# ABSTRACT OF SANITARY REPORTS.

Vol. VII. Washington, D. C., February 26, 1892.

No. 9.

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

### UNITED STATES.

#### SPECIAL REPORTS.

Typhus fever among the immigrants who arrived on the steamship Massilia.

[Telegram.]

NEW YORK, February 25, 1892.

One hundred and seven cases to date; 99 are *Massilia* passengers; 4 from exposure to latter; 5 sources of contagion unknown; 4 of last from Bowery lodging house. Believe we have control.

CYRUS EDSON.

To the Supervising Surgeon-General.

DEPARTMENT OF PUBLIC SAFETY,

Bureau of Health,

Pittsburg, February 18, 1892.

SIR: Your telegram of to-day asking for information regarding typhus fever received. In reply would state we have one case of typhus fever reported to this office February 16, 1892. Immediate steps were taken to disinfect premises and quarantine the house. It is an exceedingly light case; patient doing well. The name of patient Angela Matera, passenger from vessel Massilia. It is said 14 others from said vessel are in Pittsburg, but as yet we have been unable to locate them. Since writing the above, Dr. Moyer, the physician in attendance, called on me and reports the patient much worse to-day, and developing all the symptoms of a true case of typhus. Patient thoroughly isolated, and every precaution being taken to prevent spread.

Respectfully yours,

15

W. F. McKELVY, Chief Clerk Board of Health.

To the Supervising Surgeon-General.

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

ALABAMA—Mobile.—Month of January, 1892. Population, 31,076. Total deaths, 100, including phthisis pulmonalis, 7; diphtheria, 1; and croup, 1.

(89)

CONNECTICUT.—Reports to the State board of health from 167 towns, having an aggregate population of 745,693, show a total of 1,953 deaths, including phthisis pulmonalis, 151; influenza, 245; enteric fever, 22; scarlet fever, 17; diphtheria, and croup. 88; and whooping cough, 4.

FLORIDA—Pensacola.—Month of January, 1892. Population, 11,750. Total deaths, 21, including 2 from phthisis pulmonalis and 1 from enteric fever.

MASSACHUSETTS—Northampton.—Month of January, 1892. Population, 14,990. Total deaths, 51, including phthisis pulmonalis 4.

Worcester.—Month of January, 1892. Population, 84,655. Total deaths, 205, including phthisis pulmonalis 17 and influenza 18.

MICHIGAN.—Week ended February 13, 1892. Reports to the State board of health, Lansing, from 61 observers, indicate that scarlet fever, typho-malarial fever, inflammation of bowels, membranous croup, inflammation of brain, and cholera infantum increased, and that cerebrospinal meningitis, puerperal fever, cholera morbus, diphtheria, erysipelas, and typhoid fever decreased in area of prevalence.

Diphtheria was reported present during the week at 25 places, scarlet fever at 52, enteric fever at 16, and measles at 5 places.

Detroit.—Month of January, 1892. Population, 205,876. Total deaths, 495, including phthisis pulmonalis, 40; enteric fever, 6; scarlet fever, 19; diphtheria, 34; and whooping cough, 1.

RHODE ISLAND.—Month of January, 1892. Reports to the State board of health from 22 cities and towns, having an aggregate population of 277,640, show a total of 705 deaths, including phthisis pulmonalis, 57; influenza, 107; enteric fever, 11; scarlet fever, 5; diphtheria, 5; measles, 2; croup, 9; and whooping cough, 2.

TENNESSEE—Nashville.—Month of January, 1892. Population, 76,168. Total deaths, 143, including phthisis pulmonalis, 19; influenza, 7; enteric fever, 1; measles, 1; and croup, 4.

PENNSYLVANIA— Williamsport.—Month of January, 1892. Population, 27,132. Total deaths, 40, including enteric fever, 2; scarlet fever, 1; diphtheria, 2; and whooping cough, 1.

## MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.  New York, N. Y  14. Louis. Mo	Week ended.	Population, U. Census of 1890	otal deaths from all causes.	Phthisis pul- monalis.	ellow fever.	ox.	id.	ď.	fever.	fever.	ever.	ria.		ð.c
			Total deaths all causes.	Pht	Yellov	Smallpox.	Varioloid.	Varicella.	Typhus fever	Enteric fever	Scarlet fever	Diphtheria.	Measles.	Whooping cough.
	Feb. 20	1,515,301	908	129		2			2	2	39	26	13	
		451,770	167	24		_				ī	1	1		
Boston, Mass		448, 477	206	22						-	7	9	1	
Baltimore, Md	Feb. 20	434, 439	233	27				•••••	•••••	3	20	13	3	1
San'Francisco, Cal		298, 997								4	2	8	5	1
Cincinnati, Ohio	Feb. 19	296, 908	130	8				•••••	•••••	2	ī	10	"	
			189	19				•••••	•••••	-	1	10		
New Orleans, La	Feb. 6	242,039	162	14	•••••		••••••		•••••					• • • • •
New Orleans, La	Feb. 13	242, 039		14	•••••			•••••	• • • • • •		*****			
Detroit, Mich	Feb. 20	205,876	82		•••••		•••••	•••••	•••••	, 1	10	5		·;•••••
Minneapolis, Minn		164, 738	57				•••••	•••••	•••••		1	1	1	
Louisville, Ky	Feb. 20	161, 129	60	10						3		1		·
Rochester, N. Y	Feb. 20	133, 896	49	3						1		10		1
Kansas City, Mo	Feb. 6	132, 716	27	3						• • • • • •				
Kansas City, Mo	Feb. 13	132, 716	38	7						·	1	1	·	, i
Providence, R. I	Feb. 20	132, 146	51			1	l				1	2		
Denver, Colo		106, 713	32	5							1	4	l	
Denver, Colo		106, 713	21	6							2	2	1	
ndianapolis, Ind		105, 436	33	10			1					4	1	1
Indianapolis, Ind		105, 436	43	9						1		3	2	
Coledo, Ohio	Feb. 19	81, 434	25			<b>-</b> -				-		i	"	
Richmond, Va		81, 388	41	5				•••••	••••••	4		1		····
Kienmona, va	Feb. 20		40	9					• • • • • • • • • • • • • • • • • • • •	4				
Nashville, Tenn	Feb. 20	76, 168		2								ļ		• • • • • •
Fall River, Mass		74, 398	46	Z					•••••					1
Portland, Me		36, 425	17						•••••			ļ <u>.</u> .		
Binghamton, N. Y		35,005	20	·····								4		·;••••
Mobile, Ala		31,076	15								ļ		·;	
Jalveston, Tex	Feb. 5	29, 084	17	1									ļ	· · · · · ·
Galveston, Tex	Feb. 12	29, 084	11											
Auburn, N. Y	Feb. 20	25, 858	11	1		l								. i
Pensacola, Fla	Feb. 13	11, 750	7	1		l				1	1			.i

