

# ABSTRACT OF SANITARY REPORTS.

VOL. IX.

WASHINGTON, D. C., MARCH 23, 1894.

No. 12.

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.]

*Arrival of steamship Auretta at Port Royal, S. C. with suspicious sickness on board. Vessel ordered to South Atlantic Quarantine.*

PORT ROYAL, S. C., March 20, 1894.—Steamer *Auretta* arrived to-day. Foul bill of health. Four days out from Liverpool a seaman died under suspicious circumstances. Indications point to typhus fever. Upon inspection found crew well, but strongly advise that she be remanded to South Atlantic Quarantine, where she can be thoroughly disinfected. All precautions taken, and pilot kept on board.—ALLEN STUART, *Quarantine Officer.*

NOTE.—On receipt of the above, the collector of customs at Beaufort, S. C. was ordered by telegraph to remand the vessel to South Atlantic Quarantine Station.

### *Smallpox in Michigan.*

LANSING, March 20, 1894.—It becomes my duty to inform you that 1 case of smallpox exists at Ishpeming, in Marquette County, this State. The patient was taken sick March 13. The origin of the disease is probably Chicago, Ill. The measures taken to restrict are isolation of sick and infected, and vaccination and revaccination; 2,700 persons, mostly children, were recently vaccinated. Four cases yet remain at Menominee, and 1 case at Crystal Falls. At Otsego the outbreak is ended.—HENRY B. BAKER, *Secretary State Board of Health.*

*Report of immigration at Boston for the week ended March 17, 1894.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Boston, Mass., March 19, 1894.*

*Number of alien immigrants who arrived at this port during the week ended March 17, 1894; also name of vessel and port from which it arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
1894. Mar. 11	Steamship Polynesia .....	Hamburg and Flushing .....	138

S. C. WRIGHTINGTON,  
*Commissioner of Immigration.*

*Report of immigration at New York for the week ended March 17, 1894.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of New York, March 18, 1894.*

*Number of alien immigrants who arrived at this port during the week ended March 17, 1894; also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
1894.			
Mar. 11	Steamship Ethiopia .....	Glasgow.....	156
12	Steamship Umbria.....	Liverpool and Queenstown.....	179
12	Steamship California.....	Naples.....	326
12	Steamship Dresden.....	Bremen .....	273
12	Steamship Spaarndam.....	Rotterdam and Boulogne.....	67
12	Steamship La Champagne.....	Havre.....	178
13	Steamship Siberian.....	Glasgow.....	40
13	Steamship Kaiser Wilhelm II.....	Genoa.....	218
15	Steamship Lahn .....	Bremen.....	432
15	Steamship Majestic.....	Liverpool and Queenstown.....	426
15	Steamship State of Nebraska.....	Glasgow.....	36
16	Steamship Rhyndland.....	Antwerp.....	90
16	Steamship Kronprinz Frederich Wilhelm.....	Naples.....	503
17	Steamship Alesia.....	do.....	156
17	Steamship Veza.....	Lisbon and The Azores.....	118
	Total.....		3,198

EDW. F. MCSWEENEY,  
*Acting Commissioner of Immigration.*

*Report of immigration at Philadelphia for the week ended March 17, 1894.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Philadelphia, Pa., March 19, 1894.*

*Number of alien immigrants who arrived at this port during the week ended March 17, 1894; also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
1894.			
Mch. 12	Steamship Ohio .....	Liverpool.....	135
Mch. 17	Steamship Pennsylvania.....	Antwerp.....	165
	Total.....		300

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

*Report of immigration at San Francisco for the week ended March 10, 1894.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of San Francisco, March 10, 1894.*

*Number of alien immigrants who arrived at this port during the week ended March 10, 1894; also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
1894.			
Mar. 7	Steamship Umatilla.....	Victoria, British Columbia.....	3
9	Steamship Gaelic.....	China and Japan.....	44
10	Steamship Australia.....	Honolulu.....	6
	Total.....		53

WALTER P. STRADLEY,  
*Commissioner of Immigration.*

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

ALABAMA—*Mobile*.—Month of January, 1894. Population, 31,076. Total deaths, 94, including phthisis pulmonalis, 8; enteric fever, 1; and whooping cough, 1.

Month of February, 1894. Total deaths, 85, including phthisis pulmonalis, 15; enteric fever, 2; and whooping cough, 2.

CALIFORNIA—*Oakland*.—Month of February, 1894. Estimated population, 60,000. Total deaths, 63, including phthisis pulmonalis, 4; enteric fever, 1; scarlet fever, 1; and whooping cough, 1.

