

ABSTRACT OF SANITARY REPORTS.

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No. 12.

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UNITED STATES.

SPECIAL REPORTS.

Report on typhus fever patients at New York.

The following dispatch has been received :

NEW YORK, *March 18, 1892.*

Since March 9 two new cases. Nurses at North Brother Island. Twenty-six deaths to date. Sixty-six cases in hospital. No new cases in city since March 29.

CYRUS EDSON, M. D.,
Chief Inspector.

Copy of letter concerning typhus fever and consular notification.

TREASURY DEPARTMENT,
Washington, March 16, 1892.

SIR: By request of the Supervising Surgeon-General of the Marine-Hospital Service, I beg leave to invite your attention to the present epidemic of typhus fever at New York, the said disease having been introduced January 30, 1892, by means of the steamship *Massilia*, said vessel having taken on board a band of 1,538 Russian and Polish Hebrews at Odessa, Russia. The Surgeon-General states that, although from time to time within the last six months a number of deaths from typhus fever have been reported by the United States consuls abroad, in their weekly reports, which have been duly published in the ABSTRACT OF SANITARY REPORTS, no official information has been received from Odessa, or any other Russian port, announcing the prevalence in epidemic form, or to an alarming degree, of typhus fever; and, at his suggestion, I have respectfully to request that the several United States consuls and consular agents at Odessa, Riga, Warsaw, Moscow, Batoum, Cronstadt, Liban, Revel, Rostoff, Taganrok, and Wyborg be directed to forward immediately a special report concerning the existence of this dangerous disease, and that their attention be specially called to the law of April 29, 1878, and to the Consular Regulations based thereon, paragraphs 333-335, and particularly to the provision directing the use of the cable, when necessary, to convey information of any epidemic disease.

Respectfully yours,

A. B. NETTLETON,
Acting Secretary.

HON. SECRETARY OF STATE.

Totals of reported deaths abroad from typhus as published from time to time in the Weekly Abstracts of Sanitary Reports from January 1, 1891, to March 11, 1892, inclusive.

	Deaths.		Deaths.
Austria	4	Italy	99
Brazil.....	93	Japan	89
Belgium.....	1	Mexico.....	3
Canada.....	55	Norway.....	1
Cuba.....	7	Netherlands.....	107
Chile.....	2	Prussia.....	60
England.....	51	Russia.....	50
Egypt.....	2	Switzerland.....	148
France.....	95	Scotland.....	5
Germany.....	116	Spain.....	3
Guiana.....	7		
Ireland.....	13	Total.....	1,011

STATEMENT.

Aside from the reports as above published, no special official reports have been received at this Bureau within the last year concerning the prevalence of typhus fever in an epidemic form, or to an alarming extent, from any consul or consular agent in Russia or any other foreign country. Neither have any consular reports been received with regard to the steamer *Massilia*. No delay is permitted in the dissemination of necessary information when received at this Bureau, the telegraph being freely used, as has been frequently done within the last year, messages being more frequently directed to the ports of New York and Boston, and relating chiefly to vessels expected to arrive with cargoes from Turkish ports in the vicinity of which cholera has prevailed.

Correction.—In the telegram of health officer Dr. Cyrus B. Edson, published in ABSTRACT No. 11, March 11, the words “in one hospital” should have read “in our hospital.”

Reports of States, and yearly and monthly reports of cities.

ALABAMA—*Mobile*.—Month of February, 1892. Population, 31,076. Total deaths, 71, including phthisis pulmonalis 6 and enteric fever 1.

CALIFORNIA—*Los Angeles*.—Population, 50,395. Total deaths, 77, including phthisis pulmonalis, 23; enteric fever, 1; scarlet fever, 2; diphtheria, 2; measles, 1; croup, 1; and whooping cough, 1.

San Francisco.—Month of February, 1892. Population, 298,997. Total deaths, 593, including phthisis pulmonalis, 82; influenza, 8; enteric fever, 6; scarlet fever, 4; diphtheria, 25; croup, 7; measles, 8; and whooping cough, 1.

CONNECTICUT—*Bridgeport*.—Month of February, 1892. Population, 48,866. Total deaths, 88, including phthisis pulmonalis, 10; influenza, 8; scarlet fever, 3; and diphtheria and croup, 2.

