ABSTRACT OF SANITARY REPORTS.

Vol. VII. Washington, D. C., January 8, 1892.

No. 2.

[Published at the Marine-Hospital Bureau in accordance with act of Congress of April 29, 1878.]

UNITED STATES.

SPECIAL REPORTS.

California—San Francisco Quarantine Station.—Passed Assistant Surgeon W. P. McIntosh, in charge of the San Francisco Quarantine Station, under date of December 20, reports the arrival of the steamship *Pekin*, with two cases of smallpox on board. The vessel has been placed in quarantine, patients removed to the lazaretto, and passengers to the detention barracks.

December 24, Dr. McIntosh reports the death of one of the above_mentioned cases on December 22.

GEORGIA—Harris Neck—Smallpox.—Passed Assistant Surgeon White reports, under date of December 30, that there will remain only one case of smallpox on Harris Neck January 1. All the other cases which have been reported (98) will have been discharged from the hospital on that date. The first case appeared August 16, 1891, and 12 deaths had occurred prior to November 16, when Dr. White assumed charge. There were 72 persons suffering from smallpox November 16, and but one death has occurred since that date.

LOUISIANA—New Orleans—Influenza.—Surgeon James M. Gassaway, M.-H. S., makes the following report:

NEW ORLEANS, LA., December 30, 1891.

I have the honor to report a reappearance at this station of the influenza epidemic. From the best information at present obtainable the disease is not so severe as it was upon the last epidemic reported from this office, and the weekly mortality list of the city is not yet materially increased.

To the Supervising Surgeon-General M.-H. S.

MICHIGAN—Detroit—Report of sanitary inspector.—Dr. J. J. Mulheron, sanitary inspector, M. H. S., at Detroit, reports that during the two weeks ended December 26 trains bringing immigrants from Canada to that port were regularly inspected, and that there were found no passengers suffering from contagious diseases, nor any who had been recently exposed to the same.

 $\mathbf{2}$

Sanitary inspection of immigrants at Detroit and Port Huron to be discontinued.—The inspection of immigrants from the Province of Quebec against smallpox, established by the Marine-Hospital Service, will be discontinued January 10.

Texas—El Paso—Report upon smallpox in Mexico.—Dr. E. Alexander, sanitary inspector, M.-H. S., reports as follows:

DECEMBER 24, 1891.

I have the honor to report that the smallpox epidemic in the valley below El Paso has been effectively stamped out. In San Elizario, on the Rio Grande, there were 35 cases. Almost opposite of this town in Mexico there are several villages containing some very poor families without a resident physician. At the outbreak of smallpox in the valley we went immediately to visit these places; found, happily, not one case of smallpox, but 64 children and 6 adults not protected against the disease, whom we vaccinated, gratis, at once. I am reliably informed that in several States of Mexico the situation is much more grave, as smallpox is epidemic there.

To the Supervising Surgeon General M.-H. S.

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

FLORIDA—Tampa and surrounding country.—Month of November. Population, 10,000. Total deaths, 11, including 1 from phthisis pulmonalis.

IQWA.—Month of November, 1891. The following mortuary report has been extracted from the Monthly Bulletin for December, 1891:

Burlington.—Consumption, 3; pneumonia, 2. Total deaths, 10. Population (estimated), 30,166. Death rate per 1,000,0.33. For October, 0.63.

Council Bluffs.—Pneumonia, 3; diphtheria, 1; meningitis, 1; cholera infantum, 2; dysentery, 1. Total deaths, 15. Population, 21,388. Death rate per 1,000, 0.7. For October, 0:46.

Davenport.—Consumption, 4; pneumonia, 1; meningitis, 1; measles, 1. Total deaths, 26. Population, 28,500. Death rate per 1,000,0.90. For October, 1.30.

Des Moines.—Consumption, 6; pneumonia, 3; diphtheria, 12; typhoid fever, 3; malarial fever, 1. Total deaths, 55. Population, 62,000. Death rate per 1,000,0.901. For October, 0.6.