*San Francisco*.—Estimated population, 330,000. Total deaths, 498, including phthisis pulmonalis, 95; enteric fever, 7; scarlet fever, 3; diphtheria, 2; and croup, 5.

CONNECTICUT.—Month of February. Reports to the State board of health from 164 towns, having a population of 794,189, show a total of 1,069 deaths, including phthisis pulmonalis, 116; enteric fever, 13; scarlet fever, 3; diphtheria and croup, 33; measles, 1; and whooping cough, 14.

INDIANA—*Evansville*.—Month of February, 1894. Population, 55,756. Total deaths, 79; including phthisis pulmonalis, 14; croup, 1; and whooping cough, 1.

IOWA.—Month of January, 1894. The following mortuary report is extracted from the Monthly Bulletin for March :

*Clinton*.—Scarlet fever, 1; whooping cough, 1; typhoid fever, 1; consumption, 4; pneumonia, 1; cerebro-spinal meningitis, 1; meningitis, 1; paralysis, 2; accident, 1. Total deaths, 20. Population, 22,000. Death rate per 1,000, 0·909. For December, 1·4.

*Council Bluffs*.—Smallpox, 1; consumption, 2; pneumonia, 5; membranous croup (diphtheria), 3; suicide, 1; cholera infantum, 1. Total deaths, 25. Population, 35,000. Death rate per 1,000, 0·74. For December, 0·74.

*Boone*.—Diphtheria, 2; scarlet fever, 1; typhoid fever, 1; consumption, 1; pneumonia, 1; cancer, 2; accidents, 3. Total deaths, 16. Population, 10,000. Death rate per 1,000, 1·6.

*Burlington*.—Measles, 1; typhoid fever, 1; meningitis, 3; consumption, 3; pneumonia, 1; paralysis, 1; cancer, 2; accident, 2. Total deaths, 22. Population, 30,000. Death rate per 1,000, 0·73.

*Davenport*.—Diphtheria, 2; membranous croup, 2; consumption, 5; pneumonia, 10; la grippe, 2; paralysis, 1; cancer, 2; old age, 2; accident, 2. Total deaths, 54. Population, 34,000. Death rate per 1,000, 1·5. For December, 1·76.

*Des Moines*.—Consumption, 10; pneumonia, 12; diphtheria, 5; la grippe, 7; typhoid fever, 5; cerebro-spinal fever, 3; malarial fever, 1; cholera infantum, 1; cancer, 5; accident, 4; old age, 3. Total deaths, 90. Population, 75,846. Death rate per 1,000, 1·18. For December, 0·4.

*Dubuque*.—Membranous croup, 1; scarlet fever, 1; consumption, 5; pneumonia, 1; meningitis, 1; puerperal fever, 1; paralysis, 3; accident, 2; cancer, 1. Total deaths, 36. Population, 40,000. Death rate per 1,000, 0·825. For December, 0·62.

*Keokuk*.—Consumption, 2; pneumonia, 1; typhoid fever, 1; old age, 1; accident, 2. Total deaths, 16. Population, 20,000. Death rate per 1,000, 0·8. For December, 0·8.

*Mason City*.—Consumption, 1; spinal meningitis, 1; accident, 1; old age, 1. Total deaths, 4. Population, 5,500. Death rate per 1,000, 0·72. For December, 0·9.

*Ottumwa*.—Consumption, 4; pneumonia, 4; typhoid fever, 1; cancer, 1; accident, 2. Total deaths, 22. Population, 17,000. Death rate per 1,000, 1·5. For December, 1.

*Oskaloosa*.—Pneumonia, 2; dysentery, 1; accident, 2. Total deaths, 10. Population, 7,500. Death rate per 1,000, 1·3. For December, 0·06.

MASSACHUSETTS—*Brockton*.—Month of February, 1894. Estimated population, 30,000. Total deaths, 46, including 9 from phthisis pulmonalis.

*Worcester*.—Month of February, 1894. Estimated population, 98,000. Total deaths, 146, including phthisis pulmonalis, 13; enteric fever, 2; diphtheria, 10; and measles, 3.

MICHIGAN.—Reports to the State board of health, Lansing, from 56 observers indicate that inflammation of kidney, intermittent fever, inflammation of bowels, pleuritis, and consumption increased in area of prevalence. Scarlet fever was reported present during the week at 46 places, diphtheria at 28, enteric fever at 13, measles at 13, and small-pox at 2 places.

MINNESOTA—*Minneapolis*.—Month of February, 1894. Estimated population, 223,700. Total deaths, 151, including phthisis pulmonalis, 19; enteric fever, 2; scarlet fever, 9; and diphtheria, 7.

