

ABSTRACT OF SANITARY REPORTS.

VOL. IX.

WASHINGTON, D. C., APRIL 13, 1894.

No. 15.

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.]

Recovery and discharge of smallpox patient at Delaware Breakwater Quarantine.

DELAWARE BREAKWATER, April 4, 1894.—I have the honor to report that I have to-day discharged, recovered, the last case of smallpox taken from the Belgian steamship *Erivan*.—WM. P. ORR, *Acting Assistant Surgeon, M. H. S.*

Smallpox in Nogales, Ariz.

NOGALES, April 12, 1894.—One case of smallpox in this city; general alarm.—W. F. CHENOWITH, M. D.

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

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Boston, Mass., April 9, 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 immigrants.
1894.			
Apr. 2	Steamship Pavonia.....	Liverpool and Queenstown.....	187
6	Steamship Wandrahm.....	Hamburg via Flushing.....	188
6	Steamship Lake Superior.....	Liverpool via Halifax.....	13
	Total.....		388

S. C. WRIGHTINGTON,
Commissioner of Immigration.

*Report of immigration at New York for the week ended April 7, 1894.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of New York, April 9, 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 immigrants.
1894.			
Apr. 2	Steamship La Bourgogne.....	Havre.....	192
2	Steamship Roland.....	Bremen.....	444
3	Steamship Peruvian.....	Glasgow.....	94
3	Steamship Saale.....	Bremen.....	144
3	Steamship Amsterdam.....	Rotterdam and Boulogne.....	97
3	Schooner Molega.....	St. Domingo.....	1
4	Steamship Massilia.....	Marseilles and Naples.....	548
4	Steamship Russia.....	Hamburg.....	356
4	Steamship Darmstadt.....	Bremen.....	132
5	Steamship Fulda.....	Genoa.....	483
5	Steamship Essen.....	Hamburg.....	57
5	Steamship State of California.....	Glasgow.....	143
5	Steamship Chester.....	Southampton.....	75
6	Steamship Frare.....	Bremen.....	159
6	Steamship Taormina.....	Hamburg.....	201
6	Steamship Waesland.....	Antwerp.....	123
7	Steamship Britannic.....	Liverpool and Queenstown.....	230
7	Steamship Fürst Bismarck.....	Genoa.....	83
7	Steamship Amerika.....	Copenhagen, etc.....	352
7	Steamship Italia.....	Naples.....	268
	Total.....		4,182

EDW. F. MCSWEENEY,
*Acting Commissioner of Immigration.**Report of immigration at Philadelphia for the week ended April 7, 1894.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of Philadelphia, Pa., April 7, 1894.**Number of alien immigrants who arrived at this port during the week ended April 7, 1894;
also names of vessel and port from which it arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
1894.			
Apr. 2	Steamship Southwark.....	Liverpool.....	245

JNO. J. S. RODGERS,
*Commissioner of Immigration.**Report of States and yearly and monthly reports of cities.*

ALABAMA—*Mobile*.—Month of March, 1894. Population, 31,076. Total deaths, 76, including phthisis pulmonalis, 10; and whooping cough, 2.

CALIFORNIA—*Los Angeles*.—Month of March, 1894. Population, 65,000. Total deaths, 108, including phthisis pulmonalis, 24; enteric fever, 1; and diphtheria, 1.

CONNECTICUT—*Bridgeport*.—Month of March, 1894. Population, 58,243. Total deaths, 72, including phthisis pulmonalis, 10; scarlet fever, 2; diphtheria and croup, 1; and whooping cough, 2.

FLORIDA—*Pensacola*.—Month of March, 1894. Estimated population, 15,000. Total deaths, 16, including phthisis pulmonalis, 1; and enteric fever, 1.

Tampa.—Month of March, 1894. Estimated population, 12,000. Total deaths, 16, including 2 from phthisis pulmonalis.

GEORGIA—*Columbus*.—Month of March, 1894. Population, white, 10,276; colored, 9,027; total, 19,303. Deaths, white, 8; colored, 14; total, 22, including 6 from phthisis pulmonalis.

