

ABSTRACT OF SANITARY REPORTS.

VOL. IX.

WASHINGTON, D. C., FEBRUARY 9, 1894.

No. 6.

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 in New York City in 1893 and during the current year.

HEALTH DEPARTMENT, New York, February 5, 1894.—In reply to your letter of February 2, I respectfully state:

First. The number of cases of smallpox reported to this department during the year 1893 was 460, of which number 385 occurred in tenement houses, 6 in private dwellings, 53 in the public institutions, 6 in lodging houses, and 10 were received from the New York quarantine establishment.

Second. The total number of cases of smallpox reported to this department from January 1 to date is 89, of which number 60 occurred in tenement houses, 28 in public institutions, and 1 in a private dwelling.

Third. The number of persons in this city now sick with smallpox is 32, all of whom are in the hospitals of this department at North Brother Island.—EMMONS CLARK, *Secretary*.

Smallpox at Nashville.

NASHVILLE, TENN., February 3, 1894.—Two new cases of smallpox reported to-day. Patients and families removed to pesthouse. Five cases have been reported in neighboring villages. All patients at pesthouse doing well.—RICHARD DOUGLAS, *Acting Assistant Surgeon, M. H. S.*

NASHVILLE, February 5, 1894.—Two more cases of smallpox were discovered this morning. The last 4 cases were found in the southern portion of the city. Previous cases were confined to a small neighborhood in the northern end of the city. Patients, as well as all persons directly exposed, have been removed to the pesthouse.—RICHARD DOUGLAS, *Acting Assistant Surgeon, M. H. S.*

Smallpox at Janesville, Wis.

STATE BOARD OF HEALTH, Appleton, Wis., January 30, 1894.—You are hereby informed that 1 case of smallpox has been reported to this office as existing in Janesville, Rock County, in this State. Patient a prisoner in county jail. Origin unknown. The case was removed to pesthouse; exposed persons vaccinated and quarantined.—J.T. REEVE, *Secretary*.

Smallpox at Milwaukee, Wis.

STATE BOARD OF HEALTH, Appleton, Wis., January 30, 1894.—You are hereby informed that 1 case of smallpox has been reported to this office as existing in Milwaukee. Origin unknown. The case was removed to the pesthouse. All exposed were vaccinated, also school children in the neighborhood vaccinated.—J. T. REEVE, *Secretary*.

One case of smallpox at Otsego, Mich.

STATE BOARD OF HEALTH, Lansing, Mich., January 30, 1894.—I have to inform you that 1 case of smallpox exists at the village of Otsego, in the county of Allegan, this State. The person sick is a man 36 years old (resident), who took care of a man, aged 35, supposed to have died of scarlet fever, but who probably had smallpox. The origin of the disease is supposed to be from rags in rag room at the paper mill in the village. The measures taken to restrict its spread are thorough isolation of patient and those known to be infected.—HENRY B. BAKER, *Secretary*.

Report of immigration at New York for the week ended February 3, 1894.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of New York, February 5, 1894.

Number of alien immigrants who arrived at this port during the week ended February 3, 1894; also names of vessels and ports from which they arrived.

Date.	Vessels.	Where from.	No. of immigrants.
1894.			
Jan. 28	Steamship Scandia.....	Hamburg	74
29	Steamship Werra.....	Genoa.....	106
29	Steamship Kron Prinz Fr. Wilhelm.	Naples.....	262
29	Steamship La Bourgogne.....	Havre.....	79
31	Steamship Spaarndam.....	Rotterdam.....	86
31	Steamship Braunschweig.....	Bremen	177
Feb. 2	Steamship Britannia.....	Naples.....	226
2	Steamship Donna Maria.....	Lisbon and The Azores.....	26
2	Steamship Wordsworth.....	Rio de Janeiro.....	3
3	Steamship Gallia.....	Liverpool	70
	Total.....		1,109

EDW. F. MCSWEENEY,
Acting Commissioner of Immigration.

Report of immigration at Philadelphia for the week ended February 3, 1894.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Philadelphia, February 3, 1894.

Number of alien immigrants who arrived at this port during the week ended February 3, 1894; also name of vessel and port from which it arrived.

Date.	Vessel.	Where from.	No. of immigrants.
1894.			
Feb. 1	Steamship Ohio	Liverpool, England.....	48

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

Reports of States and yearly and monthly report of cities.

FLORIDA.—*Pensacola*.—Month of January, 1894. Estimated population, 15,000. Total deaths, 25. No deaths from contagious diseases.

GEORGIA.—*Columbus*.—Month of January, 1894. Population, 19,303. Total deaths, 9, including phthisis pulmonalis, 5; and enteric fever, 2.

IOWA.—*Keokuk*.—Month of January, 1894. Estimated population, 20,000. Total deaths, 16, including phthisis pulmonalis, 2; and enteric fever, 1.

MICHIGAN.—Week ended January 27, 1894. Reports to the State board of health, Lansing, from 53 observers, indicate that pneumonia, scarlet fever, and diphtheria increased in area of prevalence. Scarlet fever was reported present during the week at 50 places; enteric fever at 28; diphtheria at 26; measles at 10; and smallpox at 1 place.

NEW YORK.—Month of December, 1893. Reports to the State board of health from 8 districts, including New York City, Brooklyn, and 152 other cities, towns, and villages, show a total of 10,600 deaths, including phthisis pulmonalis, 1,099; smallpox, 35; enteric fever, 158; scarlet fever, 136; croup and diphtheria, 678; measles, 70, and whooping cough, 50.

The Monthly Bulletin says:

The reported mortality has arisen from the low daily average of 281 in November to one of 342; this is the highest since August, the mortality for the autumn months having been unusually low, averaging 295 deaths daily, which is less by 3 deaths a day than in 1892. The death rate for the month is 19.25 per 1,000 population. The proportion of deaths under 5 years of age was 26.7, a smaller relative mortality in early life than has yet been recorded in one month for the entire State. The proportion of zymotic mortality is the lowest for the year, being 117.25 in 1,000 deaths from all causes, and is less, both relatively and actually, than in the preceding month. Typhoid fever caused fewer deaths than in November, which is customary, and the mortality is the same as that of a year ago. Diphtheria caused 678 deaths, the same as in December, 1892, and there is a moderate diminution in the mortality since last month, which applies to all parts of the State, except the maritime district. Scarlet fever shows a slight increase, having caused 106 deaths, the largest mortality since June last; its increase is confined to the eastern districts.

Measles increases in New York and vicinity, but hardly exists elsewhere. Smallpox caused 35 deaths, of which 13 are reported from New York, 1 each in Long Island City and the town of Jamaica, and 20 in the Kings County Hospital for Contagious Diseases, of which 18 came from Brooklyn. Three cases of this disease have recently developed in Troy. Consumption caused about 150 more deaths than in November, and acute respiratory diseases double the number of November, or 2,440 deaths. Deaths from nervous diseases and old age are also largely increased. Epidemic influenza has again recurred, and the increased mortality is traceable to it, amounting to fully 1,000 deaths from this cause. In December, 1892, it was estimated that 400 deaths were caused by grippe. The weather for the month was rainy, the precipitation being excessive for the first time since August. The temperature averaged below the normal.