Table of temperature and rainfall, week ended February 19, 1892.
[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temp	eratu <b>re</b> in Fah <b>r</b> enhe	degrees it.	Rainfall	ainfall in inches dredths.				
notality.	Normal.	*Excess.	*Defic'ncy.	Normal.	Excess.	Deficienc			
ew England States:									
Eastport, Me Portland, Me	22		17	1.05					
Portland, Me	23		22	. 91					
Boston, Mass	28		36	. 86					
Boston, Mass Block Island, R. I iddle Atlantic States: Albany, N. Y New York, N. Y. Philadelphia, Pa Atlantic City, N. J. Baltimore, Md Washington, D. C. Lynchburg, Va Norfolk, Va uth Atlantic States	31		29	1.26		1.			
Albany, N. Y	26		56	. 63	<i></i>				
New York, N. Y	32		22	. 94					
Philadelphia, Pa	35		22	. 84		▝ .			
Atlantic City, N. J	34		22	. 81					
Baltimore, Md	37		26	. 91					
washington, D. C	36		11	.84					
Lynchburg, Va	41		8	. 85					
			27	.91	••••••				
Charlotte, N. C	46		11	1.11					
Wilmington, N. C	51		30	. 82					
Charlotte, N. C	54		13	.84	i	1			
			11	. 91					
Savannah, Ga Jacksonville, Fla Key West, Fla	56		21	. 77					
Jacksonville, Fla	60		24	. 78		İ			
Key West, Fla	72		13	. 42	••••••				
ulf States: Atlanta, Ga	48		15	1.20		1			
Pensacola, Fla	58		15	.95					
Mobile Ale	56	7		1.19		1			
Mobile, Ala	54	0	7	1.33					
Vicksburg, Miss.	54	13		1.19	. 15				
		4		1.05	.10	1			
Shreveport, La Fort Smith, Ark Little Rock, Ark Palestine, Tex	52	28		1.19	.81				
Fort Smith, Ark	44	26		. 91	. 24				
Little Rock, Ark	46	36		1.61					
Palestine, Tex	53	34			2.54				
Galveston, Tex	58	16		.76					
San Antonio, Tex.†	57	¦		. 56					
Corpus Christi, Tex	59	45		.60					
Brownsville, Tex	64	47		. 49					
nio valley and Tennessee :	40		1	1 20	. 0=				
Naghvilla Tonn	46	26 19		1.39	.07				
Chattangora Tenn	43 47		6	1.31 1.33	. 21				
Knorville Tenn	44		6	1.26	. 21				
Louisville, Ky	39	15	•	1.19	.87				
Indianapolis, Ind.	32	13		.84	.68				
Cincinnati. Ohio	37		1	.98	.27				
Columbus, Ohio	32	1	l	. 91	.77				
Pittsburg, Pa	34		20	.70	.02				
Galveston, Tex. San Antonio, Tex.† Corpus Christi, Tex. Brownsville, Tex. hio Valley and Tennessee: Memphis, Tenn. Nashville, Tenn. Chattanooga, Tenn. Knoxville, Tenn. Louisville, Ky. Indianapolis, Ind. Cincinnati, Ohio. Columbus, Ohio. Pittsburg, Pa ake Region:			1	İ	1				
Oswego, N. Y	24		38	. 63	. 29				
Oswego, N. Y	24		13	. 63	. 20				
Bunaio, N. Y	24		19	.68	. 19				
Erie, Pa	28		30	. 89	.19	ļ			
Cleveland, Ohio Sandusky, Ohio Toledo, Ohio Detroit, Mich	28 28		5 2	.77 .84	.61				
Toledo Ohio	28 28		4	.49	.47				
Detroit. Mich.	27		34	.62	.18				
Port Huron, Mich	22		30	.63	1				
Alpana Mich	1 17		33	. 56					
Marquette, Mich	15		53	. 42					
Grand Haven, Mich	24		22	. 56		.!			
Milwaukee, Wis	23		22	. 45		-			
Marquette, Mich. Grand Haven, Mich. Milwaukee, Wis. Chicago, Ill. Duluth, Minn.	28		23	.63		•			
Duluth, Minn. pper Mississippi Valley: St. Paul, Minn. La Crosse, Wis. Dubuque, Iowa Davenport, Iowa Des Moines, Iowa Keokuk, Iowa.	13		56	. 28	.09				
St. Paul Minn	15	1	56	. 21	1				
La Crosse Wis	19		21	.23					
Dubuque, Iowa	23		5	.42		.]			
Davenport, Iowa	25	12	1	.38		.]			
Des Moines, Iowa	23	8		.35					
Keokuk, Iowa	29	20		.48					
Springfield, Ill	01	6		1.04 1.05	.52				
Cairo, Ill		36							

<sup>\*</sup>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 February 19, 1892-Continued.

