

# ABSTRACT OF SANITARY REPORTS.

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WASHINGTON, D. C., JULY 3, 1891.

No. 27.

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## UNITED STATES.

### SPECIAL REPORTS.

#### *Gulf quarantine stations.*

Passed Assistant Surgeon Carter reports the French bark *Edward Gussier* arrived at quarantine station June 21, 1891, from Rio de Janeiro, bound for Pensacola. All well en route and on arrival, but three men sick at Rio, presumably with yellow fever. All the sick men taken to hospital.

The German ship *Gustav and Oscar*, reported in ABSTRACT of June 12, 1891, as an infected vessel, has been given free pratique.

#### *Report upon vaccination—Contributed for the Royal Commission on Vaccination.*

CINCINNATI, OHIO, June 26, 1891.

SIR: In response to a request in the ABSTRACT OF SANITARY REPORTS for information for the English Royal Commission relative to smallpox and vaccination, I would respectfully report that during the war there came under my observation numerous cases of extensive ulceration following vaccination, but in all of these cases the vaccination was arm to arm, and probably the result in many instances was due to want of nutrition and constitutional conditions due to army service.

While I have seen sore arms following the use of bovine virus, I have never observed ulceration.

My experience in many hundreds of cases vaccinated with each variety of virus leads me to recommend that the bovine virus should always be used. I have never seen a case of smallpox following a thorough vaccination with bovine virus.

Very respectfully,

W. H. LONG,  
*Surgeon, M.-H. S.*

To the SUPERVISING SURGEON-GENERAL.

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

FLORIDA.—Month of April, 1891. Reports to the State board of health from 14 counties show a total of 153 deaths, including phthisis pulmonalis, 31; enteric fever, 6; and measles, 1.

MICHIGAN.—Week ended June 20, 1891. Reports to the State board of health, Lansing, from 62 observers, indicate that typho-malarial fever, inflammation of brain, diphtheria, cholera morbus, diarrhoea, inflammation of kidney, whooping cough, inflammation of bowels, and erysipelas increased, and that scarlet fever, pleuritis, typhoid fever, and cerebro-spinal meningitis decreased in area of prevalence.

Diphtheria was reported present during the week at 30 places, scarlet fever at 34 places, enteric fever at 11 places, and measles at 43 places.

MISSOURI—*St. Louis*.—Month of May, 1891. Population, 451,770. Total deaths, 686, including phthisis pulmonalis, 82; enteric fever, 9; scarlet fever, 6; diphtheria, 23; croup, 3; measles, 7; and whooping cough, 8.

NEW YORK—*Buffalo*.—Month of April, 1891. Population, 255,664. Total deaths, 738, including phthisis pulmonalis, 63; influenza, 33; enteric fever, 5; scarlet fever, 2; diphtheria, 10; croup, 9; measles, 2; and whooping cough, 2.

Month of May, 1891. Total deaths, 487, including phthisis pulmonalis, 41; influenza, 13; enteric fever, 3; diphtheria, 9; croup, 10; measles, 1; and whooping cough, 1.

TENNESSEE.—Month of May, 1891. Reports to the State board of health indicate that the principal prevailing diseases during the month, named in the order of their greater prevalence, were malarial fevers, pneumonia, phthisis pulmonalis, dysentery, diarrhoea, heart disease, rheumatism, catarrh, and bronchitis. Enteric fever was reported in 9 counties, influenza in 9 counties, measles in 12 counties, scarlet fever in 4 counties, smallpox in 2 counties, and whooping cough in 8 counties.

Reports from 7 cities and towns, having an aggregate population of 228,334, show a total of 419 deaths, including phthisis pulmonalis, 65; enteric and typhus fevers, 4; diphtheria and croup, 13; scarlet fever, 2; measles, 4; and whooping cough, 8.

*Publications received.*

Second annual report of the State board of health of Florida.

Annual report of the health officer of Madison, Wis., for the year ended March, 1891.

State board of health bulletin of Tennessee for May, 1891.

Third biennial report of the North Carolina board of health for the years 1889 and 1890.

