

Public Health Reports

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WASHINGTON, D. C., MAY 12, 1899.

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UNITED STATES.

Precautions to be taken against dismantling of yellow fever infected buildings during the quarantine season.

Owing to the danger that may result from the dismantling of old buildings which have once been infected with yellow fever, the following letter was addressed to the president of the Louisiana State board of health, calling his attention to this fact, and urging that precautions be taken to prevent this source of infection during the present season.

OFFICE OF SUPERVISING SURGEON-GENERAL,
MARINE-HOSPITAL SERVICE,
Washington, D. C., May 3, 1899.

SIR: I desire to invite your attention to a matter which is of very considerable sanitary importance, namely, that no old buildings which have once been infected with yellow fever should be allowed to be dismantled in summer. You will possibly remember that there is reason to believe that the epidemic of yellow fever in Franklin, La., during last year originated in the dismantling of a building which had been infected the previous year. A further case in point may be cited in the dismantling of an old barge in the harbor of Havana (see page 608, PUBLIC HEALTH REPORTS No. 17, dated April 28, 1899). With the strong probability of such happenings in mind, the Bureau, in the spring of 1898, refused to sanction the dismantling of the cruiser *Buffalo*, formerly the Brazilian cruiser *Nietheroy*, at Newport News, Va. Both the Franklin and Havana incidents show very conclusively the wisdom of this latter named decision, and it is, therefore, believed that

it would be a very wise precaution should all the States of the South forbid the dismantling of such old buildings at any time between the 1st of April and the 1st of November.

Respectfully, yours,

WALTER WYMAN,

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

Dr. EDMOND SOUCHON,

President State Board of Health, New Orleans, La.

The president of the State board of health of Louisiana replied as follows:

NEW ORLEANS, *May 6, 1899.*

SIR: I have received your letter of May 3, inviting my attention to the importance of not allowing old buildings which have once been infected with yellow fever to be dismantled in summer.

I will send a circular letter to all of our health officers, parish and municipal, to that effect.

Yours, very truly,

EDMOND SOUCHON, M. D.,

President Louisiana State Board of Health.

The SUPERVISING SURGEON-GENERAL,

U. S. Marine-Hospital Service.

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

Cerebro-spinal meningitis—Abstract of replies received to circular requesting information.

[Continued from last PUBLIC HEALTH REPORTS.]

LOUISIANA—*Shreveport.*—During the two weeks ended May 7, 1899, 6 deaths from cerebro-spinal meningitis were reported. Since January 31, 26 deaths have resulted from cerebro-spinal meningitis.

SOUTH CAROLINA—*Charleston.*—Since April 29, 1899, 3 deaths from cerebro-spinal meningitis are reported.

Smallpox in the United States.

ALABAMA.

Mobile.—Surgeon Murray reports, May 5, 2 cases of smallpox admitted to pesthouse on May 1 and May 2, respectively.

CALIFORNIA.

Los Angeles.—Health officer reports 1 case of smallpox and 1 death from same on April 30.

DISTRICT OF COLUMBIA.

Washington.—Deputy Health Officer McLean reports, May 4, no new cases; 29 cases in hospital and 5 houses in quarantine. May 5, 1 suspicious case under observation; May 6, no new cases. There were 23 cases on hand and 4 houses in quarantine.

INDIANA.

Evansville.—Passed Assistant Surgeon Oakley reports 12 cases during the month of April, and 12 cases remaining at the close of the month. The health officer of Evansville reports 9 cases remaining May 6.

KANSAS.

Emporia.—Secretary of State Board of Health Gill reports 4 cases of smallpox, and source of infection as probably Newton, Harvey County, Kansas.

City of Garnett.—Secretary of State Board of Health Gill reports 1 case; source of infection not stated.

LOUISIANA.

New Orleans.—Secretary Patton of the State board of health reports, for the week ended April 29, 8 new cases and 1 death.

MARYLAND.

Baltimore.—Surgeon Purviance reports, May 2, 2 cases in the last three days.

The Maryland State board of health has passed the following order to prevent the spread of smallpox in that State:

By virtue of authority conveyed in section 8 of article 43, Code of Public General Laws, 1888, title Health, it is ordered by the State board of health that on and after April 1, 1899, no small-fruit grower, canner, truck farmer, or fish packer shall take into his employ any person or persons who do not show written proof of vaccination of more recent date than July, 1898. Any person or persons violating this law shall be fined not less than \$50 nor exceeding \$500.

JOHN S. FULTON, *Secretary.*

Passed March 9, 1899.

MASSACHUSETTS.

Boston.—Surgeon Irwin reports, May 3, no new cases. Total to date, 9, deaths, 1.

MINNESOTA.

St. Paul.—Secretary of State board of health reports 1 case smallpox for week ended April 29.

PENNSYLVANIA.

Erie.—Acting Assistant Surgeon Hunter reports 1 case on May 2.

TEXAS.

El Paso.—Acting Assistant Surgeon Alexander reports, May 3, as follows:

I have the honor to report that I am still enforcing the quasi-quarantine to the best of my ability and with excellent results, for there are now no cases of smallpox known to me on either side of the river, though as it is well known that the Mexicans hide their cases even from the doctors, there may be, and probably still are, cases in Juarez. There are 2 convalescents in the pesthouse in this city.