TENNESSEE—*Nashville*.—Month of February, 1894. Estimated population, white, 54,595; colored, 33,159; total, 87,754. Deaths, white, 56; colored, 49; total, 105, including phthisis pulmonalis, 16; scarlet fever, 1; croup, 2; and whooping cough, 2.

WASHINGTON—*Seattle*.—Month of February. Estimated population, 60,000. Total deaths, 32, including phthisis pulmonalis, 6; diphtheria, 2.

WISCONSIN—*Milwaukee*.—Month of February, 1894. Estimated population, 265,000. Total deaths, 335, including phthisis pulmonalis, 35; enteric fever, 8; scarlet fever, 4; diphtheria, 10; croup, 8; measles, 23; and whooping cough, 2.

PUBLICATIONS RECEIVED.

Report of the Municipal Service for Preventing the Spread of the Cholera Epidemic at Bilbao.

Fifteenth Annual Report of the Board of Health of the City of Memphis, 1893.



Table of temperature and rainfall, week ended March 12, 1894.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Defic'ncy.	Normal.	Excess.	Deficiency.
<b>New England States:</b>						
Eastport, Me.....	27	11		1.23		1.17
Portland, Me.....	29	12		.81		.74
Northfield, Vt.....	23	16		.87		.70
Boston, Mass.....	33	13		.99		.96
Nantucket, Mass.....	33	9		.90		.74
Block Island, R. I.....	34	9		.93		.87
New London, Conn.....	34	10		1.14		.95
<b>Middle Atlantic States:</b>						
Albany, N. Y.....	31	12		.70		.53
New York, N. Y.....	35	12		.93		.68
Philadelphia, Pa.....	39	12		.70		.60
Atlantic City, N. J.....	36	10		.91		.86
Baltimore, Md.....	40	13		.98		.97
Washington, D. C.....	39	15		.96		.93
Lynchburg, Va.....	45	10		.91		.89
Norfolk, Va.....	46	9		1.03		.74
<b>South Atlantic States:</b>						
Charlotte, N. C.....	49	10		1.12		.73
Wilmington, N. C.....	53	11		.95		.77
Charleston, S. C.....	56	9		.91		.77
Augusta, Ga.....	55	10		1.21		.77
Savannah, Ga.....	58	10		.82		.30
Jacksonville, Fla.....	61	8		.77	.02	
Titusville, Fla.....	65	4		.71		.69
Jupiter, Fla.....	69	0		.41		.41
Key West, Fla.....	72	1		.28		.28
<b>Gulf States:</b>						
Atlanta, Ga.....	50	10		1.41		.68
Pensacola, Fla.....	59	5		1.26	2.62	
Mobile, Ala.....	58	5		1.63	.09	
Montgomery, Ala.....	56	8		1.40		.24
Vicksburg, Miss.....	57	5		1.42	.99	
New Orleans, La.....	61	5		1.25	.71	
Shreveport, La.....	57	6		1.05		.65
Fort Smith, Ark.....	49	5		.56		.46
Little Rock, Ark.....	52	6		1.17		.55
Palestine, Tex.....	58	6		.98		.66
Galveston, Tex.....	61	5		.73		.53
San Antonio, Tex.....	61	8		.42		.42
Corpus Christi, Tex.....	63	4		.42	.02	
<b>Ohio Valley and Tennessee:</b>						
Memphis, Tenn.....	51	7		1.33	.91	
Nashville, Tenn.....	47	6		1.30		.71
Chattanooga, Tenn.....	49	8		1.52		1.04
Knoxville, Tenn.....	47	8		1.29		.71
Louisville, Ky.....	44	7		.92		.81
Indianapolis, Ind.....	37	9		.91	.29	
Cincinnati, Ohio.....	41	7		.80		.35
Columbus, Ohio.....	37	10		.77		.58
Parkersburg, W. Va.....	40	10		.70		.32
Pittsburg, Pa.....	37	13		.63		.47
<b>Lake Region:</b>						
Oswego, N. Y.....	28	12		.63		.25
Rochester, N. Y.....	28	15		.63		.26
Buffalo, N. Y.....	28	14		.63		.17
Erie, Pa.....	31	12		.70		.36
Cleveland, Ohio.....	31	11		.69		.47
Sandusky, Ohio.....	32	11		.63		.45
Toledo, Ohio.....	33	11		.49		.26
Detroit, Mich.....	32	11		.56		.14
Port Huron, Mich.....	27	14		.70	.01	
Alpena, Mich.....	21	16		.47	.08	
Marquette, Mich.....	20	13		.35	.34	
Green Bay, Wis.....	22	16		.62		.49
Grand Haven, Mich.....	29	10		.49	.49	
Milwaukee, Wis.....	29	12		.56	.10	
Chicago, Ill.....	35	7		.56	.43	
Duluth, Minn.....	21	10		.31	.32	
<b>Upper Mississippi Valley:</b>						
St. Paul, Minn.....	25	11		.28	.24	
La Crosse, Wis.....	27	13		.35		.29

