

WEEKLY ABSTRACT OF SANITARY REPORTS.

VOL. IV. { Abstract }
 { No. 52. }

TREASURY DEPARTMENT,
OFFICE SUPERVISING SURGEON-GENERAL,
U. S. MARINE-HOSPITAL SERVICE,
Washington, D. C., December 27, 1889.

Abstract of Domestic and Foreign Sanitary Reports received during the week ended December 27, 1889, published in accordance with section 4, Act of Congress, approved April 29, 1878.

UNITED STATES.

Circular.—Regulation to prevent the introduction of leprosy.

TREASURY DEPARTMENT,
OFFICE SUPERVISING SURGEON-GENERAL, M.-H. S.
Washington, D. C., December 23, 1889.

To medical officers of the Marine-Hospital Service, collectors of customs, and others concerned:

The national quarantine act approved April 29, 1878, entitled "An act to prevent the introduction of contagious or infectious diseases," provides that no vessel or vehicle coming from any foreign port or country where any contagious or infectious disease exists, or any vessel or vehicle conveying persons or animals affected with any contagious disease, shall enter any port of the United States or cross the boundary line between the United States and any foreign country, except in such manner as may be prescribed.

Attention is now directed to the increased prevalence of the contagious disease known as leprosy, in several foreign countries, and the danger of its increase in the United States through the immigration of persons affected with leprosy, and by direction of the Secretary of the Treasury the following regulation is framed under authority of the foregoing act subject to the approval of the President, to protect the people of the United States from the introduction of leprosy:

1. Until further orders, no vessel shall be admitted to entry by any officer of the customs until the master, owner or authorized agent of the vessel shall produce a certificate from the health officer or quarantine officer at the port of entry, or nearest United States quarantine officer, that no person affected with leprosy was on board the said vessel when admitted to free pratique, or in case a leper was found on board such vessel, that he or she with baggage has been removed from the vessel and detained at the quarantine station.

2. Medical officers in command of United States quarantines are hereby instructed to detain any person affected with leprosy found on board any vessel, but such officer will permit the departure on outgoing vessels of persons detained at quarantine in pursuance of this regulation, provided such vessel shall be bound to the foreign country from which the said leper shall have last sailed.

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

Approved: WILLIAM WINDOM, *Secretary.*

Approved: BENJ. HARRISON.

*Special Reports.*U. S. MARINE-HOSPITAL SERVICE,
SURGEON'S OFFICE.*Boston, Mass., December 24, 1889.*

SIR: I have the honor to inform you of the presence of influenza, or a form of catarrhal fever, in this hospital. About one-third of the attendants and quite a proportion of the patients are now suffering from the disease.

The form is mild, and treatment by quinine seems to give the best results.

Very respectfully,

FAIRFAX IRWIN,
Surgeon, M.-H. S.

SUPERVISING SURGEON-GENERAL,
U. S. MARINE-HOSPITAL SERVICE.
Washington, D. C.