INDIANA—*Evansville*.—Month of March, 1894. Population, 55,756. Total deaths, 94, including phthisis pulmonalis, 19; enteric fever, 3; measles, 1; and whooping cough, 3.

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

Boone.—Diphtheria, 6; pneumonia, 1. Total deaths, 12. Population, 10,000. Death rate per 1,000, 1·2+; for January, 1·6. Cases reported, diphtheria, 12; scarlet fever, 10; measles, 8.

Burlington.—Diphtheria, 3; measles, 2; typhoid fever, 1; meningitis, 1; consumption, 4; pneumonia, 1; cancer, 1; violent, 2; suicide, 1. Total deaths, 28. Population, 30,000. Death rate per 1,000, 0·9+; for January, 0·73.

Clinton.—Consumption, 2; cancer, 1; accident, 1. Total deaths, 16. Population, 22,000. Death rate per 1,000, 0·757+.

Council Bluffs.—Smallpox, 1; consumption, 2; pneumonia, 7; cholera infantum, 1; cancer, 1; suicide, 1. Total deaths, 26. Population, 35,000. Death rate per 1,000, 0·74; for January, 0·74.

Davenport.—Diphtheria, 4; membranous croup, 2; typhoid fever, 1; consumption, 4; pneumonia, 1; la grippe, 3; whooping cough, 1; suicide, 1. Total deaths, 29. Population, 34,000. Death rate per 1,000, 0·8+; for January, 1·05+.

Des Moines.—Consumption, 4; pneumonia, 5; la grippe, 4; meningitis, 4; diphtheria, 1; violent, 4; suicide, 1; old age, 3. Total deaths, 52. Population, 74,846. Death rate per 1,000, 0·79+; for January, 1·18.

Dubuque.—Diphtheria, 2; membranous croup, 3; consumption, 3; pneumonia, 1; la grippe, 1; meningitis, 1; cancer, 1. Total deaths, 30. Population, 40,000. Death rate per 1,000, 0·732+; for January, 0·825.

Keokuk.—Consumption, 3; measles, 2; poison, 1; accident, 1. Total deaths, 17. Population, 20,000. Death rate per 1,000, 0·8; for January, 0·8.

Mason City.—Diphtheria, 1. Total deaths, 4. Population, 5,500. Death rate per 1,000, 0·727+; for January, 0·72+.

Oskaloosa.—Croup, 1; old age, 1; suicide, 1. Total deaths, 7. Population, 7,500. Death rate per 1,000, 0·89; for January, 1·3.

Ottumwa.—Consumption, 2; pneumonia, 3; typhoid fever, 1; membranous croup, 1; accident, 1; meningitis, 1. Total deaths, 12. Population, 17,000. Death rate per 1,000, 0·7+.

KENTUCKY—*Louisville*.—Month of March, 1894. Estimated population, 200,000. Total deaths, 223, including phthisis pulmonalis, 32; enteric fever, 4; and diphtheria, 1.

MARYLAND—*Baltimore*.—Month of March, 1894. Population, white, 384,394; colored, 71,033; total, 455,427. Deaths, white, 575; colored, 184; total, 759, including phthisis pulmonalis, 91; enteric fever, 6; scarlet fever, 12; diphtheria, 13; and whooping cough, 7.

MICHIGAN.—Month of March, 1894. Reports to the State board of health, Lansing, from 221 observers, indicate that for the month of March, 1894, compared with the preceding month, remittent fever, inflammation of kidney, intermittent fever, and diarrhea increased in area of prevalence. Compared with the average for the month of March in the eight years, 1886–1893, erysipelas, intermittent fever, diarrhea, pneumonia, remittent fever, pleuritis, and consumption were less prevalent, and scarlet fever was more prevalent in March, 1894. Including reports by regular observers and others, scarlet fever was reported present in Michigan in the month of March, 1894, at 100 places; diphtheria at 62 places; measles at 37 places; typhoid fever at 27 places, and smallpox at 4 places; consumption was reported present by 38 per cent of the observers making weekly card reports. Reports from all sources show scarlet fever reported at 1 place more; diphtheria at 13 places more; measles at 13 places more, and typhoid fever at 2 places less than in the preceding month; smallpox was reported present at the same number of places.

