

# Public Health Reports

Treasury Department, United States Marine-Hospital Service. Published in accordance with act of Congress approved February 15, 1893.

VOL. XII.

WASHINGTON, D. C., JUNE 4, 1897.

No. 23.

## UNITED STATES.

[Reports to the Supervising Surgeon-General United States Marine-Hospital Service.]

### *Yellow fever on board steamship Colon en route from Panama.*

SAN FRANCISCO, CAL., *May 26, 1897.*

SIR: Steamer *Colon* with 23 cabin and 40 steerage passengers, and 83 in the crew, detained for disinfection on account of yellow fever en route.

ROSENAU,

*Passed Assistant Surgeon, U. S. M. H. S.*

### *Smallpox on the British bark Sam Mensdel.*

PORT TOWNSEND QUARANTINE, *May 24, 1897.*

SIR: I have the honor to report the arrival of the British bark *Sam Mensdel*, fifty-one days from Antofagasta, at the British Columbia Quarantine Station with 3 cases of smallpox on board.

Very respectfully,

WM. G. STIMPSON,

*Passed Assistant Surgeon, U. S. M. H. S.*

MEMPHIS, TENN., *May 27, 1897.*

SIR: I have the honor to report the occurrence of 2 more cases of smallpox. These cases were in a portion of the city quite distant from the quarters in which the other ones occurred. All the cases, so far, have been of a mild type.

Very respectfully,

G. B. YOUNG.

*Passed Assistant Surgeon, U. S. M. H. S.*

### *Quarantine against varioloid in Alabama.*

It is reported from Mobile that rigid quarantine is kept up by order of the Montgomery board of health against varioloid below Montgom-

ery, on the Mobile and Montgomery Railroad. Localities near the infected places, Fort Deposit and Greenville, have instituted a shotgun quarantine for protection.

*Sugar warehouses in Sagua la Grande used as hospitals.*

WASHINGTON, D. C., *May 13, 1897.*

SIR: I have to request that you will inform this office whether the warehouses in which sugar is stored prior to shipment are also occupied as hospitals. This condition of affairs exists at Habana, and it is necessary for the Government to know the facts in the case.

Respectfully, yours,

WALTER WYMAN,

*Supervising Surgeon-General U. S. M. H. S.*

UNITED STATES CONSUL,

*Sagua la Grande, Cuba.*

SAGUA LA GRANDE, CUBA, *May 20, 1897.*

SIR: In compliance with your request, contained in your letter of the 13th instant, I have the honor to say in reply that two of the five warehouses used for storing sugar before shipment to the United States are being used also as hospitals for yellow fever and other infectious diseases among Spanish soldiers.

I am, sir, your obedient servant,

WALTER B. BARKER,

*United States Consul.*

*Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 29, 1896, to June 4, 1897.\**

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Alabama:</b>				
Birmingham.....	May 8.....	1		
Mobile.....	Dec. 28-Jan. 26....	2		
	Mar. 28.....	1		
	Apr. 17.....	1		
	May 21.....	1		
Union Springs.....	Mar. 21.....		1	
<b>Connecticut:</b>				
New Haven.....	Feb. 17.....	1		
<b>Florida:</b>				
Pensacola.....	Jan. 19-Feb. 20....	13		
	Feb. 28-Mar. 10....	14		12 varioloid.
	Mar. 27-Apr. 3....	3		Varioloid.
	Apr. 10-May 1....	10		Do.
	May 2-May 22....	7		Do.
Escambia County (not including Pensacola).....	Dec. 2-Jan. 19....	18		
<b>Illinois:</b>				
Chicago.....	Mar. 25.....			Smallpox reported; brought from Mexico.
	Mar. 27-Apr. 3....		1	
	Apr. 10-Apr. 17....	2		
	May 8-May 15....		1	
<b>Indiana:</b>				
Greenwood.....	Feb. 12.....	1		
<b>Massachusetts:</b>				
Boston.....	May 1-May 8....	4		
	May 22-May 29....	1		
New Bedford.....	Apr. 10-Apr. 17....	1		
<b>Michigan:</b>				
Blissfield Township.....	Mar. 27-Apr. 10....			Smallpox reported.
	Apr. 17-May 1....			Do.
<b>Missouri:</b>				
St. Louis.....	April 29.....	2		
	May 1-May 22....	2	3	
<b>New York:</b>				
Brooklyn.....	Apr. 24-May 15....	2	1	
New York.....	Mar. 1-Mar. 31....		2	Do.
	Apr. 17-May 15....		10	
<b>Pennsylvania:</b>				
Drifton.....	Apr. 6.....	1		
<b>Tennessee:</b>				
Memphis.....	Apr. 1-May 29....	11		
<b>Washington:</b>				
Tacoma.....	Feb. 6.....	1		
Olympia.....	Mar. 1.....	1		

\* For table of smallpox in the United States, etc., May 9, 1896, to December 29, 1896, see PUBLIC HEALTH REPORTS, Vol. XII, No. 1.

*Report of immigration at Boston, New Bedford, and Provincetown, Mass., for the week ended May 29, 1897.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Boston, May 29, 1897.*

*Number of alien immigrants who arrived at this port during the week ended May 29, 1897; also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
May 23	Steamship Yarmouth.....	Yarmouth, Nova Scotia.....	99
Do.....	Bark Augustine Kobbe*.....	Brava, Cape Verde Islands.....	118
May 24	Steamship Catalonia.....	Liverpool and Queenstown.....	359
Do.....	Schooner Parthenia.....	St. Margarets Bay, Nova Scotia.....	1
May 25	Schooner T. V. Dexter.....	Liverpool, Nova Scotia.....	22
Do.....	Steamship Armenian.....	Liverpool, England.....	5
Do.....	Steamship Belvidere.....	Port Antonio, Jamaica.....	10
May 27	Steamship Pro Patria.....	St. Pierre, Miquelon.....	2
Do.....	Steamship Olivette.....	Halifax, Nova Scotia.....	34
Do.....	Steamship Yarmouth.....	Yarmouth, Nova Scotia.....	104
Do.....	Schooner Julia 3rd †.....	St. George, Azores.....	13
May 29	Steamship Gallia.....	Liverpool and Queenstown.....	392
	<b>Total.....</b>		<b>1,028</b>

\* Arrived at Port of New Bedford, Mass.  
† Arrived at Port of Provincetown, Mass.