NORTH CAROLINA.—Month of December, 1893. Reports to the State board of health from 24 towns, having an aggregate population of 121,504, including white, 70,950, and colored, 50,554, show a total of 140 deaths, 63 white and 77 colored. The deaths included phthisis pulmonalis, 22; enteric fever, 6; and diphtheria, 18.

OHIO—*Cincinnati*.—Month of January, 1894. Estimated population, 325,000. Total deaths, 538, including phthisis pulmonalis, 63; enteric fever, 18; scarlet fever, 1; diphtheria, 18; croup, 3; and whooping cough, 7.

Youngstown.—Month of January, 1894. Population, 35,000. Total deaths, 44, including phthisis pulmonalis, 5; enteric fever, 1; and whooping cough, 1.

PENNSYLVANIA—*Williamsport*.—Month of January, 1894. Population, 27,192. Total deaths, 37, including 2 from diphtheria.

RHODE ISLAND.—Month of December, 1893. Reports to the State board of health from 28 cities and towns, having an aggregate population of 323,941, show a total of 602 deaths, including phthisis pulmonalis, 43; enteric fever, 14; scarlet fever, 15; diphtheria, 14; croup, 8; measles, 4; and whooping cough, 5.

TENNESSEE.—Month of December, 1893. Reports to the State board of health from 8 cities and towns, having an aggregate population of 258,919, show a total of 501 deaths—white, 216; colored, 215. The deaths included phthisis pulmonalis, 65; smallpox, 1; enteric fever, 6; diphtheria, 9; and whooping cough, 1.

Publications received.

Annual Report of the Health Department of the City of Youngstown, Ohio, 1893.

Report of the Board of Health of the City of Allentown, Pa., for 1893.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—								
				Phthisis pulmonalis.	Yellow fever.	Smallpox.	Variceloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.
											Measles.	Whooping cough.
Auburn, N. Y.	Jan. 27	25,858	16	1							2	
Baltimore, Md.	Feb. 3	434,439	179	22					2	1	2	
Binghamton, N. Y.	Feb. 3	35,005	17	1							3	
Boston, Mass.	Feb. 3	648,477	220	24		1				3	13	4
Chicago, Ill.	Jan. 27	1,099,850	327	34		4			10	5	10	2
Cincinnati, Ohio.	Feb. 2	296,908	115	12		4			4	5	2	1
Cleveland, Ohio.	Feb. 3	261,353	87	8					2		2	1
Detroit, Mich.	Feb. 3	205,876	70								9	
Erie, Pa.	Feb. 3	40,634	16	1						1	1	
Fall River, Mass.	Feb. 3	87,773	31	1						1		1
Galveston, Tex.	Jan. 27	29,084	8									
Indianapolis, Ind.	Feb. 3	105,436	39	9					3			
Milwaukee, Wis.	Feb. 3	260,000	83	11					1	1	5	4
Minneapolis, Minn.	Feb. 3	164,738	40	4							6	
Mobile, Ala.	Feb. 3	31,076	13	2								
Nashville, Tenn.	Feb. 3	76,306	25	5								
Newark, N. J.	Feb. 3	181,830	96	7						3	6	2
New Orleans, La.	Jan. 27	242,039	140	21					1	4		
New York, N. Y.	Feb. 3	1,515,301	848	91		4			4	20	58	28
Omaha, Nebr.	Feb. 3	140,452		1							3	
Pensacola, Fla.	Jan. 27	11,750	4									
Philadelphia, Pa.	Jan. 27	1,046,964	555	61					14		11	3
Pittsburg, Pa.	Jan. 27	236,617	100	16					4	2	4	4
Pittsburg, Pa.	Feb. 3	236,617	87	11					2	8	4	1
Portland, Me.	Feb. 3	40,000	14	1								
Providence, R. I.	Feb. 3	148,944	60						3		2	
Richmond, Va.	Jan. 27	81,388	24	6						1		
Rochester, N. Y.	Feb. 3	133,896	41	3						1		1
St. Louis, Mo.	Jan. 27	460,000		30					1	2	3	
San Diego, Cal.	Jan. 27	18,000	5							2		
San Francisco, Cal.	Jan. 27	298,997	125									
Shreveport, La.	Jan. 27	11,981	3									
Toledo, Ohio.	Feb. 2	90,000	29						1		1	
Washington, D. C.	Jan. 27	230,392	94	8					1		5	3
Yonkers, N. Y.	Feb. 2	32,033	10	1							1	
Youngstown, Ohio.	Feb. 2	33,220	14						1			1

Table of temperature and rainfall, week ended January 29, 1894.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Deficiency.	Normal.	Excess.	Deficiency.
New England States:						
Eastport, Me.	18	4		.91		.41
Portland, Me.	19	4		.84		.10
Northfield, Vt.	13	1		.78	.08	
Boston, Mass.	22	7		.93	.65	
Nantucket, Mass.	31	1		.85	1.21	
Block Island, R. I.	31	2		1.05	.45	
New London, Conn.	29		0	.98	1.26	
Middle Atlantic States:						
Albany, N. Y.	23	2		.63		.06
New York, N. Y.	31	2		.91	.28	
Philadelphia, Pa.	33	1		.77	.25	
Atlantic City, N. J.	33	3		.84	.16	
Baltimore, Md.	35		1	.77		.03
Washington, D. C.	33	1		.77	.41	
Lynchburg, Va.	39		5	.92	.30	
Norfolk, Va.	41	0		.91	.55	

