

ABSTRACT OF SANITARY REPORTS.

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UNITED STATES.

SPECIAL REPORTS.

Measles, varicella, and lupus on steamship Muenchen, arrived at Baltimore.

U. S. MARINE-HOSPITAL SERVICE,
Port of Baltimore, Md., Surgeon's Office, May 21, 1891.

SIR: Yesterday the steamship *Muenchen* arrived at this port with about 1,400 immigrants aboard. These were all landed before I was informed of the fact of the ship's arrival. The immigrant inspector telephoned me to come down to pier 8 (B. & O. R. R. docks) and examine a case he thought contagious. I did so. The "suspect" was a female, age 71 years, German, and suffering from lupus, affecting the face; at least a dozen ulcers; lower eyelids gone. I rejected her on the ground the disease was incurable and "loathsome." At the same time my attention was called to two sick children, one of whom had a well-developed case of measles and the other a severe case of varicella. Both these diseases are "contagious," but not, in my opinion, "dangerous." I could therefore only suggest they be sent to hospital pending recovery. This the State board of immigration agreed to do.

Still, it strikes me that of the hundreds of other children aboard the ships some, if not all, had been exposed to the contagion, and some will, in all probability, develop the diseases in the crowded immigrant cars en route to their destination, and possibly scatter the diseases along their route. Under these circumstances, it seems to me that the ship, immigrants and all, should have been quarantined.

Respectfully yours,

W. H. H. HUTTON,
Surgeon, M.-H. S.

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

The above letter being referred to the commissioner of health at Baltimore, the following reply was received:

HEALTH DEPARTMENT,
Baltimore, May 27, 1891.

Respectfully returned to the Supervising Surgeon-General, U. S. Marine-Hospital Service. As measles and varicella are not on the list of diseases quarantined against at this port, I do not see what could be done in the matter by the quarantine officer. The importance of iso-

lation on board ship has been represented to the agents of the various lines carrying passengers to this port.

GEO. H. ROHÉ,
Commissioner of Health.

Gulf quarantine—Infected Swedish ship Condoren from Rio Janeiro via Mobile quarantine.

U. S. MARINE-HOSPITAL SERVICE,
District of the Gulf,
Gulf Quarantine, Surgeon's Office, May 21, 1891.

SIR: I have the honor to report the arrival to-day of the Swedish ship *Condoren* from Mobile quarantine. Said vessel is from Rio Janeiro for Mobile in rock and loam ballast. Left Rio, where all were well, on March 3. On the 5th, 3 cases of yellow fever developed, and up to the 26th had 16 cases and 6 deaths out of a crew of 18, of whom certainly 1 and probably the other who escaped had had the fever previously. Put into Pernambuco in distress on the 26th of March; sent her sick, 3, to hospital; disinfected; shipped 8 men and left April 6, 1891. Has had no sickness since, although 6 of the new crew claimed never to have had yellow fever. All are well now.

Vessel is old, with much rotten and wet wood; is of oak. Cabin, clean; forecastle, dirty; hold, black with coal dust, and bad for (1) the quantity of rotten wood; (2) bad quality of ballast, it being almost entirely decomposed granite. Bilge without odor, but brown and with much sediment, apparently from decayed wood.

The condition of the vessel renders her more difficult to disinfect than usual, and I rather apprehend further trouble while cleaning her.

Very respectfully,

H. R. CARTER,
Passed Assistant Surgeon, U. S. M.-H. S.
To the SUPERVISING SURGEON-GENERAL, M.-H. S.

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

CALIFORNIA.—Month of April, 1891. Reports to the State board of health from 67 cities and towns having an aggregate population of 678,830, show a total of 1,064 deaths, including phthisis pulmonalis, 164; diphtheria, 48; croup, 21; scarlet fever, 1; whooping cough, 3; and enteric fever, 14.