Grand Rapids.—Month of March, 1894. Estimated population, 90,000. Total deaths, 76, including phthisis pulmonalis, 12; and enteric fever, 2.

MINNESOTA—*Winona*.—Month of March, 1894. Population, 20,000. Total deaths, 21, including phthisis pulmonalis, 4; and scarlet fever, 1.

NEW JERSEY—*Newark*.—Month of February, 1894. Estimated population, 200,000. Total deaths, 345, including phthisis pulmonalis, 37; scarlet fever, 9; diphtheria, 5; croup, 5; measles, 8; and whooping cough, 5.

OHIO—*Cincinnati*.—Month of March, 1894.—Estimated population, 325,000. Total deaths, 549, including phthisis pulmonalis, 82; enteric fever, 15; scarlet fever, 1; diphtheria, 20; and whooping cough, 6.

Cleveland.—Month of March, 1894. Estimated population, 325,000. Total deaths, 427, including phthisis pulmonalis, 41; enteric fever, 8; scarlet fever, 7; diphtheria, 11; croup, 4; measles, 4; and whooping cough, 6.

Dayton.—Month of March, 1894. Population, 75,000. Total deaths, 102, including phthisis pulmonalis, 22; diphtheria, 8; and measles, 2.

Youngstown.—Month of March, 1894. Population, 35,000. Total deaths, 26, including phthisis pulmonalis, 2; and diphtheria, 1.

PENNSYLVANIA—*Williamsport*.—Month of March, 1894. Population, 27,132. Total deaths, 28, including phthisis pulmonalis, 2; enteric fever, 1; and diphtheria, 2.

TENNESSEE—*Chattanooga*.—Month of March, 1894. Population, white, 27,000; colored, 13,000; total, 40,000. Deaths, white, 20; colored, 16; total, 36, including phthisis pulmonalis, 6, and croup, 1.

PUBLICATION RECEIVED.

Annual Report of the Department of Health of the City of Minneapolis, Minn., for the year 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.	Varicoid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
													Whooping cough.
Auburn, N. Y.....	Apr. 7.....	25,858	8										
Baltimore, Md.....	Apr. 7.....	434,439	152	18						3			1
Binghamton, N. Y.....	Apr. 7.....	35,005	19									1	
Boston, Mass.....	Apr. 7.....	448,477	222		2				2	3	6		1
Brooklyn, N. Y.....	Apr. 7.....	806,343	400	50	7				2	14	22	9	6
Cincinnati, Ohio.....	Apr. 6.....	296,908	106	15					2	3			
Cleveland, Ohio.....	Mar. 31.....	261,353	101	9						5	2	1	2
Cleveland, Ohio.....	Apr. 7.....	261,353	108	12					3	5	2	5	2
Detroit, Mich.....	Apr. 7.....	205,870	81										
Indianapolis, Ind.....	Mar. 24.....	105,436	41	1					1		3	1	
Indianapolis, Ind.....	Apr. 7.....	105,436	36	4							1		
Memphis, Tenn.....	Apr. 7.....	64,495	18	4									
Milwaukee, Wis.....	Apr. 7.....	204,468	73	6					3		5	1	
Minneapolis, Minn.....	Apr. 7.....	164,738	44	4					2		1		
Mobile, Ala.....	Apr. 7.....	31,076	12	3									
Nashville, Tenn.....	Apr. 7.....	76,306	24	1						1			2
New Orleans, La.....	Mar. 31.....	242,039	99	17					2				
New York, N. Y.....	Apr. 7.....	1,515,301	850	118	5				6	21	52	25	5
Omaha, Nebr.....	Mar. 31.....	140,452								1	2		
Omaha, Nebr.....	Apr. 7.....	140,452	22	3					1		1		
Pensacola, Fla.....	Mar. 31.....	11,750	4	1									
Philadelphia, Pa.....	Mar. 31.....	1,046,964	455	63					5	13	19	2	4
Pittsburg, Pa.....	Mar. 31.....	238,617	89	6					3	4		1	2
Portland, Me.....	Mar. 31.....	36,425	19	4					1			1	
Portland, Me.....	Apr. 7.....	36,425	18	3							2		
Providence, R. I.....	Apr. 7.....	132,146	59						3	1			
Rochester, N. Y.....	Mar. 31.....	133,896	28	2							2	1	
Rochester, N. Y.....	Apr. 7.....	133,896	42	11							2	1	
St. Louis, Mo.....	Mar. 31.....	451,770	184	24					2		3		4
San Diego, Cal.....	Mar. 31.....	16,159	5										
San Francisco, Cal.....	Mar. 31.....	298,997	120	20					3				
Toledo, Ohio.....	Apr. 6.....	81,434	27						1				1
Washington, D. C.....	Mar. 31.....	230,392	102	9					1	1	2		
Yonkers, N. Y.....	Apr. 6.....	32,033	16								1		
Youngstown, Ohio.....	Apr. 6.....	33,220	7						1				