THOMAS F. DELHANTY,  
*U. S. Commissioner of Immigration.*

*Report of immigration at New York for the week ended May 29, 1897.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of New York, May 31, 1897.*

*Number of alien immigrants who arrived at this port during the week ended May 29, 1897; also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
May 23	Steamship Zaandam.....	Amsterdam.....	70
Do.....	Steamship La Gascogne.....	Havre.....	272
May 24	Steamship Spree.....	Bremen.....	168
May 26	Steamship Mongolian.....	Glasgow.....	44
Do.....	Steamship Westernland.....	Antwerp.....	279
Do.....	Steamship Amerika.....	Copenhagen, etc.....	251
Do.....	Steamship Werkendam.....	Rotterdam.....	190
Do.....	Steamship Fulda.....	Genoa.....	695
Do.....	Steamship Donna Maria.....	Lisbon and the Azores.....	145
Do.....	Steamship Wordsworth.....	Rio de Janeiro.....	31
Do.....	Steamship Clive.....	Naples.....	1,206
May 27	Steamship Lahn.....	Bremen.....	243
Do.....	Steamship Friederich der Grosse.....	do.....	400
Do.....	Steamship Burgundia.....	Marseilles and Naples.....	326
Do.....	Steamship Majestic.....	Liverpool and Queenstown.....	700
May 28	Steamship Phoenicia.....	Hamburg.....	365
May 29	Steamship Lucania.....	Liverpool and Queenstown.....	442
Do.....	Steamship St. Louis.....	Southampton.....	184
Do.....	Steamship Scotia.....	Naples and Gibraltar.....	326
Do.....	Steamship Normannia.....	Hamburg.....	275
	<b>Total.....</b>		<b>6,612</b>

Dr. J. H. SENNER,  
*U. S. Commissioner of Immigration.*

*Report of immigration at Philadelphia for the week ended May 29, 1897.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Philadelphia, May 29, 1897.**Number of alien immigrants who arrived at this port during the week ended May 29, 1897;  
also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
May 23	Steamship Siberian.....	Glasgow.....	2
May 25	Steamship Pennsylvania .....	Antwerp.....	95
Do.....	Steamship Pennland.....	Liverpool and Queenstown.....	170
Total.....			267

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









Port Royal, S. C.	May 29						No report.....	
Providence, R. I.							No transactions.....	
Sabine Pass, Tex.							No report.....	
St. Helena Entrance S. C.							do.....	
Savannah, Ga.	May 29	Nor. bk. Sondre * Aust. bk. Artieri Gio- vanni * Br. bk. Margarita *	May 13 do. May 20 May 22	Para. St. Paul de Loanda, W. A. Rio Grande do Sul. Rio	Savannah do do do	Held for observation. do Held to discharge ballast. do	May 23 May 27	6
Tampa Bay, Fla.	do.	Br. bk. Cambrian Queen.						22

\* Previously reported.

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

**ALABAMA—Mobile.**—Month of April, 1897. Estimated population, 37,817. Total number of deaths, 69—white, 39; colored, 30, including phthisis pulmonalis, 10.

**MICHIGAN.**—Reports to the State board of health from 72 observers for the week ended May 22 indicate that diarrhea, intermittent fever, tonsilitis, and rheumatism increased and erysipelas and inflammation of kidneys decreased in area of prevalence. Phthisis pulmonalis was reported present in 172 places, measles at 91 places, diphtheria in 27 places, scarlet fever at 23 places, enteric fever at 18 places, and whooping cough at 17 places.

**NEW YORK.**—Month of April, 1897. Reports to the State board of health from 8 districts, including New York City, Brooklyn, and 147 other cities, towns, and villages, show a total of 10,325 deaths, including diphtheria, 360; enteric fever, 79; measles, 99; phthisis pulmonalis, 1,158; smallpox, 7, and whooping cough, 90.

The Monthly Bulletin says:

There were 10,325 deaths in April, a daily average of 344, against 373 in March, the death rate having fallen from 20.50 per 1,000 population annually to 19.00, there having been 1,200 fewer deaths. From zymotic diseases the number of deaths in the two months was exactly the same, though relatively more in April from the decrease in deaths from other causes. The decrease has been in acute respiratory diseases, from which there were 700 fewer deaths, other local diseases showing no change in mortality except diseases of the circulatory organs, which the average of past years shows to cause the greatest number of deaths at this season (March and April). There is also a decrease in the mortality from old age and from unclassified causes. Compared with April, 1896, the total mortality is a little smaller, the zymotic mortality being less, and that from acute respiratory diseases being decreased by 200, other local diseases being somewhat increased. It is estimated that the gripe epidemic, which has caused during the preceding three months 2,500 deaths, of which 1,500 occurred in March, exaggerated the mortality of this month by about 500 deaths. Measles continues throughout the State, but it is causing a much smaller mortality than a year ago. Smallpox caused 7 deaths in New York City. Other zymotic diseases have an identical prevalence with last month and that of April, 1896; 9.5 per cent of the deaths were from these diseases, 10.5 of the deaths in urban parts of the State being zymotic, and 6.5 in the rural. Consumption caused 1,158 deaths, 11.5 per cent of the deaths of urban and 10.3 per cent of the rural districts being from this cause. The central part of the State shows the lowest mortality from acute respiratory diseases.