IOWA.—Month of April, 1891. The following mortuary report is taken from the *Monthly Bulletin* for May, 1891:

Burlington.—April. Consumption, 5; pneumonia, 7; membranous croup, 1; typhoid fever, 3; malarial fever, 1; la grippe, 2. Total deaths, 37. Population, 30,166. Death rate per 1,000, 1.32.

Council Bluffs.—April. No report.

Davenport.—April. Diphtheria, 2; consumption, 1; pneumonia, 6; meningitis, 1; influenza, 2; la grippe, 6. Total deaths, 26. Population, 28,500. Death rate per 1,000, 0.91.

Des Moines.—April. Diphtheria, 3; membranous croup, 1; consumption, 1; scarlet fever, 1; spinal meningitis, 2; la grippe, 2; pneu-

monia, 1. Total deaths, 36. Death rate per 1,000, 0.67. For March, 1.02.

Dubuque.—April. Diphtheria, 2; scarlet fever, 2; measles, 1; typhoid fever, 1; epidemic influenza, 2; meningitis, 4; pneumonia, 6; la grippe, 2; tuberculosis, 7. Total deaths, 47. Population, 30,147. Death rate, 1.14.

Keokuk.—April. Scarlet fever, 1; diphtheria, 3; consumption, 1; pneumonia, 5; la grippe, 1; typhoid fever, 1; dysentery, 1. Total deaths, 23. Population, 14,500. Death rate per 1,000, 1.58.

Mason City.—April. Diphtheria, 1; la grippe, 1. Total deaths, 3. Population, 3,500. Death rate per 1,000, 0.08.

Muscatine.—April. No report.

Ottumwa.—April. Consumption, 2; pneumonia, 5; diphtheria, 1; meningitis, 1. Total deaths, 24. Population, 15,000. Death rate per 1,000, 1.9.

Sioux City.—April. No report.

MICHIGAN.—Week ended May 23, 1891. Reports to the State board of health, Lansing, from 68 observers, indicate that diphtheria, puerperal fever, cerebro-spinal meningitis, and erysipelas increased, and that membranous croup, cholera infantum, typhoid fever, dysentery, inflammation of brain, remittent fever, cholera morbus, pneumonia, measles, and inflammation of bowels decreased in area of prevalence.

Diphtheria was reported present at 22 places, scarlet fever at 30 places, enteric fever at 6 places, and measles at 43 places.

NEW YORK.—Month of April, 1891. Reports to the State board of health from 145 cities and towns, including New York and Brooklyn, show a total of 13,981 deaths, including enteric fever, 103; small pox, 1; scarlet fever, 273; measles, 159; whooping cough, 106; croup and diphtheria, 370; acute respiratory diseases, 4,357; and phthisis pulmonalis, 1,377.

The following is extracted from the *Monthly Bulletin* for April:

The mortality for April is 13,981, or 463 deaths daily, the largest that has ever been recorded for one month in this State; it exceeds that of January, 1890 (the highest previously recorded), by 65 deaths daily; that of April, 1890, by 166, and that of March, 1891, which was greater by 34 deaths daily than the preceding months of the year, by 118 deaths daily. The deaths from ordinary zymotic diseases have not varied much in either of these months. The increase is due to the epidemic of influenza or la grippe, which beginning in mild form in February, caused an estimated mortality of 1,000 in March, and in April has apparently been the cause of 4,500 to 5,000 deaths, excess above April, 1890, all allowances being made. This is greater by nearly 1,000 than the estimated mortality from this cause in January, 1890. The onset of the epidemic has been much less rapid than in 1890, when it reached its height in less than one month from its commencement. Outside of the large cities only about 500 deaths have been attributed to this cause. The increase has shown itself in deaths from acute respiratory diseases, which caused one-fourth of the mortality, consump-

tion (to a much less degree than in 1890), diseases of the nervous system (causing one-tenth of all deaths), and other local diseases in a smaller ratio. The mortality among the aged has been very great and from diathetic diseases not classified. Returns being received from 5,600,000 population, the annual death rate for the month is 30.00 per 1,000; from zymotic diseases, 2.70 per 1,000; of deaths under five years of age, 8.21, which is much greater than in January, 1890. Diphtheria has materially diminished; scarlet fever has increased; measles and whooping cough are the same as last month. The typhoid fever epidemic of Albany, Cohoes, and Schenectady has largely abated.

