

ABSTRACT OF SANITARY REPORTS.

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No. 2.

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UNITED STATES.

SPECIAL REPORTS.

GEORGIA—*Savannah—Smallpox.*—The health officer, Dr. W. F. Brunner, under date of January 2, 1891, reports two cases of smallpox in this city. He says:

The Spanish steamer *Miguel Pinnilos* is supposed to be the source of infection. This vessel is a steamer used at times for conveying passengers from Spain to Cuba, going from there to the cotton ports in America. The first case was a child, who had taken dinner on the steamer eleven days before she was taken sick. The second, a man who had been engaged several times on the *Pinnilos*, delivering cotton from a lighter. Both cases have been quarantined and measures taken to vaccinate all persons in the immediate vicinity. The steamer *Miguel Pinnilos* arrived here from Havana on November 25 and sailed for Barcelona December 20.

TEXAS—*Galveston—Smallpox.*—Assistant Surgeon C. P. Wertenbaker reports one case of smallpox at Galveston.

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

CALIFORNIA.—Month of November, 1890. Reports to the State board of health from 103 cities and towns, having an estimated population of 752,739, show a total of 1,132 deaths, including phthisis pulmonalis, 157; enteric fever, 37; smallpox, 1; scarlet fever, 5; diphtheria, 58; croup, 38; and whooping cough, 2. The *Monthly Bulletin* says:

Reports from over one hundred localities in different parts of the State indicate a general increase of sickness throughout. There does not appear to be any epidemic prevailing, if we except a decided frequency of throat affections, especially tonsillitis, membranous angina, and diphtheria. The frequency of diseases of the respiratory system is also noticed, and an apparent tendency to the reappearance of epidemic.

CONNECTICUT—*New Haven.*—Month of September, 1890. Population, 86,000. Total deaths, 108, including phthisis pulmonalis, 14; enteric fever, 3; scarlet fever, 1; diphtheria and croup, 5; and whooping cough, 2.

Month of October, 1890. Total deaths 124, including phthisis pulmonalis, 25; enteric fever, 9; and diphtheria and croup, 10.

Table of temperature and rain-fall, week ended January 2, 1891.

[Received from War Department, Signal Office.]