**OHIO—Columbus.**—Month of April, 1897.—Estimated population, 100,000. Total number of deaths, 122, including diphtheria, 1; enteric fever, 3, and phthisis pulmonalis, 17.

**OREGON—Portland.**—Month of April, 1897. Estimated population, 89,000. Total deaths 76, including diphtheria, 4; enteric fever, 2, and phthisis pulmonalis, 12.

**PENNSYLVANIA—Williamsport.**—Month of March, 1897. Estimated

population, 35,000. Total deaths, 34, including enteric fever, 1; phthisis pulmonalis, 2, and whooping cough, 1.

УТАН—*Salt Lake City*.—Month of April, 1897. Estimated population, 70,000. Total deaths, 38, including diphtheria, 1; enteric fever, 1; phthisis pulmonalis, 2, and whooping cough, 1.



## MORTALITY TABLE, CITIES OF THE UNITED STATES—Continued.

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.			
Warren, Ohio.....	May 29.....	5,973	2														
Washington, D. C.....	May 23.....	230,392	98	18							3						
West Newton, Mass.....	.....do.....	24,379	13	2													
Wilmington, Del.....	May 29.....	61,431	19								1		2				
Winona, Minn.....	May 23.....	18,208	5														
Youngstown, Ohio.....	May 29.....	33,220	2												1		

Table of temperature and rainfall, week ended May 31, 1897.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.*	Excess.*	Defic'ncy.	Normal.	Excess.	Deficiency.
<b>Atlantic Coast:</b>						
Eastport, Me.....	51		3	.84	2.86	
Portland, Me.....	58		6	.84	1.16	
Northfield, Vt.....	56		6	.77	.83	
Boston, Mass.....	61		3	.77	.43	
Vineyard Haven, Mass.....	60		0	.70	.10	
Nantucket, Mass.....	55		0	.77		.17
Woods Hole, Mass.....	57		1	.70		.00
Block Island, R. I.....	56		0	.78		.18
New Haven, Conn.....	62		2	.78	.62	
Albany, N. Y.....	63		5	.77	.23	
New York, N. Y.....	64		4	.70	1.10	
Harrisburg, Pa.....	64		4	1.05		.4
Philadelphia, Pa.....	66		4	.77		.27
New Brunswick, N. J.....	62		0	.82	.48	
Atlantic City, N. J.....	61		1	.67		.27
Baltimore, Md.....	68		6	.90	.10	
Washington, D. C.....	68		6	.91	.09	
Lynchburg, Va.....	69		7	.87		.77
Cape Henry, Va.....	68		2	.91	.29	
Norfolk, Va.....	70		2	.98		.78
Charlotte, N. C.....	71		3	1.05		.75
Raleigh, N. C.....	70		2	1.26		.16
Kittyhawk, N. C.....	69		1	.89		.79
Hatteras, N. C.....	70		0	1.00		1.00
Wilmington, N. C.....	73		1	1.04		.74
Columbia, S. C.....	74		0	.91		.81
Charleston, S. C.....	76		0	1.01		.91
Augusta, Ga.....	75		1	.84		.64
Savannah, Ga.....	76		0	.97		.97
Jacksonville, Fla.....	78		2	1.05		.95
Jupiter, Fla.....	78		2	1.57	7.17	
Key West, Fla.....	81		1	.91	1.19	
<b>Gulf States:</b>						
Atlanta, Ga.....	72		2	.84		.84
Tampa, Fla.....	77		0	.87		.77
Pensacola, Fla.....	76		4	.93		.73
Mobile, Ala.....	77		5	1.14		.84
Montgomery, Ala.....	76		2	.95		.85
Vicksburg, Miss.....	76		2	1.05		.95
New Orleans, La.....	77		1	1.21		1.21
Shreveport, La.....	76		0	.91		.91
Fort Smith, Ark.....	71		0	1.05	.65	
Little Rock, Ark.....	72		2	1.26		.76
Palestine, Tex.....	75		0	1.26		1.06
Galveston, Tex.....	79		3	1.02		1.02
San Antonio, Tex.....	78		2	.70		.70
Corpus Christi, Tex.....	77		0	.77		.67
<b>Ohio Valley and Tennessee:</b>						
Memphis, Tenn.....	73		3	.98		.98
Nashville, Tenn.....	72		6	.83		.83
Chatanooga, Tenn.....	70		2	1.02		.72
Knoxville, Tenn.....	70		6	.88	.12	
Louisville, Ky.....	69		9	.87		.47
Indianapolis, Ind.....	67		11	.98		.88
Cincinnati, Ohio.....	69		11	.77		.77
Columbus, Ohio.....	64		10	.94		.24
Parkersburg, W. Va.....	63		7	.91		.81
Pittsburg, Pa.....	65		11	.78		.38
<b>Lake Region:</b>						
Oswego, N. Y.....	58		8	.70		.20
Rochester, N. Y.....	60		6	.77		.67
Buffalo, N. Y.....	59		7	.83		.73
Erie, Pa.....	61		9	.91		.71
Cleveland, Ohio.....	62		10	.91		.91
Sandusky, Ohio.....	62		8	.89		.89
Toledo, Ohio.....	64		12	.77		.67
Detroit, Mich.....	62		12	.84		.74
Lansing, Mich.....	61		11	.79		.69
Port Huron, Mich.....	57		7	.77		.67
Alpens, Mich.....	54		6	.84		.74
Sault Ste. Marie, Mich.....	51		5	.54		.04
Marquette, Mich.....	54		6	.77		.47
Green Bay, Wis.....	56		6	.92		.94
Grand Haven, Mich.....	59		9	.84		.84

\* The figures in these columns represent the average daily departure.