*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 January 29, 1894—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Defic'y.	Normal.	Excess.	Deficiency.
South Atlantic States:						
Charlotte, N. C.	43		4	1.19		.76
Wilmington, N. C.	49		3	.87	.54	
Charleston, S. C.	51		3	.91	.21	
Augusta, Ga.	49		4	1.05		.73
Savannah, Ga.	53		5	.77		.31
Jacksonville, Fla.	57		1	.79	.80	
Titusville, Fla.	62	2		.84	3.42	
Jupiter, Fla.	67	4		1.11	.39	
Key West, Fla.	71	1		.49		.06
Gulf States:						
Atlanta, Ga.	45		6	1.02		.34
Pensacola, Fla.	54		5	1.07		.10
Mobile, Ala.	52		6	1.12		.07
Montgomery, Ala.	50		7	1.13		.97
Vicksburg, Miss.	48		8	1.26		.32
New Orleans, La.	55		8	1.17		.78
Shreveport, La.	46		9	1.12		.23
Fort Smith, Ark.	38		11	.60		.12
Little Rock, Ark.	42		13	1.24		.07
Palestine, Tex.	47		10	.98		.22
Galveston, Tex.	54		9	.87	.10	
San Antonio, Tex.	53		10	.36		.10
Corpus Christi, Tex.	56		9	.91	.07	
Ohio Valley and Tennessee:						
Memphis, Tenn.	40		9	1.40		1.00
Nashville, Tenn.	39		11	1.26		.14
Chattanooga, Tenn.	43		6	1.65		1.24
Knoxville, Tenn.	40		4	1.33		.49
Louisville, Ky.	35		11	1.01		.69
Indianapolis, Ind.	28		8	.77		.60
Cincinnati, Ohio.	33		10	.81		.13
Columbus, Ohio.	29		6	.83		.26
Parkersburg, W. Va.	34		7	.70	.39	
Pittsburg, Pa.	31		1	.70	.11	
Lake Region:						
Oswego, N. Y.	21	3		.68		.38
Rochester, N. Y.	22	4		.70	.08	
Buffalo, N. Y.	22	3		.67	.33	
Erie, Pa.	26	0		.84		.27
Cleveland, Ohio.	26		3	.63		.39
Sandusky, Ohio.	26		3	.55		.36
Toledo, Ohio.	25		4	.52		.27
Detroit, Mich.	25		6	.47		.12
Port Huron, Mich.	21		2	.49		.27
Alpena, Mich.	14	2		.56		.07
Marquette, Mich.	13		5	.40	.53	
Green Bay, Wis.	12		6	.67		.14
Grand Haven, Mich.	23		3	.49	.53	
Milwaukee, Wis.	21		12	.49		.11
Chicago, Ill.	25		12	.50	.15	
Duluth, Minn.	8		9	.21	.05	
Upper Mississippi Valley:						
St. Paul, Minn.	10		15	.21		.02
La Crosse, Wis.	14		11	.28	.28	
Dubuque, Iowa.	17		13	.35	.09	
Upper Mississippi Valley—Cont'd.						
Davenport, Iowa.	20		14	.42	.06	
Des Moines, Iowa.	17		16	.28	.28	
Keokuk, Iowa.	22		13	.35		.11
Springfield, Ill.	27		16	.61	.14	
Cairo, Ill.	35		11	.98		.68
St. Louis, Mo.	31		12	.62		.20
Missouri Valley:						
Springfield, Mo.	31		15	.54	.54	
Kansas City, Mo.	26		13	.34		.20
Wichita, Kans.	30		9	.33		.30
Concordia, Kans.	22		5	.21		.11
Omaha, Nebr.	17		12	.14	.06	
Yankton, S. Dak.	14		15	.14	.09	
Valentine, Nebr.	11		4	.08	.08	
Huron, S. Dak.	5		14	.07	.23	
Pierre, S. Dak.	8		8	.07	.11	
Moorehead, Minn.	3		10	.14		.07
St. Vincent, Minn.	10		10	.14	.04	
Bismarck, N. Dak.	4		8	.14		.03
Willistons, N. Dak.	2		9	.11	.05	

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

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Deficiency.	Normal.	Excess.	Deficiency.
Rocky Mountain Slope:						
Havre, Mont.	7	2	.....	·22	·15	.....
Helena, Mont.	14	1	.....	·28		·06
Rapid City, S. Dak.	18		9	·07	·11	.....
Spokane, Wash.	21	4	.....	·63	·86	.....
Wallawalla, Wash.	30		1	·49	·10	.....
Winnemucca, Nev.	27	9	.....	·21		·20
Salt Lake City, Utah.	28	6	.....	·34		·22
Cheyenne, Wyo.	24		5	·07		·05
North Platte, Nebr.	19		6	·07		·06
Denver, Colo.	28	2	.....	·12		·06
Pueblo, Colo.	29		4	·08		·08
Dodge City, Kans.	25		3	·07		·07
Abilene, Tex.	43		13	·21		·06
Santa Fe, N. Mex.	29	0	.....	·14		·06
El Paso, Tex.	46		4	·08		·08
Tucson, Ariz.	50		4	·21		·21
Pacific Coast:						
Port Angeles, Wash.	34	5	.....	1·17		·23
Olympia, Wash.	38	4	.....	1·89		·52
Portland, Oreg.	38	3	.....	1·68		·82
Roseburg, Oreg.	40	6	.....	1·42		·93
Red Bluff, Cal.	46		2	1·01		·93
Sacramento, Cal.	47		1	·84		·84
San Francisco, Cal.	50		2	1·05		1·00
Fresno, Cal.	46	0	.....	·28		·28
Keeler, Cal.	41	2	.....	·07		·01
Los Angeles, Cal.	53		2	·68		·68
San Diego, Cal.	54		2	·45		·45
Yuma, Ariz.	55	2	.....	·13		·13

Cholera in 1893.

[illegible]

Cholera in 1893—Continued.

[As reported to the U. S. Marine-Hospital Bureau chiefly through consular officers.]

Countries and cities where present.	Deaths during—											
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Japan:												
Hiogo.....								2				
Osaka.....							7	4	1			
Netherlands:												
Amsterdam.....								4	1	1		
Rotterdam.....								7	24	2		
Persia, Teheran <i>aa</i>												
Russia—Governments:												
Astrakhan.....								6		21		
Baku.....									18	7	62	5
Bessarabia.....									16	15	5	
Don District.....						23	13	28	24	48	50	
Rostov on Don.....							20	381				
Ekaterinoslav.....								40				
Ekaterinoslav (city).....							1	47	116	64	24	
Elizabetopol.....												
Erivan.....									3	13	3	
Esthonia.....									2	13	13	32
Grodno.....												
Jaroslav.....							13	120	12	16	2	
Kalish.....								186	91	39	2	
Kaluga.....								61	7	3	22	
Kars.....							2	11	6	26	1	17
Kazan.....							19	88	80	193	32	
Kharkov.....								159	13	8		
Kherson.....						9	11	38	46	86	55	
Nikolaiev (city).....								2				
Odessa.....												4
Kiev.....							11	376	398	131	184	
Kostroma.....								39		15	19	
Kovno.....										65	82	
Kronstadt.....									2	18	8	
Kuban.....									12	31	24	
Kursk.....						2	2	144	157	135	45	
Kutaisk.....							35	130		17	3	1
Livonia.....								15		35	37	
Lomsha.....										97	32	
Lublin.....								22	39	97	3	
Minsk.....										3	9	
Mohilev.....							4	155	38	35	24	
Moscow.....							1	55		24	32	
Moscow (city).....							3	126	162	112	37	
Nijni Novgorod.....							51	50		7	12	
Nijni Novgorod (city).....								102	29	21	4	
Olonetz.....							1					
Orel.....								18	4	8		
Orel (city).....						2		243	157			
Penza.....						10	62			1		
Perm.....								1		15		
Plock.....								5		22		
Plotsk.....										13		
Podolsk.....									2		13	
Podolia.....												
Podolsk.....								604	777	343		
Poltava.....						190	122	498		110	35	
Poti.....							3	204	176	41	22	
Pskov.....								15				1
Radom.....											4	
Radomsk (city).....									17			
Riazan.....										1	7	
St. Petersburg.....								11		27	17	
St. Petersburg (city).....								1			28	353
Samara.....									96	89	50	
Saratov.....						16	8	60	175	30		
Siedlec.....						6	26	55	89	26		
Simbursk.....									25	61		
Smolensk.....								56	87	66		
Stavropol.....								1	10	4		
Sebastopol (city).....						1			14	15	65	
Suvaiki.....								21	8	32	3	
Tambov.....									2		14	
Taurida.....								10	21	44	6	
Kertch (city).....								43	12	92	42	
Kertch (city).....								56	17			

Cholera in 1893—Continued.