Dubuque.—Consumption, 2; pneumonia, 2; membranous croup, 6; diphtheria, 1; typhoid fever, 1; malarial fever, 1. Total deaths, 30. Population, 35,000. Death rate per 1,000,0.857. For October, 0.828.

Keokuk.—Diphtheria, 7; croup, 2; scarlet fever, 1; consumption, 1; pneumonia, 2. Total deaths, 22. Population (estimated), 18,000. Death rate per 1,000,1.03. For October, 1.03.

Muscatine.—Diphtheria, 2; meningitis, 2; pneumonia, 1. Total deaths, 16. Population, 11,432. Death rate per 1,000, 1.4. For October, 0.5.

Oskaloosa.—Consumption, 1. Total deaths, 5. Population, 6,500.

Death rate per 1,000, 0.767.

Ottumwa.—Consumption, 1. Total deaths, 7. Population (estimated), 16,000. Death rate per 1,000, 0.43. For October, 1.3.

Sioux City.—Diphtheria, 9; typhoid fever, 3; scarlet fever, 2; measles, 2; consumption, 5; pneumonia, 2; tuberculosis, 1; meningitis, 1; puerperal fever, 2. Total deaths, 45. Population (estimated), 40,000. Death rate per 1,000, 1.005. For October, 0.7.

MICHIGAN.—Week ended December 26, 1891. Reports to the State board of health, Lansing, from 44 observers, indicate that typho-malarial fever, whooping cough, cerebro-spinal meningitis, measles, puerperal fever, membranous croup, dysentery, pleuritis, and pneumonia increased, and that cholera infantum, inflammation of brain, inflammation of kidney, and cholera morbus decreased in area of prevalence.

Diphtheria was reported present at 46 places, scarlet fever at 42 places, enteric fever at 23 places, and measles at 5 places.

NEW JERSEY—Hudson County.—Month of November, 1891. Population, 283,850. Total deaths, 483, including phthisis pulmonalis, 42; enteric fever, 19; scarlet fever, 12; diphtheria, 19; measles, 3; and whooping cough, 3.

NEW YORK.—Month of November, 1891. Reports to the State board of health from eight districts, including New York City, Brooklyn, and 139 other cities, towns, and villages, show a total of 9,718 deaths, including phthisis pulmonalis, 1,017; smallpox, 2; enteric fever, 241; scarlet fever, 179; croup and diphtheria, 567; measles, 31; and whooping cough, 31.

OHIO.—Month of November, 1891. Reports to the State board of health, Columbus, from 71 cities and towns, having an aggregate population of 1,233,974, show a total of 1,720 deaths, including phthisis pulmonalis, 189; enteric fever, 86; scarlet fever, 27; croup and diphtheria, 190; measles, 1; and whooping cough, 11.

PENNSYLVANIA— Williamsport.—Month of November, 1891. Population, 27,132. Total deaths, 20, including 2 from diphtheria.

TENNESSEE—Chattanooga.—Month of November, 1891. Population, 29,100. Total deaths, 49, including phthisis pulmonalis, 11; enteric fever, 2; and scarlet fever, 1.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

New York, N. Y. Jan. 2. 1,515,301 969 103 734 36 Chicago, III	
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San Diego, Cal Dec. 19 16, 159 3	
Pensacola, Fla Dec. 12 11,750 7 1	
Pensacola, Fla Dec. 26 11,750 7 1	

Table of temperature and rainfall, week ended January 1, 1892.

[Received from Department of Agriculture, Weather Bureau.]