Weekly mortality table of 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.	Dec. 21	1,593,651	665							5	10	24	5	8
Brooklyn, N. Y.	Dec. 21	843,602	333							3	3	26		3
Baltimore, Md.	Dec. 21	500,343	162									8	2	1
St. Louis, Mo.	Dec. 14	450,000	138							2	8	9		
Boston, Mass.	Dec. 21	420,000	193							3		17		1
Cincinnati, Ohio.	Dec. 21	325,000	110							3		10		2
New Orleans, La.	Dec. 7	254,000	141											
New Orleans, La.	Dec. 14	254,000	109							1				
Detroit, Mich.	Dec. 14	250,000	75								1	5		
Detroit, Mich.	Dec. 21	250,000	65								1	9		
Louisville, Ky.	Dec. 14	227,000	57											
Minneapolis, Minn.	Dec. 21	200,000	51							7	2	4		
Kansas City, Mo.	Dec. 14	180,000	36									1	2	
Kansas City, Mo.	Dec. 21	180,000	36							3	1			1
Rochester, N. Y.	Dec. 21	130,000	42							3		1		
Providence, R. I.	Dec. 14	127,000	51							1		1	1	
Providence, R. I.	Dec. 21	127,000	37								1	2	1	
Indianapolis, Ind.	Dec. 20	124,450	27											
Richmond, Va.	Dec. 14	100,000	43											
Toledo, Ohio.	Dec. 20	89,000	26									5		
Fall River, Mass.	Dec. 21	69,000	18											
Nashville, Tenn.	Dec. 21	68,531	18											
Charleston, S. C.	Dec. 21	60,145	27							4				
Portland, Me.	Dec. 21	42,000	9							1				
Manchester, N. H.	Dec. 7	42,000	20											
Galveston, Tex.	Nov. 29	40,000	11									1		
Galveston, Tex.	Dec. 6	40,000	16											
Galveston, Tex.	Dec. 13	40,000	8							1				
Yonkers, N. Y.	Dec. 21	31,000	12								2	1		
Altoona, Pa.	Dec. 14	30,000	7								1	1	1	
Binghamton, N. Y.	Dec. 21	30,000	9									1		1
Auburn, N. Y.	Dec. 14	26,000	10									2		
Newport, R. I.	Dec. 19	22,000	6											
Newton, Mass.	Dec. 21	21,553	5											
Rock Island, Ill.	Dec. 15	16,000	3									1		
Rock Island, Ill.	Dec. 22	16,000	2									2		
Keokuk, Iowa.	Dec. 21	16,000	6											
Pensacola, Fla.	Dec. 14	15,000	8									1		

Consolidated mortality table of cities of the United States, compiled from weekly reports published in the present volume.

Cities.	Estimated population.	Number of weeks reported.	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	1,593,651	51	38,549			1		1		190	1,244	1,666	478	623
Chicago, Ill.	1,100,000	33	10,156			1		1		283	127	718	118	59
Philadelphia, Pa	1,040,245	48	18,873				1	2	1	640	305	353	75	144
Brooklyn, N. Y.	843,602	49	16,932					4		156	265	1,036	206	269
Baltimore, Md.	500,343	51	8,474							166	65	157	93	53
St. Louis, Mo.	450,000	30	4,582							100	73	220	36	27
Boston, Mass.	420,000	8	1,366		1					33	2	97		8
Cincinnati, Ohio.	325,000	52	5,904							145	27	362	89	21
San Francisco, Cal.	300,000	43	4,571			5				114	14	76	3	19
New Orleans, La.	254,000	48	5,582	1	1					38	7	133	20	15
Detroit, Mich.	250,000	45	2,786							28	34	142	3	19
Washington, D. C.	250,000	36	3,650					1		108	23	90	4	45
Cleveland, Ohio.	235,000	44	3,693							147	49	180	17	20
Pittsburgh, Pa.	230,000	39	3,326			2				185	64	161	47	32
Louisville, Ky.	227,000	23	1,417					1		49	2	12	12	22
Milwaukee, Wis.	210,000	26	1,489							26	65	50	4	6
Minneapolis, Minn.	200,000	49	2,103							96	33	181	3	3
Newark, N. J.	180,145	32	2,808							71	42	160	18	25
St. Paul, Minn.	180,000	9	332							17	11	22	4	
Kansas City, Mo.	180,000	35	1,309			4				27	12	21	7	4
Denver, Colo.	135,000	49	1,623			13	1			163	18	68	7	6
Rochester, N. Y.	130,000	46	1,864						1	34	2	58	7	38
Providence, R. I.	127,000	42	2,008							48	22	67	13	30
Indianapolis, Ind.	124,450	17	499						1	32	5	28		2
Richmond, Va.	100,000	48	1,805							34	1	18	1	13
Toledo, Ohio.	89,000	50	1,134							21	11	92		14
Camden, N. J.	70,000	18	426							40	7	6		
Fall River, Mass.	69,000	50	1,416							40	30	16	8	6
Nashville, Tenn.	68,531	51	1,103							46	5	4	1	5
Charleston, S. C.	60,145	52	1,870							34		8	9	2
Lynn, Mass.	50,000	47	745							6	4	19	6	
Manchester, N. H.	42,000	45	666							13	4	23	2	3
Portland, Me.	42,000	46	654							9	1	6	2	
Galveston, Tex.	40,000	51	585							12		5	5	3
Council Bluffs, Iowa.	35,000	38	219							1	5	31		
Davenport, Iowa.	33,715	22	184								3	45	3	1
East Saginaw, Mich.	33,000	16	160							3				
San Diego, Cal.	32,000	22	83							1				
Yonkers, N. Y.	31,000	14	118							2	3	2		
Burlington, Iowa.	30,166	5	32								1	3		
Altoona, Pa.	30,000	52	350							9	1	17		
Binghamton, N. Y.	30,000	37	318							35	1	2		3
Canton, Ohio.	30,000	3	13											
Auburn, N. Y.	26,000	51	436							3	4	22		1
Haverhill, Mass.	25,000	48	379							7	2	5	8	2
Newport, R. I.	22,000	53	338							5	1	9		
Newton, Mass.	21,553	50	306							10	1	38		3
Rock Island, Ill.	16,000	23	83									28		
Keokuk, Iowa.	16,000	49	182							1	1	7	5	
Pensacola, Fla.	15,000	45	242							10		4	5	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 December 7 corresponded to an annual rate of 21.5 a thousand of the aggregate population, which is estimated at 9,555,406. The lowest rate was recorded in Birkenhead, viz, 14.2, and the highest in Plymouth, viz, 36.7 a thousand. Diphtheria caused 5 deaths in Salford, 2 in Liverpool, 2 in Preston, 2 in New Castle-upon-Tyne, and 2 in Sheffield.