[As reported to the U. S. Marine-Hospital Bureau chiefly through consular officers.]

Countries and cities where present.	Deaths during—											
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Russia—Governments—Continued.												
Tchernigov								60	67	53	61	.....
Tiflis								29		36	25	2
Tobolsk							15	1	11	10	4	
Tomsk							2			53		
Tula						3	29	245	121	95	71	
Tver										3	6	
Ufa							6	6	9	24	20	
Veronough								111	254	5	11	
Viatka							7	140	44	1		
Vilna									4		44	
Vitebsk											1	
Vladimir								47		1		
Suzdal (city)										3	6	
Volhynia									115			
Volynsk (city)								3			65	
Vologda											121	
Warsaw									1		12	
Warsaw (city)								1	1	10		1
Woronetz Orloff							33	648		103	58	
Russian Poland												248
Spain:												
Catalonia <i>bb</i>												
Province of Vizcaya <i>cc</i>									232	248	7	
Servia, Belgrade									11			
Sweden, Umea <i>dd</i>												
Turkey:												
Amara					7	1						
Bagdad <i>ee</i>								71	667	11	1	
Bassorah and vicinity					85	680	215	47				
Chatra					35	62						
Constantinople									107	101		
Pera <i>ff</i>												
Smyrna <i>gg</i>								158	85			
Trebizond	91											
Zubier						49						

b Steamship *Karamania* arrived at New York Quarantine from Naples, August 3, 1893. Three deaths from cholera en route. Eighteen cases after arrival at New York Quarantine and 3 deaths. Steamship *Russia* from Hamburg arrived in October, having had 5 deaths from supposed cholera en route. One case removed to Swinburne Island Hospital and died.

c One case reported at lazaretto, September 6, 1893.

d Cholera reported June 30, 1893.

e Thirty-five deaths daily reported during week ended July 29, 1893.

f Cholera reported May 25, 1893.

g Cholera reported June 10, 1893.

h Cholera reported August 21, 1893.

i Twenty-two cases cholera reported August 23, 1893.

k Cholera reported November 20, 1893, 987 cases in November and December.

l Two hundred and ten cases of cholera with 8 deaths reported in Greenwich workhouse during October, 1893.

m Cholera reported August 31, 1893.

n One death from cholera reported on board steamship *Myrtle Branch* from Nantes, June 25, 1893.

o Cholera reported September 2, 1893.

p Cholera reported July 27, 1893.

q Cholera reported September 19, 1893.

r Since outbreak of epidemic, 100 deaths.

s Cholera reported in May, 1893.

t Cholera reported July 16, 1893.

u Cholera reported July 12, 1893.

v Three cases at Neuss and 1 case at Duisburg.

w Cholera reported November 8, 1893.

x Cholera broke out in insane asylum January 10, 1893.

y Cholera reported July 20, 1893.

z Cho'era reported June 26, 1893.

aa Epidemic reported October 26, 1893.

bb Cholera reported June 27, 1893.

cc Cholera reported September 19, 1893.

dd Cholera reported October 5, 1893.

ee Cholera reported June 8: first case appeared May 20, 1893.

ff Cholera reported September 13, 1893.

gg Cholera reported July 28, 1893.

Smallpox in 1893.

[As reported to the U. S. Marine-Hospital Bureau.]

Countries and cities where present.	Deaths.											
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
UNITED STATES.												
Boston, Mass.....										2		4
Brooklyn, N. Y.....		2	1	2							2	1
California.....			1									
Chattanooga, Tenn. <i>a</i>												
Chicago, Ill.....		1				1	1	1		4		14
Connecticut.....		1	1							1		
Hudson County.....	5		4	2	4						1	
Lewes, Del. <i>b</i>												
Newark, N. J.....			3		1							
New York State.....	15	23	29	23	21	10	16	11	23	19	27	
New York City.....	3	7	10	7	6	8	3	2	20	10	6	18
Philadelphia, Pa.....						1	3					
Pittsburg, Pa. <i>c</i>												
Reading, Pa. <i>d</i>												
San Francisco, Cal.....	1				2							
FOREIGN.												
Arabia, Aden.....								1				
Argentine Republic, Buenos Ayres.....				2			6					
Australia <i>e</i>												
Austria:												
Trieste.....	11	8	3	19	18	19	17	11	30	17	9	8
Vienna.....	1	1	11	4	6	2					3	3
Buda Pesth.....					2							
Belgium:												
Antwerp <i>f</i>	45	74	55	53	40	41	14	2	5	1	2	2
Brussels.....	1	6	1	5	1	1	1		1	1		
Ghent.....				1								
Liege.....					6	2	5	1	1	2		
Brazil:												
Pernambuco.....	1						4	1		1		
Rio de Janeiro.....						1			1		10	5
Santos.....		28										
Canary Islands, Teneriffe.....							1					
Central America, San Salvador.....						7	20	13	6	3		
China, Hongkong.....	2	6	14	17	2	5		1				
Cuba:												
Havana.....										1	1	7
Sagua la Grande.....									3			
Santiago de Cuba.....								2				
Ecuador, Guayaquil.....								1	9	28	51	
Egypt.....	2	2	5	2	3	10	5	2	1			
Alexandria.....	1	2	4									1
Cairo.....	2		1	2	3	10	5	2	1			
England:												
Birmingham.....					5	6	2	1	5	6	16	17
Bradford.....							4	8	15	27	21	10
Bristol.....						1				1	9	3
Huddersfield.....					1							
Hull.....						2						
Leeds.....							1	1	2	1	1	3
Liverpool.....	1	3	2		1			1		1		1
London.....	5	16	13	26	46	46	22	11	7	5	5	6
Manchester.....					4	6	3	1				
New Castle-upon-Tyne <i>g</i>					1							
Sheffield.....						1						
Southampton.....			1	3								
Sunderland.....	1	1	1	1			2					
France:												
Bordeaux.....					4				9		4	1
Brest.....					1							
Cognac.....								10	7	5	1	2
Havre.....					1		1					
Lille.....						3		1	1			
Marseilles.....	3				15	13		1	5	4		
Nantes.....						1					1	
Paris.....	6	3	5	9	12	18	38	10	38	24	33	40
Roubaix.....											2	
Rheims.....				1			1					
St. Etienne.....					1							2
Trieste.....											4	
Germany:												
Berlin.....								1				
Frankfort-on-the-Main.....					1	3	1					

Smallpox in 1893—Continued.