Locality.	Temp	erature in Fahrenhe	degrees it.	Rainfall in inches and he dredths.					
Locality.	Normal.	*Excess.	*Defic'ncy.	Normal.	Excess.	Deficiency			
Missouri Valley:									
Springfield, Mo	37	30		. 91		. 13			
Kansas City, Mo	32	22		.42					
Canada City, Mo	29	14	•••••	.14					
Concordia, Kans		,							
Omaha, Nebr			2	. 21					
Valentine, Nebr	23			. 14	,				
Huron, S. Dak	13		63	. 14					
Pierre, S. Dak	15		64	. 07		.0			
Extreme Northwest:	!				1				
Moorhead, Minn	5		56	. 21		.0			
Bismarck, N. Dak			69	.14		.0			
Buford, Fort, N. Dak			72	. 14					
Rocky Mountain Slope:									
Assinniboine, Fort, Mont	14		76	.14	.02				
Assimilatione, Fort, Mont		·····							
Helena, Mont		47		. 14					
Salt Lake City, Utah	33		26	. 35					
Cheyenne, Wyo	27	44		.07					
North Platte, Nebr	26		32	.07		.0			
Denver, Colo	33	28	l	.14		. 13			
Montrose, Colo	31	25		.07		.0'			
Pueblo, Colo		17		.18					
Dodge City, Kans		4		.14		1			
Abilene, Tex		28			. 44	. 1			
Conta IN Man		27		.14	.18	•••••			
Santa Fé, N. Mex	90	21		. 14	.18				
Pacific Coast:		Ì							
Olympia, Wash			2	1.89					
Portland, Oreg			2	1.68					
Roseburg, Oreg	43	21		1.19		1.0			
Red Bluff, Cal. †	49			.84					
Sacramento, Cal.†	50			. 76					
San Francisco, Cal	52	10		. 93					
Los Angeles, Cal	55			.90					
San Diego, Cal.†				.63	,				
				.12					
Yuma, Āriz.†	99			.12					

<sup>\*</sup>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.)

Bahamas—Albert Town.—Four weeks ended January 23, 1892. Population, 2,934. Total deaths, 4. No deaths from contagious disease.

CANADA—Ontario—London.—Month of January, 1892. Total deaths, 40. None from contagious disease.

CUBA—Havana.—The United States sanitary inspector sends the following report, dated February 13, 1892:

There were 135 deaths in this city during the week ended February 11, 1892.

Four of those deaths were caused by yellow fever, 2 by so-called pernicious fever, 1 by enteric fever, 1 by paludal fever, and 1 by croup.

La grippe, which has been a very active epidemic here for over two and one-half months, causing quite a large number of deaths, is apparently rapidly subsiding; no mortality has been reported from it during the past week.

Three of the 4 deaths from yellow fever occurred in the Military

Hospital.

DUTCH GUIANA—Parimaribo.—Month of December, 1891. Population, 124,433. Total deaths, 93, including 1 from croup.

FRANCE—Marseilles.—Month of January, 1892. Population, 406,919. Total deaths, 1,722, including smallpox, 9; enteric fever, 17; scarlet fever, 1; diphtheria and croup, 52; and measles, 9.

Nice.—Month of December, 1891. Population, 97,720. Total deaths, 194, including phthisis pulmonalis, 9; enteric fever, 2; smallpox, 1; and measles, 1.

Rouen.—Month of December, 1891. Population, 106,196. Total deaths, 388, including phthisis pulmonalis, 49; enteric fever, 15; scarlet fever, 6; varicella, 1; croup, 18; measles, 3; and whooping cough, 21.

GREAT BRITAIN—England and Wales.—The deaths registered in 28 great towns of England and Wales during the week ended February 6 corresponded to an annual rate of 26.2 a thousand of the aggregate population, which is estimated at 10,185,736. The lowest rate was recorded in Bradford, viz, 13.8, and the highest in Preston, viz, 31.1 a thousand.

London.—Two thousand five hundred deaths were registered during the week, including measles, 39; scarlet fever, 14; diphtheria, 27; whooping cough, 137; enteric fever, 6; and diarrhœa and dysentery, 17. The deaths from all causes corresponded to an annual rate of 30.6 a thousand. Diseases of the respiratory organs caused 761 deaths. In greater London 3,157 deaths were registered, corresponding to an annual rate of 28.6 a thousand of the population. In the "outer ring" the deaths included "fever" 5 and whooping cough 26.