Locality.		nperature Fahrenhe	in degrees it.	Rainfall in inches and dredths				
Docartey.	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency		
New England States:								
Eastport. Me	24	27		. 92		.0		
Eastport, Me Portland, Me	22	65		.77	. 86			
Boston, Mass	29	46		.84	. 63			
Block Island, R. I	34	20		. 92	. 25			
Middle Atlantic States:	-			,		!		
Albany, N. Y	27	42		.63	.74			
Albany, N. Y New York, N. Y	33	38		.78	. 18			
		30		. 64	. 25			
Atlantic City, N. J	34	28		.91		.8		
Baltimore, Md	36	32	,	. 70		.1		
Washington, D. C	35	41		. 70				
Lynchburg, Va	36	25		. 85				
Philadelphia, Pa	41	41		.84				
Charlotte N C	40	30		1.12		1.0		
Charlotte, N. C Wilmington, N. C	40 46	25		. 84				
Charleston, S. C	49	30		.85				
Augusta, Ga	49	30		.85		:		
Savannah, Ga	40	24		.84				
Jackson and Ga	50	36		.77				
Jacksonville, Fla Key West, Fla	53 69	23						
Hulf States:	69	20		. 42				
Atlanta, Ga	44	1		1.25				
Pensacola, Fla Mobile, Ala Montgomery, Ala	54	2		1.12				
Mobile, Ala	52	1		1.05	. 47			
Montgomery, Ala	49	5		1.18				
Vicksburg, Miss	46	20						
New Orleans La	55	2						
Shreveport, La	45	22		1.09				
Shreveport, La	40	22			. 35			
Little Rock, Ark	42	21		. 97				
Palestine, Tex	45	35		.83				
Galveston, Tex	55		5	.98				
San Antonio Tex	53	2		. 35				
San Antonio, Tex Corpus Christi, Tex.*	51	İ		.61				
Brownsville Tex*	55			.42				
Brownsville, Tex.* Rio Grande City, Tex.*	53							
hio Valley and Tennessee:		1		i				
Memphis, Tenn Nashville, Tenn	39	47		1.03				
Nashville, Tenn	39	29		.96	1.04			
Chattanooga, Tenn	42	12		1.28	.83			
Knoxville, Tenn Louisville, Ky Indianapolis, Ind Cincinnati, Ohio.	39	14		1.10	. 92			
Louisville, Ky	34	51		.91	.00			
Indianapolis, Ind	30	49		.70	.31			
Cincinnati, Ohio	34	32		.74				
Columbus, Ohio Pittsburg, Pa	31	43		.71				
ake Region ·	ì	40		. 64	. 05			
Oswego, N. Y	26	29		.76	ļ			
Rochester, N. Y	26	30		. 64				
Buffalo, N. Y	27	46		.70		1		
Erie, Pa	30	27		.71				
Cleveland Ohio	28	49		. 56				
Cleveland, Ohio Sandusky, Ohio	29	51		. 55				
Toledo, Ohio	28	40		. 55				
Detroit, Mich	28	28		. 56				
Port Huron, Mich		50		. 49				
Alpena Mich	21	57		. 56	.07			
Alpena, Mich Marquette, Mich	20	23		.48	. 42			
Grand Haven, Mich	27	43		. 56	.88			
Grand Haven, Mich	23	50		.49	.87			
Chicago III	27	44		. 49	.08			
Chicago, Ill. Duluth, Minn pper Mississippi Valley:	13	17		. 28	.05			
pper Mississippi Valley:	1	27		00		1		
St. Paul Minn	! 14	21		.28				
La Crosse, Wis Dubuque, Iowa	19	44	· · · · · · · · · · · · · · · · · · ·	.29	.21			
Imbugue Iowe	21	53		.42	1.31			
Dubuque, Iowa	24	58		.35	.53			
Davenport, lowa								
Davenport, Iowa Des Moines, Iowa	21	63		.30	. 63			
Davenport, Iowa Des Moines, Iowa Keokuk Iowa	21	64		.76	.92			
Davenport, Iowa Des Moines, Iowa	21	63 64 42 47		.76 .62 .78				

^{*} Missing.

 ${\it Table\ of\ temperature\ and\ rainfall,\ week\ ended\ January\ 1,\ 1892-Continued.}$