\*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 March 12, 1894—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Defic'ncy.	Normal.	Excess.	Deficiency.
<b>Upper Mississippi Valley—Cont'd.</b>						
Dubuque, Iowa.....	30	13	.....	.49	.....	.48
Davenport, Iowa.....	32	12	.....	.49	.....	.29
Des Moines, Iowa.....	32	13	.....	.28	.....	.28
Keokuk, Iowa.....	35	12	.....	.49	.....	.11
Springfield, Ill.....	37	8	.....	.62	.70	.....
Cairo, Ill.....	45	8	.....	.89	.71	.....
St. Louis, Mo.....	41	9	.....	.70	.....	.01
<b>Missouri Valley:</b>						
Springfield, Mo.....	43	8	.....	.76	.....	.76
Kansas City, Mo.....	40	10	.....	.42	.....	.39
Wichita, Kans.....	43	8	.....	.53	.....	.53
Concordia, Kans.....	37	11	.....	.39	.....	.39
Omaha, Nebr.....	33	11	.....	.26	.....	.26
Valentine, Nebr.....	31	9	.....	.21	.....	.20
Huron, S. Dak.....	25	13	.....	.14	.01	.....
Pierre, S. Dak.....	26	12	.....	.14	.14	.....
Moorehead, Minn.....	16	15	.....	.14	.....	.14
St. Vincent, Minn.....	11	13	.....	.07	.....	.07
Bismarck, N. Dak.....	20	11	.....	.21	.....	.21
Williston, N. Dak.....	21	4	.....	.07	.....	.07
<b>Rocky Mountain Slope:</b>						
Havre, Mont.....	26	5	.....	.14	.....	.14
Helena, Mont.....	31	2	.....	.14	.....	.09
Rapid City, S. Dak.....	29	8	.....	.21	.16	.....
Spokane, Wash.....	37	.....	2	.35	.14	.....
Walla Walla, Wash. †.....	.....	.....	.....	.....	.....	.....
Winnemucca, Nev.....	39	0	.....	.20	.....	.13
Salt Lake City, Utah.....	40	.....	2	.42	.....	.21
Cheyenne, Wyo.....	33	5	.....	.14	.....	.14
North Platte, Nebr.....	34	8	.....	.14	.....	.14
Denver, Colo.....	38	6	.....	.14	.....	.14
Pueblo, Colo.....	40	7	.....	.07	.....	.07
Dodge City, Kans.....	40	8	.....	.14	.....	.13
Abilene, Tex.....	54	6	.....	.28	.....	.28
Santa Fe, N. Mex.....	38	2	.....	.08	.....	.08
El Paso, Tex.....	55	1	.....	.14	.....	.14
Tucson, Ariz.....	58	.....	4	.21	.....	.21
<b>Pacific Coast:</b>						
Port Angeles, Wash. †.....	.....	.....	.....	.....	.....	.....
Olympia, Wash.....	44	.....	3	1.31	1.30	.....
Portland, Oreg.....	47	.....	6	1.55	1.19	.....
Roseburg, Oreg. †.....	.....	.....	.....	.....	.....	.....
Red Bluff, Cal.....	54	.....	4	.77	.....	.45
Sacramento, Cal.....	55	.....	3	.77	.....	.40
San Francisco, Cal.....	54	.....	5	.77	.....	.63
Fresno, Cal.....	54	.....	1	.28	.....	.28
Keeler, Cal. †.....	.....	.....	.....	.....	.....	.....
Los Angeles, Cal.....	57	.....	3	.71	.....	.71
San Diego, Cal.....	57	.....	5	.38	.....	.38
Yuma, Ariz.....	64	.....	1	.07	.....	.07

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

†Data missing.

## FOREIGN.

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

## BRAZIL.

*Yellow fever at Rio de Janeiro.*

RIO DE JANEIRO, *February 13, 1894.*

SIR: I have the honor to inclose report for week ending February 10, 1894. There were 221 deaths from yellow fever, an increase over the previous week of 34, and as the hot weather still continues, I look for a further augmentation of the number of deaths.

*Yellow fever.*—This disease appears to be confined principally to the shore and the unprotected classes, though it has appeared aboard a number of foreign ships during the week, and aboard one American ship, the *Robert Dixon*, of New York, whose captain is now in a precarious condition, also two of his men have been sent to the hospital. I am happy to state that Dr. Van Reyden, the medical director of the U. S. fleet here, informs me that as yet no case has appeared on the ships under his charge, due, perhaps, to the almost absolute nonintercourse with the shore.

