

# ABSTRACT OF SANITARY REPORTS.

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## UNITED STATES.

### SPECIAL REPORTS.

*Smallpox—Harris Neck, Georgia.*—Passed Assistant Surgeon White reports, by telegram, dated December 5, 1891, as follows :

Vaccination of inhabitants of Harris Neck completed. Hospital buildings to be occupied Tuesday ; will then disinfect all residences and concentrate on four acres. Epidemic well under control.

*Rules and regulations of the board of health relating to quarantine inspection at Portland, Me.*

From and after this date the following rules and charges will be enforced at this port :

1. All vessels arriving at this port with plague, cholera, smallpox, yellow fever, typhus fever, or other contagious disease on board, or having had the same during the voyage, must be directed by the pilot or harbor master to anchor on quarantine ground and remain there until released by written order of the board.

2. Any vessel arriving from a foreign port, with or without sickness on board, and not having a clean bill of health from consular officer at port of clearance, will be directed by the pilot or harbor master to anchor at quarantine and remain until released by written order of the board.

3. All vessels or steamships arriving from European or Asiatic ports will be compelled to anchor at quarantine and remain until inspected under direction of, and released by written order of, the board, unless special permission shall be given in writing to allow any such vessel to come to its wharf for inspection there, in which case no person shall enter or leave the vessel until permitted by written order of the board. \* \* \*

### *Leprosy.*

Dr. Benjamin Lee, secretary, transmits the following resolution, adopted at a regular meeting of the State board of health of Pennsylvania, held at Harrisburg November 13, 1891 :

*Resolved,* That in view of the evident lack of sanitary precaution and humane provision in regard to persons suffering from leprosy in

this State, and in the United States, the secretary be requested to investigate the subject and report as to the appropriate means for remedying this evil at the next regular meeting of the board: *And further*, That he be authorized to communicate with the President of the United States, and with the Supervising Surgeon-General of the United States Marine-Hospital Service, urging the importance of bringing this matter before Congress at an early date.

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

CALIFORNIA—*Los Angeles*.—Month of November, 1891. Population, 65,000. Total deaths, 61, including phthisis pulmonalis, 10; enteric fever, 1; diphtheria, 1; and croup, 1.

INDIANA—*Evansville*.—Month of November, 1891. Population, 50,756. Total deaths, 66, including phthisis pulmonalis, 7; diphtheria, 12; enteric fever, 4; scarlet fever, 1; and whooping cough, 1.

IOWA—*Keokuk*.—Month of November, 1891. Population, 18,589. Total deaths, 22, including phthisis pulmonalis, 1; diphtheria, 3; and croup, 1.

LOUISIANA—*Shreveport*—*Scarlet fever*.—Under date of December 1, 1891, Acting Assistant Surgeon Booth reports 1 case of scarlet fever in a boarding-house in Shreveport.

MASSACHUSETTS—*Brockton*.—Month of November, 1891. Population, 27,278. Total deaths, 35, including phthisis pulmonalis 1 and croup 1.

MICHIGAN.—Month of November, 1891. Reports to the State board of health, Lansing, from 202 observers, compared with the preceding month, indicate that membranous croup, measles, puerperal fever, erysipelas, and inflammation of kidneys increased, and that cholera infantum, cholera morbus, dysentery, typho-malarial fever, cerebro-spinal meningitis, typhoid fever, scarlet fever, and diarrhoea decreased in prevalence.

Compared with the average for the month of November in the five years 1886-1890, inflammation of bowels and inflammation of kidneys were more prevalent, and smallpox, measles, cerebro-spinal meningitis, typho-malarial fever, scarlet fever, puerperal fever, and cholera infantum were less prevalent in November, 1891.

Including reports by regular observers and others, diphtheria was reported present in the month of November, 1891, at 85 places; scarlet fever, 74; typhoid fever, 118; and measles at 12 places.

Reports from all sources show diphtheria reported at 3 places more; scarlet fever, 8 places more; typhoid fever, 24 places less; and measles at 3 places more than in the preceding month.

GRAND RAPIDS.—Month of November, 1891. Population, 85,000. Total deaths, 92, including phthisis pulmonalis, 13; enteric fever, 8; scarlet fever, 2; and diphtheria, 11.

