# ABSTRACT OF SANITARY REPORTS.

Vol. IX.

Washington, D. C., April 20, 1894.

No. 16.

TREASURY DEPARTMENT, U. S. Marine-Hospital Service.—Published in accordance with act of Congress approved February 15, 1893.

## UNITED STATES.

[Reports to the Supervising Surgeon-General M. H. S.]

Smallpox on ship Glenalvon from Havre.

DELAWARE BREAKWATER QUARANTINE, April 14, 1894.—British ship Glenalvon, 30 in crew; no passengers; earth and stone ballast; arrived this morning; forty-two days from Havre; has had 2 cases of smallpox, both recovered; eruption appeared on second and third days after sailing; certificate of vaccination of the entire crew; bill of health reports smallpox epidemic; ordered ship to Reedy Island.—Wm. P. ORR, Acting Assistant Surgeon, M. H. S.

REEDY ISLAND QUARANTINE, April 16, 1894.—British ship Glenalvon, forty-two days from Havre; arrived yesterday; disinfected same to-day; 2 cases of smallpox have been convalescent for twenty-two days; crew vaccinated in harbor; those whose vaccination did not take, revaccinated; ship detained.—A. H. GLENNAN, Passed Assistant-Surgeon, M. H. S.

## Smallpox at Milford, Conn.

NEW HAVEN, CONN., April 11, 1894 —It becomes my duty to inform you that 1 case of smallpox exists at Milford, in the county of New Haven, in this State. The person sick is a railroad laborer. He came from Hartford ten days before he was taken sick. The origin of the disease is unknown. The measures taken to restrict are isolation and vaccination. The danger of the disease spreading is controlled.—C. A. LINDSLEY, Secretary State Board of Health.

## Smallpox at Putnam, Conn.

NEW HAVEN, CONN., April 16, 1894.—It becomes my duty to inform you that 2 cases of smallpox exist at Putnam, in the county of Windham, in this State. The persons sick are residents. The origin of the disease is the last case reported from Putnam. The measures taken to restrict are isolation and vaccination. The danger of the disease spreading is not great.—C. A. LINDSLEY, Secretary State Board of Health.

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Report of immigration at New York for the week ended April 14, 1894.

#### OFFICE OF U. S. COMMISSIONER OF IMMIGRATION, Port of New York, April 16, 1894.

Number of alien immigrants who arrived at this port during the week ended April 14, 1894; also names of vessels and ports from which they arrived.

Date	е.	Vessel.	Where from.	No. of immigrants.
1894				
Apr.	8	Steamship Umbria	Liverpool and Queenstown	267
-	8	Steamship Peninsular	Lisbon and The Azores	34
	8	Steamship Obdam	Rotterdam	72
	9	Steamship Veendam	do	113
	9	Steamship La Gascogne	Havre	249
	10	Steamship Elysia	Gibraltar	223
	10	Steamship Moravia	Hamburg and Havre	367
	10	Steamship Friesland	Antwerp	
	11	Steamship Columbia		
	11	Steamship Berlin	Southampton	16
	12	Steamship Slavonia	Helsingborg, Gothenburg, etc	34
	12	Steamship Elbe	Bremen	
	12	Steamship Circassia	Glasgow and Moville	
	12		Liverpool and Queenstown	
	13	Steamship Spree		
	14	Steamship Norwegian	Glasgow	
	14	Steamship Norge		
	14	Steamship Dania	Hamburg and Havre	
	14	Steamship New York	Southampton	36
	14	Steamship New Tork	Southampion	30
		Total		5, 61

Dr. J. H. Senner, Commissioner of Immigration.

Report of immigration at Philadelphia for the week ended April 14, 1894.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION, Port of Philadelphia, Pa., April 14, 1894.

Number of alien immigrants who arrived at this port during the week ended April 14, 1894; also name of vessel and port from which it arrived.

Date.	Vessel.	Where from.	No. of immigrants.
1894. Apr. 13	Steamship Switzerland	Antwerp	141

JNO. J. S. RODGERS, Commissioner of Immigration.

Report of immigration at San Francisco for the week ended April 7, 1894.

Office of U. S. Commissioner of Immigration, Port of San Francisco. April 7, 1894.

Number of alien immigrants who arrived at this port during the week ended April 7, 1894; also names of vessels and ports from which they arrived.

