

# ABSTRACT OF SANITARY REPORTS.

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## UNITED STATES.

### SPECIAL REPORTS.

*Gulf quarantine station—Death of Assistant Surgeon J. F. Groenevelt.*

GULF QUARANTINE, June 29, 1891.

SIR: I have to report that Assistant Surgeon J. F. Groenevelt, Marine-Hospital Service, died to-night from yellow fever.

H. R. CARTER,  
*Passed Assistant Surgeon.*

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

Surgeon R. D. Murray, ordered to the Gulf quarantine, reports, under date of July 6, that there is no sickness at the station, and that there is positively no danger whatever to the public.

*False reports of yellow fever at Brunswick, Ga.*

In reply to an inquiry from this Bureau relative to newspaper report of cases of yellow fever at Brunswick, Ga., the following telegram was received from A. A. Surgeon Dunwody, dated July 8, 1891:

There has been not even a suspicious case in the city. Brig *Emma* arrived in St. Simon's Sound about two weeks ago from Havana with case of yellow fever on board; was immediately with pilot sent to Sapelo quarantine station. Vessel has been discharged by P. A. Surgeon J. H. White, and is now in this port with all hands well, loading. City perfectly healthy.

### VESSELS REMAINING, ARRIVING AT, AND DEPARTING FROM UNITED STATES QUARANTINE STATIONS.

*Cape Charles quarantine, week ended July 3, 1891.*

Name of vessel.	Date of arrival.	Where from.	Destination.	Treatment of vessel and cargo.	Date of departure.
Spanish S. S. Hugo (a).....	June 29	Cienfuegos..	Hampton Roads.	Boarded, inspected, and detained 4 days for observation.	July 3

a Clean bill of health.

Twenty-two vessels spoken and passed.

VESSELS REMAINING, ARRIVING AT, AND DEPARTING FROM UNITED  
STATES QUARANTINE STATIONS—Continued.

*Delaware Breakwater quarantine, week ended June 27, 1891.*

Name of vessel.	Date of arrival.	Where from.	Destination.	Treatment of vessel and cargo.	Date of departure.
Am. S. S. Willie Reed (a).....	June 21	Sagua La Grande.	Philadelphia	Inspected and detained 2 days.	June 23
Am. Brgtine H. P. Cleaves (b)...	June 21	Manzanilla..	Waiting orders.	Inspected and fumigated.	June 24

*a* Bound to the Lazaretto.

*b* One man died from sunstroke, according to captain's report.

Sixteen vessels spoken and passed.

*Gulf quarantine, week ended July 2, 1891.*

Br. Bk. Fortunato Repetto (a).	June 8	Rio de Janeiro.	Pensacola ...	Held for disinfection.	June 27
Fr. Bk. Edward Gussier (b)....	June 21	do .....	do .....	do .....	
Span. S. S. San Albano (c).....	June 23	Havana .....	Ship Island.	do .....	June 30
Br. Brgtine Rozella Smith (d)...	June 24	do .....	do .....	do .....	

*a* Previously reported; given free pratique.

*b* Previously reported; remaining in quarantine.

*c* Given free pratique.

*d* Remaining in quarantine.

Two vessels spoken and passed.

*South Atlantic quarantine, week ended June 27, 1891.*

Am. Brig. Emma (a).....	June 23	Havana .....	Brunswick, Ga.	Unballasted, preparatory to disinfection.	
Br. S. S. Kate Fawcett (b).....	June 24	Pernambuco	Savannah, Ga.	Fumigated .....	

*a* One case of yellow fever when fifteen days out from Havana.

*b* Remaining in quarantine.

*San Diego quarantine, week ended July 1, 1891.*

Two vessels spoken and passed.

*Steamship bound to New York or Philadelphia from Havana without bill of health—Suspicious.*

Under date of July 3, 1891, the United States sanitary inspector at Havana telegraphs as follows:

“British ship *Grandee* sailed yesterday for Philadelphia or New York without bill of health.”

A copy of the above telegram was at once forwarded to the New York and Delaware Breakwater quarantines.

*South Atlantic quarantine station.*

Passed Assistant Surgeon White reports the American brig *Emma* arrived at the quarantine station June 23, 1891, from Havana, bound for Brunswick, Ga. She left Havana with a foul bill of health in which it was stated that she lay at the San José wharf, Havana side of harbor.