## 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.....	June 27.....	1,515,301	803.	70	.....	.....	.....	.....	7	24	18	20	5
Brooklyn, N. Y.....	June 27.....	806,343	465	31	.....	.....	.....	.....	3	9	12	6	6
Boston, Mass.....	June 27.....	448,477	150	29	.....	.....	.....	.....	1	.....	4	1	1
Baltimore, Md.....	June 27.....	434,439	181	17	.....	.....	.....	.....	1	2	3	.....	3
San Francisco, Cal.....	June 20.....	298,997	107	15	.....	.....	.....	.....	2	1	6	.....	1
Cincinnati, Ohio.....	June 26.....	296,908	133	10	.....	.....	.....	.....	3	1	6	2	.....
Cleveland, Ohio.....	June 13.....	261,343	81	5	.....	.....	.....	.....	.....	.....	4	.....	.....
Cleveland, Ohio.....	June 20.....	261,343	87	10	.....	.....	.....	.....	2	.....	4	.....	1
Washington, D. C.....	June 27.....	230,392	170	17	.....	.....	.....	.....	1	.....	5	1	2
Milwaukee, Wis.....	June 27.....	204,468	71	8	.....	.....	.....	.....	1	1	3	1	.....
Minneapolis, Minn.....	June 20.....	164,738	48	.....	.....	.....	.....	.....	2	.....	1	.....	.....
Kansas City, Mo.....	June 13.....	132,716	27	2	.....	.....	.....	.....	1	.....	.....	.....	1
Kansas City, Mo.....	June 20.....	132,716	23	2	.....	.....	.....	.....	.....	.....	.....	.....	1
Providence, R. I.....	June 27.....	132,146	55	.....	.....	.....	.....	.....	1	.....	.....	.....	3
Toledo, Ohio.....	June 26.....	81,434	24	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Richmond, Va.....	June 27.....	81,388	52	.....	.....	.....	.....	.....	1	.....	2	.....	.....
Nashville, Tenn.....	June 27.....	76,168	42	.....	.....	.....	.....	.....	1	.....	.....	.....	1
Fall River, Mass.....	June 27.....	74,398	32	4	.....	.....	.....	.....	.....	.....	.....	.....	.....
Portland, Me.....	June 27.....	36,425	8	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Binghamton, N. Y.....	June 27.....	35,005	12	4	.....	.....	.....	.....	1	.....	.....	.....	.....
Yonkers, N. Y.....	June 27.....	32,033	12	1	.....	.....	.....	.....	.....	.....	1	.....	.....
Mobile, Ala.....	June 20.....	31,076	21	5	.....	.....	.....	.....	.....	.....	.....	.....	.....
Auburn, N. Y.....	June 27.....	25,858	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
San Diego, Cal.....	June 20.....	16,159	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pensacola, Fla.....	June 20.....	11,750	7	1	.....	.....	.....	.....	1	.....	.....	.....	.....
Tampa, Fla.....	June 20.....	*10,000	6	1	.....	.....	.....	.....	.....	.....	.....	1	.....

\* Estimated.