Free vaccination by the authorities still continues on both sides. Many of the Mexicans are strenuously opposed to this, and thus many are still unvaccinated. All such are not allowed to pass from one city to the other. This prohibition causes many to seek vaccination and must eventually cause them all to do so. This applies almost entirely to adults and the old people. Most of the children and young people are vaccinated. This is due to the schools, the attendance upon which makes vaccination compulsory.

The close inspection of several thousand Mexicans which this quarantine has made necessary, has revealed the fact, surprising even to me, who has had so large an experience with Mexicans, that quite two-thirds of them, and I am inclined to think even a greater proportion, have at sometime in their lives had smallpox, and from this, too, I am forced to the conviction that, as American residents in Mexico generally believe, the Mexicans with their wide experience have acquired a skillful if not a profound knowledge of the treatment of smallpox, which it would be well for us to study. Hence this, with their superstition, their stoicism, and fatalism, induces them to desire that their children may have smallpox in their infancy or youth, feeling toward it precisely as the American mother feels toward the measles, having no greater dread of it, and indeed among them it is scarcely more fatal.

From this, one can well understand how difficult it is to deal with such conditions and to enforce sanitary regulations upon a people who in every sentiment and fiber of their being resent it. They are, however, being rapidly educated to its necessities. This quarantine is arousing them. Enforce it at proper seasons for a few years and the good work will have been accomplished.

From 10 a. m. to 6 p. m. in each day, Sundays included, I am at the bridge, the principal egress and exit of this city with Mexico, issuing or refusing to issue certificates, as the case requires, vaccinating some, turning back others, disinfecting, and exercising to the straining, and sometimes breaking point, such virtues of patience and forbearance as I can command, which a proper knowledge of the Mexicans and their language demands and renders possible.

Then at 7.20 p. m. I meet the incoming Mexican Central train at Juarez and give that the necessary inspection. For many months past, and until the last few days, the bed of the Rio Grande River has been dry, and thus about 20 per cent of the Mexican population has escaped all scrutiny, using the bed of the river to cross instead of the highways, and now since there is water sufficient to put an end to this, that class of contrabands, we may well say, have suddenly, and for several days past, been much in evidence and have given me much trouble at the bridge where I am stationed. These, however, will all be disposed of in a few days. Sunday past there was a great crowd of them there all day, and I had 2 accomplished vaccinators there to assist me in vaccinating and managing them.

Your wire regarding yellow fever at Vera Cruz was duly received and carefully noted.

I advised you by wire that there was a fresh outbreak of smallpox at Las Cruces, New Mexico, a town about 50 miles north from here. The population being almost wholly Mexican, the same conditions apply as cited above regarding the Mexicans here. A number of other Mexican towns in that territory are likewise infected, the people of which seem indifferent or incapable of dealing with it, and the American element may ask federal aid.

The board of health of this city are fully informed of the situation,

and will, I trust, take the necessary precautionary measures, though thus far there is no suspension of intercourse with Las Cruces. Nearly every day we meet people from that place.

Last month I issued 870 certificates and refused a large number.

Of those whom I permitted to pass, 142 had been afflicted with small-pox in its confluent type, three-fourths of whom were of a recent date, and nine-tenths were Mexicans, and all who were refused admission were of the same nationality. This indicates plainly the nature and extent of the recent epidemic.

Galveston.—Acting Assistant Surgeon Keiller reports 5 new cases for week ended April 29.

Laredo.—Acting Assistant Surgeon Hamilton reports April 25 as follows:

The quarantine guards at Carrizo and San Ignacio, Tex., were discharged April 20 according to instructions. I have reliable information that there is no smallpox in Zapata County, Tex., nor in Guerrero, Mexico.

The situation in Laredo, Tex., is improving. Report for the week ended April 22: 3 cases and 1 death; at Nuevo Laredo, Mexico, 1 death from smallpox. On April 24 I inclosed mortuary report for week ended April 22, 1899, and I will obtain report weekly hereafter.

International foot and tramway bridge report: Vaccinated, 20; deported, 1; examined and passed, 1,642; total examined for week ended April 22, 1899, 1,663. The average entry over this bridge daily is from 300 to 500 persons, but all are not examined, as from frequent crossing they are well known to guards. I have at present detained at Nuevo Laredo, Mexico, 2 persons from Vera Cruz and 1 from Tampico. I hold them five days after disinfection of baggage.

The railroad entering Laredo from Mexico does not bring any cars that run to Mexican Gulf cities. All persons coming in necessarily have changed cars at one or more points. I hereby send list of passengers entering at this port. I send number registering from cities having direct railroad connection with Tampico and Vera Cruz, viz: Tampico with Monterey and San Luis Potosi; Vera Cruz with City of Mexico. Persons coming on train generally state that they are from place at which they boarded the train, but if they also swear to that I sometimes catch them by their baggage, as nearly or may be all baggage passing out of Tampico and Vera Cruz has a label on with date, and if not torn off in transit helps to keep a check on entry of baggage and individuals.