RHODE ISLAND.—Month of April, 1891. Reports to the State board of health from cities and towns, having an aggregate population of 280,503, show a total of 308 deaths, including phthisis pulmonalis, 56; croup, 3; diphtheria, 6; enteric fever, 2; scarlet fever, 2; and whooping cough, 6.

TENNESSEE.—Month of April, 1891. Reports to the State board of health from seven cities and towns, having an aggregate population of 242,930, show a total of 398 deaths, including phthisis pulmonalis, 76; diphtheria and croup, 4; enteric and typhus fever, 15; scarlet fever, 2; measles, 6; and whooping cough, 6.

Publications received.

Annual report of the board of health, city of Brockton, Mass., year 1890.

Eleventh annual report of the city of Lynn, Mass., 1890.

Special report on the prevalence of typhoid or entero-miasmatic fever at Cumberland, Md., by C. W. Chancellor, M. D., secretary and executive officer Maryland State board of health.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

[illegible]

Table of temperature and rainfall, week ended May 29, 1891.

[Received from War Department, Signal Office.]

Locality.	Mean temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
New England States:						
Eastport, Me.....	50		0	.94		.86
Portland, Me.....	57		39	.77		.01
Boston, Mass.....	59		14	.84		.58
Block Island, R. I.....	55		28	.84		.36
Middle Atlantic States:						
Albany, N. Y.....	63		28	.75		.51
New York, N. Y.....	63		14	.70	.55	
Philadelphia, Pa.....	65		42	.74		.30
Atlantic City, N. J.....	60	28		.75	.68	
Baltimore, Md.....	67		49	.84	.80	
Washington, D. C.....	67		56	.95	1.36	
Lynchburg, Va.....	69		42	.84	2.51	
Norfolk, Va.....	69		28	.91	1.50	
South Atlantic States:						
Charlotte, N. C.....	71		28	1.05	1.67	
Wilmington, N. C.....	73		14	1.13		.71
Charleston, S. C.....	75		14	1.05	.57	
Augusta, Ga.....	75		24	.77	1.41	
Savannah, Ga.....	75		28	.98	.21	
Jacksonville, Fla.....	77		18	1.13	.91	
Key West, Fla.....	81		14	.90		.90
Gulf States:						
Atlanta, Ga.....	71		0	.91	.07	
Pensacola, Fla.....	76		0	.96	.88	
Mobile, Ala.....	76		0	1.17		.85
Montgomery, Ala.....	76		14	1.01	.39	
Vicksburg, Miss.....	75		0	1.05		.26
New Orleans, La.....	77	14		1.31		1.30
Shreveport, La.....	77		28	.98		.76
Fort Smith, Ark.....	72		28	.98		.40
Little Rock, Ark.....	73		28	1.21		.91
Palestine, Tex.....	73		14	1.28		.90
Galveston, Tex.....	78		14	1.08		1.10
San Antonio, Tex.....	77		28	.70	.70	
Corpus Christi, Tex.....	77		28	.86		.70
Brownsville, Tex.....	79		0	.84		.30
Rio Grande City, Tex.....	82			.62		
Ohio Valley and Tennessee:						
Memphis, Tenn.....	73		14	1.03	.25	
Nashville, Tenn.....	71		14	.78	.84	
Chattanooga, Tenn.....	71		0	.98		.42
Knoxville, Tenn.....	69		14	.87		.39
Louisville, Ky.....	69		42	.86		.61
Indianapolis, Ind.....	66		56	1.02		.70
Cincinnati, Ohio.....	68		28	.87		.25
Columbus, Ohio.....	65		70	1.03	.12	
Pittsburgh, Pa.....	66		42	.77	.07	
Lake Region:						
Oswego, N. Y.....	57		56	.67		.43
Rochester, N. Y.....	59		28	.77		.53
Buffalo, N. Y.....	57		28	.77		.25
Erie, Pa.....	59		56	.86		.76
Cleveland, Ohio.....	60		42	.83		.03
Sandusky, Ohio.....	62		56	.89		.41
Toledo, Ohio.....	62		56	.77		.48
Detroit, Mich.....	61		42	.84		.80
Port Huron, Mich.....	56		16	.77		.71
Alpena, Mich.....	52		28	.86		.86
Marquette, Mich.....	51	28		.71		.69
Grand Haven, Mich.....	57		28	.84		.80
Milwaukee, Wis.....	58		56	.81		.75
Chicago, Ill.....	61		70	.91		.90
Duluth, Minn.....	51		0	1.01		.99
Upper Mississippi Valley:						
St. Paul, Minn.....	61		14	.85		.76
La Crosse, Wis.....	61		28	.85		.73
Dubuque, Iowa.....	62		42	.98		.82
Davenport, Iowa.....	64		28	1.05		.93
Des Moines, Iowa.....	64		38	1.25		.91
Keokuk, Iowa.....	65		28	1.03		.87
Springfield, Ill.....	65		42	1.29		1.27
Cairo, Ill.....	70		42	.91		.49
St. Louis, Mo.....	69		42	1.03		.75