FLORIDA.—Month of January, 1892. Reports to the State board of health from 19 counties show a total of 262 deaths, including phthisis

pulmonalis, 36; influenza, 18; enteric fever, 3; diphtheria, 1; and croup, 2.

IOWA.—Month of January, 1892. The following mortuary report is extracted from the *Monthly Bulletin* for February :

Burlington.—No report.

Council Bluffs.—Diphtheria, 3; pneumonia, 4; scarlet fever, 1. Total deaths, 25. Population, 21,388. Death rate per 1,000, 1.1. For December, 0.7.

Davenport.—Consumption, 6; pneumonia, 15; la grippe, 13; meningitis, 2. Total deaths, 58. Population, 28,500. Death rate per 1,000, 2.003. For December, 1.9.

Des Moines.—Diphtheria, 11; scarlet fever, 1; consumption, 3; pneumonia, 13; la grippe, 4; typhoid fever, 1; spinal meningitis, 1; puerperal fever, 1. Total deaths, 67. Population, 62,000. Death rate per 1,000, 1.2. For December, 1.2.

Dubuque.—No report.

Keokuk.—Consumption, 2; pneumonia, 4; diphtheria, 4; la grippe, 5. Total deaths, 22. Population (estimated), 18,000. Death rate per 1,000, 1.03. For December, 1.03.

Muscatine.—Consumption, 1; pneumonia, 10; la grippe, 5; diphtheria, 1; measles, 1. Total deaths, 29. Population, 11,432. Death rate per 1,000, 2.3. For December, 2.3.

Oskaloosa.—No report.

Ottumwa.—Consumption, 1; pneumonia, 3; la grippe, 4; meningitis, 1. Total deaths, 18. Population, 16,000. Death rate per 1,000, 1.8. For December, 1.50.

Sioux City.—Consumption, 3; pneumonia, 4; diphtheria, 22; membranous croup, 1; typhoid fever, 2; la grippe, 3. Total deaths, 54. Population (estimated), 40,000. Death rate per 1,000, 1.62.

Davenport.—Month of February, 1892. Population, 26,872. Total deaths, 23, including phthisis pulmonalis, 4; influenza, 4; diphtheria, 1; and croup, 2.

MARYLAND—*Baltimore*.—Month of February, 1892. Population, 434,439. Total deaths, 844, including phthisis pulmonalis, 109; influenza, 31; enteric fever, 9; scarlet fever, 58; diphtheria, 41; croup, 7; measles, 9; and whooping cough, 3.

MASSACHUSETTS—*Brockton*.—Month of February, 1892. Population, 27,294. Total deaths, 28, including phthisis pulmonalis 7 and influenza 4.

Worcester.—Month of February, 1892. Population, 84,655. Total deaths, 126, including phthisis pulmonalis, 7; influenza, 6; scarlet fever, 4; and diphtheria, 7.

MICHIGAN.—Week ended March 5, 1892. Reports to the State board of health, Lansing, from 63 observers, indicate that inflammation of brain, cholera morbus, cholera infantum, dysentery, puerperal fever, inflammation of bowels, diarrhea and typhoid fever increased, and that

typho-malarial fever, inflammation of kidney, cerebro-spinal meningitis, and diphtheria decreased in area of prevalence. Diphtheria was reported present during the week at 28 places, scarlet fever at 60, enteric fever at 13, and measles at 11 places.

MINNESOTA.—Month of January, 1892. Reports to the State board of health from 26 cities and 5 villages, having an aggregate population of 461,158, show a total of 1,202 deaths, including influenza, 97; enteric fever, 30; scarlet fever, 21; diphtheria, 52; croup, 17; measles, 5; and whooping cough, 6.

NEW YORK—*Buffalo*.—Month of February, 1892. Population, 255,664. Total deaths, 434, including phthisis pulmonalis, 49; enteric fever, 4; scarlet fever, 5; diphtheria, 9; croup, 10; and whooping cough, 2.

Rochester.—Month of February. Population, 133,896. Total deaths, 214, including phthisis pulmonalis, 22; enteric fever, 3; scarlet fever, 3; and croup, 17.