Table of temperature and rainfall, week ended June 26, 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.	57		7	.89	.95	
Portland, Me.	64		28	.84	.66	
Boston, Mass.	68		28	.77	.75	
Block Island, R. I.	64			.70	.65	
<b>Middle Atlantic States:</b>						
Albany, N. Y.	70			.80		.85
New York, N. Y.	70	28		.86		.72
Philadelphia, Pa.	74	14		.77		.13
Atlantic City, N. J.	69	14		.77		.43
Baltimore, Md.	74	14			.07	
Washington, D. C.	73	17		1.03	1.00	
Lynchburg, Va.	75	14		.84		.44
Norfolk, Va.	75	28		1.01		.53
<b>South Atlantic States:</b>						
Charlotte, N. C.	78	14		1.16		.69
Wilmington, N. C.	78	14		1.49		.99
Charleston, S. C.	80	14		1.32		1.02
Augusta, Ga.	80	14		1.05		.75
Savannah, Ga.	80	5		1.66		1.65
Jacksonville, Fla.	81			1.36		1.11
Key West, Fla.	84		14	.98	.38	
<b>Gulf States:</b>						
Atlanta, Ga.	77	14		1.05	.91	
Pensacola, Fla.	81	14		1.47		1.47
Mobile, Ala.	81	14		1.47		.69
Montgomery, Ala.	81	14		1.13		.47
Vicksburg, Miss.	81	28		.98		.82
New Orleans, La.	81	14		1.61		.95
Shreveport, La.	82	14		.84		.48
Fort Smith, Ark.	79			1.04	.05	
Little Rock, Ark.	79	14		1.03		1.03
Palestine, Tex.	80	14		.78	.40	
Galveston, Tex.	83	4		1.15	.77	
San Antonio, Tex.	82	14		.63	.95	
Corpus Christi, Tex.	82			.62		.34
Brownsville, Tex.	83	18		.67		.51
Rio Grande City, Tex.	86	25		.47		.47
<b>Lake Region:</b>						
Oswego, N. Y.	65	14		.84		.60
Rochester, N. Y.	68	28		.75	.53	
Buffalo, N. Y.	65	28		.83	.17	
Erie, Pa.	68	8		.90		.20
Cleveland, Ohio	68	28		.93		.27
Sandusky, Ohio	71	14		.95	.03	
Toledo, Ohio	71	28		.81		.65
Detroit, Mich.	69	28		.84	.02	
Port Huron, Mich.	66	14		.79		.57
Alpena, Mich.	61	42		.84		.82
Marquette, Mich.	60	28		.91		.27
Grand Haven, Mich.	65	42		.94		.78
Milwaukee, Wis.	66	14		.90		.40
Chicago, Ill.	69	14		.89		.85
Duluth, Minn.	60			1.10		.62
<b>Ohio Valley and Tennessee:</b>						
Memphis, Tenn.	79	14		1.11		1.01
Nashville, Tenn.	77	14		.98		.12
Chattanooga, Tenn.	77	14		1.00		.59
Knoxville, Tenn.	75	14		1.03		.87
Louisville, Ky.	76	14		1.01		.57
Indianapolis, Ind.	73	28		1.18		.88
Cincinnati, Ohio.	74	14		1.03		.17
Columbus, Ohio.	72	28		.77	.25	
Pittsburgh, Pa.	72	14		.91	.77	
<b>Upper Mississippi Valley:</b>						
St. Paul, Minn.	69	14		.98		.28
La Crosse, Wis.	70	28		1.05		.33
Dubuque, Iowa	71	28		1.39		1.33
Davenport, Iowa	71	28		.99		.75
Des Moines, Iowa	72	14		1.26		.30
Keokuk, Iowa	73	28		1.16		1.14
Springfield, Ill.	76	28				.32
Cairo, Ill.	76	14		1.04	.66	
St. Louis, Mo	76	14		1.12		.11

Table of temperature and rainfall, week ended June 26, 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.....	75			1.22	.72	
Kansas City, Mo.....	75			1.17		.73
Concordia, Kans.....	74			.86		.56
Omaha, Nebr.....	73			1.45	3.11	
Valentine, Nebr.....	69			.70	2.10	
Huron, S. D.....	69			.84		.72
Sully, Fort, S. D.....	71			.79		
<b>Extreme Northwest:</b>						
Moorhead, Minn.....	66	14		.98	.70	
Bismarck, N. D.....	67			.77		.40
Buford, Fort, N. D.....	65		42	.77	2.10	
<b>Rocky Mountain Slope:</b>						
Assiniboine, Fort, Mont.....	64		42	.70		.11
Helena, Mont.....	63		56	.45		.04
Custer, Fort, Mont.....	67			.51		
Salt Lake City, Utah.....	70		56	.14		.09
Cheyenne, Wyo.....	63		14	.28	.44	
North Platte, Nebr.....	71			.77	.17	
Denver, Colo.....	69		14	.33		.03
Montrose, Colo.....	68			.08		
Pueblo, Colo.....	73			.35		.35
Dodge City, Kans.....	75			.76		.32
Sill, Fort, Ind. T.....	79			.97		
Santa Fe, N. Mex.....	67	14		.23	.20	
<b>Pacific Coast:</b>						
Olympia, Wash.....	61		14	.32	.20	
Portland, Oreg.....	64		23	.40	.70	
Roseburg, Oreg.....	63		23	.28		.02
Red Bluff, Cal.....	76		23	.11		.11
Sacramento, Cal.....	70			.01		.01
San Francisco, Cal.....	60			.07		.07
Los Angeles, Cal.....	69		14	.00		.00
San Diego, Cal.....	66		14	.00		.00
Yuma, Ariz.....	87		14	.00		.00