Table of temperature and rainfall, week ended May 29, 1891—Continued.

Locality.	Mean temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
Missouri Valley:						
Springfield, Mo.....	69		56	1.47		.35
Kansas City, Mo.....	68		28	1.10		.47
Concordia, Kans.....	66		28	1.98		.80
Omaha, Nebr.....	65		28	1.12		.63
Valentine, Nebr.....	60		0	.91		.91
Huron, S. D.....	59	14		.78		.62
Sully, Fort, S. D.....	61	14		.68		.24
Extreme Northwest:						
Moorhead, Minn.....	57	28		.68		.56
Bismarck, N. D.....	58	14		.65		.09
Buford, Fort, N. D.....	58	14		.51		.47
Rocky Mountain Slope:						
Assiniboine, Fort, Mont.....	56	14		.47		.11
Helena, Mont.....	56	14		.39		.03
Custer, Fort, Mont.....	58		0	.55		.55
Salt Lake City, Utah.....	62		14	.31		.12
Cheyenne, Wyo.....	54		13	.47	.97	
North Platte, Nebr.....	62		0	.70		.70
Denver, Colo.....	60		14	.51	.62	
Montrose, Colo.....	60		14	.07		0.00
Pueblo, Colo.....	64		42	.28	.94	
Dodge City, Kans.....	66		42	.80	.26	
Sill, Fort, Ind. T.....	72		44	1.03		.79
Santa Fé, N. Mex.....	59		27	.21	.93	
Pacific Coast:						
Olympia, Wash.....	56	28		.49		.48
Portland, Oreg.....	61		0	.49		.39
Roseburg, Oreg.....	59		0	.35	1.06	
Red Bluff, Cal.....	70		28	.21	.35	
Sacramento, Cal.....	66		28	.09		.03
San Francisco, Cal.....	59		28	.10	.50	
Los Angeles, Cal.....	65		14	.07		.07
San Diego, Cal.....	63		14	.07		.07
Yuma, Ariz.....	80		42	.00		0.00

FOREIGN.

(Reports received through the Department of State and other channels.)

AFRICA—Bonny—Yellow fever.—The United States consul at Sierra Leone, under date of April 28, forwards a copy of a public notice by the governor of Sierra Leone, dated February 3, 1891, that the port of Bonny is to be considered an infected place, for the reason that yellow fever is prevailing there in an epidemic form.

St. Paul de Loando—Smallpox.—The governor of Sierra Leone has also issued a public notice, under date of February 12, 1891, that St. Paul de Loando is to be considered an infected port, as smallpox is epidemic there.