Table of temperature and rainfall, week ended May 31, 1897—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Deficiency.	Normal.	Excess.	Deficiency.
<b>Lake Region—Continued.</b>						
Milwaukee, Wis.....	58		8	.84		.84
Chicago, Ill.....	60		8	.84		.84
Duluth, Minn.....	52		4	.97		.77
<b>Upper Mississippi Valley:</b>						
St. Paul, Minn.....	63		7	.86		.86
La Crosse, Wis.....	64		12	.84		.84
Dubuque, Iowa.....	64			1.04		
Davenport, Iowa.....	65		7	1.05		.25
Des Moines, Iowa.....	63		5	1.17		1.17
Keokuk, Iowa.....	67		9	.95	.35	
Springfield, Ill.....	64		6	1.12		.02
Cairo, Ill.....	70		6	.91		.81
St. Louis, Mo.....	69		7	1.12		.72
<b>Missouri Valley:</b>						
Columbia, Mo.....	66		4	1.27		.17
Springfield, Mo.....	66		2	1.30		.10
Kansas City, Mo.....	68		4	1.12		.32
Wichita, Kans.....	67		1	1.09		.59
Concordia, Kans.....	66		2	1.12		.02
Lincoln, Nebr.....	64		2	1.31		1.01
Omaha, Nebr.....	66		4	1.09		.69
Sioux City, Iowa.....	64		6	.79		.49
Yankton, S. Dak.....	63		3	1.05		1.05
Valentine, Nebr.....	61	1		.66	.24	
Huron, S. Dak.....	60		4	.70		.70
Pierre, S. Dak.....	61	3		.60		.60
Moorhead, Minn.....	58		4	.58		.58
Bismarck, N. Dak.....	59		3	.57		.57
Williston, N. Dak.....	58		2	.59		.49
<b>Rocky Mountain Region:</b>						
Havre, Mont.....	58	4		.45		.35
Helena, Mont.....	56	4		.47	.23	
Miles City, Mont.....	60	6		.61		.61
Rapid City, S. Dak.....	58	4		.96		.16
Spokane, Wash.....	62	2		.35		.05
Wallawalla, Wash.....	66	4		.35		.15
Baker City, Oreg.....	55	5		.47	.33	
Winnemucca, Nev.....	59			.21		
Salt Lake City, Utah.....	61	9		.32	.18	
Lander, Wyo.....	56	4		.46		.06
Cheyenne, Wyo.....	55	3		.49		.39
North Platte, Nebr.....	62		0	.69		.69
Denver, Colo.....	60	2		.53	1.37	
Pueblo, Colo.....	61	3		.35	.65	
Dodge City, Kans.....	66		0	.84		.44
Oklahoma, Okla.....	72	6		1.15	1.85	.26
Amarillo, Tex.....	68		2	.56		
Abilene, Tex.....	75		3	.84	.26	
Santa Fe, N. Mex.....	59	1		.21		.01
El Paso, Tex.....	75	1		.14		.14
Phoenix, Ariz.....	78	4		.00		.00
<b>Pacific Coast:</b>						
Tatoosh Island, Wash.....	52			.98		
Port Angeles, Wash.....	53			.28		
Fort Canby, Wash.....	54	2		.63		.33
Portland, Oreg.....	59	3		.49		.39
Roseburg, Oreg.....	59	1		.42		.42
Eureka, Cal.....	54			.59		
Redbluff, Cal.....	72	2		.21		.21
Carson City, Nev.....	57			.13		
Sacramento, Cal.....	67	1		.12		.12
San Francisco, Cal.....	58		2	.07		.07
Fresno, Cal.....	70		0	.07		.07
Los Angeles, Cal.....	63	1		.07		.07
San Diego, Cal.....	62		0	.03		.01
Yuma, Ariz.....	80	4		.00		.00

\* The figures in these columns represent the average daily departure.

# FOREIGN.

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

*Cholera, yellow fever, and plague as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 29, 1896, to June 1, 1897.*

## CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
India :				
Bombay .....	Dec. 8-Dec. 15.....		1	
	Dec. 22-Dec. 29.....		1	
	Mar. 23-Mar. 30.....		1	
	Mar. 31-Apr. 27.....		8	
Calcutta.....	Nov. 14-Jan. 30.....		267	
	Jan. 31-Feb. 27.....		311	
	Feb. 28-Mar. 6.....		125	
	Mar. 6-Apr. 17.....		855	
Madras.....	Nov. 21-Nov. 27.....		2	
	Nov. 28-Dec. 4.....		1	
	Dec. 12-Dec. 25.....		6	
	Dec. 26-Jan. 29.....		22	
	Jan. 30-Feb. 26.....		13	
	Feb. 27-Mar. 5.....		2	
	Mar. 6-Mar. 19.....		1	
	Mar. 20-Mar. 26.....		2	
Singapore.....	Nov. 1-Nov. 30.....		12	
	Dec. 1-Dec. 31.....		5	
Ceylon :				
Colombo .....	Nov. 28-Jan. 23.....		114	
	Jan. 23-Jan. 30.....	1	1	
England :				
Plymouth.....	Jan. 9.....		4	On steamship <i>Nubia</i> . No cases in city.
Japan :				
Tokyo .....	Dec. 4-Dec. 29.....	8	7	
	Dec. 30-Jan. 18.....		3	
Yokohama.....	Dec. 4-Dec. 29.....	4	3	
	Dec. 30-Jan. 18.....	2	2	