Date.	Vessel.	Where from.	No. of im- migrants.
1894. Apr. 1 1 1 6 7	Steamship Umatilla Steamship Australia	Victoria, B. C	2 3 90 6 7 108

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Reports of States and yearly and monthly reports of cities.

California.—Month of March, 1894. Reports to the State board of health from 88 cities, towns, and villages, having an aggregate population of 773,287, show a total of 1,074 deaths, including phthisis pulmonalis, 193; enteric fever, 12; scarlet fever, 1; diphtheria, 7; croup, 7; and whooping cough, 7.

Oakland.—Month of March, 1894. Estimated population, 60,000. Total deaths, 54, including phthisis pulmonalis, 3; enteric fever, 2; croup, 1; and whooping cough, 1.

CONNECTICUT.—Month of March, 1894. Reports to the State board of health from 168 towns, having an aggregate population of 797,450, show a total of 990 deaths, including phthisis pulmonalis, 125; enteric fever, 7; scarlet fever, 9; diphtheria and croup, 28; and whooping cough, 15.

FLORIDA—Pensacola.—Month of February, 1894. Estimated population, 15,000. Total deaths, 13, including 2 from phthisis pulmonalis.

Iowa—Davenport.—Month of February, 1894. Estimated population, 35,500. Total deaths, 29, including phthisis pulmonalis, 4; enteric fever, 1; and croup, 2.

Month of March, 1894. Total deaths, 35, including phthisis pulmonalis, 3; diphtheria, 2; and croup, 1.

Keokuk.—Month of March, 1894. Estimated population, 20,000. Total deaths, 16, including enteric fever, 1; and whooping cough, 4.

MASSACHUSETTS—Northampton.—Population, 16,400. Total deaths, 12. No deaths from contagious diseases.

MICHIGAN.—Week ended March 31, 1894. Reports to the State board of health, Lansing, from 52 observers, indicate that consumption and pleuritis increased, and that diarrhea decreased in area of prevalence. Scarlet fever was reported present during the week at 47 places; diphtheria at 32; measles at 22; and enteric fever at 14.

Week ended April 7, 1894. Reports from 51 observers indicate that diarrhea increased, and that inflammation of kidney decreased in area of prevalence. Scarlet fever was reported present during the week at 46 places, diphtheria at 33, measles at 25, and enteric fever at 15.

MINNESOTA—Minneapolis.—Month of March, 1894. Estimated population, 223,700. Total deaths, 166, including phthisis pulmonalis, 26; enteric fever, 8; scarlet fever, 8; diphtheria, 5; and whooping cough, 1.

MISSOURI—St. Louis.—Month of March, 1894. Population, 460,000. Total deaths, 766, including phthisis pulmonalis, 89; enteric fever, 8; scarlet fever, 1; diphtheria. 12; croup, 7; and whooping cough, 6.

NEW YORK—Buffalo.—Month of March, 1894. Estimated population, 300,000. Total deaths, 441, including phthisis pulmonalis, 49; enteric fever, 45; scarlet fever, 8; diphtheria, 5; croup, 5, and whooping cough, 5.

RHODE ISLAND—Newport.—Month of March, 1894. Estimated population, 20,000. Total deaths, 32, including phthisis pulmonalis, 4; enteric fever, 3; and whooping cough, 2.

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TENNESSEE—Memphis.—Month of March, 1894. Population, white, 32,376; colored, 25,575; total, 57,951. Deaths, white, 37; colored, 47; total, 84, including phthisis pulmonalis, 14; enteric fever, 2; and diphtheria, 1.

Nashville.—Month of March, 1894. Estimated population, white, 54,596; colored, 33,159; total, 87,754. Deaths, white, 56; colored, 67; total, 123, including phthisis pulmonalis, 20; enteric fever, 1; scarlet fever, 3; croup, 1; and whooping cough. 2.

Washington—Seattle.—Month of March, 1894. Estimated population, 60,000. Total deaths, 47, including phthisis pulmonalis, 4; and enteric fever, 3.

WISCONSIN—Milwaukee.—Month of March, 1894. Estimated population, 265,000. Total deaths, 379, including phthisis pulmonalis, 34; enteric fever, 5; scarlet fever, 2; and whooping cough, 4.

#### PUBLICATIONS RECEIVED.

Eighth Annual Report of the Board of Health of the City of Keokuk, Iowa. year ended March 31, 1894.