[As reported to the U. S. Marine-Hospital Bureau.]

Countries and cities where present.	Deaths during—											
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Germany—Continued.												
Hamburg.....				2	1							
Prague.....	9	8	6	5	15	7	12		1		1	3
Gibraltar.....				1								1
Honduras, Tegucigalpa.....					5	12						
Holland:												
Amsterdam.....								7				
Rotterdam.....	1					4	8	18	18	16	49	
India:												
Calcutta.....	2	3	6	3	3	2	4	2	1	19	1	
Madras.....								1	1	1		
Singapore.....	1	4	13	6	3		9	8		2		
Italy:												
Genoa.....	1	1				4						
Leghorn.....											1	
Milan.....	3		1	2								
Rome.....					1							
Trapani.....					5	1					5	
Venice.....	25	20	6	3	1	2		1				1
Japan:												
Hiogo h.....	380	213	78	29	8			1				
Nagasaki.....						7	20	6	1		8	3
Osaka.....						4	1	1	6	1		
Malta and Gozo.....							1					
Mexico:												
Mapimi i.....												1
Piedras Negras.....												1
San Juan del Norte.....									1			1
Vera Cruz.....											3	4
Nicaragua:												
Greytown k.....												
Managua l.....												
Peru, Callao.....											1	
Russia:												
Moscow.....				8	5	9		2		2		8
Odessa.....	10	28	12	15	2	10	5	2		1	1	1
Riga.....	80	81	69	71	63	39	12	4	6			
St. Petersburg.....				4	15	9	4	1	6	5	2	
Warsaw.....	52	37	25	21	55	54	51	29	77	76	51	12
Scotland:												
Edinburgh.....							1					
Glasgow m.....	3	9	6	3	2	1					1	7
Leith.....												
Spain:												
Almeria.....							3					
Barcelona.....								18	30			
Cartagena.....						1						
Jerez de la Frontera.....	1	1			2							
Lisbon.....				1								
Madrid.....					2	9	18	21	27	32	38	30
Malaga.....					25	20	18	22	20	37		
Marbella.....								1				
Sweden, Gothenberg n.....					3		3				6	7
Switzerland:												
Lucerne.....		1						2				
Zurich.....				1		1						
Turkey, Constantinople.....	14		7	7	9	9	2			14		
Turkey in Asia, Bagdad.....							1		1			
Uruguay, Montevideo.....							1					

a Smallpox reported November 9, 1893.

b Six cases 6 miles from Lewes, Del., in October.

c Smallpox reported November 21, 1893.

d Smallpox reported to December 26, 1893, 707 cases, with 18 deaths.

e Epidemic of variola reported in West Australia April 24, 1893.

f Epidemic reported April 11, 1893.

g Epidemic reported May 27, 1893.

h Epidemic reported January 21, 1893; number of cases from beginning of epidemic to January 19, 1897.

i Smallpox reported July 15, 1893.

k Smallpox reported September 12, 1893.

l Epidemic reported July 10, 1893.

m Epidemic reported January 11, 1893.

n Epidemic reported April 9, 1893.

Yellow fever in 1893.

[As reported to the U. S. Marine-Hospital Bureau.]

Countries and cities where present.	Deaths during—											
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
UNITED STATES.												
Brunswick and adjacent islands <i>a</i>								2	8	35	7	.....
Cape Charles Quarantine <i>b</i>								1				
Conquest's Camp, Satilla River, Ga. <i>c</i>												
Delaware Breakwater Quarantine <i>d</i>												
Fort Morgan Quarantine, Ala. <i>e</i>												
Gulf Quarantine						1						
Key West Quarantine <i>f</i>								1		1		
New York Quarantine <i>g</i>						1						
Pensacola <i>h</i>												
Philadelphia (lazaretto) <i>i</i>												
FOREIGN.												
Brazil:												
Para	15	28	15	26	31	12	29	2	13	5		4
Pernambuco		3	2	13	14	24	21	5		1		
Rio de Janeiro						41	44	33	29	7	11	16
Santos	50	130										
Costa Rica, Limon <i>k</i>						1						
Cuba:												
Cienfuegos		1	1	3	10	22	44	39	47	13	8	8
Havana	17	7	5	8	24	74	122	99	70	47	33	7
Matanzas							1	4	2			
Nuevititas					1	1		3	2	1		
Sagua la Grande						1	4	8	12	19	13	3
Santiago de Cuba								14	9	6	5	
Ecuador, Guayaquil								1	10	10	9	9
Mexico:												
Merida					1							
Vera Cruz	7	4	10	10	22	31	29	10	9	12	4	
Panama, Bocas del Toro							1					
Venezuela, Caracas <i>l</i>												

a Assistant Surgeon Branham, M. H. S., died August 20, 1893.*b* July 13, 1893. Arrival of brig *Darpa* with body of captain, who died of yellow fever July 12, still on board; 2 cases on arrival; July 15, 1893, 1 new case.*c* Captain of bark *Anita Berwind* died June 25, 1893.*d* Schooner *Hannah McLoon*, from Havana, arrived July 25, 1893, with body of captain, who died of yellow fever.*e* British bark *Galena* arrived August 11, 1893, with 2 cases of yellow fever aboard.*f* British barkentine *Antilla* arrived at Dry Tortugas August 11, 1893, with 1 case of yellow fever on board; taken ashore and died. One case taken from British brig *J. H. Dexter*, October 3; died October 6, 1893.*g* Steamship *Ardangarn* arrived July 9, 1893, from Cienfuegos; 1 death from yellow fever.*h* Two cases of yellow fever taken off Spanish steamer *Leonora* arrived August 2, 1893.*i* Schooner *Eltie H. Lester*, from Georgetown, S. C., arrived August 15, 1893, with 3 cases of yellow fever on board.*k* Yellow fever reported June 4, 1893.*l* Yellow fever reported September 29, 1893.

FOREIGN.

[Reports received from the United States consuls through the Department of State and from other sources.]

AUSTRIA-HUNGARY.

Relative to cholera in the Austrian Empire.

VIENNA, January 19, 1894.— * * * I have assurance that cholera has entirely ceased in Austria-Hungary. * * *

The latest information regarding cholera in the Austrian Empire is as follows: On December 27, 1893, a case of cholera occurred, verified by bacteriological examination, in the town of Lutowiska, subprovince of Lisko and province of Galicia. Subsequently 3 suspicious cases have appeared in the same town; but while a provisional diagnosis of cholera has been made in these cases, it has not been verified. This information is important in view of the fact that the Austrian Government has removed all the restrictions on travel employed during the past year. It must be added, however, that the inspection service with respect to travelers from Russia is still kept in force.