Locality.		nperature Fahrenhe	in degrees it.	Rainfall in inches and hundredths.					
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency			
Missouri Valley:									
Springfield, Mo	34	35		. 49	1.37				
Kansas City, Mo	30	62		. 27	1.36				
Concordia, Kans	28	65		.15	1.50				
Omaha, Nebr.		48		.21					
		31							
Valentine, Nebr				. 20					
Huron, S. Dak	13		8	. 14					
Pierre, S. Dak	14	16		. 14		.1			
Extreme Northwest:					1	1			
Moorhead, Minn			2	. 21		.2			
Bismarck, N. Dak	9		30	.14		.0			
Buford, Fort, N. Dak	7	31		. 14		.0			
Rocky Mountain Slope:		l							
Assinniboine, Fort, Mont	8	89		. 15		.1			
Helena, Mont	20	33		.28					
Salt Lake City, Utah	32	50	31	.41					
Cheyenne, Wyo	27		17	.07					
North Platte, Nebr	24	5	17	.14		,			
Donwon Colo	31								
Denver, Colo			19	. 17	······	.0			
Montrose, Colo	26	· · · · · · · · · · · · · · · · · · ·	62	. 14	.53				
Pueblo, Colo	32		5	. 13	.05				
Dodge City, Kans	29	49		. 14		.0			
Abilene, Tex	42	59		. 15		.0			
Santa Fé, N. Mex	30		48	. 13	.08				
Pacific Coast:		1		1		1			
Olympia, Wash. *	39			2.11	1	·			
Portland, Oreg	40	3		1.78	2.28				
Roseburg, Oreg			1	1.54	72				
Red Bluff, Cal.*			İ	1.18	1				
Sacramento, Cal.*	47			. 97					
San Francisco, Cal				1.25	2.65				
Tag America Col				. 89	. 14				
Los Angeles, Cal	34				. 14				
San Diego, Cal.*	55			. 55					
Yuma, Āriz.*	55	1		.08					

^{*} Missing.

FOREIGN.

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

Australia—Queensland.—Month of August, 1891. Population, 91,471. Total deaths, 91, including enteric fever, 1; influenza, 1; diphtheria, 7; and simple fever, 1.

Bahamas—Dunmore Town.—Two weeks ended December 17, 1891. Population, 1,472. One death. No contagious diseases.

Governor's Harbor.—Two weeks ended December 19, 1891. Population, 1,112. Total deaths, 2. None from contagious diseases.

Brazil—Santos—Yellow fever.—The United States consul reports, under date of November 28, that yellow fever is slowly increasing, but up to date is generally confined to the harbor and shipping, although isolated cases are reported among the inhabitants. The streets are kept fairly clean. Every alley in the city and every projection in the main streets is used as a urinal, and the stench is fearful, although disinfectants are used frequently.

CANADA—Smallpox.—The following report has been received:

BOARD OF HEALTH OF THE PROVINCE OF QUEBEC, Montreal, December 28, 1891.

SIR: I beg to send you the following statement regarding the existence of smallpox in the province:

Counties. Municipalities.	Cases since outbreak.	Deaths.	Recovered.	Still sick.	Houses infected since out- break.	Houses presently infected.
Quebec City	. 5	3	2	0	3	0
Bonaventure Carleton		Ĩ	8	ŏ	4	ŏ
Do Shoolbred and Nou- velle.	3	Ō	3	0	1	0
Rimouski St. Damase	17	5	12	0	4	. 0
Do Sandy Bay	. 5	0	0	. 5	3	2
Temiscouata St. Paul de la Croix.	61	11	50	0	13	0
Do St. Clement	8	0	8	0	2	. 0
Do Ile Verte	1	1	0	0	1	0
Gaspé Pabos	6	. 1	5	0	2	0
Do Newport	. 6	2	4	0	1	0
Quebec La Jeune Lorette		0	4	0	1	0
Sherbrooke Ascot		4	6	0	2	0
Do Sherbrooke City	13	3	6	4	5	1*
Richmond Brompton		0	0	1	1	1

^{*}The civic hospital.

Yours respectfully,

ELZÉAR PELLETIER, Secretary.

CUBA—Havana.—Week ended December 24, 1891. Total deaths, 176, including yellow fever, 5; bilious fever, 1; pernicious fever, 1; paludal fevers, 2; diphtheria, 1; glanders, 2; and influenza, 13.

Cardenas.—Week ended December 21, 1891. Total number of deaths, 15. None from contagious diseases.

FRANCE—Nice.—Month of November, 1891. Population, 97,720. Total deaths, 155, including enteric fever, 3; diphtheria, 2; and phthisis pulmonalis, 12.