Entry of persons on Mexican National Railroad for week ended April 15: From Monterey, 58; San Luis Potosi, 9; Mexico City, 47; other points, 56; total, 170. Week ended April 22: Monterey, 82; San Luis Potosi, 13; Mexico City, 46; other points, 72; total, 213. This does not include those entering from Nuevo Laredo, Mexico, and persons whom I have detained at Nuevo Laredo, Mexico, for quarantine and disinfection.

Acting Assistant Surgeon Hamilton reports, April 30, as follows:

I telegraphed you yesterday recommending the discharge of the man disinfecting mail, as this State removes quarantine to-morrow against Laredo, Tex., and there is no necessity for disinfecting mail.

I will retain guards at international foot bridge on account of small-pox at Nuevo Laredo, Mexico, but I expect it will be clean in a very short time.

Acting Assistant Surgeon Hamilton reports, May 1, as follows :

I have this day received telegram to discharge disinfecter of mail at this point. The State took off quarantine against Laredo, Tex., to-day. The State has employed a physician to visit Monterey and Tampico to investigate those points relative to yellow fever, and anything I learn from him I will wire you if of any consequence. He leaves here for those points to-day. The State health officer informed me that he would keep me informed of what the State agent discovered. I stopped 2 persons on the frontier and returned them to Mexico on April 30. They were from Tuxpan, Mexico, via Tampico, forty-five hours out from Tampico; returned for disinfection of baggage and detention. As I have no authority for detention camp here, I do not allow suspects to enter, but they with 1 exception during this quarantine season have been disinfected at Nuevo Laredo, Mexico, and spent the desired time there. As yet the Mexican authorities have put no restrictions on their movements while on the Mexican side, but I am informed that they intend to do so in the near future. I am informed daily of their health, and in that way keep track of them.

Acting Assistant Surgeon Hamilton reports, May 3, as follows :

I continue passenger inspection of trains entering from Mexico. April 23, I returned 1 man to Nuevo Laredo, Mexico, for detention and disinfection of baggage. April 24, 1 man returned for same purpose, from Vera Cruz, Mexico. April 30, 2 men from Tampico, Mexico. The last 2 are still at Nuevo Laredo, Mexico. None of these persons have had any suspicious symptoms of yellow fever. Although yellow fever is denied to exist at Tampico, Mexico, I consider it a suspicious port, and disinfect all baggage coming from there.

The smallpox situation at this place is much improved. Cases for week ended April 29, 6. No deaths. State removed quarantine against this city on May 1. I have received a letter from a prominent physician of Monterey, Mexico, stating that so far this year they have not had any suspicious cases of yellow fever at that place.

I inclose mortality report of Nuevo Laredo, Mexico. I am informed they have only 2 cases of smallpox there at present, but it is hard to verify what the officials state, and I discovered 2 deaths from smallpox last week on their death register, which they had not reported to me, the judge who keeps the register is very obliging and allows me to examine register whenever I desire.

Report of international foot and tramway bridge is as follows: Vaccinated, 14; deported, 1 blind man; examined and allowed entry, 1,589; total examined, 1,603; total number that entered over bridge, 4,427. The total number I obtained from the person who collects toll on bridge, and does not include small children. I believe children under 6 years do not pay, and are therefore not registered. The inspector does not examine every person coming over bridge each time they cross, as some persons cross as many as six or more times daily and have been examined many times before, which accounts for disparity in number coming over bridge and those examined as to recent successful vaccination.

I have examined and passed on 17 immigrants, but 5 of these were returned by Immigrant Inspector Giles as follows: One woman with 4 children between 3 and 9 years of age, 1 of the children had a sty on one eye and was also suffering from conjunctivitis, but said people were returned on account of being paupers. I depend on the immigrant inspector as to who are immigrants, but I also inspect all persons on train.

Persons out from Tampico or Vera Cruz, that is, any infected port more than five or ten days with baggage that has not been disinfected, should they be detained after disinfection of baggage or allowed to go on if they leave all baggage for disinfection to be forwarded to them?

The following reply was sent in answer to the question contained in the last paragraph of the above report :

WASHINGTON, D. C., *May 5, 1899.*

SIR : Replying to your letter of May 3, and to the closing paragraph thereof, as follows :

Persons out from Tampico or Vera Cruz, that is, any infected port, more than five or ten days, with baggage that has not been disinfected, should they be detained after disinfection of baggage, or allowed to go on if they leave all baggage for disinfection, to be forwarded to them ?

I have to state that persons who have been from five to ten days away from an infected yellow fever port and have not opened their baggage should be allowed to proceed, and their baggage may be disinfected and forwarded to them afterwards, provided the keys are turned over to you and the baggage is not examined or handled by the persons themselves, the principle being that the opening of the baggage by the travelers themselves would be exposing them to possible infection.

Respectfully, yours,

WALTER WYMAN,

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

ACTING ASSISTANT SURGEON H. J. HAMILTON,

Marine-Hospital Service, Laredo, Tex.

VIRGINIA.

Newport News.—Acting Assistant Surgeon Charles reports May 1, 1 new case; May 2, no new cases, 1 death; May 3, no new cases; May 4, 2 new cases; May 5, new cases, 3.

Norfolk.—Assistant Surgeon Cumming reports May 1, no admissions, 5 discharges, on hand, 57; May 2, no admissions, 5 discharges, on hand, 46; May 3, admitted 2, discharged 0, on hand, 58; May 4, admitted 4, discharged 0, on hand, 52.