There is a reappearance of the epidemic of typhoid fever of last year in the city of Lomborg.—FAIRFAX IRWIN, *Surgeon, M. H. S.*

VIENNA, January 24, 1894.—I have the honor to inform you that there have been no other cases of cholera in Galicia since my report of a few days ago. There are now no cases of cholera known in Austria-Hungary.—FAIRFAX IRWIN, *Surgeon M. H. S.*

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

U. S. CONSULATE-GENERAL,
Vienna, Austria, January 5, 18 .

SIR: I have the honor to report that during the past two weeks no cases of cholera have been reported, and that cholera has been officially declared as extinguished in the Austrian Empire.

Yours, respectfully,

MAX JUDD,
Consul-General.

To the Hon. ASSISTANT SECRETARY OF STATE.

Correction of error in report of cholera in Austria.

The headline "Cholera in Vienna during the week ended October 31, 1893," on page 1250, Vol. VIII, No. 50, WEEKLY ABSTRACT OF SANITARY REPORTS, should read "*Cholera in Galicia*," for the same period.

Cholera in Hungary from October 28 to December 29, 1893.

U. S. CONSULATE,
Buda-Pesth, December 29, 1893.

SIR: I have to report that since October 28, 1893, there have been 265 cases of cholera and 169 deaths in Hungary (not including the city of Buda-Pesth), and these were confined to the counties of Marmoros (bordering on Russia), Szabolcs, Yasz-Nagy (Kun), Solnok, and Foron-

tal. From November 29 to December 10 no cases were reported in the counties of Marmoros and Forontal. The minister also informed me that from December 6 to 12 no cases were reported to him. His Excellency Charles Hieronymi, royal minister of the interior, further informs me that, taking into consideration the lapse of twenty days since any cases were reported, he has, according to the stipulations of the international congress at Dresden, informed the foreign powers through the imperial and royal minister for foreign affairs that the cholera epidemic has altogether ceased in Hungary. In the city of Buda-Pesth, from the 3d of September to the 3d of December, 1893, inclusive, there were reported to me by Dr. Gebhard, the chief health officer of the city, 122 cases of cholera and 70 deaths. For the week ended December 3 there was 1 case of cholera in the city and no deaths.

Since that date no cases and no deaths have occurred. From inquiries made, unofficially, I have learned that there is still cholera in the town of Zupanje Slavovien. In view of the above official facts, I have communicated with the consul at Hamburg, so as to facilitate the nonquarantining of emigrants as soon as may be consistent with safety.

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

E. P. T. HAMMOND,

U. S. Consul.

To the HON. ASSISTANT SECRETARY OF STATE.

. BRAZIL.

Yellow fever at Rio.

U. S. CONSULATE-GENERAL,

Rio de Janeiro, January 9, 1894.

SIR: I have the honor to transmit herewith report for week ended January 6, 1894. You will note that the deaths from yellow fever have gone up to 28 as against, 20 for the week previous, and cases of death from *accessio pernicioso* from 10 to 23, while the total number of deaths from all causes this week is 297, and for the previous week was 257. This difference is not very consoling, and should the temperature continue high without any rain we may expect an increase in the intertropical diseases.

Number of cases.—I have done everything possible to ascertain the number of cases of these diseases daily, and up to now have not been able to do so, for the official who should furnish me the information has his time fully occupied in the military hospitals, and sometimes he does not go to his office for three or four days. At last I directed a request, officially, to the health inspector, and am awaiting a reply.

Disinfection.—Since last report I have ascertained that there is a well-provided disinfection establishment here in town, and that the same methods are practiced in port as at the quarantine station at Ilha Grande; but as all services of the port health authorities are suspended, it is of no avail at present, so that in case of infection occurring on ships here, the proper steps will have to be taken on their arrival in the United States. I will notify such cases on the bills of health.

Accesso pernicioso.—In a former report I called attention to the diseases going under this name at this place, and gave my opinion, based on such cases as I have seen that they were either yellow fever or heat excess. Dr. Aureliano Portugal, the state demographer, in his report for 1890, says of this disease:

“Some of the physicians in Rio think that the cases of “*accessio pernicioso*” are nothing more than forms of yellow fever—forms which were

never seen here during the great epidemics of 1873-'76. Others were of the opinion that they were genuine cases of "coup de soliel," so common in extreme climates, but never seen here except very rarely, not even in certain parts of Matto Grasso, whose average temperature was even higher than in Rio de Janeiro.

"Why were these cases (*acceso pernicioso*) only found in this capital, and almost always in the center of the town, and why did they not occur in Nitcheroy, which is in an identical condition with this town? Without questioning that some of these cases were really "coup de soliel," or, rather, heat excess, we believe in its malarial etiology, because not only are these sudden and terrible attacks common in palustral diseases, but also because genuine perniciosos fever (malarial) at the same time appeared in more cases than were ever before seen in Rio, making tens of victims daily."

Now these cases are again appearing, and the authorities practice the same disinfection after them as after yellow fever. Though I do not doubt that some of the cases so called may be of malarial origin, I must still be of opinion that the most of them are yellow fever and nothing else, and with all due respect for so able a man as Dr. Portugal, Nitcheroy is more exposed to malaria than Rio de Janeiro, and if his theory is correct, it should suffer more than this town; hence his argument is against his conclusion.

The shipping.—Among these hundreds of vain reports daily circulating here in these revolutionary times, it is said that many cases of yellow fever are occurring among the shipping, and as the sanitary service is suspended the report goes freely, but I can not find that any cases have occurred in American ships nor those bound for American ports. I shall do my best to obtain information on the subject.

Yours, respectfully,

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

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

GIBRALTAR.

Quarantine notice.

GIBRALTAR, January 26, 1894.—It has been decided by the board of health to remove the quarantine on arrivals from Teneriffe, provided they bring clean bills of health and have health on board. By order—
JOHN C. KING, *Secretary to the Board of Health.*

MEXICO.

The epidemic of smallpox at Torreon.

U. S. CONSULATE,
Piedras Negras, Mexico, January 20, 1894.

SIR: I have the honor to report for the information of the Department that Senor Juan A. Munoz, the collector of customs for the Republic of Mexico at the port of Cd. Porfio Diaz, exhibited to me to-day a letter from Gen. Reyes, in which he states that the smallpox that has been in Torreon, Mexico, as an epidemic for some weeks is now subsiding; that it is gradually disappearing under the strict regulations of the Mexican Government as regards fumigation and hygienic precautions, which are being strictly enforced, and that smallpox has virtually disappeared from this stricken city. The mayor of the city, under orders

from Gen. Reyes, has ordered all the streets cleaned, the cesspools have been filled up and moved from the town, vaccination is being enforced and made compulsory, and it is now prohibited for more than a certain number to live in the same house. Gen. Reyes's circular deserves the thanks of all the citizens here and in Mexico for the prompt manner in which he has eradicated smallpox from the city of Torreon when it was an epidemic.