Locality.	Mean temperature in degrees Fahrenheit.			Rain-fall in inches and hundredths.		
	Normal.	Excess	Deficiency.	Normal.	Excess.	Deficiency.
New England States:						
Eastport, Me.....	24		75	.94	.29	
Portland, Me.....	22		67	.74	.85	
Boston, Mass.....	29		47	.83	.65	
Block Island, R. I.....	33		42	.93	.30	
Middle Atlantic States:						
Albany, N. Y.....	27		74	.61		.24
New York, N. Y.....	31		7	.76	1.32	
Philadelphia, Pa.....	33		11	.62	.03	
Atlantic City, N. J.....	34		5	.96	.33	
Baltimore, Md.....	36		26	.70		.17
Washington, D. C.....	34		9	.69		.22
Lynchburg, Va.....	37		16	.87		.28
Norfolk, Va.....	41	8		.88		.38
South Atlantic States:						
Charlotte, N. C.....	41	24		1.18		.71
Wilmington, N. C.....	46	7		.83		.51
Charleston, S. C.....	49	10		.85		.51
Augusta, Ga.....	47	12		.88		.68
Savannah, Ga.....	50	8		.81		.71
Jacksonville, Fla.....	54	3		.75		.71
Key West, Fla.....	69		28	.40		.40
Gulf States:						
Atlanta, Ga.....	43	6		1.24		.75
Pensacola, Fla.....	51	9		1.15		1.06
Mobile, Ala.....	51	6		1.06		.54
Montgomery, Ala.....	47	21		1.14		.54
Vicksburg, Miss.....	47	34		1.22		.70
New Orleans, La.....	54	3		1.12		1.08
Shreveport, La.....	45	46		1.13		1.07
Fort Smith, Ark.....	37	62		.56		.15
Little Rock, Ark.....	42	38		1.02		.23
Palestine, Tex.....	45	56		1.78		.68
Galveston, Tex.....	54	26		1.02		1.02
San Antonio, Tex.....	49	70		.39		.35
Corpus Christi, Tex.....	52	70		.77		.70
Brownsville, Tex.....	56	70		.44		.40
Rio Grande City, Tex.....	55	70		.26		.20
Ohio Valley and Tennessee:						
Memphis, Tenn.....	39	58		.95	.29	
Nashville, Tenn.....	40	32		1.90	.65	
Chattanooga, Tenn.....	42	23		1.25		.52
Knoxville, Tenn.....	38	22		1.07		.29
Louisville, Ky.....	36	24		.95	.58	
Indianapolis, Ind.....	31	23		.76	.08	
Cincinnati, Ohio.....	34	14		.82		.21
Columbus, Ohio.....	31	7		.77		.07
Pittsburgh, Pa.....	32	6		.66	.22	
Lake Region:						
Oswego, N. Y.....	28		55	.78		.09
Rochester, N. Y.....	27	22		.67	.26	
Buffalo, N. Y.....	28		2	.76	.17	
Erie, Pa.....	30		2	.78	0	0
Cleveland, Ohio.....	29	16		.63	.52	
Sandusky, Ohio.....	30	17		.59	.19	
Toledo, Ohio.....	29	20		.54	0	0
Detroit, Mich.....	28	8		.60	.38	
Port Huron, Mich.....	26	8		.52	1.14	
Alpena, Mich.....	21	10		.55	.65	
Marquette, Mich.....	20	15		.46	1.27	
Grand Haven, Mich.....	28	24		.58	1.27	
Milwaukee, Wis.....	22	58		.45	1.02	
Chicago, Ill.....	24	64		.50	1.50	
Duluth, Minn.....	13	65		.29		.23
Upper Mississippi Valley:						
St. Paul, Minn.....	14	79		.29	.11	
La Crosse, Wis.....	19	77		.31	.17	
Davenport, Iowa.....	24	65		.38	1.49	
Des Moines, Iowa.....	20	97		.34	.59	
Dubuque, Iowa.....	21	70		.41	.59	
Keokuk, Iowa.....	25	76		.46	1.55	
Springfield, Ill.....	30	44		.63		.09
Cairo, Ill.....	36	42		.81	.03	
St. Louis, Mo.....	32	54		.54	.31	

Table of temperature and rain-fall, week ended January 2, 1891—Continued.

Locality.	Mean temperature in degrees Fahrenheit.			Rain-fall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
Missouri Valley:						
Kansas City, Mo.....	27	75	.....	.33	1.11	.....
Springfield, Mo.....	29	88	.....	.43	.23	.....
Concordia, Kan.....	24	80	.....	.16	.....	.04
Omaha, Nebr.....	20	99	.....	.20	.05	.....
Yankton, Dak.....	13	121	.....	.16	.....	.05
Valentine, Nebr.....	19	90	.....	.10	.10	.....
Huron, Dak.....	11	98	.....	.09	.....	.09
Extreme Northwest:						
Moorhead, Minn.....	4	84	.....	.14	0	0
St. Vincent, Minn.....	.....	.....	.....	.12	.....	.12
Bismarck, Dak.....	6	144	.....	.17	.....	.13
Buford, Fort, Dak.....	4	154	.....	.17	.....	.17
Rocky Mountain Slope:						
Assiniboine, Fort, Mont.....	7	195	.....	.16	.....	.16
Helena, Mont.....	16	98	.....	.28	.....	.20
Custer, Fort, Mont.....	11	126	.....	.22	.....	.10
Rapid City, Dak.....	19	127	.....	.07	.....	.05
Salt Lake City, Utah.....	29	56	.....	.33	.....	.20
Cheyenne, Wyo.....	24	70	.....	.06	.....	.02
North Platte, Nebr.....	18	106	.....	.16	.....	.15
Denver, Colo.....	26	78	.....	.14	.....	.14
Dodge City, Kans.....	25	95	.....	.16	.....	.04
Sill, Fort, Ind. T.....	.....	.....	.....	.39	.....	.39
Santa Fé, N. Mex.....	28	35	.....	.15	.19	.....
Pacific Coast:						
Olympia, Wash.....	37	42	.....	2.13	.....	1.40
Portland, Oreg.....	39	28	.....	1.85	.....	.40
Roseburg, Oreg.....	40	42	.....	1.48	.....	.80
Red Bluff, Cal.....	45	0	0	1.14	.....	.90
Sacramento, Cal.....	45	.....	14	.91	.....	.40
San Francisco, Cal.....	51	.....	14	1.10	.....	.10
Los Angeles, Cal.....	53	42	.....	.76	.....	.60
San Diego, Cal.....	54	42	.....	.48	.....	.48
Yuma, Ariz.....	54	28	.....	.08	.....	.08

FOREIGN.