GREAT BRITAIN—England and Wales.—The deaths registered in 28 great towns of England and Wales during the week ended December 19 corresponded to an annual rate of 19.1 a thousand of the aggregate population, which is estimated at 9,405,108. The lowest rate was recorded in Portsmouth, viz, 11.7, and the highest in Newcastle-on-Tyne, viz, 32.8 a thousand.

London.—One thousand four hundred and forty-nine deaths were registered during the week, including measles, 46; scarlet fever, 8; diphtheria, 30; whooping cough, 71; enteric fever, 19; and diarrhee and dysentery, 15. The deaths from all causes corresponded to an annual rate of 17.9 a thousand. Diseases of the respiratory organs caused 337 deaths. In greater London 1,859 deaths were registered, corresponding to an annual rate of 17.1 a thousand of the population. In the "outer ring" the deaths included diphtheria 9 and whooping cough 13.

Newcastle-upon-Tyne.—Two weeks ended December 12, 1891. Population, 187,500. Total deaths, 254, including enteric fever, 2; scarlet fever, 2; and diphtheria, 3.

Sunderland.—Two weeks ended December 12, 1891. Population, 131,302. Total deaths, 177, including typhus, 1; enteric fever, 3; scarlet fever, 1; and diphtheria, 3.

Ireland.—The average annual death rate represented by the deaths registered during the week ended December 19, in the 16 principal town districts of Ireland, was 35.7 a thousand of the population. The lowest rate was recorded in Sligo, viz, 5.2, and the highest in Cork, viz, 57.4 a thousand. In Dublin and suburbs 226 deaths were registered, including enteric fever, 7; influenza, 8; and whooping cough, 4.

Scotland.—The deaths registered in 8 principal towns during the week ended December 19 corresponded to an annual rate of 32.2 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, 35.5 a thousand. The aggregate number of deaths registered from all causes was 669, including measles, 6; scarlet fever, 11; diphtheria, 4; whooping cough, 12; fever, 6; and diarrhea, 11.

Jamaica.—The United States consul transmits the following reports of the superintending medical officer and the colonial secretary:

Report of the state of health of the undermentioned ports for the week ended December 5, 1891.

Kingston.—The state of health of the port is very satisfactory.

Port Royal.—The state of health of the civil population of the town is satisfactory. A further case of yellow fever occurred at the commencement of the week in the person of the widow of the dispenser of the Royal Naval Hospital, who died on the 29th ultimo; this case is reported to be recovering.

The several other ports of the island.—The state of health at such ports

continues to be satisfactory.

Week ended December 12, 1891.

Kingston.—The state of health of the port is very satisfactory.

Port Royal.—The case of yellow fever noted in the last weekly return has fully recovered. The state of health of the civil population continues satisfactory.

The several other ports of the island.—The state of health at each port

continues satisfactory.

COLONIAL SECRETARY'S OFFICE, Jamaica, December 12, 1891.

SIR: I have the honor to acknowledge the receipt of your letter dated the 10th instant, and, with reference to the last paragraph, to inform you that the military authorities have reported two cases of yellow fever as having occurred at New Castle, both terminating fatally on the 20th and 23d ultimo respectively. So far as has been ascertained there have been no other cases at the cantonment.

N. PORTER,

Colonial Secretary.

To W. R. Estes, Esq., U. S. Consul, Kingston.

MEXICO—Paso del Norte.—Month of December, 1891. Population, 10,000. Total deaths, 23, including diphtheria 2.

SPAIN—Barcelona.—Month of November, 1891. Population, 272,000. Total deaths, 604, including enteric fever, 48; diphtheria, 32; and smallpox, 7.

SYRIA—Cholera.—The United States consul reports, under date of December 2, that there is now no cholera in the city of Aleppo, but the consular agent at Damascus reports 16 cases and 14 deaths from that disease for the week ended December 2. Since November 25, 1891, departures from the ports of the Gulf of Alexandretta and from Latakia, Syria, are no longer subject to quarantine restrictions.

Cholera in East Indies.