## YELLOW FEVER.

Brazil :				
Para.....	Dec. 12-Jan. 30.....		32	
	Jan. 31-Feb. 27.....		20	
	Feb. 27-Mar. 6.....		9	
	Mar. 13-Mar. 20.....		3	
	Apr. 3-Apr. 10.....		3	
Rio de Janeiro.....	Nov. 21-Dec. 26.....		10	
	Dec. 26-Jan. 30.....		28	
	Jan. 31-Feb. 6.....	12	5	
	Feb. 13-Feb. 20.....	21	6	
	Feb. 20-Mar. 6.....		16	
	Mar. 7-May 1.....	145	62	
Cuba : *				
Cardenas.....	Dec. 25-Jan. 30.....	84	8	
	Jan. 31-Feb. 27.....		38	
	Apr. 17-May 22.....	23	4	
Cienfuegos.....	Dec. 20-Dec. 27.....		8	
	Dec. 28-Jan. 17.....		2	
	Apr. 4-Apr. 11.....		1	
	May 17-May 23.....		1	
Habana.....	Dec. 17-Dec. 31.....	220	79	
	Jan. 1-Jan. 28.....	400	144	
	Jan. 28-Feb. 25.....	117	44	
	Feb. 25-Mar. 25.....	130	38	
	Mar. 25-Apr. 29.....	342	85	
	Apr. 30-May 27.....	259	67	
Manzanillo.....	Apr. 1-Apr. 15.....		1	
Matanzas.....	Dec. 9-Dec. 23.....		8	
	Dec. 23-Jan. 27.....		19	
	Jan. 27-Feb. 24.....		4	
	Feb. 25-Mar. 31.....		2	
	Apr. 1-May 26.....	9	6	

February 28, 1897, 300 cases of yellow fever were reported among the sick soldiers on the Island.



## Cholera, yellow fever, plague, etc.—Continued.

## YELLOW FEVER—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Santiago .....	Dec. 5-Dec. 26.....		17	
	Dec. 26-Jan. 30.....		16	
	Jan. 16-Jan. 31.....		5	
	Jan. 30-Feb. 27.....		6	
	Feb. 27-Mar. 27.....		3	
Sagua la Grande.....	May 2-May 22.....		3	
	Dec. 19-Dec. 26.....	50	5	
	Dec. 26-Jan. 9.....	65	6	
	Jan. 9-Jan. 30.....	110	12	
	Jan. 31-Feb. 27.....	35	7	
	Feb. 27-Mar. 27.....	54	17	
	Mar. 28-May 22.....	162	11	
Ecuador:				
Guayaquil.....	Dec. 18-Jan. 1.....		9	
Haiti:				
Port au Prince.....	Dec. 1-Dec. 7.....		2	Yellow fever epidemic.
	Dec. 14.....			
	Mar. 1-Mar. 8.....		3	
Guadeloupe:				
Basse Terre.....	Jan. 5.....	1		
United States of Colombia:				
Panama .....	Apr. 14.....	20	17	Yellow fever continues.
	May 4.....			

## PLAGUE.

Egypt:				
Suez.....	Mar. 31.....			One case of plague on Br. S. S. <i>Dilwara</i> from Bombay.
India:				
Bombay *.....	Dec. 1-Dec. 22.....		694	This is the number of deaths officially reported. The United States consul estimates the number of deaths for the same period at 2,763.
	Dec. 22-Jan. 5.....		738	Estimated deaths for this same period, 2,953.
	Jan. 5-Jan. 12.....		335	Estimated deaths for this same period, 1,388.
	Jan. 12-Jan. 19.....		470	Estimated deaths for this same period, 1,462.
	Jan. 19-Jan. 26.....		443	Estimated deaths for this same period, 5,845.
	Jan. 26-Feb. 23.....	2,884		Estimated deaths for this same period, 2,265.
	Feb. 23-Mar. 9.....	1,282		Estimated deaths for this same period, 2,730.
	Mar. 9-Mar. 30.....	1,431		Estimated deaths for this same period, 2,299.
	Mar. 31-Apr. 27.....	1,282		
Calcutta.....	Feb. 6-Feb. 13.....		1	Plague epidemic; 220 cases, 214 deaths to date.
Karachi.....	Jan. 11.....			
China:				
Hongkong.....	Dec. 13-Dec. 29.....			A few cases.
Swatow.....	May 4.....			Epidemic of plague reported.
Japan:				
Formosa.....	Nov. 6-Nov. 30.....	53	37	
	Dec. 4-Dec. 29.....		15	
	Jan. 19-Jan. 27.....		3	
	Feb. 23-Mar. 12.....		3	
	Mar. 13-Mar. 23.....		4	
	Mar. 24-Mar. 31.....		3	
	Apr. 20-Apr. 27.....		83	
Taihoku.....	Apr. 20-Apr. 27.....		3	
Russia:				
St. Petersburg.....	Apr. 10-Apr. 17.....		1	One case of plague on Br. S. S. <i>Baldwin</i> .
Theodosia.....	Mar. 31.....			

\* Official returns show 9,118 cases and 7,602 deaths to March 12.

## CUBA.

*Smallpox and yellow fever in Cuban seaports.*

May 29: The United States sanitary inspector at Habana reports that during the week ended May 27 there were in that city 19 deaths from yellow fever, with 75 new cases, and 40 new cases of smallpox, with 5 deaths.

May 24: The United States consul at Cardenas reports that during the week ended May 22 there were in that city 4 deaths from yellow fever, and 7 cases and 1 death from smallpox.

May 24: The United States consul at Cienfuegos reports that during the week ended May 23 there was in that city 1 death from yellow fever.

May 28: The United States consul at Matanzas reports that during the two weeks ended May 26 there were in that city 4 deaths from smallpox and 1 death from yellow fever.

May 24: The United States consul at Sagua la Grande reports that during the week ended May 22 there were in that city 23 new cases reported from yellow fever, and 18 cases 1 death from smallpox.

*Sanitary report from Habana.*

HABANA, CUBA, *May 29, 1897.*

SIR: I have the honor to inform you that enteric fever and intestinal diseases are prevailing here to a considerable extent. Yellow fever, though still confined to Spanish troops, is slowly increasing, there having been 19 deaths from it in the last week. The mortality from smallpox continues to diminish and there were only 5 deaths from it during the last seven days.