AUSTRALIA—Melbourne and suburbs.—Month of January, 1891. The total number of deaths registered was 874, including measles, 2; whooping cough, 5; diphtheria, 7; and enteric fever, 25.

Month of February, 1891. Total deaths, 733, including influenza, 1; whooping cough, 4; diphtheria, 9; and enteric fever, 32.

BAHAMAS—Governor's Harbor.—Two weeks ended April 25, 1891. Population, 1,101. Total deaths, 1. None from contagious diseases.

Green Turtle Cay, Abaco.—Two weeks ended April 22, 1891. Total deaths, 2. None from contagious diseases.

BRAZIL—Rio de Janeiro.—Week ended April 11, 1891. Population, 450,000. Total deaths, 588, including beri-beri, 3; yellow fever, 253; smallpox, 18; measles, 1; enteric fever, 7; and phthisis pulmonalis, 45.

Week ended April 18, 1891. Total deaths, 497, including yellow fever, 213; smallpox, 10; enteric fever, 7; and phthisis pulmonalis, 32.

Maceio.—Month of March, 1891. Population, 17,000. Total deaths, 43. None from contagious diseases.

Bahia.—The United States consul sends the following, under date of April 25, 1891:

I have the honor to report the health of this city and the surrounding country good. All vessels coming from Rio de Janeiro are still subject to quarantine if any case of yellow fever is on board on arrival of vessel at this port. Weather very hot and dry. The winter rains not yet having commenced, it is predicted that the season will be a dry one.

CEYLON.—Fourth quarter of 1890. Population, 2,958,683. Total deaths, 18,248, including phthisis pulmonalis, 536; smallpox, 28; measles, 90; whooping cough, 4; diphtheria, 2; and enteric fever, 777.

Colombo—Smallpox.—Under date of April 25 the United States consul reports 31 cases of smallpox and 6 deaths therefrom during the week ended April 24, 1891.

CHINA—*Hong-Kong*.—Month of March, 1891. Population, 133,769. Total deaths, 398, including smallpox 4.

CUBA—*Santiago de Cuba*.—The United States consul furnishes the following mortuary reports:

February 15 to 28. Total deaths, 46, including yellow fever, 5; pernicious fever, 2; tuberculosis, 11.

March 1 to 15. Total deaths, 50, including yellow fever, 2; pernicious fever, 2; tuberculosis, 6.

March 16 to 31. Total deaths, 56, including yellow fever, 4; pernicious fever, 2; diphtheria, 1; tuberculosis, 13.

April 1 to 15. Total deaths, 37, including yellow fever, 2; pernicious fever, 4; diphtheria, 1.

April 16 to 30. Total deaths, 50, including yellow fever, 2; tuberculosis, 1; croup, 1.

Havana.—The United States sanitary inspector reports as follows:

MAY 23, 1891.

I have the honor to inform you that there were 153 deaths in this city during the week ending May 22. One of those deaths was caused by yellow fever, 3 by enteric fever, 1 by pernicious fever, 8 by smallpox, and 1 by croup. Northerly winds prevail and the weather is unusually cool for the season of the year.

EGYPT.—Week ended April 30, 1891. The return of deaths in the principal towns of upper and lower Egypt show a total of 1,116 deaths in a population of 1,002,961. They included smallpox, 5; measles, 19; diphtheria and croup, 3; whooping cough, 8; enteric fever, 62; and pulmonary tuberculosis, 64.

FRANCE—*Nice*.—Month of April, 1891. Population, 97,720. Total deaths, 214, including enteric fever, 1; smallpox, 1; measles, 1; whooping cough, 1; diphtheria and croup, 2; and phthisis pulmonalis, 13.

Nantes.—Month of May, 1891. Population, 127,482. Total deaths, 272, including whooping cough, 3; phthisis pulmonalis, 46; typhus, 2; enteric fever, 22; and diphtheria, 2.