Portsmouth.—Assistant Surgeon Cumming reports May 1, 3 admissions, 1 discharged, on hand, 56; May 2, 2 admissions, none discharged, on hand, 58; May 3, admissions 1, discharged 7, on hand, 52; May 4, admissions 6, discharged none, on hand, 58.

WASHINGTON.

Spokane.—The health officer reports 2 cases of varioloid from April 22 to 29.

Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 31, 1898, to May 12, 1899.

Places.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Antauga County.....	Feb. 24.....			Smallpox reported.
Calvert.....	Dec. 10-Jan. 20....	10		
Catherina.....	Jan. 6.....			Do.
Clarke County.....	Dec. 25-Jan. 20....		2	Several cases.
Clay County.....	Jan. 27.....			Smallpox reported.
Colerine.....	Jan. 6.....	1		
Dallas County.....	Jan. 27.....			Do.
Green County.....	do.....			Do.
Hale County.....	do.....			Do.
Lowndes County.....	do.....			Do.
Marengo County.....	do.....			Do.
Mobile.....	Jan. 2-May 5.....	30		
Montgomery County.....	Feb. 24.....			Do.
Randolph County.....	Jan. 27.....			Do.
Southside.....	Jan. 6.....	96		
Tallapoosa County.....	Apr. 14.....			Smallpox prevalent.
Washington County.....	Jan. 27.....			Do.
Wilcox County.....	do.....			Do.
Total for the State.....		137	2	Officially reported.
Arkansas:				
Pulaski County.....	Jan. 27-Mar. 1....	8	1	
California:				
Los Angeles.....	Sept. -Apr. 22....	89	14	
Sacramento City.....	do.....	1		
San Diego.....	Feb. 19.....	1	1	
San Francisco.....	Jan. 31.....	2		
Total for the State.....		93	15	Do.
Colorado:				
Arapahoe County.....	Nov. 25-Mar. 31....	38	5	
El Paso County.....	Jan. 31.....	2		
Fremont County.....	Dec. 1-Jan. 31....	24		
Los Animas County.....	Jan. 31.....	12		
Pueblo County.....	Dec. 17-Jan. 31....	60	4	
Total for the State.....		136	9	Do.
Connecticut:				
New Haven.....	Jan. 16.....	2		
District of Columbia:				
Washington.....	Jan. 21-Apr. 26....	82		
Florida:				
Columbia County.....	Mar. 1-Mar. 31....	4		
Jackson County.....	do.....			Smallpox prevalent; death rate 6-7 per cent.
Marion County.....	do.....	102		
Polk County.....	do.....			Smallpox prevalent.
St. Johns County.....	Feb. 1-Mar. 31....	64	0	
Suwanee County.....	Mar. 1-Mar. 31....	4		
Jacksonville.....	Feb. 12-Apr. 30....	22		
Key West.....	Feb. 25-Mar. 30....	9		
Pensacola.....	Jan. 14-Mar. 31....	2		
West Tampa, Hillsboro Co.....	Apr. 9-Apr. 15....	2		
Total for the State.....		209	0	Officially reported.
Georgia:				
Jones County.....	Jan. 1-Jan. 16....	300		
Savannah.....	Feb. 22-Apr. 17....	14		
Total for the State.....		314		Do.
Illinois:				
Bethel.....	Jan. 7.....	2		
Biggsville, Henderson Co.....	Mar. 7.....	1		
Cairo.....	Feb. 23-Mar. 7....	26		
Chicago.....	Mar. 10-May 6....	8		
Dana, La Salle County.....	Mar. 7.....	1		
Media.....	Jan. 7.....	1		
Monmouth, Warren County.....	Feb. 23.....	4		
Murphysboro, Jackson Co.....	Mar. 7.....	2		
Total for the State.....		45		Do.