The heat here is very oppressive, and there were 104 deaths from all causes yesterday.

*Bills of health.*—I declare on all bills of health that no disinfection can be made here at present and that yellow fever is rife.

*Ships inspected.*—The following ships were inspected during the week: February 9—steamship *Salerno*, German, for New York, and steamship *Sirius*, English, for New York. February 12—Steamship *Etona*, English, for New York.

Very respectfully, yours,

R. CLEARY, M. D.,  
Sanitary Inspector, M. H. S.

To the SUPERVISING SURGEON-GENERAL M. H. S.

RIO DE JANEIRO, *February 20, 1894.*

SIR: I have the honor to transmit report for week ended February 17, 1894:

The yellow fever epidemic is steadily increasing; this week there were 340 deaths from that disease as against 221 in the week before. Deaths from all causes have been 721, whilst the previous week only had 525. The fever is bad on the shipping. The *Amy*, the *Crowell*, the *Josephine*, and the *Agate*, all American ships, have had cases as well as the *Robert Dixon*. There has only been 1 case as far as I know on the American fleet. Dr. Bright, of the *Newark*, communicated to me that Paymaster's Yeoman Hancock had been sent to the hospital, and asked me to look after him. He is doing well and will probably recover. The *Newark* went out to Montevideo.

As I have before communicated, proper disinfection is impossible here at present, so I call attention to the fact in all bills of health.

Since last report I have inspected the following-named ship: February 16—American barkentine *Good News*, from and for Baltimore.

Yours, respectfully,

R. CLEARY, M. D.,  
Sanitary Inspector, M. H. S.

To the SUPERVISING SURGEON-GENERAL M. H. S.



## CANADA.

*Epidemic of measles at Coaticook.*

Under date of March 20, the U. S. consul at Coaticook reports that during the two weeks ended March 17 there were 450 cases of measles and 2 deaths therefrom in that town (population 2,500). The epidemic is of a mild type. The first case appeared March 5.

*One case of smallpox near Burgessville, Ontario.*

OFFICE PROVINCIAL BOARD OF HEALTH,  
Toronto, March 10, 1894.

It becomes my duty to inform you that 1 case of smallpox exists near Burgessville, Oxford County, province of Ontario, in the person of a young man coming from Chicago. The origin of the disease is Chicago. Compulsory vaccination is enforced in the county.

PETER H. BUGA,  
Secretary.

## MEXICO.

*Smallpox in New Laredo and typhus fever in San Luis Potosi.*

LAREDO, TEX., March 6, 1894.

SIR: I have the honor to state that 2 cases of smallpox have just been found in the town of New Laredo, Mexico, opposite this place. As soon as the parties knew they were discovered, fearing quarantine, they escaped to a ranche a few miles out of town, still on the Mexican side of the river. This confirms the truth of my statement of February 2, that smallpox was advancing toward this border.

Many cases of typhus fever are also reported at San Luis Potosi.

Very respectfully, your obedient servant,

J. P. ARTHUR, M. D.

## NOVA SCOTIA.

*Arrival of immigrants at Halifax.*

HALIFAX, March 12, 1894.—I have the honor to inform you of the arrival at this port of the steamship *Vancouver* from Liverpool, England, with 63 emigrants for the United States, on Sunday, 11th instant. The baggage of the passengers has been disinfected by steam and sulphur; all well.—DARIUS H. INGRAHAM, U. S. Consul-General.

HALIFAX, March 16, 1894.—I have the honor to inform you of the arrival at this port of the steamship *Pomeranian* from Liverpool, England, with 21 emigrants for the United States. Baggage disinfected by steam and sulphur; all well.—DARIUS H. INGRAHAM, U. S. Consul-General.

*Disinfection of baggage of immigrants at Halifax.*

HALIFAX, March 19, 1894.—I have the honor to inclose herein a copy of a letter from the secretary of the Dominion department of agriculture to Dr. Wickwire, health officer at this port, relating to a discontinuance of disinfecting the baggage of certain immigrants.—D. H. INGRAHAM, U. S. Consul-General.

[Inclosure.]

DOMINION OF CANADA,  
DEPARTMENT OF AGRICULTURE,  
*Ottawa, March 14, 1894.*

SIR: On the subject of disinfecting immigrants' luggage at the port of Halifax in the present situation, I am directed by the minister of agriculture to inform you that upon a consideration of information communicated to him by the general superintendent of Canadian quarantines, he has decided that the luggage of immigrants coming from the following points, where cholera is still existent, namely: St. Petersburg, the districts of Odessa, Podolia, Poltava, and Kiev, in Russia; also coming from Bohemia, in Austria-Hungary, will be continued to be disinfected by the steam process as at present, such disinfection being discontinued in the case of luggage of immigrants coming from other ports until further orders.