When fifteen days out from Havana the captain was taken sick with yellow fever.

*Diphtheria—Shreveport, La.*

Acting Assistant Surgeon Booth reports 2 cases and 1 death from diphtheria in Shreveport for the week ended July 4, 1891.

*Sanitary condition and mortality statistics of El Paso, Tex., and Paso del Norte, Mexico.*

The following is extracted from the report of the United States sanitary inspector at El Paso, dated June 31, 1891:

According to Mexican newspapers there are numerous cases of small-pox in the interior of Mexico.

It is claimed by "El Tiempo" periodical that yellow fever is causing many deaths at Vera Cruz.

I give herewith a synopsis of El Paso health officer's report to the State health officer.

Approximately the population of El Paso, Tex., is in round numbers: Americans, 8,000; Mexicans, 2,000.

Total death rate for 1890 was: Americans, per 1,000 per annum, 7; Mexicans, per 1,000 per annum, 49.

Total death rate for 1889 and 1890 from diphtheria, croup, and scarlet fever: Americans, 6; Mexicans, 6; total, 12.

Paso del Norte, Mexico, is estimated to have from 8,000 to 10,000 inhabitants, probably equal to El Paso's population.

There were 89 deaths in that city from diphtheria, croup, and scarlet fever in 1889 and 1890.

During the year 1889 and 1890 there was a terrible epidemic of diphtheria amongst the people of this city; but, with a criminal carelessness, no attention whatever was paid to isolate or prevent intercommunication between families.

The city has no system of sewage or drainage, and for probably two hundred and fifty years the people cast their filth in the streets, and seven-eighths of the population deposit their excreta in close proximity to their houses of residence.

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

FLORIDA—*Pensacola*.—Month of June, 1891. Population, 11,750. Total deaths, 26, including phthisis pulmonalis 3 and enteric fever 4.

IOWA—*Keokuk*.—Month of June, 1891. Population, 14,101. Total deaths, 28, including phthisis pulmonalis, 4; enteric fever, 1; and scarlet fever, 1.

MICHIGAN.—Month of June, 1891. Reports to the State board of health, Lansing, compared with the preceding month, indicate that cholera infantum, cholera morbus, dysentery, typho-malarial fever, puerperal fever, remittent fever, typhoid fever (enteric), and diphtheria increased, and that inflammation of brain, membranous croup, pneumonia, scarlet fever, influenza, and measles decreased in prevalence.

Compared with the average for the month of June in the five years 1886-'90, influenza and dysentery were more prevalent and typho-malarial fever, inflammation of brain, whooping cough, scarlet fever, and diphtheria were less prevalent in June, 1891.

Including reports by regular observers and others, diphtheria was reported present in Michigan, in the month of June, 1891, at 55 places, typhoid fever at 25 places, scarlet fever at 65 places, and measles at 78 places.

Reports from all sources show diphtheria reported at 9 places more, scarlet fever at 1 place more, typhoid fever at 8 places more, and measles at 11 places less in the month of June, 1891, than in the preceding month.

For the week ended June 27, 1891, reports from 55 observers indicate that typhoid fever, dysentery, scarlet fever, pleuritis, cerebro-spinal meningitis and typho-malarial fever increased, and that membranous croup, cholera morbus, measles, inflammation of brain, and puerperal fever decreased in area of prevalence.

Diphtheria was reported at 25 places, scarlet fever at 39, enteric fever at 14, and measles at 34 places.

*Grand Rapids.*—Month of June, 1891. Population, 60,278. Total deaths, 57, including phthisis pulmonalis, 2; enteric fever, 1; scarlet fever, 2; diphtheria, 4; croup, 1; and whooping cough, 1.

*NEW YORK.*—Month of May, 1891. Reports from 141 cities and towns, including New York and Brooklyn, show a total of 10,213 deaths, including phthisis pulmonalis, 1,234; enteric fever, 88; scarlet fever, 252; diphtheria and croup, 339; measles, 184; and whooping cough, 79.