Sixteenth Annual Report of the Board of Health of the City of Lawrence, Mass., 1893.

Report on Tuberculosis in Ontario, presented to the Provincial Board of Health and adopted with recommendations therein contained, by P. H. Bryce, M. A, M. D., Secretary, 1894.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

			vi ∴8	from				I	Deatl	hs fr	om-	-			
Cities.	Week ended		Population, U. Census of 1890	Total deaths fall causes.	Phthisis pul- monalis.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.		Whooping
Auburn, N. Y Baltimore, Md		14 14	25, 858 434, 439	6 162	19						 4		1		
Boston, Mass		14	448, 477	208	23								14		
Brooklyn, N. Y		14	806, 343		35		6				1	9	25	5	
Cincinnati, Ohio	Apr.	13	296, 908	109	16						3		3		
Cleveland, Ohio	Apr.	14	261,353	97	13							3	3	5	
Detroit, Mich		11	205,870	70		•••••							4		
Milwaukee, Wis		14	204, 468	- 88	13	• • • • • • • • • • • • • • • • • • • •		}					2	•••••	
Mobile, Ala		14	31,076	22	3	•••••									
Nashville, Tenn		14	76, 306	25								1	1	•••••	
Newark, N. J		31	181, 830	75								6	3		
Newark, N. J	Apr.	7	181,830	90	14	•••••						1	1	1	
Newark, N. J		14	181, 830	93	7	•••••			•••••			2	1	1	
New Orleans, La	Apr.	7	242, 039	113	22 79	•••••	7				2 5			10	
New York, N. Y		14	1, 515, 301 11, 750	833	19						9	20	41	16	
Pensacola, Fla Philadelphia, Pa		7		440	66	•					7	9	18	6	••••
Pittsburg, Pa	Apr. Apr.	7	1,046,964 238,617	74	8						'	3	2		
Portland, Me	Apr.	14	36, 425	12	ı			•••••		···•		٥	2		
Providence R I	Apr.		132, 146	51						•••••	1	1	-	3	••••
Providence, R. I Richmond, Va	Apr.	7	81, 388	34	9						•				
Rochester, N. Y	Apr	14	133, 896	28	3					••••					
St. Louis, Mo	Apr.	7	451,770	180	20						4		7		
San Diego, Cal		7	16, 159	4											
San Francisco, Cal		7	298, 997	129	20							1	1		
Shreveport, La		7	11,979	3	1										
Shreveport, La		14	11,979	4	2										
Washington, D. C	Apr.	7	230, 392	139	11						1	1	3		!
Yonkers, N. Y		13	32,033	13									1	2	
Youngstown, Ohio	Apr.	13	33, 220	9	1		l. <b></b> .				l				