NEW YORK.—Month of October, 1891. Reports to the State board of health from eight districts, including New York City, Brooklyn, and 142 other cities, towns, and villages, show a total of 9,718 deaths, including phthisis pulmonalis, 1,124; enteric fever, 200; scarlet fever, 118; croup and diphtheria, 527; measles, 36; and whooping cough, 54. There has been an increase in the mortality from diphtheria from 334 deaths to 527; in October, 1890, there were 370 deaths. This is not due to widespread prevalence of the disease, deaths being reported from but twenty-one localities not specified in the *Bulletin*; 5.42 per cent. of the entire mortality in the State was from diphtheria, while but 2.31 occurred in rural towns, showing the increase to be in the cities and large villages. No new epidemic occurrences have been reported. The deaths from typhoid fever are the same as last month, and there is no increase in other contagious and infectious diseases. During November there has been reported the occurrence of smallpox at Kingston, where two cases have developed, having probably been contracted in Vermont, and also in the town of Seneca several cases have been caused by an emigrant from a German steamer on which it existed. Both of these outbreaks are thought to be under control. Acute respiratory diseases show an increase from 720 deaths in September to 1,012; there is an increase in deaths from consumption and also from diseases of the circulatory system.

OHIO—*Cincinnati*.—Month of November, 1891. Population, 296,908. Total deaths, 516, including phthisis pulmonalis, 62; enteric fever, 22; scarlet fever, 11; diphtheria, 38; croup, 8; and whooping cough, 1.

TEXAS—*El Paso*—*Vaccination of immigrants*.—The United States sanitary inspector, under date of November 30, 1891, states that during the month of November he has vaccinated 34 children of Mexican families, immigrants into the United States.

VIRGINIA—*Lynchburg*.—Month of November, 1891. Population, 24,000. Total deaths, 43, including phthisis pulmonalis, 6; enteric fever, 4; croup, 1; and whooping cough, 1.

*Publication received.*

Annual report of the State board of health of Missouri for 1890.

[illegible]

Table of temperature and rainfall, week ended December 4, 1891.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Mean temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
<b>New England States:</b>						
Eastport, Me.....	32		17	1.01		.64
Portland, Me.....	29	22		.90		.76
Boston, Mass.....	38		10	.93		.89
Block Island, R. I.....	41		13	.87		.75
<b>Middle Atlantic States:</b>						
Albany, N. Y.....	35		19	.67	.17	
New York, N. Y.....	40		21	.73		.26
Philadelphia, Pa.....	41		19	.66		.23
Atlantic City, N. J.....	41		20	.84		.46
Baltimore, Md.....	42		20	.73		.13
Washington, D. C.....	42		23	.63		.19
Lynchburg, Va.....	44		27	.77	.86	
Norfolk, Va.....	48		34	.81	.65	
<b>South Atlantic States:</b>						
Charlotte, N. C.....	48		39	.95		.07
Wilmington, N. C.....	53		29	.74		.29
Charleston, S. C.....	55		28	.74		.43
Augusta, Ga.....	52		38	.79	.02	
Savannah, Ga.....	56		32	.67		.29
Jacksonville, Fla.....	60		29	.63		.19
Key West, Fla.....	72		3	.47	.73	
<b>Gulf States:</b>						
Atlanta, Ga.....	49		47	1.05		.16
Pensacola, Fla.....	57		36	1.05		.12
Mobile, Ala.....	55		27	.98	.87	
Montgomery, Ala.....	53		24	1.02		.06
Vicksburg, Miss.....	54		9	1.15		.34
New Orleans, La.....	59		41	1.05		.79
Shreveport, La.....	53		31	1.12		.46
Fort Smith, Ark.....	47		26	.73		.45
Little Rock, Ark.....	49		47	1.22		.03
Palestine, Tex.*.....	54		21	.93		.45
Galveston, Tex.....	61		19	1.05		.96
San Antonio, Tex.....	56		2	.45		.45
Corpus Christi, Tex.....	61		4	.57		.57
Brownsville, Tex.....	65		3	.49		.45
Rio Grande City, Tex.....	63		8	.25		.24
<b>Ohio Valley and Tennessee:</b>						
Memphis, Tenn.....	48		39	.88		.17
Nashville, Tenn.....	46		40	.80	.47	
Chattanooga, Tenn.....	47		39	1.01	1.07	
Knoxville, Tenn.....	44		20	.87	.26	
Louisville, Ky.....	43		30	.91		.39
Indianapolis, Ind.....	38		31	.80		.54
Cincinnati, Ohio.....	41		26	.77		.41
Columbus, Ohio.....	38		30	.73		.20
Pittsburg, Pa.....	40		8	.58	.67	
<b>Lake Region:</b>						
Oswego, N. Y.....	34		23	.82	.60	
Rochester, N. Y.....	34		4	.63	1.02	
Buffalo, N. Y.....	35		11	.80	.41	
Erie, Pa.....	38		24	.89	.05	
Cleveland, Ohio.....	36		10	.63	.17	
Sandusky, Ohio.....	37		12	.66	.17	
Toledo, Ohio.....	36		27	.59		.30
Detroit, Mich.....	36		39	.63		.25
Port Huron, Mich.....	33		15	.56		.00
Alpena, Mich.....	30	11		.59		.20
Marquette, Mich.....	28		3	.56		.22
Grand Haven, Mich.....	34	0	0	.63		.26
Milwaukee, Wis.....	29		10	.42	.01	
Chicago, Ill.....	31		23	.56		.41
Duluth, Minn.....	24		4	.35	1.59	
<b>Upper Mississippi Valley:</b>						
St. Paul, Minn.....	26		24	.28	.25	
La Crosse, Wis.....	30		16	.35	.77	
Dubuque, Iowa.....	31		32	.45	.64	
Davenport, Iowa.....	34		44	.42	.14	
Des Moines, Iowa.....	32		22	.35		.01
Keokuk, Iowa.....	36		23	.42		.02
Springfield, Ill.....	38		44	.63	.34	
Cairo, Ill.....	44		38	.80		.32
St. Louis, Mo.....	41		34	.59	.32	