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Indiana:				
Clark County.....	Mar. 1.....			Smallpox reported.
Dana.....	Feb. 8.....	1		
Daviess County.....	Mar. 1.....			Do.
Evansville.....	Apr. 30.....	2		
Floyd County.....	Jan. 1-Mar. 30.....	5	0	Do.
Greene County.....	do.....	6	0	Do.
Jefferson County.....	Mar. 1.....			Do.
Jackson County.....	Feb. 24.....	4		
Jennings County.....	Jan. 1-Mar. 30.....	4	0	
Marion County.....	do.....	16	0	
New Albany.....	Apr. 22.....	2		
Sullivan County.....	do.....	5	0	
Vanderburg County.....	Jan. 1-Mar. 30.....	20	1	
Vermillion County.....	do.....	3	0	
Total for the State.....		68	1	Officially reported.
Indian Territory.....	Mar. 4.....		45	
Iowa:				
Jones County.....	Apr. 13.....	5	1	
Lee County.....	Jan. 13.....	7	1	
Wayne County.....	do.....	1		
Kansas:				
Atchison County.....	Mar. 16.....	21		Smallpox reported
Independence County.....	Mar. 16.....			
Sumner County.....	Mar. 20.....	2		
Marion County.....	Jan. 17.....	11		
Peabody.....	Feb. 1-Feb. 16.....	56	7	
Kentucky:				
Lebanon Junction.....	Apr. 19.....	8		
Louisville.....	Dec. 20-May 4.....	423	7	
Louisiana:				
Alexandria.....	Mar. 29.....	9		
New Orleans.....	Jan. 30-Apr. 29.....	197	3	
Shreveport.....	Apr. 22-Apr. 29.....	2		
Maine:				
Auburn.....	Jan. 1-Apr. 7.....	3		
Augusta.....	do.....	1		
Lewiston.....	do.....	4		
Waterville.....	do.....	49		
Winslow.....	do.....	108		
Total for the State.....		165		Officially reported.
Maryland:				
Baltimore.....	Jan. 18-May 6.....	19		
Cumberland.....	do.....	3		
Pocomoke.....	do.....	3		
Massachusetts:				
Boston.....	Feb. 28-May 3.....	8	1	
Michigan:				
Albion.....	Feb. 15-Feb. 22.....			Smallpox reported.
Benton Harbor.....	do.....			Do.
Detroit.....	Jan. 1-Feb. 4.....	14		
Kalamazoo.....	Mar. 12-Apr. 8.....	8	1	
Minnesota:				
Brainerd.....	Apr. 16-Apr. 22.....	1		
Minneapolis.....	Dec. 8-Apr. 15.....	3	0	
St. Paul.....	Feb. 18-Apr. 15.....	17	0	
Mississippi:				
Clay County.....	Jan. 27.....			Do.
Hinds County.....	Mar. 3.....			Do.
Jackson County.....	Mar. 26-Apr. 14.....	6		
Jones County.....	Jan. 27.....			Do.
Lauderdale County.....	do.....			Do.
Noxubee County.....	do.....			Do.
Perry County.....	Jan. 27-Mar. 12.....	17	3	
Tishomingo County.....	Jan. 27.....			Do.
Missouri:				
Carroll County.....	Nov. 1-Apr. 6.....	59	15	
Charlton County.....	do.....	1	0	
De Kalb County.....	do.....	3	0	

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.	
Missouri—Continued.					
Macon County.....	Nov. 1-Apr. 6....	1	0	Officially reported.	
Mississippi County.....	.....do.....	1	0	
St. Louis.....	.....do.....	25	2	
Total for the State.....		90	17		
Montana:					
Missoula.....	Feb. 23-Mar. 9....	2			
Nebraska:					
Nebraska City.....	July 1-Dec. 8....	153		Do.	
	Dec. 9-Jan. 16....	147	3		
Omaha.....	Jan. 1-Apr. 15....	36			
Otoe and Nemaha Counties...	Jan. 1-Jan. 16....	21			
Peru.....	Jan. 2.....	5			
Plattsmouth.....	Dec. 10.....	1			
Tecumseh.....	Jan. 2.....	9			
Total for the State.....		372	3		
New Jersey:					
Jersey City.....	Dec. 5-Jan. 22....	6			
New York:					
Buffalo.....	Mar. 15-Apr. 26....	3		Do.	
Elmira.....	Mar. 18-Apr. 22....	2			
Kingston.....	Mar.....	1			
New York.....	Jan. 7-Apr. 24....	12	4		
Dunkirk.....	Jan. 8-Jan. 21....	5			
Tonawanda.....	Mar.....	2			
North Carolina:					
Alamance County.....	Feb. 1-Feb. 23....	3		Do.	
Beaufort Co. (Washington)....	Apr. 8.....	2			
Bertie County.....	Feb. 1-Mar. 23....	8			
Burlington, Franklin County..	Mar. 1.....	3	1		
Chowan County.....	Feb. 16.....	2			
Columbus County.....	Feb. 1-Feb. 23....	3			
Craven County.....	Apr. 6.....	1			
Currituck County.....	Feb. 1-Feb. 23....	2			
Edgecombe County.....	Feb. 1.....	24			
Gates County.....	do.....	1			
Halifax County.....	Feb. 1-Feb. 23....	8			
Johnston County.....	do.....	1			
Northampton County.....	Jan. 12-Feb. 23....	6			
McDowell County.....	Feb. 1-Feb. 23....	2			
Pasquotank County.....	do.....	15			
Perquimans County.....	do.....	1			
Wake County.....	do.....	1			
Wilmington.....	Feb. 3.....	1			
Wilson County.....	Feb. 1-Feb. 23....	1			
Total for the State.....		85	1		
Ohio:					
Bainbridge Twp., Geauga Co....	Jan. 1-Apr. 6....	1		Do.	
Brooklyn.....	Feb. 7-Feb. 27....	1			
Cannelsville.....	Jan. 1-Apr. 6....	1	1		
Chagrin Falls.....	do.....	3			
Cincinnati.....	Jan. 23-Apr. 28....	323	9		
Cleveland.....	Dec. 25-Apr. 6....	153	2		
Cleves.....	Jan. 1-Apr. 6....	7			
Columbus.....	Feb. 7-Apr. 6....	155	2		
Coshocton.....	Jan. 1-Apr. 6....	2			
Dialton.....	Feb. 7-Apr. 6....	1			
Donnelsville.....	do.....	1			
Franklin.....	Apr. 6.....	5			
Fredericksburg.....	do.....	1			
Gallipolis.....	Apr. 6.....	3			
Girls' Industrial Home.....	Jan. 1-Apr. 6....	2			
Granville.....	do.....	1			
Harrison Twp., Perry Co.....	do.....	2			
Howard.....	do.....	2			
Lafayette Twp., Coshocton Co..	do.....	8			
Lockland.....	do.....	6			
Lorain.....	do.....	1			
Middlefield.....	do.....	1			
Newton Twp., Muskingum Co....	Jan. 1-Apr. 6....	14	1		
New Carlisle.....	do.....	4			
Painesville.....	do.....	1			
Parma Twp., Cuyahago Co.....	do.....	1			