*Mortuary report.*—During the week ended May 27 there were 228 deaths from all diseases in this city. Nineteen were caused by yellow fever, with approximately 75 new cases; 5 were caused by smallpox, with 40 new cases approximately; 13 were caused by enteric fever, 7 by so-called pernicious fever, 1 by paludal fever, 7 by dysentery, 20 by enteritis, 3 by diphtheria, 1 by measles, 4 by pneumonia, and 33 by tuberculosis.

All of the 19 deaths from yellow fever during the week occurred among Spanish soldiers in the military hospitals.

Four of the deaths from smallpox were civilians in the city while the remaining 1 was a Spanish soldier. The weather continues dry and not particularly warm.

Very respectfully,

D. M. BURGESS,  
*Sanitary Inspector, U. S. M. H. S.*

*Sanitary reports from Santiago.*

SANTIAGO DE CUBA, *May 15, 1897.*

SIR: I have the honor to inform you that the sanitary condition of Santiago de Cuba has grown worse this week. Eighty-two deaths have been reported, 18 more than last week. Of these, 28 were from dysentery, 10 from enteritis, 6 from tuberculosis, 7 from remittent and 5 from

pernicious fevers, and 2 from yellow fever; the rest from common diseases of noncontagious character.

Some cases of beriberi have been reported and have caused a great deal of alarm among the white population. I doubt the truth of the report, as no death has been reported from it and the disease has always been considered as beyond the reach of medical science, especially the severe form of the disease. Dysentery is causing many deaths. Diarrhea also is prevailing to a large extent, owing to the scarcity and bad quality of the food.

A charity kitchen has been established and about 2,000 rations are distributed daily.

Respectfully,

Dr. H. S. CAMINERO,  
*Sanitary Inspector, U. S. M. H. S.*

SANTIAGO DE CUBA, *May 22, 1897.*

SIR: I have the honor to inform you that the number of deaths reported this week is 80. Of these, 32 were from dysentery, 15 from diarrhea, 3 from tuberculosis, and 2 from remittent and 5 from pernicious fevers; the rest from noncontagious diseases. Smallpox is breaking out again, and I have several cases under treatment. The steamship *Mexico* left this port for Colon, and had to put back, owing to several cases of smallpox appearing on board, and was not allowed to discharge cargo or land the passengers. She was quarantined two days here in Santiago. As she touches at the port of New York, I think it would be well to keep a sharp lookout for her sanitary history and condition. Several cases of yellow fever are reported at the military hospital, but there has been no death from it this week. Dysentery increases to alarming proportions, and the mortality from it increases daily. Diarrhea also prevails to a large extent. I can see no reason but the lack of proper food and concentration of a starving population in the city for the great number of cases that present themselves.

Respectfully,

Dr. H. S. CAMINERO,  
*Sanitary Inspector, U. S. M. H. S.*

ARABIA.

*Smallpox in Aden.*

ADEN, ARABIA, *April 26, 1897.*

SIR: Since writing to you several weeks ago in regard to smallpox being in Hodeida the disease has gotten a small start in this place, and in order to get full particulars I addressed an official letter to the authorities, asking them to please give me weekly reports of the disease so long as it was in the place, so that I could forward the same to Washington. In response to this request a report was sent to me by the assistant resident, giving a statement of the smallpox for the week closing April 23, namely, 28 cases and 1 death. \* \* \* I am inclined to believe it will soon be out of the place as every means is being taken by the authorities to stop it.

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

W. W. MASTERSON,  
*United States Consul.*

Hon. ASSISTANT SECRETARY OF STATE.

## BARBADOS.

*Quarantine against yellow fever.*BARBADOS, *May 15, 1897.*

SIR: In consequence of the prevalence of yellow fever at Panama that place and Colon have been declared infected within the provisions of the quarantine act of this island. Quarantine is also in force here against Rio de Janeiro, Pernambuco, and Para, the quarantine against Santos, Curaçoa, and Martinique having been removed. The public health of this island is excellent.

Yours, etc.,

JAS. SANDERSON,  
*Clerk Quarantine Board.*

## BRAZIL.

*Sanitary report from Rio.*RIO DE JANEIRO, *May 3, 1897.*

SIR: I have the honor to transmit report for the week ended May 1, 1897:

There were 3 deaths from *accessio pernicioso*, a decrease of 6; 10 from yellow fever, an increase of 3; 16 from beriberi, an increase of 9; 6 from enteric fever, a decrease of 2; 44 from tuberculosis, an increase of 6; none from measles, 1 in the foregoing week, and 322 from all causes, an increase of 14.

The health of the town and port continues in its normal condition for the season.

Since last report the following-named ships have been inspected or received bills of health from this office: April 27, steamship *Stala*, British, for Baltimore, Md. April 28, steamship *Trojan Prince*, British, for New York, from Santos. April 29, ship *Canada*, British, for Norfolk, Va. April 30, steamship *Lombard*, British, for Sta. Lucia, West Indies; steamship *King Bleddyn*, British, from Santos, for New Orleans, La., and bark *Vasco de Gama*, Portuguese, for New Orleans, La. May 1, barkentine *Glad Tidings*, American, for Baltimore, Md., and steamship *Walvistoro*, British, for Fernandina, Fla.

Respectfully, yours,

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

## JAPAN.

*Smallpox and plague.*YOKOHAMA, *May 4, 1897.*

SIR: I have the honor to forward herewith my regular report of infectious diseases in Japan, for period April 23 to April 30, inclusive.

I beg leave to invite your attention to the decline of the epidemic of smallpox so far as its territorial distribution is concerned, although the daily average of cases is higher than at last return. This disease, which has been for so many months epidemic in Kobe, has now almost entirely disappeared from that city, but is, as you will note, still severely prevalent in Osaka, but a few miles distant. In Yokohama smallpox can scarcely now be said to be epidemic, and the few cases that occur are of a mild type.