Table of temperature and rainfall, week ended December 4, 1891—Continued.

Locality.	Mean temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
<b>Missouri Valley:</b>						
Springfield, Mo.....	41		35	.73	.22	
Kansas City, Mo.....	38		14	.49	.03	
Concordia, Kans.....	37	22		.24		.22
Omaha, Nebr.....	33	6		.28		.09
Valentine, Nebr.....	32	21		.07		.02
Huron, S. Dak.....	25		8	.11		.06
Pierre, S. Dak.....	27	9		.07	.37	
<b>Extreme Northwest:</b>						
Moorhead, Minn.*.....	18			.14		
Bismarck, N. Dak.....	21	4		.20	.12	
Buford, Fort, N. Dak. *.....	20			.11		
<b>Rocky Mountain Slope:</b>						
Assinniboine, Fort, Mont.*.....	25			.21		
Helena, Mont.....	28	48		.18		.05
Salt Lake City, Utah.....	37	30		.35	.36	
Cheyenne, Wyo.....	32	8		.03	.10	
North Platte, Nebr.....	32	39		.14		.10
Denver, Colo.....	37	4		.14	.14	
Montrose, Colo.....	32	29		.16		.08
Pueblo, Colo.....	37	25		.07		.03
Dodge City, Kans.....	37	43		.18		.14
Abilene, Tex.....	50	6		.54		.46
Santa Fé, N. Mex.....	35		5	.21		.07
<b>Pacific Coast:</b>						
Olympia, Wash.....	43	2		2.14		.60
Portland, Oreg.....	44	15		1.71	1.33	
Roseburg, Oreg.....	45	5		1.25	2.19	
Red Bluff, Cal.†.....	50			1.03		
Sacramento, Cal.†.....	51			.81		
San Francisco, Cal.....	54	7		.96	.70	
Los Angeles, Cal.....	58		2	.75		.17
San Diego, Cal.†.....	58			.40		
Yuma, Ariz.†.....	60			.14		

\* Report not in.

† Missing.

## FOREIGN.

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

**BRAZIL—Ceara.**—Month of October, 1891. Population, 35,065. Total deaths, 119. No deaths reported from contagious diseases.

**CANADA—Smallpox.**—Under date of December 2, 1891, the secretary of the board of health of the Province of Quebec furnishes the following statement:

Counties.	Municipalities.	Cases since outbreak.	Deaths.	Recovered.	Still sick.
.....	Quebec City.....	5	3	2	0
Bonaventure.....	Carleton.....	9	1	8	0
Do.....	Shoolbred and Nouvelle.....	3	0	3	0
Rimouski.....	St. Damase.....	17	5	11	1
Temiscouata.....	St. Paul de la Croix.....	60	10	50	0
Do.....	St. Clement.....	8	0	8	0
Do.....	Ile Verte.....	1	1	0	0
Gaspe.....	Pabos.....	6	1	5	0
Do.....	Newport.....	6	2	2	2
Sherbrooke.....	Ascot.....	8	3	1	4
Do.....	Sherbrooke City.....	8	2	1	5
Quebec.....	La Jeune Lorette.....	4	0	4	0

The Lanzon case, previously reported, turned out to be varicella only.