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Ohio—Continued.				
Plain City.....	Jan. 1-Apr. 6....	1		
Pleasantville.....	do	1		
Ripley.....	do	4		
Roseville.....	do	1		
Sand Hill.....	do	8		
Sandusky.....	Feb. 7-Apr. 6....	26		
Selma.....	Jan. 1-Apr. 6....	1		
Shenandoah.....	Feb. 7-Apr. 6....	1		
South Charleston.....	do	2		
Springfield.....	do	1		
Springfield Twp., Clark Co.....	do	10		
St. Johns.....	Jan. 1-Apr. 6....	2		
Sunbury.....	Apr. 6.....	4		
Tippecanoe.....	Jan. 1-Apr. 6....	1		
Toledo.....	Feb. 7-Apr. 6....	2		
Wellington.....	do	1		
West Farmington.....	Jan. 1-Apr. 6....	1		
West Jefferson.....	do	1		
Willoughby.....	Feb. 7-Apr. 6....	1		
Xenia.....	Jan. 1-Apr. 6....	3		
Zanesville.....	do	1		
Total for the State.....		773	15	Officially reported.
Oklahoma:				
Chandler.....	Dec. 30.....	1		
Doggett.....	do	1		
Lincoln County.....	Nov. 30-Jan. 30..	32	10	
Parkland.....	Dec. 30.....	1		
Sac and Fox Agency.....	do	2		
Stroud.....	do		3	
Total for the State.....		37	13	
Pennsylvania:				
Allegheny County.....	Feb. 11-Apr. 27..	10		
Ball Hill.....	Dec. 31-Jan. 23..	1		
Beaver County.....	Mar. 12-Mar. 30..	1		
Bedford County.....	Dec. 31-Mar. 30..	21		
Blair County.....	Jan. 1-Apr. 22..	25		
Brumbagh.....	Dec. 31-Mar. 30..	2		
Cambria County.....	Mar. 30-Apr. 22..	13		
Charlesville.....	Dec. 31.....	15		Smallpox reported.
Claysburg.....	Dec. 31-Jan. 23..	1		
East Vincent Township.....	Dec. 31.....	1		
Erie.....	May 2.....	1		
Everett.....	Dec. 31.....	3		
Fayette County.....	Mar. 12-Apr. 12..	23		
Fulton County.....	Feb. 11-Mar. 11..	1		
Homer City.....	Dec. 31.....	2		
Hopewell.....	do	3		
Huntingdon County.....	Feb. 11-Mar. 11..	5		
Hustontown.....	Dec. 31.....	4		
New Granada.....	do	7		
Philadelphia.....	Dec. 31-May 6....	25	11	
Pittsburg.....	Dec. 31-Apr. 23..	7		
Pottstown.....	Feb. 5-Feb. 11..	1		
Somerset County.....	Feb. 11-Apr. 12..	50		
Steelton.....	Dec. 31-Feb. 5....	11		
Waterfall.....	do	1		
Washington County.....	Mar. 30-Apr. 12..	1		
Total for the State.....		235	11	Officially reported.
Porto Rico:				
Ponce.....	Jan. 17-Mar. 17..	451		
San Juan.....	Mar. 6.....	3		
Rhode Island:				
Providence.....	Feb. 21-Apr. 21..	3		
South Carolina:				
Aiken County.....	Apr. 16.....	3		
Beaufort County.....	Apr. 16.....	2		
Clarendon County.....	Apr. 16.....	1		
Edgefield County.....	Jan. 1-Apr. 16..	100	10	
Horry County.....	Mar. 1-Mar. 31..	18	0	
Swinton County.....	Apr. 16.....	2		
Total for the State.....		126	10	