#### Table of temperature and rainfall, week ended April 16, 1894.

#### [Received from Department of Agriculture, Weather Bureau.]

Locality.	Tempe	erature in Fahrenhe	degrees it.	Rainfall in inches and hundredths.					
Locality.	Normal.	*Excess.	*Defic'ncy.	Normal.	Excess.	Deficiency.			
New England States:									
Eastport Me	38		2	.73		-58			
Eastport, MePortland, MeNorthfield, Vt	40	0		.70	.20				
Northfield, Vt	38	ž		·5ĭ		•51			
Boston, Mass	44	l	6	.86	·84				
Nantucket. Mass	41		Š	.63		.03			
Nantucket, Mass Block Island, R. I	43		3	.70	.70	l			
New London, Conn	45		3	.90		.50			
Aiddle Atlantic States: Albany, N. Y New York, N. Y	l	l							
Albany, N. Y	46	0		.59		.59			
New York, N. Y	48	1	4	.78	.42				
Philadelphia, Pa	50		4	.70		.20			
Atlantic City, N. J	46		2	.78	.02				
Baltimore, Md	52		8	.77	1 .53				
Washington, D. C	52		6	.70	.96				
Washington, D. C	55		6	.75	.05				
NOTIOIK, Va	55		5	.98		.0			
outh Atlantic States:		İ				_			
Charlotte, N. C	59		5	*84		.3			
Charlotte, N. C	60		4	.72		.4			
Charleston, S. C	63		3	.98		.8			
Augusta, Ga	63		3	.91		.8			
Savannah, Ga	65		3	.97		.6			
Jacksonville, Fla	68		2	.70		.7			
Titusville, Fla	71		3	*44		.4			
Jupiter, Fla	74		2	.42		.2			
Key West, Fla	76	0		.28		.2			
ulf States:	61	1	3	.78	•22				
Atlanta, Ga	61			.91	22	.0			
Pensacola, Fla	67 67		1	1.28		.4			
Mobile, Ala	65	0	1	1.27		.3			
Montgomery, AlaVicksburg, Miss	66	0	1	1.54		1.2			
New Orleans, La	69	1 1		1.26	··········	1.3			
Shreveport, La	67	3		1.33		.9			
Fort Smith Ark	62	2		1.38	•••••	1.1			
Little Rook Ark	62	ő	·····	1.12		1.9			
Fort Smith, ArkLittle Rock, ArkPalestine, Tex	66	4	·····	1.97		·ĭ			
Galveston, Tex	69	i		.70		.3			
San Antonio, Tex	69	3		.82		.7			
Corpus Christi, Tex	70	2		.30		·i			
hio Valley and Tennessee:  Memphis, Tenn Nashville, Tenn		_		, , ,		Ì			
Memphis, Tenn	62	1	2	1 .33		.7			
Nashville, Tenn	59		5	1.19		•4			
Chattanooga, Tenn	60		4	1.06		.3			
Knoxville, Tenn	58		6	1 .23		.6			
Knoxville, Tenn Louisville, Ky	56		4	1.05		.7			
Indianapolis, Ind Cincinnati, Ohio	51	1		.81		.0			
Cincinnati, Ohio	53		3	.70		.2			
Columbus, Ohio	50	0		.62		•2			
Parkersburg, W. Va	51		3	.77		.0			
Pittsburg, Pa	50		4	.63	.27	· · · · · · · · · · · · · · · · · · ·			
ake Region:						.3			
Oswego, N. Y	41	1		·49 ·62		9			
Oswego, N. Y	42	* 0			.18	· · · · · · · · · · · · · · · · · · ·			
Erio Do	40	2	1	·56	1 .24	4			
Erie, Pa	43		1	·59 ·49		•2			
Cleveland, Ohio	44 45	2		56		•1			
Sandusky, Ohio Toledo, Ohio		2		.49	.01				
Detroit, Mich	46 45	2	·····	.49	.31				
Port Huron, Mich	40	3		.42	.42				
Alpena, Mich		6		•49	11				
Marguette Mich	36	3		•49	.61				
Marquette, Mich	41	3		.44	.46				
Grand Haven Mich	43	3		.56	.24				
Milwaukee, Wis.	42	2		.63	.47				
Chicago, Ill	45	l *	1	.76	.04				
Chicago, Ill Duluth, Minn Jpper Mississippi Valley:	37	1	l	.49	1.41				
pper Mississippi Valley:		1		i	1				
St. Paul, Minn	45		1	.52		.2			
La Crosse, Wis	47	1		.42		.3			

<sup>\*</sup>The figures in these columns represent the average daily departure. To obtain the average weekly departure these should be multiplied by seven.

Table of temperature and rainfall, week ended April 16, 1894—Continued.