Rouen.—Month of April, 1891. Population, 106,196. Total deaths, 383, including enteric fever, 17; measles, 4; scarlet fever, 1; croup, 5; and phthisis pulmonalis, 60.

GIBRALTAR—*Epidemic influenza included in quarantine notice*.—May 12, 1891. The United States consul states that the British battle-ship *Thunderer*, lately arrived from England, bound to Malta to join the British Mediterranean squadron, was unable to leave this port yesterday, owing to what is believed to be "epidemic influenza" having broken out on board. She has been placed in quarantine.

The following notice is published :

GIBRALTAR, *May 12, 1891.*

The board of health has this day decided that "epidemic influenza" shall be comprised among the diseases defined as infectious or contagious in the notice published on the 23d December, 1889.

By order :

JOHN C. KING,
Secretary to the Board of Health.

GREAT BRITAIN—*England and Wales.*—The deaths registered in 28 great towns of England and Wales during the week ended May 16 corresponded to an annual rate of 30.1 a thousand of the aggregate population, which is estimated at 9,715,559. The lowest rate was recorded in Hull, viz, 16.1, and the highest in Huddersfield, viz, 51.6 a thousand.

London.—Two thousand two hundred and forty-five deaths were registered during the week, including measles, 35; scarlet fever, 6; diphtheria, 19; whooping cough, 69; typhus fever, 1; enteric fever, 12; and diarrhoea and dysentery, 12. The deaths from all causes corresponded to an annual rate of 26.1 a thousand. Diseases of the respiratory organs caused 620 deaths. In greater London 2,754 deaths were registered, corresponding to an annual rate of 24.4 a thousand of the population. In the "outer ring" the deaths included measles, 14; whooping cough, 15; and diphtheria, 9.

Ireland.—The average annual death rate, represented by the deaths registered during the week ended May 16, in the 16 principal town districts of Ireland, was 22.9 a thousand of the population. The lowest rate was recorded in Armagh, viz, 10.3, and the highest in Kilkenny, viz, 59.2 a thousand. In Dublin and suburbs 173 deaths were registered, including enteric fever, 1; whooping cough, 5; and diphtheria, 1.

Scotland.—The deaths registered in eight principal towns during the week ended May 16 corresponded to an annual rate of 24.1 a thousand of the population, which is estimated at 1,345,563. The lowest mortality was recorded in Perth, viz, 10.8, and the highest in Paisley, viz, 33.1 a thousand. The aggregate number of deaths registered from all causes was 630, including measles, 24; scarlet fever, 6; diphtheria, 3; whooping cough, 32; fever, 6; and diarrhoea, 12.

INDIA—*Calcutta.*—Week ended April 4, 1891. The United States consul reports 23 deaths from cholera.

During the week ended April 11 there were 11 deaths from cholera.

ITALY—*Milan.*—Month of April, 1891. Population, 399,081. Total deaths, 1,000, including enteric fever 14 and diphtheria 31.

SPAIN—*Barcelona.*—Month of April, 1891. Population, 272,000. Total deaths, 751, including enteric fever, 19; smallpox, 21; diphtheria, 20; and measles, 62.

