Brooklyn, N. Y.....	Aug. 24.....	834,607	343							9	2	7	1	5
St. Louis, Mo.....	Aug. 24.....	450,000	155							6	1	10	2	1
Cincinnati, Ohio.....	Aug. 24.....	325,000	115							6	1	5		
New Orleans, La.....	Aug. 17.....	254,000	97							1		1		
Detroit, Mich.....	Aug. 17.....	230,000	74							1		1		
Pittsburgh, Pa.....	Aug. 24.....	230,000	95							6	2	5	2	1
Minneapolis, Minn.....	Aug. 17.....	200,000	37							1		2		
Kansas City, Mo.....	Aug. 17.....	180,000	38							1		1		
Kansas City, Mo.....	Aug. 24.....	180,000	28							1		1		
Providence, R. I.....	Aug. 24.....	127,000	43									1		
Indianapolis, Ind.....	Aug. 24.....	124,450	31											
Richmond, Va.....	Aug. 24.....	100,000	43											1
Denver, Colo.....	Aug. 23.....	100,000	38							7				2
Fall River, Mass.....	Aug. 24.....	69,000	41							1		1		
Nashville, Tenn.....	Aug. 24.....	65,153	28							1				
Charleston, S. C.....	Aug. 17.....	60,145	54							4				
Charleston, S. C.....	Aug. 24.....	60,145	60							1				
Lynn, Mass.....	Aug. 24.....	50,000	18							1				
Portland, Me.....	Aug. 24.....	42,000	18							1				
Manchester, N. H.....	Aug. 17.....	42,000	14								1			
Galveston, Tex.....	Aug. 9.....	40,000	11											
Galveston, Tex.....	Aug. 16.....	40,000	15							1				
San Diego, Cal.....	Aug. 17.....	32,000	2							1				
San Diego, Cal.....	Aug. 21.....	32,000	2							1				
Altoona, Pa.....	Aug. 17.....	30,000	11							1				
Binghamton, N. Y.....	Aug. 24.....	26,000	7							1				
Auburn, N. Y.....	Aug. 24.....	26,000	7							1				
Haverhill, Mass.....	Aug. 24.....	25,000	16								1			
Newport, R. I.....	Aug. 22.....	22,000	9										1	
Keokuk, Iowa.....	Aug. 17.....	16,000	1											
Keokuk, Iowa.....	Aug. 24.....	16,000	3											
Rock Island, Ill.....	Aug. 18.....	16,000	2									1		

## FOREIGN.

(Reports received through the Department of State and other channels.)

**GREAT BRITAIN—*England and Wales.***—The deaths registered in 28 great towns of England and Wales during the week ended August 10, corresponded to an annual rate of 18.8 a thousand of the aggregate population, which is estimated at 9,555,406. The lowest rate was recorded in Oldham, viz, 13.9, and the highest in Preston, viz, 34.6 a thousand. Diphtheria caused 2 deaths in Manchester, 2 in Birmingham, and 2 in Plymouth.

*London.*—One thousand three hundred and sixty-five deaths were registered during the week, including measles, 15; scarlet fever, 16; diphtheria, 28; whooping-cough, 19; typhus, 2; enteric fever, 6; diarrhœa and dysentery, 175, and cholera and choleraic diarrhœa, 4. The deaths from all causes corresponded to an annual rate of 16.4 a thousand. Diseases of the respiratory organs caused 149 deaths. In greater London 1,705 deaths were registered, corresponding to an annual rate of 15.8 a thousand of the population. In the “outer ring” the deaths included diarrhœa, 50, and diphtheria, 3.

*Scotland.*—The deaths registered in 8 principal towns during the week ended August 10, corresponded to an annual rate of 18.6 a thousand of the population, which is estimated at 1,314,274. The lowest mortality was recorded in Edinburgh, Aberdeen, and Leith, viz, 15.0, and the highest in Paisley, viz, 30.8 a thousand. The aggregate number of deaths registered from all causes was 475, including small-pox, 1; measles, 10; scarlet fever, 2; diphtheria, 7; whooping-cough, 24; fever, 7, and diarrhœa, 57.

*Ireland.*—The average annual death rate, represented by the deaths registered during the week ended August 10, in the 16 principal town districts of Ireland, was 22.9 a thousand of the population. The lowest rate was recorded in Lisburn viz, 0.0, and the highest in Newry, viz, 35.1 a thousand. In Dublin 168 deaths were registered, including measles, 3; enteric fever, 1; diarrhœa, 15; and whooping-cough, 4.

During the quarter ended June 30, there were 21,095 deaths registered in Ireland, corresponding to an annual rate of 17.8 a thousand of the population. Measles was very fatal in a few districts, and whooping-cough in a larger number, but no zymotic disease was prevalent throughout the country. There have been no deaths from small-pox since the first quarter of 1888. The deaths for the quarter included measles, 142; scarlet fever, 81; typhus, 81; whooping-cough, 344; diphtheria, 80; enteric fever, 162; diarrhœa, 199; and simple cholera, 3.