The *Monthly Bulletin* says:

The mortality in the State for May is 10,213, or 330 deaths daily, according to the reported returns; there were 133 fewer deaths each day than in April, but the mortality is greater than that of the preceding months of the year by about 20 deaths daily; and is greater than that of May, 1890, by 50 deaths daily. There has been a continuance of influenza (la grippe), but it has much abated; deaths from acute respiratory diseases have diminished by 2,228 from the preceding month, but there were 600 more than in last May; there were 300 fewer deaths from nervous diseases; 300 fewer from old age; 100 fewer from diseases both of the circulatory and urinary systems; the unclassified deaths are also lower. Compared with the average of the past six years for May, the percentage of deaths from acute respiratory diseases alone is greater, being 20.8 to 16.3; from nervous, circulatory, and other local diseases, and also from consumption, the proportion of deaths is less than the average, rather than greater. The actual mortality from diseases of the zymotic class was 1,200; in April, 1,300; in May, 1890,

1,100. Measles is the only disease of this class which shows any increase over last month; but scarlet fever has a considerably greater mortality than a year ago. The death rate for the State (5,600,000 population reporting) is 21.50 per 1,000; from zymotic diseases, 2.52; of deaths under five years of age, 6.25. In April the death rate was 30.00 per 1,000 population. The lowering of the death rate has taken place uniformly, in the rural as well as the urban districts.

OHIO.—Month of May, 1891. Reports to the State board of health from 63 cities and towns, having an aggregate population of 1,240,890, show a total of 1,773 deaths, including phthisis pulmonalis, 228; enteric fever, 39; scarlet fever, 12; croup and diphtheria, 82; measles, 4; and whooping cough, 8.

RHODE ISLAND.—Month of May, 1891. Reports to the State board of health, from towns representing an estimated population of 305,137, show a total of 482 deaths, including phthisis pulmonalis, 69; enteric fever, 6; scarlet fever, 2; diphtheria, 8; croup, 6; and whooping cough, 6.

VIRGINIA—*Lynchburg*.—Month of June, 1891. Population, 19,709. Total deaths, 45, including 2 from enteric fever.

WASHINGTON—*Seattle*.—Month of May, 1891. Population, 42,837. Total deaths, 47, including [phthisis pulmonalis, 3; enteric fever, 4; and croup, 1.

*Publications received.*

Leprosy, its extent and control, origin and geographical distribution, by H. S. Orme, president California State board of health.

The *Monthly Bulletin* of the State board of health of Rhode Island, June, 1891.

The *Monthly Sanitary Record* of the State board of health of Ohio, June, 1891.

## 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.	Varicella.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
New York, N. Y.....	July 4.....	1,515,301	922	72	.....	.....	.....	.....	2	24	21	16	5
Chicago, Ill.....	July 4.....	1,099,850	424	34	.....	.....	.....	.....	29	5	9	6	5
Philadelphia, Pa.....	June 27.....	1,046,964	430	39	.....	.....	.....	.....	15	1	11	.....	1
Brooklyn, N. Y.....	June 4.....	806,343	503	37	.....	.....	.....	.....	.....	7	12	7	2
St. Louis, Mo.....	June 27.....	451,770	221	16	.....	.....	.....	.....	4	1	3	2	.....
St. Louis, Mo.....	July 4.....	451,770	234	.....	.....	.....	.....	.....	.....	.....	1	1	.....
Boston, Mass.....	July 4.....	448,477	143	.....	.....	.....	.....	.....	1	3	3	.....	.....
Baltimore, Md.....	July 4.....	434,439	240	16	.....	.....	.....	.....	1	3	4	.....	3
San Francisco, Cal.....	June 27.....	298,997	139	18	.....	.....	.....	.....	1	1	2	.....	1
Cincinnati, Ohio.....	July 3.....	296,908	156	13	.....	.....	.....	.....	3	1	4	.....	.....
Cleveland, Ohio.....	June 27.....	261,353	74	3	.....	.....	.....	.....	1	.....	2	.....	.....
Washington, D. C.....	July 4.....	230,392	140	10	.....	.....	.....	.....	.....	.....	3	.....	3
Milwaukee, Wis.....	July 4.....	204,468	71	8	.....	.....	.....	.....	1	1	4	.....	1
Providence, R. I.....	July 4.....	132,146	47	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Indianapolis, Ind.....	July 4.....	105,436	40	2	.....	.....	.....	.....	.....	.....	1	.....	.....
Toledo, Ohio.....	July 3.....	81,434	24	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Richmond, Va.....	July 4.....	81,388	44	5	.....	.....	.....	.....	1	.....	.....	.....	.....
Nashville, Tenn.....	July 4.....	76,168	41	.....	.....	.....	.....	.....	2	.....	.....	.....	1
Lynn, Mass.....	June 27.....	55,727	19	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Portland, Me.....	July 4.....	36,425	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Binghamton, N. Y.....	July 4.....	35,005	9	2	.....	.....	.....	.....	.....	.....	1	.....	.....
Mobile, Ala.....	July 4.....	31,076	19	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Galveston, Tex.....	June 12.....	29,084	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Galveston, Tex.....	June 19.....	29,084	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Galveston, Tex.....	June 26.....	29,084	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Auburn, N. Y.....	July 4.....	25,858	8	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
San Diego, Cal.....	June 27.....	16,159	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pensacola, Fla.....	June 27.....	11,750	7	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Tampa, Fla.....	June 27.....	*10,000	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