OHIO—*Cleveland*.—Month of February, 1892. Population, 261,353. Total deaths, 425, including phthisis pulmonalis, 38; enteric fever, 1; scarlet fever, 2; diphtheria, 13; croup, 8; and whooping cough, 3.

Toledo.—Month of February, 1892. Population, 81,434. Total deaths, 103, including phthisis pulmonalis, 7; influenza, 24; scarlet fever, 2; diphtheria, 5; measles, 1; and whooping cough, 2.

PENNSYLVANIA—*Williamsport*.—Month of February, 1892. Population, 27,132. Total deaths, 35, including 2 from diphtheria.

RHODE ISLAND—*Newport*.—Month of February, 1892. Population, 19,457. Total deaths, 31, including phthisis pulmonalis, 1; influenza, 2; croup, 4; and whooping cough, 1.

TENNESSEE—*Nashville*.—Month of February, 1892. Population, 76,168. Total deaths, 143, including phthisis pulmonalis, 26; measles, 2; and croup, 1.

TEXAS—*San Antonio*.—Month of February, 1892. Population, 37,673. Total deaths, 101, including phthisis pulmonalis, 23; influenza, 5; enteric fever, 2; and whooping cough, 2.

Table of temperature and rainfall, week ended March 11, 1892.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Defic'ncy.	Normal.	Excess.	Deficiency.
New England States:						
Eastport, Me.....	27	62		1.22		.31
Portland, Me.....	28	49		.82	.03	
Boston, Mass.....	33	38		.98		.02
Block Island, R. I.....	33	20		.94	.66	
Middle Atlantic States:						
Albany, N. Y.....	30	21		.70		.07
New York, N. Y.....	35	49		.94		.18
Philadelphia, Pa.....	38	7		.71	.39	
Atlantic City, N. J.....	36	15		.90		.22
Baltimore, Md.....	40	0	0	.98	1.45	
Washington, D. C.....	39	8		.95	.43	
Lynchburg, Va.....	44	15		.90	.36	
Norfolk, Va.....	45	17		1.02	.44	
South Atlantic States:						
Charlotte, N. C.....	49	20		1.12		.04
Wilmington, N. C.....	52	12		.94		.54
Charleston, S. C.....	55	19		.91		.78
Augusta, Ga.....	55	9		1.19		.54
Savannah, Ga.....	58	8		.81		.60
Jacksonville, Fla.....	61	0	0	.77		.42
Key West, Fla.....	72		14	.28	1.64	
Gulf States:						
Atlanta, Ga.....	51		9	1.50	.38	
Pensacola, Fla.....	59		10	1.26		.08
Mobile, Ala.....	58		13	1.59	2.12	
Montgomery, Ala.....	56		6	1.40		.09
Vicksburg, Miss.....	57		31	1.41	.61	
New Orleans, La.....	61		21	1.24		.38
Shreveport, La.....	56		25	1.05		.45
Fort Smith, Ark.....	49		21	.58		.31
Little Rock, Ark.....	51		18	1.18		.85
Palestine, Tex.....	57		31	.97		.33
Galveston, Tex.....	61		27	.72		.51
San Antonio, Tex.....	60		19	.42	.08	
Corpus Christi, Tex.....	62		24	.42	.02	
Brownsville, Tex. †.....	67			.35		
Ohio Valley and Tennessee:						
Memphis, Tenn.....	50		9	1.33		1.26
Nashville, Tenn.....	47		9	1.19		.28
Chattanooga, Tenn.....	49		1	1.53		.49
Knoxville, Tenn.....	46	2		1.30		.15
Louisville, Ky.....	44		30	.98	.08	
Indianapolis, Ind.....	37		16	.91		.21
Cincinnati, Ohio.....	40		23	.81		.56
Columbus, Ohio.....	36		12	.77	.05	
Pittsburg, Pa.....	37		20	.63	.18	
Lake Region:						
Oswego, N. Y.....	27	24		.63	.13	
Rochester, N. Y.....	28	26		.63	.20	
Buffalo, N. Y.....	27	25		.63		.23
Erie, Pa.....	31	2		.70		.06
Cleveland, Ohio.....	31		1	.70		.08
Sandusky, Ohio.....	32		6	.63	.43	
Toledo, Ohio.....	32		3	.49	.21	
Detroit, Mich.....	31		6	.56		.04
Port Huron, Mich.....	27	32		.70		.22
Alpena, Mich.....	21	37		.48		.37
Marquette, Mich.....	20	70		.35	1.20	
Grand Haven, Mich.....	29	14		.49		.24
Milwaukee, Wis.....	29	13		.56		.19
Chicago, Ill.....	34		40	.56		.17
Duluth, Minn.....	21	45		.30	1.10	
Upper Mississippi Valley:						
St. Paul, Minn.....	24	24		.28	.15	
La Crosse, Wis.....	27	15		.35		.14
Dubuque, Iowa.....	29		4	.49		.41
Davenport, Iowa.....	32		16	.47		.26
Des Moines, Iowa.....	31	2		.28		.11
Keokuk, Iowa.....	35		20	.49		.13
Springfield, Ill.....	37		33	.63	.02	
Cairo, Ill.....	44		1	.90		.61
St. Louis, Mo.....	41		28	.69	.19	