Torreon being quite a railroad center makes it the more important that smallpox should be suppressed there.

I have the honor to be, your obedient servant,

JESSE W. SPARKS, *Consul.*

To the Hon. ASSISTANT SECRETARY OF STATE.

Smallpox in Mexico.

LAREDO, TEX., *February 2, 1894.*

I have the honor to state that an epidemic of smallpox is now prevalent at La Ventura, a small town about 60 miles south of Saltillo, Mexico, and that as many as 5 deaths occur from it in one day. I get my information from officers of the Mexico National Railway. I also understand from the same reliable source that a large number of cases of the disease exist at Saltillo and some at Monterey, and that it is undoubtedly advancing along the line of the railway toward this border. When smallpox has heretofore prevailed in Texas, it has almost invariably entered the State from Mexico, where it seems to be endemic.

Very respectfully, your obedient servant,

J. P. ARTHUR, M. D.

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

RUSSIA.

Cholera in St. Petersburg.

Under date of January 19, 1894, the U. S. consul-general at St. Petersburg reports that during the week ended January 6, 1894, there were 101 cases of cholera and 45 deaths from the same disease in that city. He adds "the weather is very warm in the Empire, and perhaps this fact has influenced the cholera epidemic unfavorably."

Cholera in Russia.

U. S. CONSULATE,
Batoum, Russia, January 6, 1894.

SIR: I have the honor of transmitting herewith official returns, published during past week, concerning Asiatic cholera in this consular district:

Place.	Date.	Cases.	Deaths.
Stavropol (government).....	Dec. 23-28	11	3
Kars (government).....	Dec. 13-26	13	2
Erivan (government).....	Dec. 17-29	21	10
Erivan (town).....	Dec. 17-23	5	2

I am, sir, your most obedient servant,

JAMES C. CHAMBERS,
U. S. Consul.

To the Hon. ASSISTANT SECRETARY OF STATE.

Gholera in Russian Poland during December, 1893.

VIENNA, January 24, 1894.

SIR: The following very important figures have been obtained from official sources. In Russian Poland there were during the month of December just past 474 cases of cholera with 248 deaths. This region, of which Warsaw is the capital, is the district from which all the Russian Jews come to the United States.

In Roumania, which has remained comparatively free from cholera, many of the local quarantines have been discontinued.

In Constantinople there occur from 15 to 20 cases of cholera daily.

I leave to-day for Petersburg direct via Warsaw.

Respectfully, yours,

FAIRFAX IRWIN,
Surgeon, M. H. S.

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

STATISTICAL REPORTS.

CUBA—*Havana*.—Under date of February 3, 1894, the U. S. sanitary inspector reports as follows:

There were 480 deaths in this city during the month of January, 1894. Eight of those deaths were caused by yellow fever, 3 by enteric fever, 7 by so-called pernicious fever, 3 by paludal fever, 1 by scarlet fever, 15 by diphtheria, 10 by smallpox, 2 by glanders, 16 by entero-colitis, 2 by cholera infantum, and 23 by pneumonia.

During the week ended February 1 there were 106 deaths, 3 of which were caused by yellow fever, with approximately 12 new cases; 2 were caused by smallpox, with approximately 20 new cases; 3 were caused by enteric fever, 2 by so-called pernicious fever, 2 by diphtheria, 1 by glanders, 8 by entero-colitis, and 6 by pneumonia.

FRANCE—*Boulogne sur Mer*.—Ten days ended January 20, 1894. Population, 44,886. Total deaths, 40, including enteric fever, 1; and diphtheria, 2.

Marseilles.—Month of December, 1893. Population, 406,919. Total deaths, 999, including enteric fever, 9; scarlet fever, 1; diphtheria, 45; measles, 7; and whooping cough, 1.

Rouen.—Month of December, 1893. Population, 111,847. Total deaths, 292, including smallpox, 1; and diphtheria, 18.

St. Etienne.—Two weeks ended January 20, 1894. Population, 133,443. Total deaths, 142, including enteric fever, 1; scarlet fever, 4; diphtheria, 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 January 20 corresponded to an annual rate of 23.2 a thousand of the aggregate population, which is estimated at 10,327,846. The lowest rate was recorded in Halifax, viz, 15.2, and the highest in Norwich, viz, 42.4 a thousand.

London.—One thousand nine hundred and seventy-five deaths were registered during the week, including measles, 45; scarlet fever, 25;

Ireland.—The average annual death rate represented by the deaths registered during the week ended January 20 in the 16 principal town districts of Ireland was 30·9 a thousand of the population. The lowest rate was recorded in Lurgan, viz, 13·7, and the highest in Wexford, viz, 54·2 a thousand. In Dublin and suburbs 207 deaths were registered, including diphtheria, 1; measles, 3; whooping cough, 12; and enteric fever, 5.

NOVA SCOTIA—*Windsor*.—Month of January, 1894. Population, 2,750. Total deaths, 5. No deaths from contagious diseases.

SPAIN—*Barcelona*.—Month of November, 1893. Population, 246,400. Total deaths, 660, including smallpox, 29; enteric fever, 50; and diphtheria, 38.

MORTALITY TABLE, FOREIGN CITIES.

[illegible]