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

SPECIAL REPORTS.

*Sanitary Commission at Constantinople—Report of U. S. commissioner.*CONSTANTINOPLE, *December 8, 1890.*

SIR: I have the honor to submit Report No. 12, of Doctor Saritziano, representative of this legation on the Sanitary Commission of Constantinople.

I have the honor, etc.,
 Hon. JAMES G. BLAINE, *Washington, D. C.* SOLOMON HIRSCH.

[Inclosure.]

Sanitary Report No. 12.

Since my last report 14 deaths from cholera have occurred at Adana. The epidemic at present is not raging as before. Perhaps we must attribute this to the approaching winter.

At Mersine from the 21st to the 30th of November there was only 1 death. Official reports state that all the surrounding places are in healthy state. We hope that this is true. By force all the surrounding vilayets have taken the necessary measures to prevent the spreading of the epidemic. These measures are cordons and quarantines. There is a great confusion in trade. Every place defends itself against the neighboring places with quarantine, in which travelers are obliged to wait ten days. So, for instance, the authorities of Adana will not allow travelers from Mersine to enter their city previously to having undergone ten days' quarantine. The same thing happens with travelers from Adana to Mersine. Nevertheless, the first man who died from cholera at Mersine had undergone a ten days' quarantine at Payas.

There are no fresh attacks at Aleppo, but in various villages of that vilayet new cases are continuously occurring. Up to the 29th of November, 1,702 deaths had occurred in all the vilayet.

To the south we know only what happens in the large towns, as Adana, and shows where from the 18th to the 20th 1,155 deaths occurred.

Besides the large quarantine between Beyrout and Anamour to the north of Alexandretta, every city between these two points is under quarantine against the neighboring place. It is easy, therefore, to fancy what an encumbrance is made to trade. All that population is to be pitied, being under the havoc of the epidemic and not being able to trade on account of quarantine.

I do not know if it is wise to express the hope that cholera will not spread further.

There exists in Constantinople besides smallpox, scarlet fever, which, without being an epidemic, the cases are numerous enough to state that it is not sporadic. This dreadful sickness presents the lightest form, spreading nearly without fever and very frequently without eruption, or so light an eruption that it is hardly evident. It is not rare to decide on a case of scarlet fever other than by the consequent nephritis.

Typhoid fever also exists, but the attacks are less numerous than those of scarlet fever.

SPIRIDION C. SARITZIANO.

CONSTANTINOPLE, *December 8, 1890.*

AUSTRALIA—*Brisbane*.—Month of September, 1890. Population, 73,649. Total deaths, 155, including enteric fever, 2; scarlet fever, 14; and diphtheria, 3.

BRAZIL—*Bahia*.—Under date of December 3, 1890, the United States consul reports the health of this city and adjacent country as good, with no diseases of any kind prevalent.

Maceio.—Month of October, 1890. Population, 17,000. Total deaths, 36. No deaths reported from contagious diseases.

Para.—Month of November, 1890. Population, 100,000. Total deaths, 164, including phthisis pulmonalis, 20; leprosy, 3; yellow fever, 1; and typhus fever, 4.

Pernambuco—*Smallpox*.—Week ended November 18, 1890. Population, 200,000. Total deaths, 74, including 20 from smallpox.

Week ended November 25, 1890. Total deaths, 78, including 21 from smallpox.

CUBA—*Havana*.—Week ended December 25, 1890. Total deaths, 121, including yellow fever, 3 (5 new cases); enteric fever, 2; so-called pernicious fever, 1; diphtheria, 1; and measles, 2.