Table of temperature and rainfall, week ended April 2, 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.....	33		4	.93		.81
Portland, Me.....	35		3	.70		.60
Northfield, Vt.....	31		2	.58		.63
Boston, Mass.....	39		0	.96		.74
Nantucket, Mass.....	37		1	.76	.02	
Block Island, R. I.....	39		1	.77		.12
New London, Conn.....	40		3	1.03		.53
Middle Atlantic States:						
Albany, N. Y.....	38		2	.63		.61
New York, N. Y.....	42		2	.89		.60
Philadelphia, Pa.....	44		3	.70		.53
Atlantic City, N. J.....	42		2	.84		.15
Baltimore, Md.....	46		4	.82		.68
Washington, D. C.....	46		4	.89		.63
Lynchburg, Va.....	50		6	.84		.58
Norfolk, Va.....	51		5	1.03	.39	
South Atlantic States:						
Charlotte, N. C.....	55		8	.96		.88
Wilmington, N. C.....	57		7	.89		.72
Charleston, S. C.....	60		7	.93		.87
Augusta, Ga.....	60		10	1.05		.90
Savannah, Ga.....	62		8	.86		.82
Jacksonville, Fla.....	65		8	.70		.70
Titusville, Fla.....	68		8	.57		.57
Jupiter, Fla.....	72		6	.42		.41
Key West, Fla.....	74		4	.21		.18
Gulf States:						
Atlanta, Ga.....	56		10	1.66		1.45
Pensacola, Fla.....	64		10	1.12		1.10
Mobile, Ala.....	63		10	1.56		1.55
Montgomery, Ala.....	61		10	1.33		.79
Vicksburg, Miss.....	62		9	1.49		.16
New Orleans, La.....	66		10	1.31		1.03
Shreveport, La.....	63		9	1.19		.98
Fort Smith, Ark.....	56		8	.89		.87
Little Rock, Ark.....	58		9	1.07		.12
Palestine, Tex.....	63		7	.96		.86
Galveston, Tex.....	66		7	.70		.46
San Antonio, Tex.....	66		4	.70		.70
Corpus Christi, Tex.....	67		7	.30		.26
Ohio Valley and Tennessee:						
Memphis, Tenn.....	57		9	1.28		.36
Nashville, Tenn.....	53		10	1.14		.04
Chattanooga, Tenn.....	55		10	1.26		.68
Knoxville, Tenn.....	52		10	1.26		.32
Louisville, Ky.....	51		9	.98		.70
Indianapolis, Ind.....	45		8	.84		.62
Cincinnati, Ohio.....	47		9	.77		.61
Columbus, Ohio.....	44		8	.68		.48
Parkersburg, W. Va.....	45		7	.77		.57
Pittsburg, Pa.....	44		7	.70		.65
Lake Region:						
Oswego, N. Y.....	34		2	.55		.29
Rochester, N. Y.....	35		2	.68		.39
Buffalo, N. Y.....	34		3	.56		.45
Erie, Pa.....	37		4	.61		.44
Cleveland, Ohio.....	38		5	.61		.21
Sandusky, Ohio.....	39		5	.56		.13
Toledo, Ohio.....	40		5	.44		.18
Detroit, Mich.....	39		6	.49		.27
Port Huron, Mich.....	33		1	.61		.52
Alpena, Mich.....	29		0	.49		.41
Marquette, Mich.....	28		2	.37		.30
Green Bay, Wis.....	33	1		.49		.49
Grand Haven, Mich.....	36		5	.56		.31
Milwaukee, Wis.....	36		3	.62		.49
Chicago, Ill.....	37		4	.65		.12
Duluth, Minn.....	30		7	.37		.36
Upper Mississippi Valley:						
St. Paul, Minn.....	36		4	.44	.19	
La Crosse, Wis.....	38		3	.42		.34