I have the honor to be, sir, your obedient servant,

H. B. SMALL,

*Secretary Department of Agriculture.*

W. N. WICKWIRE, Esq., M. D.  
*Quarantine Officer, Halifax, Nova Scotia.*

STATISTICAL REPORTS.

AUSTRALIA—*New South Wales—Newcastle.*—Month of January, 1894. Population, 7,581. Total deaths, 22. No deaths reported from contagious diseases.

*Sydney.*—Month of December, 1893. Population, 383,283. Total deaths, 575, including enteric fever, 10; scarlet fever, 7; diphtheria, 12; measles, 7; and whooping cough, 2.

CUBA—*Havana.*—Under dates of March 10 and 17, 1894, the U. S. sanitary inspector reports as follows:

There were 103 deaths in this city during the week ending March 8, 1894. Seven of those deaths were caused by smallpox with approximately 63 new cases, 3 were caused by diphtheria, 1 by enteric fever, 4 by so-called pernicious fever, 7 by chronic entero-colitis, 2 by pneumonia, and 1 by glanders.

During the week ending March 15, 1894, there were 114 deaths in this city. One of those deaths was caused by yellow fever, with approximately 5 new cases; 6 were caused by smallpox, with approximately 52 new cases; 1 was caused by enteric fever, 2 by so-called pernicious fever, 1 by paludal fever, 6 by diphtheria, 1 by glanders, 9 by chronic entero-colitis, and 4 by pneumonia.

FRANCE—*Marseilles.*—Population, 406,919. Total deaths, 1,272, including smallpox, 3; enteric fever, 7; scarlet fever, 2; diphtheria, 45; measles, 9; and whooping cough, 2.

*Roubaix.*—Month of February, 1894. Population, 120,000. Total deaths, 182, including smallpox, 1; diphtheria, 9; measles, 3; and whooping cough, 1.

GREAT BRITAIN—*England and Wales.*—The deaths registered in 33 great towns of England and Wales during the week ended March 3, corresponded to an annual rate of 20.5 a thousand of the aggregate

population, which is estimated at 10,458,442. The lowest rate was recorded in Leicester, viz, 13·8, and the highest in Wolverhampton, viz, 33·1 a thousand.

*London.*—One thousand seven hundred and forty-eight deaths were registered during the week, including smallpox, 1; measles, 47; scarlet fever, 20; diphtheria, 59; whooping cough, 72; enteric fever, 12; and diarrhea and dysentery, 14. The deaths from all causes corresponded to an annual rate of 21·0 a thousand. In greater London 2,194 deaths were registered, corresponding to an annual rate of 19·2 a thousand of the population. In the "outer ring" the deaths included smallpox, 1; diphtheria, 15; whooping cough, 8; and measles, 10.

*Ireland.*—The average annual death rate represented by the deaths registered during the week ended March 3, in the 16 principal town districts of Ireland was 27·4 a thousand of the population. The lowest rate was recorded in Sligo, viz, 5·1, and the highest in Galway, viz, 49·1 a thousand. In Dublin and suburbs 202 deaths were registered, including measles, 2; whooping cough, 7; enteric fever, 3; and typhus fever, 1.

*Scotland.*—The deaths registered in 8 principal towns during the week ended March 3, corresponded to an annual rate of 19·6 a thousand of the population, which is estimated at 1,447,500. The lowest mortality was recorded in Edinburgh, viz, 17·3, and the highest in Dundee, viz, 25·2 a thousand. The aggregate number of deaths registered from all causes was 558, including smallpox, 2; scarlet fever, 11; diphtheria, 11; whooping cough, 34; and "fever," 5.

*GUIANA—Paramaribo.*—Month of December, 1893. Population, 29,231. Total deaths, 80. No deaths reported from contagious diseases.

*JAMAICA—Kingston.*—Month of February, 1894. Population, 34,314. Total deaths, 102, including phthisis pulmonalis, 10.

*ST. HELENA.*—Four weeks ended February 10, 1894. Population, 3,877. Total deaths, 5. No deaths from contagious diseases.

*SPAIN—Barcelona.*—Month of December, 1893. Total deaths, 780, including phthisis pulmonalis, 94; enteric fever, 38; diphtheria, 44; and smallpox, 36.

*SWITZERLAND—Lucerne.*—Month of January, 1894. Population, 21,778. Total deaths, 47. No deaths reported from contagious diseases.