Ireland.—The average annual death rate represented by the deaths registered during the week ended Feruary 6, in the 16 principal town districts of Ireland, was 26.2 a thousand of the population. The lowest rate was recorded in Armagh, viz, 7.0, and the highest in Sligo, viz, 56.7 a thousand. In Dublin and suburbs 225 deaths were registered, including enteric fever 1 and whooping cough 2.

Scotland.—The deaths registered in 8 principal towns during the week ended February 6 corresponded to an annual rate of 22.0 a thousand of the population, which is estimated at 1,338,314. The lowest mortality was recorded in Paisley, viz, 15.3, and the highest in Glasgow, viz, 24.7 a thousand. The aggregate number of deaths registered from all causes was 612, including measles, 7; scarlet fever, 2; diphtheria, 10; whooping cough, 20; fever, 8; and diarrhœa, 8.

St. Helena.—Six weeks ended December 25, 1891. Population, 3,600. Total deaths, 7. No deaths reported from contagious disease.

SWITZERLAND—Zurich.—Month of December, 1891. Population, 91,323. Total deaths, 197, including phthisis pulmonalis, 16; croup and diphtheria, 7; measles, 16; and whooping cough, 3.

TURKEY—Constantinople.—Month of November, 1891. Total deaths, 879, including 40 from smallpox.

Month of December. Total deaths, 1,410, including 37 from small-pox.

West Indies—*Turk's Islands*.—Three weeks ended January 20, 1892. Population, 4,744. Total deaths, 18. No deaths from contagious diseases.

RUSSIA—Riga.—Month of November, 1891. Population, 200,000. Total deaths, 403, including phthisis pulmonalis, 39; enteric fever, 7; scarlet fever, 39; smallpox, 1; diphtheria, 33; measles, 1; croup, 15; and whooping cough, 4.

### Cholera in Arabia.

[Translated for this Bureau from the publications of the Kaiserlichen Gesundheitsamtes, Berlin, February 2, 1892.]

According to information received January 6, 9 choleraic deaths occurred at Damascus between December 28, 1891, and January 4, 1892. Recent intelligence from Hodeida shows the epidemic to be extinct in Assyr and Yemen. The disease is said to have been introduced into Hodeida by means of the Turkish transport ship *Djedda*, which left Constantinople August 28, 1891, and touched at Smyrna, Beirut,

and Port Said, arriving off Hodeida September 28. Five soldiers who were shipped at Beirut died with choleraic symptoms during the voyage of the *Djedda*. Within a few days after the disembarkation of the troops at Hodeida many deaths occurred in the camp outside the town and in the military hospital. The first case in the town occurred October 9. By October 17, the disease had become general. No death from cholera was reported from the military hospital after October 30, and the last case in the town occurred November 7. Official statistics place the number of choleraic deaths at Hodeida at 707. Unofficial statements place the number at 3,000. The disease still prevails at Sana, Táas, Nedgib, and Sukelhams.