*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 2, 1894—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Defic'ncy.	Normal.	Excess.	Deficiency.
Upper Mississippi Valley—Cont'd.						
Dubuque, Iowa.....	40	.....	6	'56	.....	'08
Davenport, Iowa.....	41	.....	5	'52	.....	'28
Des Moines, Iowa.....	42	.....	5	'42	.....	'11
Keokuk, Iowa.....	44	.....	4	'49	.....	'48
Springfield, Ill.....	45	.....	6	'49	.....	'40
Cairo, Ill.....	52	.....	8	'76	.....	'59
St. Louis, Mo.....	49	.....	6	'72	.....	'66
Missouri Valley:						
Springfield, Mo.....	50	.....	6	'77	.....	'64
Kansas City, Mo.....	48	.....	4	'58	.....	'58
Wichita, Kans.....	49	.....	3	'63	.....	'63
Concordia, Kans.....	45	.....	0	'63	.....	'63
Omaha, Nebr.....	43	.....	3	'56	.....	'56
Valentine, Nebr.....	39	.....	0	'30	.....	'29
Huron, S. Dak.....	37	.....	3	'21	.....	'07
Pierre, S. Dak.....	38	.....	5	'24	.....	'19
Moorehead, Minn.....	29	.....	4	'29	.....	'23
St. Vincent, Minn.....	25	.....	1	'21	'11	.....
Bismarck, N. Dak.....	32	.....	4	'35	.....	'30
Williston, N. Dak.....	33	.....	3	'16	'04	.....
Rocky Mountain Slope:						
Havre, Mont.....	37	.....	5	'14	'23	.....
Helena, Mont.....	39	.....	2	'19	.....	'11
Rapid City, S. Dak.....	38	.....	1	'30	.....	'29
Spokane, Wash.....	45	.....	1	'23	'63	.....
Wallawalla, Wash.....	50	.....	0	'35	'66	.....
Winnemucca, Nev.....	44	7	.....	'21	.....	'16
Salt Lake City, Utah.....	46	5	.....	'51	.....	'41
Cheyenne, Wyo.....	39	.....	1	'16	.....	'14
North Platte, Nebr.....	43	1	.....	'16	.....	'16
Denver, Colo.....	44	.....	0	'39	.....	'16
Pueblo, Colo.....	46	.....	2	'28	.....	'10
Dodge City, Kans.....	48	.....	3	'21	.....	'16
Abilene, Tex.....	60	.....	5	'62	.....	'62
Santa Fe, N. Mex.....	44	1	.....	'21	.....	'19
El Paso, Tex.....	60	.....	0	'07	.....	'07
Tucson, Ariz.....	62	4	.....	'14	.....	'14
Pacific Coast:						
Port Angeles, Wash.....	43	1	.....	'49	.....	'07
Olympia, Wash.....	47	1	.....	'91	1.06	.....
Portland, Oreg.....	51	.....	1	'99	'36	.....
Roseburg, Oreg.....	51	1	.....	'68	'08	.....
Red Bluff, Cal.†.....	.....	.....	.....	.....	.....	.....
Sacramento, Cal.....	58	2	.....	'70	.....	'70
San Francisco, Cal.....	55	.....	1	'68	.....	'68
Fresno, Cal.....	59	3	.....	'37	.....	'37
Los Angeles, Cal.....	58	.....	0	'50	.....	'50
San Diego, Cal.....	58	.....	2	'26	.....	'26
Yuma, Ariz.....	63	3	.....	'00	.....	'00

*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.]