*The figures in these columns represent the accumulated excess or deficiency for the week. To obtain the average daily departure these should be divided by seven.

† Reports missing.

Table of temperature and rainfall, week ended March 11, 1892—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Defic'ncy.	Normal.	Excess.	Deficiency.
Missouri Valley:						
Springfield, Mo.....	42		19	.75	.58	
Kansas City, Mo.....	39		34	.42	1.41	
Concordia, Kans.....	36	9		.38	1.10	
Omaha, Nebr.....	33		4	.25	.26	
Valentine, Nebr.....	30	40		.21		.15
Huron, S. Dak.....	24	54		.14	.03	
Pierre, S. Dak. †.....	26			.14		
Extreme Northwest:						
Moorhead, Minn.....	16	72		.14	.08	
Bismarck, N. Dak.....	20	74		.21	.04	
Buford, Fort. N. Dak. †.....	20			.07		
Rocky Mountain Slope:						
Assiniboine, Fort, Mont.....	26	104		.14		.06
Helena, Mont.....	31	84		.14		.13
Salt Lake City, Utah.....	40	35		.42		.42
Cheyenne, Wyo.....	33	25		.14		.04
North Platte, Nebr.....	34	23		.14		.10
Denver, Colo.....	38	11		.14		.07
Montrose, Colo. †.....	37			.07		
Pueblo, Colo.....	40	27		.07	.07	
Dodge City, Kans.....	40		23	.14	.64	
Abilene, Tex.....	54		36	.28	.48	
Santa Fé, N. Mex. †.....	38			.07		
Pacific Coast:						
Olympia, Wash.....	43	48		1.33		1.33
Portland, Oreg.....	47	33		1.57		1.57
Roseburg, Oreg.....	47	35		.77		.77
Red Bluff, Cal. †.....	54			.77		
Sacramento, Cal. †.....	55			.77		
San Francisco, Cal.....	54	55		.77		.77
Los Angeles, Cal.....	57	21		.86		.86
San Diego, Cal. †.....	57			.39		
Yuma, Ariz. †.....	64			.07		

*The figures in these columns represent the accumulated excess or deficiency of the week. To obtain the average daily departure these should be divided by seven.

† Reports missing.

FOREIGN.

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

BRAZIL—Ceara—Yellow fever.—Month of January, 1892. Population, 35,065. Total deaths, 133, including 2 from yellow fever.

Santos—Yellow fever and smallpox.—The United States consul, under date of February 2, reports 279 deaths from yellow fever and 26 deaths from smallpox during the three weeks ended January 30, 1892.

CUBA—Cienfuegos.—Month of February, 1892. Population, 20,000. Total deaths, 69, including yellow fever 3 and enteric fever 1.

Havana.—Under date of March 4, 1892, the United States sanitary inspector reports as follows :

There were 517 deaths in this city during the month of February, 1892. Ten of those deaths were caused by yellow fever, 9 by enteric fever, 1 by bilious fever, 4 by so-called pernicious fever, 3 by paludal fever, 5 by diphtheria and croup, 9 by the grippe, and 1 by glanders. Four of the 10 deaths from yellow fever occurred in the military hospital. The weather is variable, but cool, dry, and dusty.