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.
Brussels	Jan. 13.	482,158	249			1		3		1		2
Buda-Pesth	Dec. 31.	600,000	14					2	1			1
Buda-Pesth	Jan. 8.	600,000	18					2	7	1		
Buda-Pesth	Jan. 15.	600,000	27					1	5	1		3
Cairo	Jan. 4.	374,838	405							1		1
Calcutta	Dec. 16.	681,560	552	16				5				1
Calcutta	Dec. 23.	681,560	575	8		1						1
Callao	Jan. 7.	25,000	20			1						
Callao	Jan. 14.	25,000	12									
Catania	Jan. 15.	113,000	171					4		3		
Chatham	Jan. 27.	10,000	2									
Chennnitz	Jan. 11.	145,000	90						4	5	3	
Chennnitz	Jan. 20.	145,000								8	1	
Christiana	Jan. 13.	161,151	57					2				
Ceiba	Jan. 14.	5,000	1									
Ceiba	Jan. 21.	5,000	1									
Cienfuegos	Jan. 27.	23,000	17		1							
Cognac	Jan. 13.	17,500	7									
Cognac	Jan. 20.	17,500	8									
Cologne	Jan. 6.	305,104	153					1		14	4	3
Cologne	Jan. 13.	305,104	177						1	16		2
Colon	Jan. 20.	5,000	6									
Crefeld	Jan. 13.	108,000	83							3		
Curacao	Jan. 27.	27,493	8									
Danzig	Jan. 13.	120,459	57									
Danzig	Jan. 20.	120,459	56						3	4		2
Dresden	Jan. 6.	289,844	134							14		2
Dresden	Jan. 13.	289,844	126							13		5
Dublin	Jan. 13.	349,500	285				1				4	
Dundee	Jan. 13.	158,719	76									7
Dunkirk	Jan. 22.	140,000	28									
Dusseldorf	Jan. 6.	162,832	58									
Dusseldorf	Jan. 13.	162,832	76				2					
Edinburgh	Dec. 30.	367,672	101					1	1	2		2
Edinburgh	Jan. 13.	367,672	110							2		8
Fayal	Dec. 30.	23,382	5									
Fayal	Jan. 6.	23,382	2									
Fayal	Jan. 13.	23,382	2									
Fayal	Jan. 20.	23,382	3									
Florence	Jan. 14.	188,594	221					1				
Frankfort on the Main	Jan. 20.	196,000	64						1	2		3
Funchal	Jan. 13.	35,665	20					2				
Ghent	Jan. 20.	151,811	104						1			1
Gibraltar	Jan. 14.	25,735	13									
Gibraltar	Jan. 21.	25,735	12							2		
Girgenti	Jan. 13.	23,847	14									
Glasgow	Jan. 13.	677,883	322						3	4	2	22
Gothenburg	Jan. 13.	108,000	32						1			
Guayaquil	Jan. 4.		69		2	26		21				
Guayaquil	Jan. 11.		37		8	14		6				
Guelph	Jan. 27.	10,689	3									
Halifax	Jan. 27.	38,700	12						1			
Hamburg	Jan. 13.	647,479	244					1	3	9	3	1
Havana	Jan. 18.	200,048	112		2	5			1	5		
Havana	Jan. 25.	200,048	110		1	3				4		
Hioغو	Dec. 30.	148,118	71					1		1		
Hioغو	Jan. 7.	148,118	79									
Kehl	Dec. 30.	129,556	74					1	1	6		1
Kehl	Jan. 6.	129,556	67					1		3		2
Kingston	Feb. 3.	19,264	1									
Konigsberg	Jan. 20.	167,000							4	1	2	
Leeds	Jan. 20.	382,094	156					2				4
Leghorn	Jan. 20.	103,230	80						1	2		
Leith	Dec. 30.	69,956	33			1						
Leith	Jan. 13.	35,261	34									3
Licata	Jan. 13.	20,000	14									
Liege	Jan. 20.	155,898	63					1			2	
Liverpool	Jan. 13.	517,980	324				1	6	3	1	3	16
London, Canada	Jan. 27.	35,000	18							3		
Lyons	Jan. 13.	438,077	217					3		2	1	
Magdeburg	Jan. 6.	218,508	100							9		
Magdeburg	Jan. 13.	218,508	98						1	9	1	
Manila	Dec. 16.	350,000	119									
Manila	Dec. 23.	350,000	149									

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.
Mannheim.....	Jan. 6.....	80,000	28							3		
Marsala.....	Jan. 13.....	40,131	22					1				
Matamoras.....	Jan. 26.....	8,000	6									
Matanzas.....	Jan. 24.....	40,000	25									
Mayence.....	Jan. 20.....	72,280	35							4		
Munich.....	Jan. 13.....	390,000	177							7	8	2
Nagasaki.....	Dec. 30.....	61,999	1		1							
Nogales.....	Jan. 27.....	1,200	2									
Nuremberg.....	Dec. 30.....	154,086	59							2		
Nuremberg.....	Jan. 6.....	155,312	62							5		1
Odessa.....	Jan. 6.....	315,900	164				1	8	19			
Odessa.....	Jan. 13.....	315,900	140		1	1		3	15			1
Palermo.....	Jan. 13.....	250,000	183					2		5		
Piedras Negras.....	Dec. 16.....	10,000	5									
Piedras Negras.....	Dec. 23.....	10,000	4									
Piedras Negras.....	Dec. 30.....	10,000	7									
Piedras Negras.....	Jan. 6.....	10,000	9									
Piedras Negras.....	Jan. 13.....	10,000	7									
Piedras Negras.....	Jan. 20.....	10,000	6									
Plymouth.....	Jan. 20.....	86,781	64									9
Port Sarnia.....	Jan. 27.....	7,000	1									
Prague.....	Jan. 6.....	188,140	131					5		5		
Prague.....	Jan. 13.....	188,140	121					4	1	6	2	
Puerto Cabello.....	Jan. 20.....	10,500	11									
Rheims.....	Jan. 20.....	105,408	53							1		1
Rio de Janeiro.....	Jan. 6.....	590,200	297	28	2			5			2	1
Rotterdam.....	Jan. 20.....	228,596	155		8							
Sagua la Grande.....	Jan. 6.....	18,109	15		1							
Sagua la Grande.....	Jan. 13.....	18,109	10									
Sagua la Grande.....	Jan. 20.....	18,109	9									
St. Petersburg.....	Jan. 6.....	1,100,000	45									
St. Stephen.....	Jan. 27.....	2,700	1									
Santiago.....	Jan. 18.....	60,000	31					3	3	4		
Schiedam.....	Jan. 20.....	25,533	12									
Sheffield.....	Jan. 13.....	336,342	161					3		1	4	15
Sonneberg.....	Dec. 31.....	12,000	3									
Sonneberg.....	Jan. 7.....	12,000	4									
Sonneberg.....	Jan. 14.....	12,000	5							1		
Southampton.....	Jan. 13.....	66,774	49									
Stettin.....	Jan. 13.....	122,000	67							2		
Stockholm.....	Jan. 13.....	249,246	88						2	6		3
Stuttgart.....	Jan. 11.....	139,659	70						1			9
Stuttgart.....	Jan. 18.....	139,659	69					1		5		
Swansea.....	Jan. 20.....	95,000	35					1	1			
Tampico.....	Jan. 27.....	7,000	21									
Tegucigalpa.....	Jan. 6.....	12,000	4									
Tegucigalpa.....	Jan. 13.....	12,000	12									
Trapani.....	Jan. 13.....	43,095	12				1	2		2		
Trieste.....	Jan. 6.....	158,314	109		2				1	4	2	
Trieste.....	Jan. 13.....	158,314	170		6				3	7		
Truxillo.....	Jan. 20.....	5,000	1									
Vera Cruz.....	Jan. 25.....	25,500	33		2							
Victoria.....	Jan. 6.....	16,841	4									
Victoria.....	Jan. 13.....	16,841	4									
Victoria.....	Jan. 20.....	16,841	9									
Vienna.....	Jan. 6.....	1,364,548	706					2	8	54	15	5
Zurich.....	Jan. 6.....	115,000	62							7	1	
Zurich.....	Jan. 13.....	115,000	70							1		1

CORRECTION.—The death reported from yellow fever at Port Sarnia, in ABSTRACT of February 2, 1894, occurred at Port of Spain, Trinidad.

By authority of the Secretary of the Treasury:

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