BRITISH COLUMBIA.

Smallpox on the steamship Empress of India.

U. S. CONSULATE,

Victoria, British Columbia, March 28, 1894.

SIR: This port and province have been frightened again by the appearance of smallpox among Chinese immigrants at Vancouver. The steamship *Empress of India* brought the infection to this port March 13, passing on to Vancouver the next morning. When the *Empress* was about to sail from Yokohama on March 2 two cases of smallpox were discovered on board. They were removed to shore and to quarantine, the ship was disinfected, and the same day, with only a few hours' delay, proceeded to Victoria, arriving here at noon of the 13th of March. The officers in charge of her claimed a clean bill of health, and nobody suspected danger. She lay here all day, and was visited by many citizens, who mingled freely with all on board, and her cabin passengers came ashore and promenaded the streets and entered stores and hotels at pleasure.

Some 72 Chinamen and 20 Japanese were landed and remained here. Dr. McNaughton Jones, the Dominion quarantine officer for this port, was probably not informed of the unfavorable start the vessel made from Yokohama, and did not make as careful an investigation as he would have done had the facts been known to him. The officers of the *Empress* claimed that no cases of smallpox had appeared during the passage. She passed on to Vancouver, and nearly 100 of her Chinese were forwarded over the Canadian Pacific Railroad via New York, to the West Indies, while some 70 were left in bond at Vancouver, destined for sound ports. It was among these, while in the bonded Chinese shed, that smallpox appeared, some twenty-two days after the *Empress* left Yokohama. All emigrants on board the *Empress* at Yokohama who had been in contact with the contagion were properly suspects, and should have been removed from the vessel and detained ashore until the expiration of fourteen days. Otherwise she should, on arriving at Victoria, have been placed in quarantine and kept there until all danger was certainly over.

There is much feeling here about it, and the officers of the *Empress* are severely blamed for their seeming indifference and neglect.

The steamship *Tacoma*, of the Northern Pacific Line, arrived at this port from Yokohama at 5 o'clock on the evening of the 26th, with 61 Japanese for Victoria and Vancouver, and 51 Chinese, 15 of whom were destined for the United States direct, and went on to the port of Tacoma, Wash. The Chinese and Japanese destined for British Columbian ports were taken ashore here by the port medical officers, and they and their baggage were disinfected, as a precautionary measure. After twenty-four hours' detention they were released.

I am, sir, your obedient servant,

LEVI W. MYERS,
U. S. Consul.

Hon. ASSISTANT SECRETARY OF STATE.

CANADA.

Epidemic of measles at Coaticook.

The U. S. consul at Coaticook reports that during the week ended April 7, 1894, there were 160 cases of measles with 3 deaths therefrom in that town (population 2,500), and adds: "The cases of measles have become more malignant in form; high fever, lips parched, and patients very weak following fever."

HOLLAND.

Smallpox at Rotterdam.

Under date of March 28, 1894, the U. S. consul at Rotterdam reports that during the four weeks ended March 24, 1894, there were 208 cases of smallpox with 33 deaths therefrom in that city.

NOVA SCOTIA.

Arrival of immigrants at Halifax.

HALIFAX, April 2, 1894.—I have the honor to report the arrival here yesterday of the steamship *Parisian*, from Liverpool, with 62 emigrants destined for the United States. No baggage disinfection. All well.—DARIUS H. INGRAHAM, *Consul-General*.

HALIFAX, April 5, 1894.—I have the honor to inform you of the arrival at this port of the steamship *Lake Superior*, from Liverpool, England, with 52 emigrants destined for the United States. All well.—GEORGE HILL, *Vice and Deputy Consul-General*.