## FOREIGN.

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

**BRAZIL—Maceio.**—Month of April, 1891. Population, 17,000. Total deaths, 52. No deaths from contagious diseases.

**Rio de Janeiro—Yellow fever.**—Under date of May 25, 1891, the United States sanitary inspector makes the following report of deaths from yellow fever :

	<i>Deaths.</i>
Week ended May 9, 1891 .....	144
Week ended May 16, 1891.....	140
Week ended May 23, 1891.....	137

The question is being agitated here of closing the port to immigrants during the sickly months, and also of a more efficient water supply for flushing out the almost level drains; of better surface drainage, proper pavements, disinfections on a large scale, and other means of improving the sanitary condition of the town, to which should be added the establishment of better and smaller hospitals, more convenient, and nearer to the center of population.

When all these measures are adopted, we may expect a better state of health.

**CHINA—Hong-Kong.**—Month of April, 1891. Total deaths, 337, including smallpox 8 and beri-beri 5.

**CUBA—Havana.**—The following weekly report has been received from the United States sanitary inspector, dated June 20, 1891 :

There were 155 deaths in this city during the week ending June 19. Ten of those deaths were caused by yellow fever, 7 by so-called pernicious fever, 4 by enteric fever, 11 by smallpox, 1 by glanders, and 1 by hydrophobia.

**EGYPT.**—Week ended May 28, 1891. The towns in upper and lower Egypt, including Gizeh and the Suez Canal, show a total of 1,284 deaths, including phthisis pulmonalis, 72; enteric fever, 55; diphtheria and croup, 1; measles, 71; whooping cough, 14; and smallpox, 6.

**FRANCE—Nice.**—Month of May, 1891. Population, 97,720. Total deaths, 193, including phthisis pulmonalis, 10; enteric fever, 1; smallpox, 2; measles, 1; and whooping cough, 1.

**GREAT BRITAIN—England and Wales.**—The deaths registered in 28 great towns of England and Wales during the week ended June 13 corresponded to an annual rate of 23.8 a thousand of the aggregate population, which is estimated at 9,715,559. The lowest rate was recorded in Brighton, viz, 14.0, and the highest in Blackburn, viz, 37.6 a thousand.

**London.**—One thousand eight hundred and eighty-six deaths were registered during the week, including smallpox, 1; measles, 34; scarlet fever, 7; diphtheria, 21; whooping cough, 56; enteric fever, 7; and

diarrhœa and dysentery, 12. The deaths from all causes corresponded to an annual rate of 23.3 a thousand. Diseases of the respiratory organs caused 453 deaths. In greater London 2,336 deaths were registered, corresponding to an annual rate of 21.5 a thousand of the population. In the "outer ring" the deaths included measles, 5; whooping cough, 17; and diphtheria, 3.

*Sunderland.*—Two weeks ended May 30, 1891. Population, 138,859. Total deaths, 129, including enteric fever 1.

*Ireland.*—The average annual death rate, represented by the deaths registered during the week ended June 13, in the 16 principal town districts of Ireland, was 24.1 a thousand of the population. The lowest rate was recorded in Wexford, viz, 8.6, and the highest in Galway, viz, 37.0 a thousand. In Dublin and suburbs 183 deaths were registered, including enteric fever 2 and whooping cough 3.

*Scotland.*—The deaths registered in eight principal towns during the week ended June 13 corresponded to an annual rate of 24.2 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 Paisley, viz, 37.4 a thousand. The aggregate number of deaths registered from all causes was 623, including measles, 26; scarlet fever, 10; diphtheria, 2; whooping cough, 22; fever, 5; and diarrhœa, 14.

*INDIA—Calcutta.*—Month of February, 1891. Population, 433,219. Total deaths, 1,614, including cholera, 523; smallpox, 2; and fevers, 430.

*MEXICO—Paso del Norte.*—Month ended June 15, 1891. Population, 10,000. Total deaths, 30. No deaths from contagious diseases.