London.—One thousand six hundred and eighty-three deaths were registered during the week, including measles, 41; scarlet fever, 24; diphtheria, 47; whooping-cough, 47; enteric fever, 18; and diarrhoea and dysentery, 12. The deaths from all causes corresponded to an annual rate of 20.2 a thousand. Diseases of the respiratory organs caused 432 deaths. In greater London 2,158 deaths were registered, corresponding to an annual rate of 20.0 a thousand of the population. In the "outer ring" the deaths included measles, 10; scarlet fever, 7; diphtheria, 11; and whooping-cough, 12.

Ireland.—The average annual death rate, represented by the deaths registered during the week ended December 7, in the 16 principal town districts of Ireland, was 27.0 a thousand of the population. The lowest rate was recorded in Drogheda, viz, 8.5, and the highest in Londonderry, viz, 37.4 a thousand. In Dublin and suburbs 188 deaths were registered, including diphtheria, 1; measles, 2; enteric fever, 11; typhus, 1; whooping-cough, 3; and diarrhoea, 3.

Scotland.—The deaths registered in eight principal towns during the week ended December 7 corresponded to an annual rate of 23.9 a thousand of the population, which is estimated at 1,314,274. The lowest mortality was recorded in Aberdeen, viz, 18.0, and the highest in Paisley, viz, 26.6 a thousand. The aggregate number of deaths registered from all causes was 612, including measles, 11; scarlet fever, 13; diphtheria, 9; whooping-cough, 20; fever, 4; and diarrhoea, 10.

Malta and Gozo.—One hundred and seventy-eight deaths were registered during the first half of November, 1889, including diphtheria, 4; and dysentery, 2.

FRANCE—*Marseilles.*—Seven hundred and twenty-nine deaths were registered during the month of November, 1889, including small-pox, 20; enteric fever, 27; scarlet fever, 4; diphtheria and croup, 28; measles, 11; whooping-cough, 4; and diarrhoea and enteritis, 52.