RUSSIA.

Cholera in the Don, Kouban, and Ter districts during 1893.

PARIS, March 30, 1894.—I have the honor to inclose herewith the statistics of the cholera epidemic during the year 1893 in the territories of the Don, Kouban, and Ter, Russia. There is also inclosed a letter of transmittal from the acting U. S. consular agent at Rostoff on Don.—FAIRFAX IRWIN, *Surgeon, M. H. S.*

[Inclosure to U. S. consul-general at St. Petersburg.]

ROSTOFF ON DON, March 12, 1894.—Herewith I beg to hand you a return of cholera statistics for the year 1893 in the Don, Ter, and Kouban territories. The epidemic became extinct as follows, viz: In the Don territory from December 11 to 23; in the Ter territory from November 26 to 27; in the Kouban territory from December 2 to 14, 1893; and in the town of Rostoff it lasted from July 10 to 22 to August 16 to 28. From the dates mentioned until the present time no cases have been reported. For the prevention of an outbreak in the spring, all possible sanitary measures and precautions are being taken both in the town of Rostoff and the districts mentioned above. Temporary buildings have been set apart for the reception, in case of need, of suspicious

cases; such buildings, as well as the permanent cholera wards, hospitals, ambulances, etc., being kept in thorough repair and supplied with all the necessary appliances. Disinfectants are kept ready for use at all hospitals, etc., and the increase of the sundry medical staffs has been provided for in case of emergency. I am still without the necessary information as regards the Stavropol government, but on receipt will forward the same.—W. R. MARTIN, *Acting U. S. Consular Agent*.

Statistics of the cholera epidemic during the year 1893.

U. S. CONSULAR AGENCY,
Rostoff on Don, March, 1894.

	Cases.	Deaths.
Don territory:		
Town of Novotcherkask.....	110	49
Town of Alexandrovsk-Grooshevsky.....	30	20
Town of Rostoff on Don.....	807	428
Town of Nahitchevan Don.....	63	32
Town of Taganrog.....	94	51
District of Tcherkask.....	274	114
District of Rostoff.....	874	397
District of Taganrog.....	483	232
Donskoi district No. 1.....	88	62
Donskoi district No. 2.....	27	20
Hopiorsky district.....	125	75
Donletz district.....	89	56
Salsky district.....	20	8
Kouban territory.....	3,084	1,544
Ter territory.....	1,157	671
	44	30

STATISTICAL REPORTS.

BAHAMAS—*Dunmore Town*.—Two weeks ended March 30, 1894. Population, 1,472. Total deaths, 2. No deaths from contagious diseases.

Governors Harbor.—Two weeks ended March 30, 1894. Population, 1,145. Total deaths, 3. No deaths from contagious diseases.

CHINA—*Hongkong*.—Month of January, 1894. Total deaths, 352, including phthisis pulmonalis, 42; and measles, 3.

CUBA—*Havana*.—Under date of March 31, 1894, the U. S. sanitary inspector reports as follows:

One hundred and fourteen deaths in this city during the week ended March 29, 1894. One of those deaths was caused by yellow fever, with approximately 6 new cases; 7 were caused by smallpox, with approximately 70 new cases; 1 was caused by enteric fever; 4 by so-called pernicious fever; 2 by paludal fever; 4 by diphtheria; 6 by pneumonia; 8 by chronic entero-colitis, and 1 by dysentery.

Nuevitas.—Month of March, 1894. Population, 4,066. Total deaths, 6. No deaths reported from contagious diseases.

FRANCE—*Nantes*.—Month of February, 1894. Population, 125,029. Total deaths, 279, including smallpox, 13; enteric fever, 4; scarlet fever, 1; diphtheria, 3; measles, 1; and whooping cough, 1.

St. Etienne.—Two weeks ended March 20, 1894. Population, 133,443. Total deaths, 161, including 3 from scarlet fever.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 33 great towns of England and Wales during the week ended March 24, corresponded to an annual rate of 19·8 a thousand of the aggregate population, which is estimated at 10,458,442. The lowest rate was recorded in Derby, viz, 10·6, and the highest in Salford, viz, 25·1 a thousand.