\* Estimated.

*Table of temperature and rainfall, week ended July 3, 1891.*

[Received from War Department, Signal Office.]

Locality.	Mean temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
<b>New England States:</b>						
Eastport, Me.	58		14	.93		.51
Portland, Me.	65		28	.84		.50
Boston, Mass.	71		56	.77		.77
Block Island, R. I.	65		42	.70		.70
<b>Middle Atlantic States:</b>						
Albany, N. Y.	71		26	.91		.86
New York, N. Y.	71		40	.94		.86
Philadelphia, Pa.	75		28	.80		.66
Atlantic City, N. J.	70		14	.77		.35
Baltimore, Md.	75		35	1.01	.71	
Washington, D. C.	74		29	1.05	1.44	
Lynchburg, Va.	79		28	.79		.03
Norfolk, Va.	76		14	1.08		.93
<b>South Atlantic States:</b>						
Charlotte, N. C.	79			1.22		.48
Wilmington, N. C.	78	14		1.57		.60
Charleston, S. C.	81	14		1.42		.09
Augusta, Ga.	81	1		1.08		.66
Savannah, Ga.	81	10		1.38		1.24
Jacksonville, Fla.	82	14		1.43		.13
Key West, Fla.	84			.98		.92
<b>Gulf States:</b>						
Atlanta, Ga.	77	14		1.05		1.04
Pensacola, Fla.	81			1.47	.87	
Mobile, Ala.	81			1.44		.86
Montgomery, Ala.	81	14		1.09	1.85	
Vicksburg, Miss.	81	14		.98		.98
New Orleans, La.	81	14		1.52		1.44
Shreveport, La.	83			.95		.53
Fort Smith, Ark.	80		14	.87		.57
Little Rock, Ark.	80			.89		.85
Palestine, Tex.	81		14	.70		.69
Galveston, Tex.	84		14	.99	.55	
San Antonio, Tex.	82			.63		.61
Corpus Christi, Tex.	82			.53	.05	
Brownsville, Tex.	83			.60		.56
Rio Grande City, Tex.	86			.33		
<b>Lake Region:</b>						
Oswego, N. Y.	66		14	.84		.38
Rochester, N. Y.	70		28	.67	.03	
Buffalo, N. Y.	66		9	.77		.15
Erie, Pa.	71		42	.75		.45
Cleveland, Ohio.	69			.91		.51
Sandusky, Ohio.	74		28	.88	.34	
Toledo, Ohio.	74		42	.77		.25
Detroit, Mich.	70		14	.84		.06
Port Huron, Mich.	68		28	.77	1.05	
Alpena, Mich.	62		14	.81	.44	
Marquette, Mich.	61			.81		.74
Grand Haven, Mich.	66			.81		.31
Milwaukee, Wis.	67		14	.91		.12
Chicago, Ill.	71		28	.91	.23	
Duluth, Minn.	62		42	.96	.42	
<b>Ohio Valley and Tennessee:</b>						
Memphis, Tenn.	80	14		.95	.26	
Nashville, Tenn.	77			.98		.33
Chattanooga, Tenn.	78			.88		.56
Knoxville, Tenn.	76			1.04		.96
Louisville, Ky.	78			.95		.49
Indianapolis, Ind.	74			1.12		.51
Cincinnati, Ohio.	75		14	.89		.25
Columbus, Ohio.	73		14	.80	.47	
Pittsburgh, Pa.	73		14	1.07	.82	
<b>Upper Mississippi Valley:</b>						
St. Paul, Minn.	70		42	.82	.56	
La Crosse, Wis.	71		28	1.05	.63	
Dubuque, Iowa.	72		14	1.23	.01	
Davenport, Iowa.	72		14	.95		.13
Des Moines, Iowa.	73		14	1.09		.03
Keokuk, Iowa.	73		15	1.05	.87	
Springfield, Ill.	74			.96		.84
Cairo, Ill.	77			.98		.98
St. Louis, Mo.	77			.92		.72