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.	
Aix la Chapelle.	Feb. 24.	108,269	37										
Alexandria.	Feb. 15.	231,396	236					10		1	1		2
Amherstberg.	Mar. 3.	2,300	2										
Amsterdam.	Mar. 3.	446,728	163							4	3	6	6
Basle.	Feb. 24.	80,000	42								2	2	2
Batoun.	Feb. 27.	28,000	33								2		
Belfast.	Mar. 3.	269,200	143					4		2	12	12	7
Birmingham.	Mar. 3.	492,301	103			7		2		1	1		
Bologna.	Mar. 3.	146,068	69							4			
Bradford.	Mar. 3.	221,610	74			1							
Bremen.	Feb. 24.	127,000	43						1	3	1		
Bristol.	Mar. 3.	226,578	79			1		1	1		1		
Brussels.	Feb. 24.	482,158	181										
Cairo.	Feb. 15.	374,838	355					10		1	1		
Calcutta.	Feb. 3.	681,560	491	40		4					2		2
Cape Haytien.	Feb. 3.	15,000	3										
Cape Haytien.	Feb. 10.	15,000	5										
Cape Haytien.	Feb. 17.	15,000	4										
Cape Haytien.	Feb. 24.	15,000	7										
Cape Haytien.	Mar. 3.	15,000	4										
Cardiff.	Mar. 3.	148,890	50					2		1			4
Catania.	Mar. 11.	113,000	55						1				
Ceiba.	Mar. 4.	5,000	1										
Chatham.	Mar. 10.	10,000	4										
Chemnitz.	Feb. 17.	150,000	77										
Chemnitz.	Feb. 24.	150,000	79							4	5		
Chihuahua.	Feb. 25.	29,500	10										
Chihuahua.	Mar. 4.	29,500	19				2						
Chienfuegos.	Mar. 10.	23,000	14										
Cognac.	Mar. 3.	17,509	7							2			
Cologne.	Feb. 24.	306,550	116					1	1	3	2		4
Colombo.	Feb. 3.	130,000	74										
Colombo.	Feb. 10.	130,000	102										
Copenhagen.	Feb. 17.	341,000	122						7	3			
Curacoa.	Mar. 10.	27,493	2										
Danzig.	Feb. 28.	121,000	49					1	1				1
Dresden.	Feb. 24.	312,770	126						1	9			1
Dublin.	Mar. 3.	350,000	202				1	2			1		
Dundee.	Mar. 3.	158,719	75				1			1			5
Dunkirk.	Feb. 27.	140,000	27										
Dusseldorf.	Feb. 24.	162,832	96						1	3			
Edinburgh.	Mar. 3.	270,588	50							2			5
Fayal.	Feb. 3.	23,382	2										
Fayal.	Feb. 10.	23,382	2										
Fayal.	Feb. 17.	23,382	3										
Florence.	Feb. 25.	188,594	115					3		2	1		
Flushing.	Mar. 3.	15,198	11										
Frankfort on the Main.	Feb. 24.	196,000	62						1	5			2
Frankfort on the Main.	Mar. 3.	196,000	68						1	5			2
Funchal.	Feb. 24.	35,665	27					1		2			
Genoa.	Mar. 3.	181,942	98							10			
Ghent.	Mar. 3.	153,803	74					1		3			
Gibraltar.	Mar. 4.	25,755	12										
Girgenti.	Feb. 24.	23,847	15										
Glasgow.	Feb. 24.	686,820	271			1		2	3	9			
Glasgow.	Mar. 3.	686,820	252					4	11	6			15
Gothenburg.	Feb. 17.	107,965	34			2			1				
Gothenburg.	Feb. 24.	107,965	29			2				2			
Halifax.	Mar. 10.	38,495	20										
Hamilton.	Mar. 2.	15,013	2										
Hanover.	Feb. 10.	197,000	72						1				
Kehl.	Feb. 10.	129,556	73						1	4			
Kehl.	Feb. 17.	129,556	48							3			
Kehl.	Feb. 24.	129,556	51					1		3			
Kingston, Canada.	Mar. 16.	17,348	9										
La Guayra.	Mar. 10.	7,500	14										
Leeds.	Mar. 3.	388,761	142						1	1			3
Leghorn.	Mar. 3.	103,238	59										
Leith.	Mar. 3.	72,003	29			2							3
Licata.	Feb. 24.	20,000	10										
Liege.	Mar. 3.	155,898	54										
Liverpool.	Mar. 3.	507,200	249				1	6	5	1	5		10
London, Canada.	Mar. 10.	35,000	6										
London, Canada.	Mar. 17.	35,000	12							1			