Locality.		erature in Fahrenhei		Rainfall in inches and hundredths.						
Bocanty.	Normal.	*Excess.	*Defic'ncy.	Normal.	Excess.	Deficiency				
Francisco de la Caralda										
Upper Mississippi Valley—Cont'd.	48	0		.62		-6:				
Dubuque, Iowa	49	1		.56		-5				
Davenport, Iowa	50	0		.51		.5				
Des Moines, Iowa	50 52	0	2	.63		.5				
Keokuk, Iowa	53 53		3	.65		.6				
Springfield, Ill			4			.5				
Cairo, Ill	58		2	.91		.6				
St. Louis, Mo	56		z	.77						
Missouri Valley:						.,				
Springfield, Mo	56	0		'91		:4				
Kansas City, Mo	54	0		:71		.5				
Wichita, Kans	55	4		.68	:38					
Concordia, Kans	53	1		.75	.55					
Omaha, Nebr	51	0		.70	.20					
Valentine, Nebr	46	2		48	.02					
Huron, S. Dak	46		2	54		.0				
Pierre, S. Dak	48		2	.42	.18					
Moorehead, Minn	39		1	.49		•1				
St. Vincent, Minn	36	0		.28	.62					
Bismarck, N. Dak	42		2	.52	38					
Williston, N. Dak	42		2	.27	.23					
Rocky Mountain Slope:					1	1				
Havre, Mont	44		2	.21	.09					
Helena, Mont	44		2	.28	.22					
Miles City, Mont	46	0		.22	.18					
Rapid City, S. Dak	45	1		.42	1.08					
Spokane, Wash	48		4	.28	.52					
Wallawalla, Wash	54		6	'35	•55					
Winnemucca, Nev	48		4	.25		2				
Salt Lake City, Utah	50		2	.56	.06					
Lander, Wyo	41	1		41		.(				
Cheyenne, Wyo	42	4		*34		.1				
North Platte, Nebr		1		54		-:				
Denver, Colo		3		•46						
Pueblo, Colo		3		42						
Dodge City, Kans	53	5		. 33	1.47					
Abilene, Tex	63	7		. 75		•				
Santa Fe, N. Mex	47	i		. 21	1.09					
El Paso, Tex	63	3		. '07						
Tucson, Ariz		1		. 07		.  •				
Pacific Coast:		_		1						
Port Angeles, Wash	45			. 45						
Olympia, Wash			. 3	.78	.12					
Portland, Oreg			7	.73		.  '				
Rosehurg Oreg		1	4	.63						
Roseburg, OregRed Bluff, Cal	60	2		. 58						
Sacramento, Cal		3		66						
San Francisco, Cal		1	2	. 51		.] .				
Fresno, Cal		0	T	33						
Los Angeles, Cal		1	2	.42						
		1	3	21		• )				
San Diego, Cal		0								
Yuma, Ariz	. 10	1 0		., 50		1				

<sup>\*</sup>The figures in these columns represent the average daily departure. To obtain the average weekly departure these should be multiplied by seven.

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#### FOREIGN.

[Reports received from the U. S. consuls through the Department of State and from other sources.]

#### BRAZIL.

#### Yellow fever at Rio.

RIO DE JANEIRO, March 13, 1894.—I have the honor to transmit the report for the week ended March 10, 1894. It shows an increase of 79 deaths from yellow fever over the previous week, and also an increase of 131 in the number from all causes. The greatest mortality was on the 6th, when there were 102 deaths from yellow fever and 178 from all causes. It rained heavily on the 9th and 10th, with a strong wind from the southwest, and a corresponding fall in the temperature, and the number of deaths has sensibly diminished, but as to-day it is getting hotter, we may have an increase again. Since last report I have inspected and given bills of health to steamship *Galileo*, Belgian, for New York, on March 7; steamship *Pascall*, English, for New Orleans, on March 7; barkentine *Priscilla*, American, for Baltimore, on March 10.—R. CLEARY, M. D., *Sanitary Inspector*, M. H. S.

RIO DE JANEIRO, March 20, 1894.—I have the honor to transmit herewith the report for the week ended March 17, 1894. I am glad to note a sensible decrease in the deaths from yellow fever. there were 413, whilst the previous week shows 589, a difference of 176, whilst in the total from all causes there was a decrease of 208. result is due to the rain storm on the 9th and 10th instants, which lowered the temperature. There is a heavy storm now in the Rio de la Plata, which appears to be coming this way, and which will have a further beneficial effect. The revolution is over in the bay, and the port health authorities will now resume their duties. I have already written to the chief of the department for information as to the disinfection of ships. You will observe that deaths from typhoid fever have increased from 10 to 14, but I do not consider this as evidence of a coming epidemic, for always during the hot season there occur cases of this disease here. During this week, of the deaths, 566 were foreigners and 233 Brazilians, as yellow fever is always more rife amongst the unacclimated; 258 of the whole number were indigents. These proportions have more or less prevailed during the summer.—R. CLEARY, M. D., Sanitary Inspector, M. H. S.

#### NOVA SCOTIA.

### Arrival of emigrants at Halifax.

Halifax, April 10, 1894.—I have the honor to inform you of the arrival at this port of the steamship Sarnia, from Liverpool, England, with 78 emigrants for the United States, all well. No baggage disinfected. Dr. Wickwire, quarantine officer, reports that 1 case of measles occurred during voyage; isolated; the patient, a boy destined for Canada, is now landed at Halifax and isolated.—George Hill, Vice and Deputy Consul-General.