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.
London.....	May 9.....	5,877,390	2,523					13	10	33	48	
Paris.....	May 9.....	2,260,945	1,130			1		10	9	35	42	3
Paris.....	May 16.....	2,260,945	1,037					6	6	24	47	5
Vienna.....	May 2.....	1,378,530	747			17		1	6	23	20	
Liverpool.....	May 9.....	362,443	369			1		1	1			
Hamburg.....	May 2.....	570,534	290			1		3	3		6	
Hamburg.....	May 9.....	570,534	301					1	1	1		
Glasgow.....	May 9.....	545,678	300					1	1	7		
Glasgow.....	May 16.....	545,678	291					5	4	3		
Calcutta.....	Apr. 4.....	433,219	244			1						
Calcutta.....	Apr. 11.....	433,219	222	23					1			
Brussels.....	May 9.....	469,459	187	11								
Lyons.....	May 9.....	430,300	178			15		5		2		
Amsterdam.....	Apr. 25.....	417,542	205					1		5		
Amsterdam.....	May 2.....	417,542	201							7		
Amsterdam.....	May 9.....	417,542	200							4		
Amsterdam.....	May 16.....	417,542	189							3		
Rome.....	May 11.....	417,392	193					2		3		
Munich.....	May 2.....	349,000	203						2	3	19	1
Munich.....	May 9.....	349,000	213						2	4		
Copenhagen.....	May 2.....	320,000	156					1		6		
Copenhagen.....	May 9.....	320,000	137						1	5		
Odessa.....	May 2.....	295,000	115								2	
Cologne.....	May 9.....	283,031	139							2	1	1
Dresden.....	May 2.....	276,085	124						2	3		
Dresden.....	May 9.....	276,085	128							1	6	
Edinburgh.....	May 9.....	275,436	121						1			
Barcelona.....	May 15.....	272,000	135			3		5		6		
Palermo.....	May 9.....	250,000	88					1			2	
Antwerp.....	May 9.....	238,788	108									
Antwerp.....	May 16.....	238,788	109					2				
Bristol.....	Apr. 25.....	235,171	81						1			
Bristol.....	May 2.....	235,171	78						1	1		
Belfast.....	May 9.....	234,822	131					1	1	1		
Rotterdam.....	May 16.....	209,134	92							1		
Pernambuco.....	Apr. 14.....	200,000	62		1	2						
Pernambuco.....	Apr. 21.....	200,000	50									
Prague.....	May 9.....	182,530	126			1		3				
Genoa.....	May 9.....	180,538	78				1		1	2	4	
Genoa.....	May 16.....	180,538	86					1		1	4	
Frankfort-on-the-Main.....	May 9.....	179,850	82						2	7		
Hanover.....	May 9.....	168,500	57							3		
Konigsberg.....	May 10.....	161,200	62					2	5	4		
Trieste.....	May 9.....	158,054	80					1		2		
Ghent.....	May 9.....	154,395	58					1	1	4		1
Christiania.....	May 9.....	150,444	119						1	3		
Nuremberg.....	May 2.....	142,523	71						1	4		
Stuttgart.....	May 16.....	139,659	70							5		
Funchal.....	May 9.....	133,250	27					1				
Bremen.....	May 9.....	125,000	57								1	
Danzig.....	May 9.....	120,459	51						1	2		
Stettin.....	May 14.....	116,000	51					3	1	1		
Havre.....	May 9.....	112,074	58					1	1	2		
Catania.....	May 10.....	110,000	63					1	2			
Crefeld.....	May 2.....	108,000	80								2	
Crefeld.....	May 9.....	108,000	90							3		
Gothenburg.....	May 9.....	106,246	40									
Rheims.....	May 16.....	104,639	52					1				
Aix-la-Chapelle.....	May 10.....	104,506	23									
Leghorn.....	May 10.....	103,762	41									
Edinburgh.....	May 9.....	80,736	24									
Mannheim.....	May 9.....	80,000	42							1		
Mannheim.....	May 16.....	80,000	21					1				
Mayence.....	May 16.....	73,271	34						1	2		
Merida.....	Apr. 20.....	47,400	47									
Merida.....	Apr. 27.....	47,400	39									
Merida.....	May 4.....	47,400	39									
Merida.....	May 11.....	47,400	47									
Trapani.....	May 9.....	43,095	19									
Marsala.....	May 9.....	40,131	15					1				
Schiedam.....	May 16.....	25,437	8									