## 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 6.	5,656,909	2,739			1		6	8	29	47
London.....	June 13.	5,656,909	2,336			1		7	9	24	39
Paris.....	June 6.	2,260,945	922					7	5	27	34
Paris.....	June 13.	2,260,945	891					4		28	44
Vienna.....	May 30.	1,378,530	671		12			4	10	21	22
Hamburg.....	May 30.	570,534	280					2	1	9	4
Glasgow.....	June 6.	567,143	304					2	2		
Glasgow.....	June 13.	567,143	276					10	1		
Liverpool.....	June 6.	517,951	352					2	1		
Liverpool.....	June 13.	517,951	311					2	1		
Buda Pesth.....	June 4.	507,000							3	9	
Brussels.....	June 6.	469,459	186		10						
Warsaw.....	May 30.	465,272	160		1			1	1	6	
Warsaw.....	June 6.	465,272	160		2			3	1	4	
Rio de Janeiro.....	May 9.	450,000	460	144	15			5			3
Rio de Janeiro.....	May 16.	450,000	472	140	14			2			2
Rio de Janeiro.....	May 23.	450,000	419	137	22			1		1	
Lyons.....	June 6.	430,000	174							5	
Amsterdam.....	June 6.	417,542	156		1			1		5	
Leipzig.....	June 6.	362,555	117					1	3	2	
Leipzig.....	June 13.	362,555	126					1	3		
Copenhagen.....	June 6.	320,000	137					1	1	4	
Cologne.....	June 6.	283,866	124						1	2	1
Dresden.....	June 6.	276,085	104							3	
Edinburgh.....	June 6.	261,970	122								
Palermo.....	June 6.	250,000	90							1	
Antwerp.....	June 6.	238,788	89					1			
Antwerp.....	June 13.	238,788	93			1				1	
Bristol.....	June 6.	235,171	74								
Belfast.....	June 6.	234,822	107					2		1	
Belfast.....	June 13.	234,822	118					2	1		
Rotterdam.....	June 13.	209,134	87								
Pernambuco.....	May 5.	200,000	78		1						
Pernambuco.....	May 12.	200,000	72		1						
Pernambuco.....	May 19.	200,000	72								
Pernambuco.....	May 26.	200,000	72								
Pernambuco.....	June 2.	200,000	75								
Prague.....	June 6.	182,530	138					2	2		
Prague.....	June 13.	182,530	130		1			3	2	4	
Genoa.....	June 6.	180,661	68								2
Genoa.....	June 13.	180,661	76				2		1	1	3
Frankfort-on-the-Main.....	June 6.	179,850	61						1	5	
Hanover.....	May 30.	168,500	55							1	
Hanover.....	June 6.	168,500	63							5	1
Konigsberg.....	June 7.	161,200	51					1		1	
Trieste.....	May 30.	158,054	67							1	
Trieste.....	May 30.	158,054	65							1	
Christiania.....	June 6.	150,444	54								
Christiania.....	June 13.	150,444	46							1	
Nuremberg.....	May 30.	142,523	53								
Stuttgart.....	June 13.	139,659	53							7	
Hiogo.....	May 30.	136,012	67				5		3		
Funchal.....	June 6.	133,250	22					1			
Colombo.....	May 25.	128,000			1						
Elberfeld.....	May 30.	125,830	52							1	1
Elberfeld.....	June 6.	125,830	45							1	2
Bremen.....	June 6.	125,000	43							1	
Danzig.....	May 30.	120,459	59						1	1	
Barmen.....	May 30.	116,248	43							1	
Barmen.....	June 6.	116,248	42					1			
Stettin.....	June 6.	116,000	53					4		1	
Havre.....	June 6.	112,074	55					3			
Havre.....	June 13.	112,074	45					3			
Catania.....	June 7.	110,000	66					1	2	1	
Catania.....	June 14.	110,000	59					1	2		
Crefeld.....	June 13.	108,000	85								
Gothenburg.....	June 6.	106,246	40						1		
Aix-la-Chapelle.....	June 7.	104,682	42								
Leghorn.....	June 7.	103,762	52					1			
Zurich.....	June 6.	91,323	17						2		11
Mannheim.....	June 6.	80,000	24								
Mannheim.....	June 13.	80,000	16								