[Translated for this Bureau from the Veröffentlichungen des Kaiserlichen Gesundheitsamtes, Berlin, December 15, 1891.]

According to the official information received October 19, 1891, influenza, smallpox, fever, and cholera were generally prevalent during

the greater part of the past year. The sanitary condition of Batavia was especially unfavorable. During August, September, and up to the middle of October, there were many choleraic deaths among natives, Chinese, half-breeds, and Europeans. The violence and long continuance of the disease were partly due to the unusual and excessive dryness of the summer season. As late as October 19 there had been no rainfall in Java for nearly six months.

MORTALITY TABLE, FOREIGN CITIES.

		ula	rom	İ		ı	Deat	hs fi	rom-	-		
Cities.	Week ended.	Estimated popula- tion.	Total deaths from all causes.	Chelera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping
London	Dec. 12	5, 656, 909	1,876		·			17	24	50	50	
Paris	Dec. 12	2, 424, 705	940			1		5	2	21	2	1 1
Vienna	Nov. 28	1, 378, 530	632			1		3	5	34	. 5	1 1
Vienna	Dec. 5	1, 378, 530	601	·		1	2		7	42	8	1 1
Hamburg	Dec. 5	570, 534	350					3	6	7		
Glasgow	Dec. 12	545, 678	286					4	4	3		
Liverpool	Dec. 12	517, 116	24 8			ļ .	1	4	3	1		
Edinburgh	Dec. 12	261, 970	228					1	1	2		1 1
Belfast	Dec. 12	255, 896	207					4				
Antwerp	Dec. 12	230, 096	143				••••	2		1		
Trinidad	Oct. 31	189, 566	27									
Trinidad	Nov. 7	189,566	23									٠
Trinidad	Nov. 14	189, 566	29									
Christiania	Dec. 12	151, 130	55									
Hiogo	Nov. 21	136,012	60	2								
Hiogo		136,012	50	1						. 1		
Havre	Dec. 12	112,074	118				•••••					
Rheims	Dec. 5	105, 993	37								4	
Rheims	Dec. 12	105, 993	52				•••••			2	7	••••
Leghorn	Dec. 6	103, 762	40									
Leghorn		103, 762	37									
Zurich Mannheim	Dec. 12 Dec. 12	91, 323 80, 000	44 26		•••••	•••••	1		4			•••••
Leith	Dec. 12	69, 993	55									
Cienfuegos		41,647	20									
Santos		20,000	76									
Kingston, Can		19, 264	.8									
Sagua la Grande	Dec. 19	18, 109	17									
Victoria		16, 200	8									
Hamilton, Bermuda		15,013	4									
Cape Haitien	Nov. 7	15,000	9									
Cape Haitien	Nov. 14	15,000	7									
Cape Haitien	Nov. 21	15,000	5									
Cape Haitien	Nov. 28	15,000	5									
Cape Haitien	Dec. 5	15,000	7									
Cape Haitien	Dec. 12	15,000	6				•••••					
St. Thomas	Nov. 27	12,019	6				•••••					
St. Thomas	Dec. 4	12,019	5 4				•••••					
St. Thomas	Dec. 11	12,019	3		•••••	•••••	, 			•••••	• • • • • • • • • • • • • • • • • • • •	
Sonneberg	Dec. 12	12,000	11			•••••		•••••			ų·····	•••••
Matamoras Guelph	Dec. 18 Dec. 26	12,000 10,539	3									
Tuxpan	Dec. 12	9,000	4									
Chatham	Dec. 26	8,730	4									
Tampico	Dec. 20	8,048	12									
Turks Islands	Nov. 18	4, 744	7				i					
Turks Islands	Dec. 16	4,744	5									
Green Turtle Cay	Dec. 16	3, 686	2									
St. Helena	Oct. 16	3,600	ī									
St. Helena	Oct. 23	3,600	Ĩ									
Clifton	Dec. 26	3, 249	1									
	Dec. 26	2, 260	2						l	1		
Amherstburg Waubaushene	Dec. 26	1,000	ĩ									

OFFICIAL:

WALTER WYMAN,

Supervising Surgeon-General Marine-Hospital Service.