**GREAT BRITAIN—England and Wales.**—The deaths registered in 28 great towns of England and Wales during the week ended November 21 corresponded to an annual rate of 20.7 a thousand of the aggregate population, which is estimated at 9,405,108. The lowest rate was recorded in Huddersfield, viz, 11.5, and the highest in Sunderland, viz, 31.4 a thousand.

**London.**—One thousand six hundred and twenty-nine deaths were registered during the week, including measles, 49; scarlet fever, 13; diphtheria, 30; whooping cough, 60; enteric fever, 13; and diarrhoea and dysentery, 21. The deaths from all causes corresponded to an annual rate of 18.7 a thousand. Diseases of the respiratory organs caused 394 deaths. In greater London 2,028 deaths were registered, corresponding to an annual rate of 18.7 a thousand of the population. In the "outer ring" the deaths included whooping cough 19 and diphtheria 5.

**Newcastle-Upon-Tyne.**—Two weeks ended November 14, 1891. Population, 145,000. Total deaths, 172, including enteric fever, 1; scarlet fever, 1; and diphtheria, 2.

**Sunderland.**—Two weeks ended November 14, 1891. Population, 130,921. Total number of deaths, 155, including 7 from enteric fever and 1 from scarlet fever.

*Ireland.*—The average annual death rate represented by the deaths registered during the week ended November 21, in the 16 principal town districts of Ireland, was 28.7 a thousand of the population. The lowest rate was recorded in Drogheda, viz, 8.8, and the highest in Kilkenny, viz, 42.3 a thousand. In Dublin and suburbs 226 deaths were registered, including enteric fever, 12; typhus fever, 1; and measles, 1.

*Scotland.*—The deaths registered in 8 principal towns during the week ended November 21 corresponded to an annual rate of 31.2 a thousand of the population, which is estimated at 1,338,314. The lowest mortality was recorded in Paisley, viz, 21.0, and the highest in Perth, viz, 42.2 a thousand. The aggregate number of deaths registered from all causes was 802, including measles, 5; scarlet fever, 7; diphtheria, 6; whooping cough, 17; fever, 7; and diarrhœa, 9.

*Dundee.*—Month of September, 1891. During the month there were 260 deaths registered, representing an annual death rate of 20.36 per 1,000 of the population, and including phthisis pulmonalis, 25; enteric fever, 1; scarlet fever, 1; diphtheria, 1; and whooping cough, 4.

*GUIANA.—Parimariho.*—Month of October, 1891. Population, 28,221. Total deaths, 85, including 1 from typhus fever and 3 from leprosy.

*SWITZERLAND.*—Week ended November 14, 1891. Reports from 15 cities, having an aggregate population of 503,503, show a total of 181 deaths, including phthisis pulmonalis, 23; diphtheria and croup, 7; measles, 7; and whooping cough, 2.

*WEST INDIES—Port Royal—Yellow fever, etc.*—Under date of November 21, 1891, the United States deputy consul reports 2 cases of yellow fever received into the Royal Naval Hospital, both cases terminating fatally. No other cases reported.

MORTALITY TABLE, FOREIGN CITIES.

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.
London.....	Nov. 21.....	5,656,909	2,028	.....	.....	.....	.....	13	16	35	52	.....
Paris.....	Nov. 21.....	2,424,705	1,024	.....	.....	.....	.....	15	2	23	3	2
Glasgow.....	Nov. 21.....	567,143	375	.....	.....	.....	.....	5	5	1	.....	.....
Liverpool.....	Nov. 21.....	517,951	269	.....	1	.....	.....	1	.....	3	.....	.....
Buda-Pesth.....	Nov. 19.....	507,000	48	.....	.....	.....	1	.....	12	24	.....	.....
Brussels.....	Nov. 14.....	482,158	209	.....	.....	.....	.....	5	.....	.....	.....	.....
Lyons.....	Nov. 14.....	430,000	178	.....	.....	.....	.....	4	.....	8	.....	.....
Amsterdam.....	Nov. 14.....	417,542	170	.....	.....	.....	.....	1	.....	4	.....	.....
Munich.....	Nov. 7.....	349,000	181	.....	.....	.....	.....	.....	3	10	.....	.....
Copenhagen.....	Nov. 14.....	320,000	143	.....	.....	.....	.....	1	.....	15	.....	.....
Odessa.....	Nov. 14.....	295,000	188	.....	.....	.....	.....	5	.....	4	.....	.....
Cologne.....	Nov. 21.....	288,266	148	.....	.....	.....	.....	.....	.....	5	8	3
Dresden.....	Nov. 7.....	276,523	94	.....	.....	.....	.....	1	.....	8	.....	.....



## MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—								
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Barcelona .....	Nov. 20....	272,000	140					12		8		
Belfast.....	Nov. 21....	255,896	140					5	2	3		
Palermo.....	Nov. 14....	250,000	85					1				
Antwerp.....	Nov. 21....	238,788	103					3		3		
Bremen.....	Nov. 14....	225,700	56									
Bristol.....	Nov. 21....	222,049	104						1	1		
Rotterdam.....	Nov. 21....	209,134	85									
Prague.....	Nov. 14....	182,540	106			5			3	3		
Genoa.....	Nov. 21....	181,530	81				2				1	
Frankfort-on-the-Main.....	Nov. 14....	179,850	51					1		3		
Venice.....	Oct. 31....	158,288	55					1				
Venice.....	Nov. 7....	158,288	72					1				
Trieste.....	Nov. 14....	158,054	131					1			8	
Ghent.....	Nov. 14....	152,395	59					1		1		2
Christiania.....	Nov. 14....	151,130	47							1		
Nuremberg.....	Nov. 7....	149,507	73							2		
Stuttgart.....	Nov. 21....	139,659	49							4		
Crefeld.....	Nov. 21....	108,000	65									
Gothenburg.....	Nov. 14....	106,246	42									
Aix-la-Chapelle.....	Nov. 13....	105,991	48									
Leghorn.....	Nov. 8....	103,762	61									
Zurich.....	Nov. 14....	91,323	68						2	6	56	1
Mayence.....	Nov. 7....	72,281	24							1		
Mayence.....	Nov. 14....	72,281	16							2		
Jerez de la Frontera.....	Nov. 14....	61,708	39			2				7		
Trapani.....	Nov. 14....	43,095	11									
Cienfuegos.....	Nov. 22....	41,647	19		1							
Marsala.....	Nov. 14....	40,131	30									
Guayaquil.....	Nov. 13....	40,000	43		7							
Curacao.....	Nov. 21....	26,245	5									
Gibraltar.....	Nov. 15....	25,755	7									
Schiedam.....	Nov. 21....	25,437	7									
Vera Cruz.....	Nov. 27....	25,000	10					1				
Girgenti.....	Nov. 14....	23,947	11		5					4		
Licata.....	Nov. 14....	20,000	10					1				
Sagua la Grande.....	Nov. 21....	18,109	13									
St. John's, W. I.....	Nov. 21....	16,664	17									
Victoria.....	Nov. 14....	16,200	8									
Victoria.....	Nov. 21....	16,200	7									
Kingston, Can.....	Nov. 27....	14,264	8									
Kingston, Can.....	Dec. 4....	14,264	7									
Flushing.....	Nov. 21....	13,200	1									
Matamoros.....	Nov. 27....	12,000	6									
Sonneberg.....	Nov. 21....	12,000	2									
Guelph.....	Nov. 28....	10,539	2									
Port Stanley and St. Thomas.....	Nov. 4....	10,500	1									
Port Stanley and St. Thomas.....	Nov. 11....	10,500	1									
Queenstown.....	Nov. 21....	10,340	5									
Paso del Norte.....	Nov. 21....	10,000	6							1		
Tuxpan.....	Nov. 7....	9,000	10									
Tuxpan.....	Nov. 14....	9,000	8									
Tuxpan.....	Nov. 21....	9,000	13									
Tampico.....	Nov. 29....	8,048	14									
La Guayra.....	Nov. 14....	7,641	2									
Port Sarnia.....	Nov. 28....	6,600	2									
Clifton.....	Nov. 28....	3,249	1									
Coaticook.....	Nov. 21....	3,082	4							2		
Coaticook.....	Nov. 28....	3,082	1									
Butaritari.....	Aug. 8....	3,000	1									
Butaritari.....	Aug. 22....	3,000	1									
Butaritari.....	Sept. 5....	3,000	1									
Butaritari.....	Sept. 12....	3,000	1									
Butaritari.....	Sept. 19....	3,000	1									
Livingston.....	Nov. 17....	3,000	5									
Amherstburg.....	Nov. 14....	2,279	2									
Amherstburg.....	Nov. 28....	2,279	1									
Punta Arenas.....	Oct. 10....	2,000	10									
Punta Arenas.....	Oct. 17....	2,000	3									
Punta Arenas.....	Oct. 24....	2,000	8									
Punta Arenas.....	Oct. 31....	2,000	3									

OFFICIAL:

WALTER WYMAN,

Supervising Surgeon General Marine-Hospital Service.