CUBA—*Havana*.—Four deaths from yellow fever were reported during the week ended December 12, 1889.

Cardenas.—December 13, 1889. Cool weather and good health in town and bay.

Weekly mortality table of foreign cities.

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Consolidated mortality table of foreign cities, compiled from weekly reports published in the present volume.

Cities.	Estimated population.	Number of weeks reported.	Total deaths from all causes.	Deaths from—								
				Cholera.	Yellow fever.	Small-pox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping-cough.
London.....	5,642,015	36	62,405			2		376	1,241	1,212	1,322	28
Paris.....	2,260,945	52	51,177			139		915	168	1,654	1,227	439
Glasgow.....	545,978	52	12,884				4	129	117	181	75	186
Buenos Ayres.....	516,000	4	1,329			10		36	1	21		
Warsaw.....	445,770	52	12,857			660	3	31	274	407		
Calcutta.....	433,219	50	10,111	1,138		52				14	19	
Rome.....	407,936	41	7,566			87		108	16	155		
Amsterdam.....	399,051	46	8,008				5	36	15	165		
Cairo.....	374,838	4	1,547			44		72		2	17	10
Copenhagen.....	307,000	44	5,578					52	65	283		
Rio de Janeiro.....	399,051	22	7,531		136	119	206	96	1	10		
Munich.....	281,000	46	7,719				1	25	111	318		
Edinburgh.....	266,900	41	3,441			2	13	22	31	76	18	21
Palermo.....	250,000	48	4,096			23		2	73	95		
Alexandria.....	231,396	4	758			8	2	4			22	
Belfast.....	229,622	31	3,421				6	111	9	25		
Bristol.....	229,361	41	3,013					23	14	9		
Rotterdam.....	197,724	24	2,142					10	5	37	80	
Genoa.....	189,427	45	4,282			38	50	7	2	51		
Port of Spain.....	178,270	2	74									
Toronto.....	175,000	29	1,131				1	84		34		
Macao.....	170,000	1	55			15						
Trieste.....	158,054	50	3,824			48		19	9	79	1	
Stuttgart.....	125,510	51	2,401				2	2	37	101	3	
Bremen.....	122,000	2	82					1	1	3		
Pernambuco.....	120,000	45	3,995		23	3	81	55	59			
Havre.....	112,074	33	1,938			40		51	7	14	3	1
Barmen.....	109,000	52	2,167				17		7	27	89	17
Catania.....	108,000	17	743			2		11	22	16		1
Leghorn.....	103,287	44	1,833					7		8		
Rheims.....	97,903	9	410					20	3	2	6	1
Leith.....	76,400	37	933				1	5	14	25		
Mavence.....	65,802	51	1,469				10	1	26	78		
Cadiz.....	57,157	53	2,490			1				3		
Merida.....	47,448	27	1,540				2	4	1			
Cienfuegos.....	40,655	12	208		16	2		1				
Maracaibo.....	40,000	1	17					2				
Guayaquil.....	35,000	25	2,076								68	
Ceara.....	29,000	4	155		18	7		65				
Curacao.....	25,000	7	39						50			
Vera Cruz.....	23,800	32	788			1						
Gibraltar.....	23,681	45	465			5		5	1	24		
San Juan, Porto Rico.....	23,000	2	19		2							
Cartagena.....	20,000	28	241							1		
Kingston, Can.....	18,284	43	344									
San Domingo.....	16,000	2	10									
Antigua.....	15,847	11	135									
Cape Haytien.....	15,000	17	104									
St. Thomas.....	13,500	39	500									
Laguayra.....	7,428	45	273									
Turk's Islands.....	5,000	19	98									
Bluefields, Nic.....	2,000	2	2									
Ruatan.....	1,500	2	3									
San Juan del Norte.....	1,250	21	37									

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