## 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.
London, England.....	Mar. 3.....	5,948,000	2,194			2		15	21	74	57	80
Lyons.....	Feb. 24.....	500,000	226									
Madrid.....	Feb. 23.....	482,816	374			3						
Manchester.....	Mar. 3.....	522,365	223					3				
Manila.....	Jan. 27.....	350,000	152				1					8
Mannheim.....	Feb. 24.....	88,000	36									
Marsala.....	Feb. 17.....	40,131	34					1		3		
Marsala.....	Feb. 24.....	40,131	35									
Matamoros.....	Mar. 9.....	8,000	7									
Matanzas.....	Mar. 7.....	60,000	17									
Melbourne.....	Jan. 6.....	1,140,405						2				
Melbourne.....	Jan. 13.....	1,140,405						3				
Melbourne.....	Jan. 20.....	1,140,405						1				
Melbourne.....	Jan. 27.....	1,140,405						3				
Melbourne.....	Feb. 3.....	1,140,405						1				
Merida.....	Feb. 22.....	46,680	32									
Merida.....	Mar. 1.....	46,680	20									
Monte Cristy.....	Mar. 3.....	2,500	1									
Montevideo.....	Feb. 3.....	226,440	59					1				
Munich.....	Feb. 24.....	390,000	188						1	4	3	
Nagaaki.....	Feb. 12.....	61,999				15						
Nagaaki.....	Feb. 17.....	61,999				16						
Newcastle on Tyne.....	Mar. 3.....	201,947	73									5
Nogales.....	Mar. 10.....	1,200	1									
Nuremberg.....	Feb. 17.....	155,312	64					1		2		4
Odessa.....	Feb. 24.....	324,500	140			1	4					
Palermo.....	Feb. 24.....	250,000	147					1	5	4		
Paris.....	Mar. 3.....	2,424,705	1,136			11		52	3	35	18	5
Plymouth.....	Mar. 3.....	86,781	43									3
Prague.....	Feb. 24.....	188,140	153					16				
Puerto Cabello.....	Mar. 3.....	10,500	13							8	4	
Quebec.....	Mar. 10.....	70,000										
Queenstown.....	Mar. 3.....	15,000	4							2		
Rheims.....	Mar. 3.....	105,408	56								1	1
Rio de Janeiro.....	Feb. 10.....	600,000	525		221	2		10	2		2	
Rio de Janeiro.....	Feb. 17.....	600,000	721		340			10	2		1	
Rome.....	Mar. 8.....	300,467	204									
Rotterdam.....	Mar. 3.....	228,596	94			4		1				
Sagua la Grande.....	Mar. 10.....	18,109	6									
St. Georges.....	Mar. 5.....	15,013	2									
St. Stephens.....	Mar. 10.....	2,700	1									
St. Thomas.....	Feb. 9.....	12,019	36									
St. Thomas.....	Feb. 16.....	12,019	33									
San Juan del Norte.....	Feb. 24.....	1,500	1									
Schiedam.....	Mar. 3.....	25,580	11									
Sheffield.....	Mar. 3.....	337,048	127						2		2	11
Sonneberg.....	Feb. 25.....	12,000	2									
Southampton.....	Mar. 3.....	66,774	22									
Stettin.....	Feb. 24.....	122,000	50						1			
Stockholm.....	Feb. 24.....	249,246	83						1	3	1	
Stuttgart.....	Mar. 1.....	139,659	70						1	1	6	
Sunderland.....	Mar. 3.....	136,101	39						2		1	
Swansea.....	Feb. 24.....	95,000	44					1				
Swansea.....	Mar. 3.....	95,000	27								1	3
Tampico.....	Mar. 3.....	7,000	14								1	2
Trapani.....	Feb. 24.....	43,095	14									
Trieste.....	Feb. 24.....	158,314	140					1	1	1	2	
Truxillo.....	Feb. 17.....	5,000	1			1					8	9
Truxillo.....	Mar. 3.....	5,000	1									
Tuxpan.....	Mar. 4.....	10,280	8									
Tuxpan.....	Mar. 10.....	10,280	8									
Venice.....	Feb. 24.....	160,406	101							63		
Vera Cruz.....	Mar. 8.....	25,500	23			1						
Victoria.....	Feb. 10.....	16,841	4									
Victoria.....	Feb. 17.....	16,841	7									
Vienna.....	Feb. 10.....	1,465,537	744						6	48	11	1
Warsaw.....	Feb. 17.....	500,931	191			7			3	6		
Zurich.....	Feb. 17.....	115,000	43							2		2

By authority of the Secretary of the Treasury :

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