*Gibraltar.*—The following notice is published :

AUGUST 1, 1889.—The Board of Trade, at a meeting held this day, decided to withdraw the quarantine now imposed at this port on arrival from the Brazils.

By order—

I. C. KING,  
*Secretary to the Board of Health.*

FRANCE—*Bordeaux.*—Month of July, 1889. Population, 240,582. Total deaths, 400, including enteric fever, 6, and diphtheria, 11.

BRAZIL—*Bahia.*—The United States consul, in his dispatch, dated July 25, 1889, reports the sanitary condition of the city and adjacent country as good.

*Paramaribo.*—Month of June, 1889. Population, 27,593. Total deaths, 72. None from contagious diseases.

DEMERARA—*Georgetown.*—Month of June, 1889. Population, 56,000. Total deaths, 145. None from contagious diseases. The United States consul states, under date of July 25, that—

Leprosy, now generally believed to be contagious, is thought to be slowly increasing in the colony, but the death rate is so small that the mortuary statistics give no adequate idea of its prevalence.

CUBA—*Cardenas.*—August 16, 1889. The usual summer weather prevails. Good health in town and harbor.

*Havana.*—Week ended August 16, 1889. Nineteen deaths from yellow fever.

UNITED STATES OF COLOMBIA—*Colon.*—The Department of State was advised by telegram of the United States consul at Colon, that the steamer *Adirondack* had left that port for the United States with yellow fever on board. The consul did not state the port to which the *Adirondack* is destined.

ITALY—*Rome.*—The United States vice-consul-general, in his dispatch, dated August 3, 1889, says :

I have the honor to submit herewith two statements relating to public health, one of which concerns the Kingdom of Italy for the half year ended June 30, 1889, and the other the province of Rome for the month of June, 1889.

These statements are compiled from the reports of mayors made to the minister of the interior. However, for the month of June last, out of a total of 8,257 communes, the mayors of 1,603 failed to make returns. On December 31, 1888, latest estimate, the aggregate population of these 8,257 communes making up the Kingdom was officially placed at 30,565,253 inhabitants.

The municipal authorities of Rome have published no health statistics later than June 1 last, but from unofficial information I am glad to state that the health of the city and surrounding country continues to be excellent.

## I.—Sanitary bulletin of the Kingdom of Italy for the six months ended June 30, 1889.

Months.	Number of com- munes—			Number of physicians and sur- geons prac- ticing in communes—			Number of physicians and surgeons who reported cases of disease.	Number of cases reported during the month.						
	Which reported infec- tious diseases.	Which sent negative reports.	Which sent no reports.	Who reported cases of infectious diseases.	Who sent no reports or sent negative ones.	Total.		Small-pox.	Measles.	Scarlet fever.	Diphtheria.	Typhoid fever.	Typhus fever.	Puerperal fever.
January.....	2,251	4,663	1,343	10,301	7,267	17,568	4,884	5,146	15,218	3,692	3,431	3,126	160	752
February.....	2,256	4,743	1,258	10,559	7,009	17,568	4,677	4,272	13,978	2,977	3,157	3,661	110	752
March.....	2,351	4,743	1,163	10,603	6,965	17,568	4,902	4,210	15,551	3,266	2,985	2,868	138	849
April.....	2,222	4,800	1,235	10,312	7,256	17,568	4,837	3,749	18,321	3,812	2,480	2,882	170	687
May.....	2,127	4,644	1,486	10,028	7,540	17,568	4,431	3,819	16,645	3,010	2,256	2,813	120	625
June.....	1,922	4,732	1,603	9,756	7,812	17,568	4,168	2,832	13,366	2,687	2,023	3,150	159	543
{ 1889.....	2,455	5,186	613	10,925	6,643	17,568	5,209	4,795	23,896	3,609	2,953	3,621	204	606
{ 1888.....														

## II.—Sanitary bulletin of the province of Rome (Latium) for the month ended June 30, 1889.

Districts or circuits making up the prov- ince of Rome.	Population on December 31, 1887.	No. of com- munes—		Number of physicians and surgeons.			Number of cases reported during the month.						No. of com- munes—		
		Total in the district.	Which reported infec- tious diseases.	Total for district.	Total in communes re- porting cases of disease.	Who reported cases.	Small-pox.	Measles.	Scarlet fever.	Diphtheria.	Typhoid fever.	Typhus fever.	Puerperal fever.	Which made negative reports.	Which made no reports.
Rome.....	507,504	98	19	506	504	69	26	217	139	17	35	.....	2	60	19
Civita Vecchia.....	30,549	7	2	19	4	3	.....	.....	1	1	.....	.....	.....	4	1
Frosinone.....	159,510	43	11	70	17	16	27	4	2	6	60	3	3	26	6
Velletri.....	78,752	18	7	36	21	16	9	545	1	7	17	5	3	10	1
Viterbo.....	170,779	61	17	97	41	36	1	22	16	35	19	.....	3	35	9