Table of temperature and rainfall, week ended July 3, 1891—Continued.

Locality.	Mean temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
<b>Missouri Valley:</b>						
Springfield, Mo.....	76			1.09		1.03
Kansas City, Mo.....	76		10	1.03		.55
Concordia, Kans.....	75			.74	.14	
Omaha, Nebr.....	74		14	1.47		1.35
Valentine, Nebr.....	70		14	.70		.28
Huron, S. D.....	70		28	.90		
Sully, Fort, S. D.....	72			.67	1.56	
<b>Extreme Northwest:</b>						
Moorhead, Minn.....	66		36	1.01		.75
Bismarck, N. D.....	68		42	.61		.47
Buford, Fort, N. D.....	68		42	.61		.21
<b>Rocky Mountain Slope:</b>						
Assiniboine, Fort, Mont.....	65		6	.60	.24	
Helena, Mont.....	64	14		.32		.30
Custer, Fort, Mont.....	68		14	.35		.30
Salt Lake City, Utah.....	72		14	.14		.14
Cheyenne, Wyo.....	65		28	.31		.23
North Platte, Nebr.....	72		14	.70		.02
Denver, Colo.....	70		28	.38		.16
Montrose, Colo.....	68		28	.14		.14
Pueblo, Colo.....	73		28	.38		.38
Dodge City, Kans.....	76		14	.65		.52
Sill, Fort, Ind. T.....	80			.82		
Santa Fé, N. Mex.....	68		28	.37		.30
<b>Pacific Coast:</b>						
Olympia, Wash.....	61		14	.28		.28
Portland, Oreg.....	65		28	.26		.26
Roseburg, Oreg.....	64	31		.25		.25
Red Bluff, Cal.....	78	70		.06		.06
Sacramento, Cal.....	71	98		.00		.00
San Francisco, Cal.....	60	56		.01		.00
Los Angeles, Cal.....	70	14		.00		.00
San Diego, Cal.....	67			.00		.00
Yuma, Ariz.....	88	28		.00		.00



## FOREIGN.

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

**BRAZIL—Rio de Janeiro—Yellow fever.**—The United States sanitary inspector reports 87 deaths from yellow fever during the week ended May 30, 1891, and 14 deaths from the same disease on the 31st day of May, 1891. The American steamship *Allianca* was inspected on the 29th of May, and all found well, excepting the captain, who had malarial fever.

**CUBA—Havana—Yellow fever and mortality statistics.**—The United States sanitary inspector, under date of June 27, reports 129 deaths in the city during the week ended June 25, 1891, including yellow fever, 9 (45 new cases); so-called pernicious fever, 4; enteric fever, 5; smallpox, 4; measles, 1; glanders, 1; and hydrophobia, 1.

Month of June, 1891. Total deaths, 600, including yellow fever, 43; so-called pernicious fever, 23; enteric fever, 15; paludal fevers, 5; smallpox, 33; diphtheria, 1; measles, 1; glanders, 1; and hydrophobia, 2.

Twenty-seven of the deaths from yellow fever were in the military hospital, among members of the army and navy, while the remaining 16 occurred among civilians in the various private hospitals of the city, with the exception of 2, which occurred in private houses.

**EGYPT.**—Week ended June 4, 1891. The towns in upper and lower Egypt, including Gizeh and the Suez Canal, show a total of 1,336 deaths, including phthisis pulmonalis, 79; enteric fever, 75; diphtheria and croup, 1; measles, 58; whooping cough, 7; and smallpox, 2.

**GREAT BRITAIN—England and Wales.**—The deaths registered in 28 great towns of England and Wales during the week ended June 20 corresponded to an annual rate of 23.1 a thousand of the aggregate population, which is estimated at 9,405,108. The lowest rate was recorded in Plymouth, viz, 14.2, and the highest in Bolton, viz, 30.8 a thousand.