ECUADOR—Guayaquil—Yellow fever.—Under date of February 27, the United States vice-consul-general reports 31 deaths from yellow fever during the two weeks ended February 21, 1892.

GREAT BRITAIN—England and Wales.—The deaths registered in 28 great towns of England and Wales during the week ended February 27 corresponded to an annual rate of 23.4 a thousand of the aggregate population, which is estimated at 9,405,108. The lowest rate was recorded in Croydon, viz, 14.2, and the highest in Burnley, viz, 34.0 a thousand.

London.—One thousand eight hundred and twenty-nine deaths were registered during the week, including measles, 68; scarlet fever, 16; diphtheria, 30; whooping cough, 69; enteric fever, 7; and diarrhoea and dysentery, 17. The deaths from all causes corresponded to an annual rate of 22.4 a thousand. Diseases of the respiratory organs caused 461 deaths. In greater London 2,261 deaths were registered, corresponding to an annual rate of 20.5 a thousand of the population. In the "outer ring" the deaths included diphtheria, 12; whooping cough, 17; and measles, 7.

Newcastle-upon-Tyne.—Two weeks ended February 20, 1892. Population, 192,205. Total deaths, 166, including diphtheria 2.

Sunderland.—Two weeks ended February 20, 1892. Population, 132,839. Total deaths, 93, including enteric fever 1 and scarlet fever 3.

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

districts of Ireland, was 33.3 a thousand of the population. The lowest rate was recorded in Londonderry, viz, 12.6, and the highest in Galway, viz, 75.6 a thousand. In Dublin and suburbs 265 deaths were registered, including enteric fever, 4; scarlet fever, 2; measles, 3; typhus, 1; and whooping cough, 8.

Scotland.—The deaths registered in 8 principal towns during the week ended February 27 corresponded to an annual rate of 22.8 a thousand of the population, which is estimated at 1,447,584. The lowest mortality was recorded in Leith, viz, 12.6, and the highest in Greenock, viz, 25.6 a thousand. The aggregate number of deaths registered from all causes was 635, including measles, 16; scarlet fever, 2; diphtheria, 9; whooping cough, 24; and fever, 5.

GUIANA—*Paramaribo.*—Month of January, 1892. Population, 28,221. Total deaths, 92, including typhus fever 1 and diphtheria 1.

JAMAICA—*Kingston.*—Under date of February 20, 1892, the United States deputy consul reports 1 case of yellow fever as having occurred in the garrison on the 17th instant.

NETHERLANDS—*Amsterdam.*—Month of December, 1891. Population, 417,542. Total deaths not reported. Enteric fever caused 3 deaths, scarlet fever 1 death, and diphtheria 14 deaths.

ST. HELENA.—Three weeks ended January 22, 1892. Population, 3,900. Total deaths, 4. No deaths reported from contagious disease.

TURKEY IN ASIA—*Syria—Disappearance of cholera.*—Under date of February 17, 1892, the United States consul reports that there were no new cases of cholera and no deaths therefrom in the vilayets of Beirut and Syria during the week ended on that date.

WEST INDIES—*Trinidad.*—Three weeks ended February 6, 1892. Population, 189,566. Total deaths, 97. No deaths from contagious disease.

MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated popula- tion.	Total deaths from all causes.	Deaths from—									
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.	
Matamoras.....	Mar. 4.....	12,000	8										
Sonneberg	Feb. 20.....	12,000	9										
Guelph	Mar. 5.....	10,539	6										
Port Stanley and St. Thomas.	Feb. 5.....	10,500	3										
Port Stanley and St. Thomas.	Feb. 12.....	10,500	2										
Port Stanley and St. Thomas.	Feb. 19.....	10,500	1										
Port Stanley and St. Thomas.	Feb. 20.....	10,500	1										
Tuxpan	Feb. 20.....	10,280	6										
Chatham	Mar. 5.....	10,000	3										
Tampico.....	Feb. 28.....	8,048	15										
Coaticook.....	Mar. 5.....	3,082	2										
Amherstburg.....	Mar. 5.....	2,260	1										

OFFICIAL :

WALTER WYMAN,

Supervising Surgeon-General Marine-Hospital Service.