The outbreak of plague in Formosa continues, and has spread from

Taiwan, where it was first reported, to Taihoku, in which locality 3 cases appeared from April 20 to April 27. I am unable to give the mortality statistics, but it is said to be a very virulent epidemic.

I am officially notified of the presence of epidemic plague in Swatow, China, and that the government of Hongkong has taken the precaution, unprecedented in the history of that colony, of prohibiting immigration from the Swatow district. There seems much reason to suspect that cases of plague have occurred also in the Portuguese colony of Macao, but a few miles from Hongkong.

The Japanese authorities are enforcing inspection of vessels coming from Formosa, but no quarantine of their crews and passengers, and seem inclined to consider all danger obviated provided the ship has been seven days at sea without the appearance of the disease.

I am, sir, very respectfully, your obedient servant,

STUART ELDRIDGE, M. D.,  
Sanitary Inspector, U. S. M. H. S.

[Inclosure.]

*Report of infectious disease in Japan, April 23 to April 30, 1897.*

Locality.	Smallpox.		Locality.	Smallpox.	
	Cases.	Deaths.		Cases.	Deaths.
Kioto Fu.....			Nagano Ken.....	7	3
Osaka Fu.....	561	300	Nagasaki Ken.....	250	78
Tokyo Fu.....	20	7	Nara Ken.....	22	4
Aichi Ken.....	28	5	Niigata Ken.....	54	11
Akita Ken.....			Oita Ken.....	21	4
Awomori Ken.....			Okayama Ken.....	3	2
Chiba Ken.....			Okinawa Ken.....	5	3
Fukui Ken.....			Saga Ken.....	4	2
Fukuoka Ken.....	24	11	Saitama Ken.....	33	17
Fukushima Ken.....	73	15	Shidzuoka Ken.....	44	11
Gifu Ken.....			Shiga Ken.....	4	
Gumma Ken.....			Shimane Ken.....		
Hiogo Ken.....	124	41	Tochigi Ken.....	6	2
Hiroshima Ken.....	29	5	Tokushima Ken.....	94	33
Ibaraki Ken.....			Tottori Ken.....	3	3
Ishikawa Ken.....	3		Toyama Ken.....	14	6
Iwate Ken.....	16	3	Wakayama Ken.....		
Kagawa Ken.....			Yamagata Ken.....	1	
Kagoshima Ken.....	7	8	Yamaguchi Ken.....	16	2
Kanagawa Ken (Yokohama)...	14	7	Yamanashi Ken.....	11	2
Kochi Ken.....	8	3	Yehime Ken.....	18	4
Kumamoto Ken.....			The Hokkaido.....	21	8
Miyagi Ken.....	14	10	Taiwan (Formosa).....	(*)	
Miyazaki Ken.....	9	2			
Miye Ken.....	77	15	Totals.....	1,638	624

\*April 20 to April 27. 83 cases of plague.

STUART ELDRIDGE, M. D.,  
Sanitary Inspector, U. S. M. H. S.

STATISTICAL REPORTS.

GREAT BRITAIN—*England and Wales.*—The deaths registered in 33 great towns of England and Wales during the week ended May 15, correspond to an annual rate of 16.5 a thousand of the aggregate population, which is estimated at 10,860,971. The lowest rate was recorded in Norwich, viz, 10.9, and the highest in Salford, viz, 23.0 a thousand.

*London.*—One thousand three hundred and thirty-four deaths were registered during the week, including measles, 20; scarlet fever, 17;

diphtheria, 42; whooping cough, 33; enteric fever 6, and diarrhea 12. The deaths from all causes correspond to an annual rate of 15.6 a thousand. In greater London 1,697 deaths were registered, corresponding to an annual rate of 14.1 a thousand of the population. In the "outer ring" the deaths included 7 from diphtheria; 8 from measles; 2 from scarlet fever, and 10 from whooping cough.

*Ireland.*—The average annual death rate represented by the deaths registered during the week ended May 15 in the 23 principal town districts of Ireland was 25.9 a thousand of the population. The lowest rate was recorded in Lurgan, viz, 4.6, and the highest in Carrickfergus, viz, 40.9 a thousand. In Dublin and suburbs 190 deaths were registered, including scarlet fever, 3; diphtheria, 1; enteric fever, 2; whooping cough, 6, and measles, 6.

*Scotland.*—The deaths registered in 8 principal towns during the week ended May 8 correspond to an annual rate of 26.7 a thousand of the population, which is estimated at 1,518,347. The lowest mortality was recorded in Leith, viz, 13.1, and the highest in Glasgow, viz, 23.3 a thousand. The aggregate number of deaths registered from all causes was 616, including measles, 29; diphtheria, 6, and whooping cough, 34.

*Scotland.*—The deaths registered in 8 principal towns during the week ended May 15 correspond to an annual rate of 20.8 a thousand of the population, which is estimated at 1,518,347. The lowest mortality was recorded in Perth, viz, 13.6, and the highest in Edinburgh, viz, 23.7 a thousand. The aggregate number of deaths registered from all causes was 620, including measles, 41; scarlet fever, 6; diphtheria 5, and whooping cough, 29.

*Dundee.*—Month of April, 1897. Estimated population, 140,054. Total deaths, 132, including diphtheria, 2, and phthisis pulmonalis, 32.