**London.**—One thousand eight hundred and sixty-five deaths were registered during the week, including smallpox, 1; measles, 18; scarlet fever, 15; diphtheria, 28; whooping cough, 44; typhus fever, 1; enteric fever, 19; and diarrhoea and dysentery, 19. The deaths from all causes corresponded to an annual rate of 23.0 a thousand. Diseases of the respiratory organs caused 439 deaths. In greater London 2,295 deaths were registered, corresponding to an annual rate of 21.2 a thousand of the population. In the "outer ring" the deaths included measles, 5; whooping cough, 17; and scarlet fever, 13.

*Ireland.*—The average annual death rate, represented by the deaths registered during the week ended June 20, in the 16 principal town districts of Ireland, was 23.2 a thousand of the population. The lowest rate was recorded in Newry, viz, 7.9, and the highest in Galway, viz, 37.8 a thousand. In Dublin and suburbs 170 deaths were registered, including enteric fever 3; whooping cough, 1; and typhus, 1.

*Scotland.*—The deaths registered in eight principal towns during the week ended June 20 corresponded to an annual rate of 23.2 a thousand of the population, which is estimated at 1,345,563. The lowest mortality was recorded in Perth, viz, 11.8, and the highest in Dundee, viz, 28.0 a thousand. The aggregate number of deaths registered from all causes was 597, including measles, 24; scarlet fever, 3; diphtheria, 4; whooping cough, 19; fever, 6; and diarrhoea, 11.

*Glasgow.*—Under date of June 24, 1891, the United States consul writes that he has received a note from the health officer of the city informing him that no further outbreak of smallpox has taken place and he hopes the danger is over.

*ITALY—Milan.*—Month of May, 1891. Population, 408,361. Total deaths, 867, including smallpox, 1; enteric fever, 12; and diphtheria, 40.

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.....	June 20.....	5,656,909	2,295	.....	.....	1	1	19	17	28	23	.....
Paris.....	June 20.....	2,280,945	887	.....	.....	.....	.....	7	3	18	25	.....
Hamburg.....	June 6.....	570,534	226	.....	.....	.....	.....	3	2	3	.....	.....
Hamburg.....	June 13.....	570,534	235	.....	.....	.....	.....	.....	4	3	.....	.....
Glasgow.....	June 20.....	567,143	275	.....	.....	.....	.....	4	3	1	.....	.....
Liverpool.....	June 20.....	517,951	291	.....	.....	.....	.....	1	2	1	.....	.....
Buda Pesth.....	June 13.....	507,000	.....	.....	.....	.....	3	.....	2	1	.....	.....
Brussels.....	June 13.....	469,459	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
Warsaw.....	June 13.....	465,272	162	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rio de Janeiro.....	May 30.....	450,000	398	.....	87	12	.....	7	1	7	.....	.....
Calcutta.....	May 9.....	433,219	208	6	.....	.....	.....	.....	.....	.....	2	1
Calcutta.....	May 16.....	433,219	173	16	.....	1	.....	.....	.....	.....	3	.....
Lyons.....	June 13.....	430,000	171	.....	.....	.....	.....	.....	.....	.....	.....	.....
Amsterdam.....	June 13.....	417,542	161	.....	.....	.....	.....	3	.....	.....	.....	.....
Leipzig.....	June 20.....	362,555	137	.....	.....	.....	.....	.....	4	7	.....	.....
Munich.....	June 6.....	349,000	191	.....	.....	.....	.....	.....	1	4	.....	.....
Munich.....	June 13.....	349,000	186	.....	.....	.....	.....	.....	2	10	.....	.....
Copenhagen.....	June 13.....	320,000	151	.....	.....	.....	.....	1	1	8	.....	.....
Odessa.....	May 23.....	295,000	105	.....	.....	.....	.....	1	2	1	.....	.....
Odessa.....	May 30.....	295,000	132	.....	.....	.....	.....	.....	1	1	.....	.....
Odessa.....	June 6.....	295,000	137	.....	.....	.....	.....	.....	1	2	.....	.....
Odessa.....	June 13.....	295,000	132	.....	.....	.....	.....	.....	1	1	.....	.....
Cologne.....	June 13.....	283,866	110	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dresden.....	June 13.....	276,085	98	.....	.....	.....	.....	.....	.....	6	.....	.....
Barcelona.....	June 12.....	272,000	243	.....	.....	.....	.....	.....	.....	8	.....	.....
Barcelona.....	June 19.....	272,000	210	.....	.....	.....	.....	.....	.....	5	.....	.....
Edinburgh.....	June 13.....	261,970	125	.....	.....	.....	.....	.....	.....	1	.....	.....
Edinburgh.....	June 20.....	261,970	104	.....	.....	.....	.....	.....	.....	1	.....	.....
Belfast.....	June 20.....	255,896	107	.....	.....	.....	.....	.....	.....	.....	.....	.....
Palermo.....	June 13.....	250,000	83	.....	.....	.....	.....	.....	.....	.....	.....	.....
Antwerp.....	June 20.....	238,788	81	.....	.....	1	.....	1	.....	2	.....	.....