HALIFAX, April 16, 1894.—I have the honor to inform you of the arrival on Sunday, 15th instant, at this port of the steamship *Numidian*,

from Liverpool, England, with 45 emigrants destined for the United States. One death occurred on passage (a lady) from cirrhosis of liver, and I have also the honor to inform you of the arrival of the steamship Buenos Ayrean from the same port this day with 16 emigrants; all well; no baggage disinfected.—George Hill, Vice and Deputy Consul-General.

#### STATISTICAL REPORTS.

AFRICA—Mozambique.—Month of December, 1893. Population, 12,000. Total deaths, 3. No deaths from contagious diseases.

CUBA—Havana.—Under date of April 7, 1894, the United States sanitary inspector makes the following report:

There were 521 deaths in this city during the month of March, 1894. Two of those deaths were caused by yellow fever, 7 by enteric fever, 16 by so called pernicious fever, 3 by paludal fever, 20 by diphtheria, 25 by smallpox, 3 by glanders, 38 by chronic entero-colitis, 1 by cholera infantum, and 23 by pneumonia.

During the week ended April 5 there were 109 deaths, 13 of which were caused by smallpox, with 115 new cases, approximately; 4 were caused by so-called pernicious fever, 1 by enteric fever, 1 by diphtheria, 1 by glanders, 9 by entero-colitis, 1 by dysentery, 1 by cholera infantum, and 4 by pneumonia.

GREAT BRITAIN—England and Wales.—The deaths registered in 33 great towns of England and Wales during the week ended March 31 corresponded to an annual rate of 20.0 a thousand of the aggregate population, which is estimated at 10,458,442. The lowest rate was recorded in Bristol, viz, 14.5, and the highest in Salford, viz, 25.8 a' thousand.

London.—One thousand seven hundred and thirty-seven deaths were registered during the week, including measles, 138; scarlet fever, 23; diphtheria, 57; whooping cough, 73; enteric fever, 12; and diarrhea and dysentery, 7. The deaths from all causes corresponded to an annual rate of 20.8 a thousand. Ingreater London 2,174 deaths were registered, corresponding to an annual rate of 19.1 a thousand of the population. In the "outer ring" the deaths included smallpox, 5; diphtheria, 16; whooping cough, 25; measles, 8; and scarlet fever, 6.

Hull.—Two weeks ended March 24, 1894. Population, 212,679. Total deaths, 141, including enteric fever, 1; diphtheria, 1; and whooping cough, 8.

Ireland.—The average annual death rate represented by the deaths registered during the week ended March 31 in the 16 principal town districts of Ireland was 32·1 a thousand of the population. The lowest rate was recorded in Lisburn, viz, 21·3, and the highest in Drogheda, viz, 61·5 a thousand. In Dublin and suburbs 216 deaths were registered, including measles, 1; scarlet fever, 1; whooping cough, 5; diphtheria, 1; and enteric fever, 4.

Scotland.—The deaths registered in 8 principal towns during the week ended March 31 corresponded to an annual rate of 20.5 a thousand of

the population, which is estimated at 1,447,500. The lowest mortality was recorded in Paisley, viz, 13·3, and the highest in Perth, viz, 29·1 a thousand. The aggregate number of deaths registered from all causes was 584, including measles, 4; scarlet fever, 9; diphtheria, 5; whooping cough, 39; "fever," 9, and smallpox, 1.

West Indies—St. Helena.—Two weeks ended February 24, 1894. Population 3,877. Total deaths, 9. No deaths from contagious diseases.

MORTALITY TABLE, FOREIGN CITIES.