London.—One thousand six hundred and ninety-one deaths were registered during the week, including smallpox, 1; measles, 96; scarlet fever, 13; diphtheria, 56; whooping cough, 49; enteric fever, 9; and diarrhea and dysentery, 12. The deaths from all causes corresponded to an annual rate of 20·3 a thousand. In greater London 2,105 deaths were registered, corresponding to an annual rate of 18·5 a thousand of the population. In the "outer ring" the deaths included diphtheria, 10; whooping cough, 26; measles, 8; and fever, 3.

Hull.—Two weeks ended March 10, 1894. Population, 212,679. Total deaths, 144, including scarlet fever, 4; measles, 1; and whooping cough, 3.

Ireland.—The average annual death rate represented by the deaths registered during the week ended March 24 in the 16 principal town districts of Ireland was 26 a thousand of the population. The lowest rate was recorded in Lurgan, viz, 4·6, and the highest in Dundalk, viz, 50·3 a thousand. In Dublin and suburbs 197 deaths were registered, including measles, 3; scarlet fever, 5; whooping cough, 3; diphtheria, 1, and enteric fever, 1.

Scotland.—The deaths registered in 8 principal towns during the week ended March 24 corresponded to an annual rate of 18·7 a thousand of the population, which is estimated at 1,447,500. The lowest mortality was recorded in Greenock, viz, 13·3, and the highest in Paisley, viz, 22·2 a thousand. The aggregate number of deaths registered from all causes was 533, including measles, 4; scarlet fever, 6; diphtheria, 8; whooping cough, 32; and "fever," 3.

MALTA AND GOZO.—Two weeks ended January 15, 1894. Total deaths, 243, including enteric fever, 2; diphtheria, 2; and whooping cough, 2.

TURKEY—*Constantinople*.—Month of February, 1894. Population, 700,000. Total deaths, 1,023, including cholera, 36; and smallpox, 2.

WEST INDIES—*Turks Islands*.—Three weeks ended March 24, 1894. Population, 4,744. Total deaths, 7. No deaths from contagious diseases.

MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated popula- tion.	Total deaths from all causes.	Deaths from—								
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Newcastle on Tyne.....	Mar. 24.....	201,947	78					1	19	4		
Nogales.....	Mar. 31.....	1,200	1									
Odessa.....	Mar. 17.....	324,500	126				4	1	2	3		
Palermo.....	Mar. 17.....	250,000	120					5		3		
Paris.....	Mar. 24.....	2,424,705	1,123			4		70	4	35	21	4
Plymouth.....	Mar. 24.....	86,781	31					1				1
Port Sarnia.....	Mar. 31.....	7,000	2									
Puerto Cabello.....	Mar. 24.....	10,500	14									
Rotterdam.....	Mar. 24.....	222,596				7				1		
Sagua la Grande.....	Mar. 31.....	18,109	10									
St. Stephens.....	Mar. 31.....	2,700	1									
Sheffield.....	Mar. 24.....	337,378	113									
Sonneberg.....	Mar. 18.....	12,000	6						1		1	5
Stettin.....	Mar. 17.....	120,000	65									
Stuttgart.....	Mar. 22.....	139,659	52							2		
Sunderland.....	Mar. 24.....	136,101	62					1		6		
Trapani.....	Mar. 17.....	43,095	14					1	2		3	
Tuxpan.....	Mar. 24.....	10,280	8									
Vancouver.....	Mar. 24.....	16,841	10									
Venice.....	Mar. 17.....	160,406	67									
Vera Cruz.....	Mar. 29.....	25,500	31			2						
Victoria.....	Mar. 24.....	16,841	10									
Vienna.....	Mar. 10.....	1,465,537	895					1	13	43	20	2
Winnipeg.....	Mar. 10.....	35,000	4									
Zurich.....	Mar. 10.....	115,000	40							2		2

By authority of the Secretary of the Treasury :

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