## MORTALITY TABLE, FOREIGN CITIES—CONTINUED.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—								
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Bristol.....	June 13.....	235, 171	79									
Bristol.....	June 20.....	235, 171	80									
Rotterdam.....	June 20.....	209, 134	73							1		
Pernambuco.....	June 9.....	200, 000	81			1						
Pernambuco.....	June 16.....	200, 000	87		1							
Genoa.....	June 20.....	180, 692	81				1		1		2	
Frankfort-on-the-Main.....	June 13.....	179, 850	58						1	4		
Trieste.....	June 13.....	158, 054	56							2		
Ghent.....	June 13.....	152, 395	78		1						13	
Nuremberg.....	June 6.....	142, 523	66						1			
Stuttgart.....	June 20.....	139, 659	51							4		
Funchal.....	June 13.....	133, 250	25					1				
Bremen.....	June 6.....	125, 000	37							1		
Cardiff.....	June 13.....	121, 477	62						2			
Cardiff.....	June 13.....	121, 477	54									
Stettin.....	June 19.....	116, 000	58					4				
Havre.....	June 20.....	112, 074	62									
Catania.....	June 21.....	110, 000	69					1	2			
Crefeld.....	June 20.....	108, 000	73									
Aix-la-Chapelle.....	June 14.....	104, 728	43									
Leghorn.....	June 14.....	103, 762	36									
Zurich.....	June 13.....	91, 323	32				3		3	8	11	2
Mayence.....	June 20.....	73, 271	20					1				
Leith.....	June 13.....	69, 933	27									
Leith.....	June 20.....	69, 933	27									
Cadiz.....	June 20.....	57, 157	50			1					1	
Guayaquil.....	May 24.....	46, 000	67									
Guayaquil.....	May 31.....	46, 000	65									
Guayaquil.....	June 7.....	46, 000	52									
Guayaquil.....	June 13.....	46, 000	66									
Guayaquil.....	June 20.....	46, 000	55									
Trapani.....	June 13.....	43, 095	15									
Cienfuegos.....	June 28.....	41, 647	13									
Marsala.....	June 13.....	40, 131	19							1		
Gibraltar.....	June 14.....	25, 755	9									
Schiedam.....	June 20.....	25, 437	7									
Curacoa.....	June 27.....	25, 000	5									
Vera Cruz.....	June 26.....	25, 000	14		9							
Girgenti.....	June 13.....	23, 547	12				4					
Licata.....	June 13.....	20, 000	22							15		
Victoria.....	June 20.....	20, 000	6									
Kingston.....	June 26.....	18, 172	6									
Matamoros.....	June 27.....	16, 000	4									
Sagua la Grande.....	June 27.....	15, 605	9									
Port Stanley and St. Thomas.....	June 3.....	11, 000	1									
Guelph.....	June 28.....	10, 173	2									
Tuxpan.....	June 13.....	9, 000	5									
Chatham.....	June 20.....	8, 730	1									
Chatham.....	June 27.....	8, 730	3									
La Guayra.....	June 13.....	7, 641	3									
La Guayra.....	June 20.....	7, 641	7									
Prescott.....	July 2.....	2, 988	2									
Amherstburg.....	July 3.....	2, 260	4									
Puntarenas.....	June 6.....	2, 200	10									

OFFICIAL :

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