		-ella	from .			J	Deat	hs fr	om-	-		
Cities.	Week ended.	Estimated popula- tion.	Total deaths f	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Acapulco	Mar. 28	4,000	4									
Aden	Feb. 10	33, 561	35									
Aden	Mar. 3	33, 561	24									
Aden	Mar. 10	33, 561	19								•••••	•••••
Aix la Chapelle	Mar. 24	108, 409	50			••••						
Alexandria	Mar. 15	231, 396	213 135		•••••		•••••			1	2	
AmsterdamBasle.	Mar. 31 Mar. 24	447, 293 80, 000	34		•••••			T		1	1	· · · · · ·
Belfast	Mar. 31	269, 200	208							1	22	
Belleville	Apr. 7	10, 201	4							-		
Berlin	Mar. 17	1, 767, 639	149					1	1	17		
Birmingham	Mar. 31	492, 301	180					2	3	i	19	1
Bologna	Mar. 31	146,068	74							2		
Bradford	Mar. 31	221,610	74					2	3	1		2
Bremen	Mar. 24	127,000	37							2	1	
Bristol	Mar. 31	226, 578	63 51			1				1	3	
BrunswickBrunswick	Mar. 17 Mar. 24	$111,250 \\ 111,250$	61		•••••		•••••		•••••	•••••	•••••	
Brussels	Mar. 24	482, 158	195		•••••			•••••				
Cairo	Mar. 15	374, 838	366							1	1	1 3
Calcutta	Feb. 24	681,560	470	57		5				2	3	
Calcutta	Mar. 3	681,560	468	54		6					2	1 :
Cardenas	Apr. 7	23, 517	7			•••••						····
Cardiff	Mar. 31	148, 890	53 44		•••••		•••••		1	3	•••••	
Catania Catania	Mar. 25 Apr. 1	113,000 113,000	62					2	1	i		
Chatham	Apr. 7	10,000	2									
Chemnitz	Mar. 24	150,000	85							5		
Christiania	Mar. 24	167, 145	59					1			14	٠
Cienfuegos	Apr. 7	23,000	17									
Cognac	Apr. 1	17,500	5		•••••			1			1	1
Colombo	Mar. 24 Mar. 3	306, 550 130, 000	111 66					1	2	5	5	
Colombo	Mar. 10	130,000	87									
Colon	Mar. 24	5,000	8									
Colon	Mar. 31	5,000	7									
Copenhagen	Mar. 17	361,000	128							3	1	
Crefeld	Mar. 24	107,000	40							3		
Crefeld	Mar. 31	107,000	35 3							2		
DeniaDresden	Apr. 2 Mar. 17	$14,000 \\ 312,770$	127		•••••		•••••			10	1	
Dublin	Mar. 31	350,000	216									
Dundee	Mar. 31	350, 000 158, 719	68								3	1
Dusseldorf	Mar. 24	162, 832	56				1					
Edinburgh	Mar. 31	270,588	82									
Fayal	Mar. 17	23, 382	4									· ····
FayalFlorence	Mar. 24 Apr. 1	23, 382 188, 594	181									
Flushing	Mar. 24	15, 198	2									
Flushing	Mar. 31	15, 198	4									
Frankfort on the Main	Mar. 24	196,000	61	ļ				1		2	1	
Frankfort on the Main	Mar. 31	196,000	75	ļ			ļ	ļ		3		
Funchal	Mar. 17	35, 665	14			ļ		4				
Funchal	Mar. 24	36, 665	14			ļ						
		181,982	96	1						4		
Genoa	Mar. 24	150,000										
GhentGhent	Mar. 24 Mar. 24 Mar. 31	153, 803 153, 803	56 57									