Santiago de Cuba.—Two weeks ended December 15, 1890. Total deaths, 55, including yellow fever 4 and phthisis pulmonalis 9.

DUTCH GUIANA—*Parimaribo*.—Month of October, 1890. Population, 28,221. Total deaths, 76.

EGYPT.—Week ended December 11, 1890. Total deaths, 786, including phthisis pulmonalis, 62; enteric fever, 24; diphtheria and croup, 4; and whooping cough, 7.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 28 great towns of England and Wales during the week ended December 20 corresponded to an annual rate of 25.1 a thousand of the aggregate population, which is estimated at 9,715,559. The lowest rate was recorded in Leicester, viz, 15.2, and the highest in Manchester, viz, 31.9 a thousand. Diphtheria caused 5 deaths in Salford, 4 in Birmingham, and 2 each in Manchester, Liverpool, and Birkenhead.

London.—Two thousand two hundred and six deaths were registered during the week, including measles, 100; scarlet fever, 14; diphtheria, 32; whooping cough, 53; enteric fever, 16; and diarrhoea and dysentery, 13. The deaths from all causes corresponded to an annual rate of 26.0 a thousand. Diseases of the respiratory organs caused 753 deaths. In greater London 2,758 deaths were registered, corresponding to an annual rate of 15.9 a thousand of the population. In the "outer ring" the deaths included measles, 35; whooping cough, 10; and diphtheria, 8.

Newcastle-upon-Tyne.—Two weeks ended December 12, 1890. Population, 163,000. Total deaths from all causes, not reported. Scarlet fever caused 1 death and diphtheria 1.

Ireland.—The average annual death rate, represented by the deaths registered during the week ended December 20, in the 16 principal town districts of Ireland, was 26.9 a thousand of the population. The lowest rate was recorded in Armagh, viz, 10.3, and the highest in Lisburn, viz, 58.0 a thousand. In Dublin and suburbs 191 deaths were registered, including scarlet fever, 1; enteric fever, 4; diphtheria, 1; and whooping cough 1.

Scotland.—The deaths registered in eight principal towns during the week ended December 20 corresponded to an annual rate of 21.9 a thousand of the population, which is estimated at 1,345,563. The lowest mortality was recorded in Greenock, viz, 14.4, and the highest in Perth, viz, 28.1 a thousand. The aggregate number of deaths registered from all causes was 566, including measles, 11; scarlet fever, 10; diphtheria, 8; whooping cough, 12; fever, 6; and diarrhœa, 7.

JAPAN—Hiogo—Cholera.—The United States consul sends the following report, dated December 2, 1890:

	Cases.	Deaths.
Week ended November 8, 1890.....	3	2
15, 1890.....	1	1

SPAIN—Barcelona.—Month of November, 1890. Population, 272,000. Total deaths, 728, including cholera, 1; enteric fever, 75; and small-pox, 4.

SWITZERLAND.—Month of October, 1890. Reports from the principal cities and towns having an aggregate population of 480,388 show a total of 611 deaths, including phthisis pulmonalis, 86; typhus fever, 14; scarlet fever, 5; diphtheria and croup, 30; and measles, 2.

ZURICH.—Month of November, 1890. Population, 91,323. Total deaths, 96; including phthisis pulmonalis, 13; diphtheria and croup, 1; and whooping cough, 2.

TURKEY IN ASIA—Cholera.—The United States consul at Beirut, Syria, writes as follows, under dates of December 3, 8, 9, 15, and 16, 1890:

	Cases.	Deaths.
<i>Syria, Homs.</i> —Week ended November 29, 1890.....	0	144
December 6, 1890.....	0	40
December 15, 1890.....	0	9
<i>Aleppo.</i> —Week ended December 15, 1890.....	0	106
<i>Beirut.</i> —Week ended December 8, 1890.....	14	8
15, 1890.....	82	42

The epidemic is reported as entirely extinct in the city of Hama since November 23, 1890.

MORTALITY TABLE, FOREIGN CITIES.