### MORTALITY TABLE, FOREIGN CITIES.

			e in	ron	Deaths from—								
Cities.	eek ended.		Estimated popula tion.	Fotal deaths from all causes.	ġ.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.		Whooping
	4	4	, <u>ë</u>	<u>ء</u> ج	Cholera.	10	1 E	र्ब	ter	- E	oht]	Measles.	300
1	. <u>;</u>		Est	Tot	<del>.</del> 5	Yel	g.	T.	En	S.	Dig	Me	1
ondon	Dal	c	5 759 904	3, 157					6	14	30	42	1
aris	Feb. Jan.	6 23	5, 752, 204 2, 424, 705 2, 424, 705	1,615					14	3	26	7 17	
aris	Jan.	30	2,424,705	1,499				ļ		. 2	22	17	
aris	Feb.	6	2, 424, 705	1, 199 891			1		7	4	25 29	11 22	1
iennalasgow	Jan. Feb.	16	1, 378, 530	318	1			•••••	6		2	22	٠
iverpool	Feb.	6	669, 143 513, 786	267					ĭ		1		• • • • • • • • • • • • • • • • • • • •
uda-Pesth	Jan.	29	507,000							6	23		
russels	Jan.	16	482, 158	310		····•			1		•••••		• • • • •
russelsyons	Jan. Jan.	23 30	482, 158 430, 000	308 285			•••••	: ·	1	1	5		
lunich	Jan.	23	366,000	234						2	10		
openhagen	Jan.		326,000	151		·					6		
ologne	Feb.	6	290.968	156						ļ	2	3	
arcelona	Jan.	29	272,000 264,787 255,922	196	,		3			ļ	4		• • • • •
dinburghelfast	Feb.	6	264,787	108 150					2	1	1		•
alermo	Feb.		250, 922	140					5				
ntwerp	Jan.	30	241, 263	118	1					1			
ristol	Feb.	6	222,049							2			
otterdam	Feb.	6	216,678 185, 200	122							1		
anover	Jan.	30	185, 200	63 169				•••••		2 2	5		• •••
ragueenoa	Jan.	30	182, 887	131						1	3		
enoa	Jan. Feb.	6	181, 317 181, 317 180, 000	117	1		1	l		ļ			
rankfort-on-the-Main	Jan.	30	180,000	. 79							6		
enice			161, 130	157			1				3		
rieste,	Jan.	30	158, 054	147	•				3			1	
uremberg	Jan.		149, 207	81						1	3		• • • • • • • • • • • • • • • • • • • •
urembergtuttgartunchal	Feb.	6 30	139, 507 133, 250	42 22						1			• } • • •
remen	Jan.	30	125, 600	49								5	•
avre	Feb.	6	116, 369 111, 000 108, 000	66			1				. 1		
atania	Jan.	31	111,000	78.						1	2		• •••
refeld	Feb.		108,000	69 54							3	•••••	• • • • •
ix-la-Chapelleothenburg	Jan.	31 30	106, 237 105, 800	41			•••••			1			• • • • • • • • • • • • • • • • • • • •
urich	Jan.	30	91, 323	73			•	1		5	9	54	
ará	Jan.	10	80,000	48		5			1				
ará	Jan.	17	80,000	. 44				2	1		١		
ará	Jan.		80,000	40								.	
ará	Jan.	31	80,000	48 29		2	ļ	•••••	2			·	• •••
eithuayaquil	Feb. Jan.		69, 956	58		14							• • • • • •
rapani	Jan. Jan.		44,000 43,095	16		14							1
areala	Jan.		40, 131	15			i	. 1				.	
[atanzas	Feb.	10	40,000	29								. j	
ibraltar	Jan.	31	25, 755 25, 755	.7									
ibraltar	Feb.	7	25, 755	15 9			•••••		•••••				• • • • •
chiedam era Cruz	Feb. Feb.	6 5	25, 437 25, 000	5		•••••			1				
era Cruz	Feb.	12	25,000	5					İ	l			
irgenti	Jan.		23, 947 20, 000	11				1					
irgentiicata	Jan.	30	20,000	4			l						
'ictoria	Feb.	6	16, 200	5	ļ								
lushing	Feb.		14,000	7	•••••			•••••	•	·	ļ		-
latamoras	Feb.	12 13	12,000 10,340	7 7 2									
ueenstownuxpan	Feb.		10, 280	9						1			
a Guayra	Jan.	30	10,000	3									
ampico	Feb.	14	8,048	24	·	·						. i	.i
arniaoaticook	Feb.	13	6,600	2	1					1			
oaticook	Feb.	13	3, 082 2, 260	1	•••••	į							
mherstburg unta Arenas		13 10	2, 260 2, 000	7	•••••	•••••			1				
unta Arenas	Jan.	17	2,000	3								. ; • • • • • • • • • • • • • • • • • •	
unta Arenas	Jan.	24	2,000	5		1							
		31	2,000										

OFFICIAL:

WALTER WYMAN,