## 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.
Mayence.....	June 6....	73,271	28	.....	.....	.....	.....	.....	1	2	.....
Mayence.....	June 13....	73,271	26	.....	.....	.....	.....	.....	.....	1	.....
Leith.....	June 6....	69,933	23	.....	.....	.....	.....	.....	.....	1	.....
Cadiz.....	June 6....	57,157	49	.....	.....	.....	.....	1	.....	.....	.....
Cadiz.....	June 13....	57,157	43	.....	1	.....	.....	.....	.....	.....	.....
Jerez de la Frontera.....	May 30....	51,708	38	.....	2	.....	.....	1	.....	.....	.....
Jerez de la Frontera.....	June 6....	51,708	29	.....	1	.....	.....	1	.....	.....	.....
Merida.....	June 1....	46,375	43	.....	.....	.....	.....	.....	.....	.....	.....
Merida.....	June 8....	46,375	39	.....	.....	.....	.....	.....	.....	.....	.....
Merida.....	June 15....	46,375	47	.....	.....	.....	.....	.....	.....	.....	.....
Trapani.....	June 6....	43,095	16	.....	.....	.....	.....	.....	.....	.....	.....
Cienfuegos.....	June 14....	41,647	16	.....	.....	.....	.....	.....	.....	.....	.....
Cienfuegos.....	June 21....	41,647	13	.....	.....	.....	.....	.....	.....	.....	.....
Marsala.....	June 5....	40,131	9	.....	.....	.....	.....	.....	.....	1	.....
Gibraltar.....	June 7....	25,755	14	.....	.....	.....	.....	.....	.....	.....	.....
Schiedam.....	June 13....	25,437	12	.....	.....	.....	.....	.....	.....	.....	.....
Cartagena.....	May 23....	25,000	12	.....	.....	.....	.....	.....	.....	.....	.....
Cartagena.....	May 30....	25,000	6	.....	.....	.....	.....	.....	.....	.....	.....
Cartagena.....	June 6....	25,000	11	.....	.....	.....	.....	.....	.....	.....	.....
Curacao.....	June 13....	25,000	6	.....	.....	.....	.....	.....	.....	.....	.....
Vera Cruz.....	June 19....	25,000	19	.....	12	.....	.....	.....	.....	.....	.....
Girgenti.....	June 6....	23,547	5	.....	.....	.....	.....	.....	.....	.....	.....
Victoria.....	June 6....	20,500	7	.....	.....	.....	.....	.....	.....	.....	.....
Victoria.....	June 13....	20,500	8	.....	.....	.....	.....	.....	.....	.....	.....
Licata.....	June 6....	20,000	19	.....	.....	.....	.....	.....	11	2	.....
Rio Grande do Sul.....	April 4....	17,000	17	.....	.....	.....	.....	1	.....	1	.....
Rio Grande do Sul.....	April 18....	17,000	24	.....	.....	.....	.....	2	.....	2	.....
Rio Grande do Sul.....	April 25....	17,000	19	.....	.....	.....	.....	3	.....	1	.....
Matamoras.....	June 13....	16,000	6	.....	.....	.....	.....	.....	.....	.....	.....
Matamoras.....	June 20....	16,000	11	.....	.....	.....	.....	.....	.....	.....	.....
Hamilton.....	June 18....	15,700	2	.....	.....	.....	.....	.....	.....	.....	.....
Hamilton.....	June 25....	15,700	2	.....	.....	.....	.....	.....	.....	.....	.....
Sagua la Grande.....	June 13....	15,605	8	.....	.....	.....	.....	.....	.....	.....	.....
Sagua la Grande.....	June 19....	15,605	17	.....	.....	.....	.....	.....	.....	.....	.....
Flushing.....	June 13....	13,200	3	.....	.....	.....	.....	.....	.....	.....	.....
St. Thomas, W. I.....	May 29....	12,019	47	.....	.....	2	.....	.....	.....	.....	.....
St. Thomas, W. I.....	June 5....	12,019	31	.....	.....	.....	.....	.....	.....	.....	.....
Queenstown.....	June 6....	10,340	5	.....	.....	.....	.....	.....	.....	.....	.....
Queenstown.....	June 13....	10,340	6	.....	.....	.....	.....	.....	.....	.....	.....
Queenstown.....	June 20....	10,340	6	.....	.....	.....	.....	.....	.....	.....	.....
Guelph.....	June 21....	10,173	2	.....	.....	.....	.....	.....	.....	.....	.....
Tuxpan.....	June 6....	9,000	5	.....	.....	.....	.....	.....	.....	.....	.....
La Guayra.....	June 6....	7,641	7	.....	.....	.....	.....	.....	.....	.....	.....
Port Sarnia.....	June 20....	6,200	1	.....	.....	.....	.....	.....	.....	.....	.....

OFFICIAL :

WALTER WYMAN,

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