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.	
London.....	Dec. 13.....	5,758,500	2,261					13	34	54	121		
Paris.....	Dec. 6.....	2,260,945	1,058			4		11	4	38	14		5
Paris.....	Dec. 13.....	2,260,945	1,070			1		20	4	34	21		3
Liverpool.....	Dec. 13.....	613,463	258					1	19	3			
Glasgow.....	Dec. 13.....	545,678	229						2	3			
Warsaw.....	Nov. 29.....	455,852	211			3		2	10	18			
Warsaw.....	Dec. 6.....	455,852	257			5		5	7	19			
Buda Pesth.....	Dec. 17.....	422,377	48						10	20			
Amsterdam.....	Dec. 6.....	406,402	201				1	2		5			
Amsterdam.....	Dec. 13.....	406,402	186						2	11			
Leipzig.....	Dec. 13.....	305,479	117						3	7			
Munich.....	Dec. 6.....	293,000	173						1	5			
Cologne.....	Dec. 6.....	282,537	124				1			14	4		4
Barcelona.....	Dec. 12.....	272,000	298			3		26		14			
Edinburgh.....	Dec. 6.....	271,135	95					3	1	3			
Edinburgh.....	Dec. 13.....	271,135	97										
Dresden.....	Dec. 6.....	269,000	106						3	9			
Antwerp.....	Dec. 13.....	232,418	139					1	1	1			
Bristol.....	Dec. 13.....	232,248	100					1	1				
Belfast.....	Dec. 13.....	232,222	109					1	2				
Prague.....	Dec. 6.....	188,992	111					2	3	3			
Frankfort-on-the-Main.....	Dec. 6.....	179,666	57			1			1	8			
Hanover.....	Dec. 6.....	163,000	43							7			
Konigsberg.....	Dec. 7.....	161,200								3			
Trieste.....	Dec. 6.....	158,054	67							2			
Nuremberg.....	Nov. 29.....	144,240	64						1	4			1
Elberfeld.....	Nov. 29.....	125,830	44							1			1
Elberfeld.....	Dec. 6.....	125,830	58				1			2			2
Stuttgart.....	Dec. 13.....	125,510	40							6			
Bremen.....	Dec. 6.....	124,900	37						2	4			
Barmen.....	Nov. 29.....	116,500	30							3			1
Barmen.....	Dec. 6.....	116,500	36								2		
Stettin.....	Dec. 6.....	116,000	56					3		5			
Danzig.....	Dec. 6.....	115,140	58					1		2			
Havre.....	Dec. 13.....	112,074	67					2					
Jeghorn.....	Dec. 14.....	103,723	54						1				
Zurich.....	Dec. 6.....	91,323	20						4	3			4
Zurich.....	Dec. 13.....	91,323	28					3		13	1		2
Messina.....	Dec. 14.....	79,971	43						3	5			
Leith.....	Dec. 6.....	78,538	32							2			
Leith.....	Dec. 13.....	78,538	17										
Mayence.....	Dec. 6.....	70,000	26					2					
Jerez de la Frontera.....	Dec. 6.....	61,708	54			3		1					
Cape Town.....	Nov. 25.....	36,000	21					1					
New Castle, N. B.....	Dec. 13.....	28,000	5										
New Castle, N. B.....	Dec. 20.....	28,000	5										
Vera Cruz.....	Dec. 25.....	23,800	27		4								
Victoria.....	Dec. 20.....	18,500	13										
Cartagena.....	Dec. 6.....	16,000	8										
Cartagena.....	Dec. 13.....	16,000	11										
Matamoras.....	Dec. 20.....	16,000	7										1
Antigua.....	Nov. 22.....	15,847	16					1					
Antigua.....	Nov. 29.....	15,847	10										
Antigua.....	Dec. 6.....	15,847	20										
Antigua.....	Dec. 13.....	15,847	8										
Hamilton, Bermudas.....	Dec. 18.....	15,700	3										
Hamilton, Bermudas.....	Dec. 24.....	15,700	1										
Moncton.....	Dec. 27.....	15,000	3										
Kingston, Can.....	Dec. 26.....	14,091	3										
Guelph.....	Dec. 29.....	10,173	1										
Tuxpan.....	Dec. 13.....	9,000	11										

OFFICIAL :

JOHN B. HAMILTON,

Supervising Surgeon-General, Marine-Hospital Service.