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.	Whooping cough.
Cartagena.....	May 2.....	25,000	10	.....	.....	.....	.....	.....	.....	.....	.....
Curacao.....	May 9.....	25,000	5	.....	.....	.....	.....	.....	.....	.....	.....
Vera Cruz.....	May 14.....	23,800	26	.....	1	.....	.....	.....	.....	.....	.....
Vera Cruz.....	May 21.....	23,800	34	.....	2	.....	.....	.....	.....	.....	.....
Girgenti.....	May 9.....	23,547	9	.....	.....	.....	.....	.....	.....	.....	.....
Licata.....	May 9.....	20,000	18	.....	.....	.....	.....	.....	5	3	.....
Victoria.....	May 16.....	20,000	8	.....	.....	.....	.....	.....	.....	.....	.....
Kingston, Can.....	May 23.....	18,174	2	.....	.....	.....	.....	.....	.....	.....	.....
Kingston, Can.....	May 29.....	18,174	5	.....	.....	.....	.....	.....	.....	.....	.....
Rio Grande do Sul.....	Apr. 4.....	17,290	17	.....	.....	.....	1	.....	.....	.....	.....
Rio Grande do Sul.....	Apr. 11.....	17,290	13	.....	.....	.....	1	.....	.....	.....	.....
Matamoras.....	Jan. 10.....	16,000	10	.....	1	.....	.....	.....	.....	1	.....
Matamoras.....	Mar. 28.....	16,000	25	.....	.....	.....	.....	.....	.....	.....	.....
Matamoras.....	Apr. 11.....	16,000	16	.....	.....	.....	.....	.....	.....	.....	.....
Matamoras.....	May 16.....	16,000	11	.....	.....	.....	.....	.....	.....	.....	.....
Matamoras.....	May 23.....	16,000	7	.....	.....	.....	.....	.....	.....	.....	.....
Hamilton, Bermuda.....	May 21.....	15,700	1	.....	.....	.....	.....	.....	.....	.....	.....
Hamilton, Bermuda.....	May 28.....	15,700	4	.....	.....	.....	.....	.....	.....	.....	.....
Flushing.....	May 16.....	13,200	4	.....	.....	.....	.....	.....	.....	.....	.....
St. Thomas, W. I.....	May 8.....	12,019	58	.....	.....	.....	.....	.....	.....	.....	.....
Queenstown.....	May 9.....	10,340	5	.....	.....	.....	.....	.....	.....	.....	.....
Queenstown.....	May 16.....	10,340	2	.....	.....	.....	.....	.....	.....	.....	.....
Guelph.....	May 24.....	10,173	3	.....	.....	.....	.....	.....	.....	.....	.....
Tuxpan.....	May 9.....	9,000	5	.....	.....	.....	.....	.....	.....	.....	.....
Chatham.....	May 23.....	8,730	1	.....	.....	.....	.....	.....	.....	.....	.....
La Guayra.....	May 9.....	7,641	9	.....	.....	.....	.....	.....	.....	.....	.....
Sarnia.....	May 23.....	6,200	2	.....	.....	.....	.....	.....	.....	.....	.....
Sarnia.....	May 30.....	6,200	2	.....	.....	.....	.....	.....	.....	.....	.....
St. Helena.....	Mar. 26.....	3,900	1	.....	.....	.....	.....	.....	.....	.....	.....
St. Helena.....	Apr. 2.....	3,900	1	.....	.....	.....	.....	.....	.....	.....	.....
St. Helena.....	Apr. 9.....	3,900	1	.....	.....	.....	.....	.....	.....	.....	.....
St. Helena.....	Apr. 23.....	3,900	2	.....	.....	.....	.....	.....	.....	.....	.....
Coaticook.....	May 23.....	3,800	1	.....	.....	.....	.....	.....	.....	.....	.....
Livingston, Guatemala.....	May 19.....	3,000	1	.....	.....	.....	.....	.....	.....	.....	.....
Prescott.....	May 21.....	2,988	1	.....	.....	.....	.....	.....	.....	.....	.....
Prescott.....	May 21.....	2,988	1	.....	.....	.....	.....	.....	.....	.....	.....
Dunmore Town.....	May 7.....	2,400	1	.....	.....	.....	.....	.....	.....	.....	.....

OFFICIAL :

WALTER WYMAN,

Supervising Surgeon-General, Marine-Hospital Service.