## 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.		
Aden.....	Apr. 23.....	29,730	.....			1								
Aix la Chapelle.....	May 8.....	112,515	40											
Alexandria.....	Apr. 22.....	231,396	238			2		10	2					1
Amsterdam.....	May 10.....	495,589	142						1					2
Belfast.....	May 8.....	277,354	141					8	1			3		2
Belize.....	May 21.....	13,000	3											
Belleville.....	May 24.....	10,459	2											
Birmingham.....	May 15.....	505,772	161					1	1	1		7		3
Bologna.....	May 8.....	152,006	74							1				
Bombay.....	Apr. 27.....	821,764	* 671	4		1						8		
Bradford.....	May 14.....	121,610	62					1		1				
Bremen.....	May 1.....	142,500	53											5
Bristol.....	May 8.....	232,242	70							1				
Brussels.....	do.....	507,985	172					1				1		
Budapest.....	May 7.....	640,000	.....						1	1	1	4		2
Cairo.....	Apr. 22.....	374,838	330			3				1	1	1		1
Cardenas.....	May 15.....	23,517	50			5	2	15		2				
Catania.....	May 11.....	120,000	49					1	1					
Chatham.....	May 25.....	9,052	3											
Christiania.....	May 8.....	182,856	55					1	1					2
Cologne.....	do.....	333,645	137								3			2
Colombo, Ceylon.....	Apr. 17.....	130,000	75					3						
Copenhagen.....	May 8.....	333,714	134					1						
Crefeld.....	May 15.....	108,316	30						1					
Demerara.....	Apr. 3.....	53,176	38											
Do.....	Apr. 10.....	53,176	34											
Do.....	Apr. 17.....	53,176	57											
Do.....	Apr. 24.....	53,176	51											1
Dresden.....	do.....	350,100	139							2	2			3
Do.....	May 1.....	350,100	147						3	1				3
Do.....	May 8.....	350,100	121						2	1				2
Dundee.....	do.....	163,090	50					2						2
Do.....	May 15.....	163,090	57											
Dusseldorf.....	May 8.....	185,759	59							3				1
Edinburgh.....	do.....	292,364	129					1				14		6
Flushing.....	May 15.....	17,193	9									1		2
Frankfort on the Main.....	do.....	238,000	72									1		
Ghent.....	May 1.....	159,218	82											
Do.....	May 8.....	159,218	56											2
Do.....	May 15.....	159,218	53											
Gibraltar.....	May 9.....	25,800	18					1		1				
Gothenburg.....	May 8.....	115,896	36					1						1
Halifax.....	May 22.....	38,700	17											
Hamburg.....	May 8.....	650,000	217						1					
Do.....	May 15.....	650,000	202						1		4			2
Hongkong.....	Apr. 10.....	232,662	.....			7								
Do.....	Apr. 17.....	232,662	.....			7								
Konigsberg.....	May 15.....	171,700	.....							4				
Leeds.....	do.....	402,449	107									2		1
Leghorn.....	do.....	103,755	39											
Leith.....	May 8.....	75,186	19											1
Liege.....	May 15.....	163,107	55											
Liverpool.....	May 8.....	644,129	245						4			6		8
London.....	May 1.....	6,291,677	1,862					6	16	49	29	52		
Lucerne.....	Apr. 30.....	23,500	45											
Madras.....	Apr. 16.....	452,518	287									15		
Magdeburg.....	Apr. 17.....	217,370	75						1	1				
Do.....	Apr. 24.....	217,370	79							2	2			1
Do.....	May 15.....	101,500	45								2	2		
Mannheim.....	May 8.....	50,000	6											
Maracaibo.....	May 15.....	50,000	12											
Do.....	May 21.....	12,000	4											
Matanoras.....	May 8.....	74,917	29							1				
Mayence.....	May 8.....	74,917	29											
Do.....	May 15.....	107,000	21											
Messina.....	do.....	800,000	601											
Moscow.....	May 1.....	418,000	185			2	1	2	12	12	23	3		4
Munich.....	May 8.....	71,730	97											
Nagasaki.....	Apr. 26.....	173,817	.....			2					1	3		1
Nuremberg.....	May 1.....	353,000	140									1		
Odessa.....	May 8.....	182,730	.....			1								
Osaka and Hiogo.....	Apr. 24.....	97,340	38			2					1	1		4
Plymouth.....	May 15.....	.....	.....											

\* 195 from plague.

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.
Prague.....	May 8.....	193,097	144						1	1	5	2
Rio de Janeiro.....	May 1.....	679,000	* 322		10			6				
Rio Grande do Sul.....	Mar. 6.....	20,000	12			1						
Do.....	Mar. 13.....	20,000	14									
Do.....	Mar. 20.....	20,000	10			1						
Do.....	Mar. 27.....	20,000	9			1						
Rotterdam.....	May 15.....	288,863	107							1		
Sagua la Grande.....	do.....	17,536	35			1						
St. Helena.....	Apr. 10.....	3,600	2									
St. Johns, Antigua.....	Apr. 24.....	36,119	12									
Do.....	May 1.....	36,119	11									
Do.....	May 8.....	36,119	10									
St. Petersburg.....	do.....	1,013,000	754			1	1	20	25	46	39	1
St. Stephens, New Brunswick	May 22.....	3,000	1									
St. Thomas, West Indies.....	Apr. 30.....	12,019	8									
Do.....	May 7.....	12,019	8									
Sanchez.....	May 8.....	1,000	1									
Schiedam.....	May 15.....	26,627	10									
Sheffield.....	do.....	352,641	143					2	1	2		
Sonneberg.....	Apr. 24.....	12,150	2									
Stettin.....	May 8.....	150,000	62					1		1		
Stuttgart.....	May 13.....	158,378	61							2		
Trieste.....	May 8.....	158,314	62			1		1	2			
Tuxpan.....	do.....	10,280	10									
Venice.....	do.....	165,222	63					1				
Vera Cruz.....	May 20.....	30,000	32									
Warsaw.....	May 8.....	601,408	163			5	1	2	2	2	2	
Yarmouth.....	May 23.....	6,500	1					1				
Yokohama.....	Apr. 8.....	170,252	.....			3						
Do.....	Apr. 15.....	170,252	.....			2				1		
Zurich.....	May 8.....	153,000	60			1	2			1		1

\* Beriberi, 16.

By authority of the Secretary of the Treasury :

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