# MORTALITY TABLE, FOREIGN CITIES—Continued.

		oula-	from	Deaths from—								
Cities.	Week ended.  Estimated population.		Estimated polyton, tion.  Total deaths all causes.		Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping
Girgenti	Mar. 26	23, 847	7									
Glasgow	Mar. 31	686, 820	295				9					1
Gothenburg	Mar. 24	108,000 17,200	24							ļ		
GuadeloupeGuadeloupe	Mar. 18 Mar. 25	17, 200	14 8		1							
Guelph		10, 689	ă	1								
Halifax	Apr. 7	38,700	16							1		
Hamburg	Mar. 26	647, 479 15, 013	212							ļ		
Hamilton Hamilton	Mar. 30 Apr. 6	15,013	2									
Hanover	Mar. 17	197,000	64									
Havana	Apr. 5	198, 620	109			13			·····	1		
Kehl Kingston, Canada	Mar. 24 Apr. 13	129, 556 19, 264	54 2							3	•••••	
Konigsberg	Mar. 25	167,000							3	3		
Leeds	Mar. 31	388, 761	111					2	2	2		1
Leghorn	Mar. 31	103, 230	43					1				
Leith Liege	Mar. 31 Mar. 24	72, 003 155, 898	28 65			1				1	5	
Liege	Mar. 31	155, 898	78								3	
Liverpool	Mar. 31	507, 200	238				2	7	7	1	16	
London, Canada	Apr. 7	35,000	2, 174	•••••	•••••		•••••	1			1.40	
London, England Lyons	Mar. 31 Mar. 24	5, 948, 300 500, 000	185			5		15 2	29	$\begin{bmatrix} 73 \\ 2 \end{bmatrix}$	146	
Magdeburg	Mar. 17	219, 173	96							12	1	
Manchester	Mar. 31	523, 365	225	ļ		1		3	3	6	3	
Manila	Feb. 24	350,000	209								·····	
Manila Mannheim	Mar. 3 Mar. 24	350,000 88,000	239 38							1		
Marsala	Mar. 24	40, 131	25					1				
Matamoras	Apr. 6	8,000	6									ļ
Matanzas	Apr. 4	40,000 72,281	20 26									
Mayence Merida	Mar. 24 Mar. 24	46, 680	35							1		
Merida	Mar. 31	46, 680	51									
Munich	Mar. 24	390,000	181							3		ļ
Nagasaki Newcastle on Tyne	Mar. 16 Mar. 31	64, 274 201, 947	82			15			1	2		l
Nogales	Apr. 7	1, 200	2							2		
Nuremberg	Mar. 10	155, 312	67						1	3	ļ <u>.</u>	1
Nuremberg	Mar. 17	155, 312	65 126		•••••	•••••	2		1	3	2	1
Odessa Palermo	Mar. 24 Mar. 24	324, 500 250, 000	133					3	6	5 4		l
Paris	Mar. 31	2, 424, 705	1,170			7			2	32	29	
Plymouth	Mar. 31	86, 781	40		i					ļ <u>.</u>		
Prague Queenstown	Mar. 24 Mar. 31	188, 140 15, 000	130					4		5	12	
Rheims	Mar. 24	105, 408	50	1				1		3	2	••••
Rheims	Mar. 31	105, 408	48								3	
Rio de Janeiro	Mar. 10	600,000	1,007				ļ					
Rio de Janeiro Rome	Mar. 17 Mar. 31	600, 000 300, 467	799 219	•••••	413			14		2	5	1
Rotterdam	Mar. 24	222, 596	92			7				ī		
Rotterdam	Mar. 31	222, 596	122			12			1	<b></b> .		
Sagua la Grande	Apr. 7 Apr. 9	18, 109 15, 013	$\frac{9}{2}$			·····						
St. Georges St. Petersburg	Mar. 10	1,000,000				5		10	10	10	22	
St. Thomas	Mar. 9	12,019 12,019	32								<b> </b>	
St. Thomas	Mar. 16		37 28									
St. Thomas Sarnia	Mar. 23   Apr. 7	12,019 7,000	20									
Schiedam	Mar. 24	25, 580	9							1		
Schiedam	Mar. 31		8									
Sheffield Sonneberg	Mar. 31 Mar. 25	324, 243	121					2		1	2	
Southampton	Mar. 31	324, 243 12, 000 66, 774 125, 000 249, 246 139, 659	19									1
Stettin	Mor 24	125,000	50							2		
$Stockholm \dots \dots \dots \dots \dots$	Mar. 24 Mar. 29 Mar. 31	249, 246	81					L	3	10		
Stuttgart Sunderland	Mar. 29	139,009	47 52				ļ	1		4	1	
Swansea	Mar. 22	95, 390	27					i			2	
Swansea	Mar. 31	136, 101 95, 390 95, 390 7, 000	31		ļ							1
Tampico Trapani	Mar. 31	7,000	9									. j
Tranani	Mar. 24	63,095	12	1	٠		.1	.i 1	\ <b>1</b>	1	\ <b>2</b>	١.,

#### MORTALITY TABLE, FOREIGN CITIES—Continued.

•		popula-	from			1	Deat	hs fr	om-	-		
Cities.	Week ended.	Estimated poption.	Total deaths	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough,
Trieste Truxillo	Mar. 17 Mar. 24 Mar. 17 Mar. 31 Mar. 24 Apr. 5 Mar. 17 Mar. 17	158, 314 158, 314 8, 000 10, 280 160, 406 25, 500 515, 654 115, 000	104 100 1 8 83 32 178 51				3	1	2	4 2  4 5	2 4  1 1	1

By authority of the Secretary of the Treasury:

WALTER WYMAN,
Supervising Surgeon-General Marine-Hospital Service.