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Tennessee:				
Dyersburg.....	Mar. 24.....	3		
Grover, Madison County.....	Feb. 18—Mar. 11.....	12		
Hardeman County.....	Mar. 1—Mar. 11.....	1		
Jackson.....	Feb. 18—Mar. 27.....	52		
Memphis.....	.....do.....	36		
Nashville.....	Apr. 29—May 6.....	1		
Pinson, Madison County.....	.....do.....	1		
Union City, Obion County.....	Mar. 3—Mar. 11.....	7		
Total for the State.....		113		Officially reported.
Texas:				
Alice, Nueces County.....	Feb. 20.....	20		
Brownsville.....	Jan. 7—Apr. 8.....	3		
Bryan.....	Jan. 29—Mar. 11.....	24		
Dallas.....	Feb. 1—Mar. 23.....	52	15	
Del Rio, Kinney County.....	Apr. 15.....	1		
El Paso.....	Aug. 1—Dec. 31.....	45		Year 1898.
	Jan. 1—Jan. 18.....	21		
Fort Bliss.....	Mar. 12.....	1		
Galveston.....	Mar. 14—Apr. 29.....	22		
Laredo.....	Jan. 1—Apr. 29.....	685	126	
San Rafael.....	Jan. 29.....	4		
Zapata County.....	Mar. 13.....	2		
Total for the State.....		880	141	Officially reported.
Virginia:				
Alexandria.....	Jan. 4—Apr. 15.....	303	2	
Hampton.....	Feb. 15.....	6		
Lynchburg.....	Mar. 5—Mar. 11.....	1	1	
Newport News.....	Dec. 31—May 5.....	654	13	
Norfolk.....	Sept. 19—May 6.....	776	11	
Petersburg.....	Mar. 6—Mar. 12.....	1		
Portsmouth.....	Dec. 31—May 6.....	285	4	
Richmond.....	Jan. 25—Mar. 12.....	8		
Total for the State.....		2,034	31	Do.
Washington:				
Spokane.....	Feb. 27—Apr. 22.....	5		
Wisconsin:				
Calumet County.....	Feb. 16.....	1		
Harrison County.....	Feb. 20.....	1		
Milwaukee.....	Apr. 24—Apr. 29.....	5	1	
Outagamie County.....	Feb. 7—Mar. 20.....	15	2	
Total for the State.....		22	3	Do.
Wyoming:				
Cheyenne.....	Mar. 5—Mar. 26.....	5		
Rock Springs.....	Dec. 24.....	1		

Report of immigration at Boston for the week ended May 6, 1899.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Boston, May 7, 1899.

*Number of alien immigrants who arrived at this port during the week ended May 6, 1899;
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Apr. 30	Steamship Boston.....	Yarmouth, Nova Scotia.....	145
May 1	Steamship Admiral Sampson.....	Port Morant, Jamaica.....	8
May 2	Steamship Prince George.....	Yarmouth, Nova Scotia.....	39
May 3	Steamship Admiral Farragut.....	Port Antonio, Jamaica.....	00
Do....	Steamship Emir.....	Antwerp, Belgium.....	1
Do....	Schooner Alaska.....	Advocate Harbor, Nova Scotia.....	1
Do....	Schooner Emma E. Potter.....	Clemensport, Nova Scotia.....	1
Do....	Schooner G. A. Smith.....	Bridgeport, Nova Scotia.....	2
Do....	Steamship Lancastrian.....	Liverpool, England.....	17
May 4	Steamship Boston.....	Yarmouth, Nova Scotia.....	79
Do....	Steamship Sagamore.....	Liverpool, England.....	2
May 5	Steamship Prince George.....	Yarmouth, Nova Scotia.....	44
Do....	Steamship Halifax.....	Halifax, Nova Scotia.....	111
Do....	Steamship Peruvian.....	Glasgow, Scotland.....	196
	Total.....		696

GEORGE B. BILLINGS,
Commissioner.

Report of immigration at New York for the week ended May 6, 1899.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of New York, May 6, 1899.

*Number of alien immigrants who arrived at this port during the week ended May 6, 1899;
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Apr. 30	Steamship Rotterdam.....	Rotterdam.....	477
Do....	Steamship Kaiser Wilhelm II.....	Genoa and Naples.....	900
May 1	Steamship Bolivia.....	Naples.....	1,357
Do....	Steamship La Normandie.....	Havre.....	712
Do....	Steamship Burgundia.....	Marseilles and Naples.....	496
May 2	Steamship Anchoria.....	Glasgow.....	316
Do....	Steamship Friesland.....	Antwerp.....	523
May 3	Steamship Kaiser Wilhelm der Grosse.....	Bremen.....	589
May 4	Steamship H. H. Meier.....	do.....	1,159
Do....	Steamship Auranian.....	Liverpool and Queenstown.....	792
Do....	Steamship Ems.....	Genoa and Naples.....	893
May 5	Steamship Island.....	Copenhagen, etc.....	177
May 6	Steamship Britannic.....	Liverpool and Queenstown.....	938
	Total.....		9,329

THOMAS FITCHIE,
Commissioner.

Report of immigration at Philadelphia for the week ended May 6, 1899.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Philadelphia, May 6, 1899.

Number of alien immigrants who arrived at this port during the week ended May 6, 1899 ; also names of vessels and ports from which they came.

Date.	Vessel.	Where from.	No. of immigrants.
Apr. 30	Steamship Masconomo	London.....	1
Do....	Steamship Manhattan	Liverpool.....	1
May 1	Steamship Avona.....	Rotterdam.....	2
May 3	Steamship Italia.....	Liverpool and Queenstown	261
May 4	Steamship Nederland.....	Antwerp.....	303
Do ...	Steamship Weehawken.....	Hull.....	1
May 6	Steamship Manitoban	Glasgow.....	3
	Total.....		572

JNO. J. S. RODGERS,
Commissioner.

Medical inspection of immigrants at Boston, Mass., for the month of April, 1899.

BOSTON, MASS., *May 1, 1899.*

SIR : I have to make the following report of inspection of immigrants for the month of April, 1899, at this station, viz : Total number inspected, 3,779 ; total rejected, 30.