## Communes in which were reported a greater number of cases of the diseases quoted.

Small-pox :		Typhoid fever—Continued :	
Alatri.....	6	Rocco Priora.....	18
M. S. Giovanni di Campagna.....	14	Rome.....	9
Squrgola.....	6	Velletri.....	12
Rome.....	26	Marta.....	4
Velletri.....	6	Typhus fever :	
Measles :		Velletri.....	5
Rome.....	70	Diphtheria :	
Torita Tiburtina.....	85	Spingola.....	4
Sezze.....	500	Rome.....	15
Velletri.....	40	Velletri.....	4
Orte.....	25	Marta.....	8
Scarlet fever :		Montefiascone.....	12
Vallimfreda.....	130	Viterbo.....	6
Marta.....	5	Puerperal fever :	
Viterbo.....	9	Alatri.....	3
Typhoid fever :		Velletri.....	3
Trevi.....	45		

BAHAMAS—*Nassau, N. P.*—Week ended August 17, 1889. Population, 12,000. Number of deaths, not reported. No prevailing diseases. General health, very good.

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.	Measles.	Whooping-cough.
London.....	Aug. 3.....	5,642,015	1,931					8	12		29	
London.....	Aug. 10.....	5,642,015	1,705					6	18	31	15	28
Paris.....	Aug. 3.....	2,260,945	1,058			3		36	10	23	15	11
Paris.....	Aug. 10.....	2,260,945	972					38	8	27	15	11
Glasgow.....	Aug. 10.....	545,678	213							3		
Calcutta.....	July 6.....	433,219	223	24								
Calcutta.....	July 13.....	433,219	215	17								
Warsaw.....	July 27.....	445,770	288			6			3	9		
Warsaw.....	Aug. 3.....	445,771	296			7			7	7		
Rome.....	June 22.....	404,449	167					1	1	8		
Rome.....	June 29.....	404,449	171			1				3		
Amsterdam.....	Aug. 10.....	399,051	153						1	1		
Copenhagen.....	Aug. 3.....	307,000	184						2	1	7	
Edinburgh.....	Aug. 3.....	266,900	88					1		1		
Palermo.....	Aug. 10.....	250,000	89							2	1	
Bristol.....	July 27.....	229,361	72									
Bristol.....	Aug. 3.....	229,361	69						2			
Bristol.....	Aug. 10.....	229,361	68									
Belfast.....	Aug. 3.....	229,622	114						2	1		
Rotterdam.....	Aug. 10.....	197,724	82								2	
Genoa.....	Aug. 3.....	180,156	93				1	1				
Genoa.....	Aug. 10.....	180,169	89				2			1		
Trieste.....	Aug. 10.....	154,500	73					1		3		
Stuttgart.....	Aug. 10.....	125,510	46							1		
Havre.....	Aug. 10.....	112,074	65			1		2	1	1	1	1
Barmen.....	Aug. 10.....	109,000	38								2	1
Catania.....	Aug. 4.....	108,000	50					1	2	2		
Catania.....	Aug. 12.....	108,000	42					1		2		
Leghorn.....	Aug. 4.....	103,142	31									
Leghorn.....	Aug. 11.....	103,142	38									
Rheims.....	Aug. 10.....	97,903	49						1	1		
Leith.....	Aug. 3.....	76,400	37						1	1	1	
Mayence.....	July 27.....	65,802										
Mayence.....	Aug. 3.....	65,802	35				1			2		
Cadiz.....	Aug. 3.....	65,028	42									
Cadiz.....	Aug. 10.....	65,028	50									
Cienfuegos.....	Aug. 12.....	40,655	18									
Guayaquil.....	July 31.....	35,000	75									
Guayaquil.....	Aug. 7.....	35,000	55					1				
Vera Cruz.....	Aug. 15.....	23,800	18									
Gibraltar.....	Aug. 4.....	23,681	11									
Cartagena, Colombia.....	Aug. 3.....	20,000	11									
Kingston, Can.....	Aug. 16.....	17,300	19									
Kingston, Can.....	Aug. 23.....	17,300	3									
Cape Haytien.....	July 13.....	15,000	7									
Cape Haytien.....	July 20.....	15,000	5									
Cape Haytien.....	July 27.....	15,000	6									
Cape Haytien.....	Aug. 3.....	15,000	5									
La Guayra.....	Aug. 3.....	7,428	7									
La Guayra.....	Aug. 10.....	7,428	6									
Ruatan.....	Aug. 3.....	1,500	2									
Ruatan.....	Aug. 10.....	1,500	1									

JOHN B. HAMILTON,  
Supervising Surgeon-General, Marine-Hospital Service.