Respectfully, yours,

FAIRFAX IRWIN,
Surgeon, U. S. M. H. S.

Medical inspection of immigrants at the port of Galveston for the month of April, 1899.

GALVESTON, TEX., *May 1, 1899.*

Date of inspection, April 13 ; name of vessel, steamer *Maria Rickmers* ; port from which she sailed, Bremen ; number of immigrants, 81 ; number rejected, none ; cause of rejection, none.

Respectfully yours,

WILLIAM KEILLER,
Temporary Acting Assistant Surgeon, U. S. M. H. S.

Medical inspection of immigrants at Philadelphia, for the month of April, 1899.

PHILADELPHIA, PA., *May 4, 1899.*

SIR : I have the honor to report that 1,068 alien immigrants were inspected at this port during the month of April, 1899. There were 3 rejections. Fourteen patients of the immigration department were examined during the same time.

Respectfully, yours,

H. W. AUSTIN,
Surgeon, U. S. M. H. S.

Medical inspection of immigrants at Portland, Me., for the month of April, 1899.

PORTLAND, ME., *May 3, 1899.*

SIR: I have the honor to make the following report of foreign vessels boarded and immigrants inspected at this port during the month of April, 1899, viz :

Date.	Ship.	From.	Immigrants.	Held.	Rejected.
Apr. 11	Georgian.....	Liverpool	0	0	0
Do.....	Memmon.....	Avonmouth.....	2	0	0
Do.....	Kildona.....	Newcastle	0	0	0
Apr. 14	Carthaginian.....	Liverpool	15	0	0
Do.....	Hibernian	Glasgow	0	0	0
Apr. 16	Norwegian .....	.....do	0	0	0
Apr. 19	Sheikh.....	Liverpool	0	0	0
Apr. 24	Iona.....	Newcastle	0	0	0
Apr. 26	Arab.....	Liverpool	0	0	0
	Total.....	.....	17	0	0

Respectfully, yours,

F. W. MEAD,
Surgeon U. S. M. H. S.

REPORTS FROM NATIONAL QUARANTINE

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
Alexandria, Va.....	May 6	.....	.....	.....
Beaufort, N. C.....	do.	.....	.....	.....
Brunswick, Ga.....	Apr. 29	Am. sc. John C. Smith.....	Apr. 22	Nuevitas.....
		Am. sc. Clifford I. White.....	Apr. 23	San Juan, Porto Rico.
		Sp. bk. Asuncion.....	Apr. 25	Santos.....
Cape Charles, Va.....	May 6	.....	.....	.....
Cape Fear, N. C.....	do.	Swed. bk. Norden (a).....	Apr. 24	Rio.....
Cienfuegos, Cuba.....	Apr. 29	.....	.....	.....
Delaware Breakwater Quarantine, Del.	do.	.....	.....	.....
	May 6	.....	.....	.....
Eureka, Cal.....	Apr. 22	.....	.....	.....
	Apr. 29	.....	.....	.....
Grays Harbor, Wash.....	do.	.....	.....	.....
Gulf Quarantine, Ship Island, Miss.	do.	Nor. sh. Australia (a).....	Apr. 8	Rio.....
		Nor. bk. Orion (a).....	Apr. 12	Pernambuco.....
		Nor. bk. Nova Scotia (a).....	Apr. 14	Montevideo.....
		Rus. sc. Emma (a).....	Apr. 17	Antigua.....
		Am. sc. Nokomis (a).....	Apr. 18	Port Limon.....
		Am. sc. Ida L. Hull (a).....	Apr. 20	Havana.....
		Am. sc. Hildegard.....	Apr. 24	Caibarien.....
		Am. sc. Starke.....	Apr. 29	Vera Cruz.....
Honolulu, Hawaii.....	Apr. 8	.....	.....	.....
Matanzas, Cuba.....	Apr. 25	.....	.....	.....
Newbern, N. C.....	May 6	.....	.....	.....
Ponce, Porto Rico.....	Apr. 22	.....	.....	.....
Port Townsend, Wash.....	Apr. 29	.....	.....	.....
Reedy Island Quarantine, Del.....	May 6	.....	.....	.....
San Diego, Cal.....	Apr. 29	.....	.....	.....
San Francisco, Cal.....	do.	.....	.....	.....
San Juan, Porto Rico.....	Apr. 22	.....	.....	.....
Santiago de Cuba.....	do.	.....	.....	.....
	
	
Savannah, Ga.....	Apr. 29	U. S. transport Thomas (a)	Apr. 17	Havana via Cienfuegos.
		U. S. transport Dixie (a).....	Apr. 21	Havana.....
		U. S. transport Sedgwick.....	Apr. 29	Cienfuegos.....
	May 6	do.....	do.	do.
		Am. bk. Nora.....	May 2	Nuevitas.....
		Am. tug Dauntless.....	do.	do.
		Nor. bg. Alexander.....	May 6	Pernambuco.....
		Am. sc. W. H. Shubert.....	do.	Sagua la Grande
South Atlantic Quarantine, Blackbeard Island, Ga.	do.	U. S. transport Dixie.....	Apr. 23	Havana.....
		U. S. transport Sedgwick.....	Apr. 28	Cienfuegos via Savannah.
Tortugas Quarantine, Key West, Fla.	Apr. 22	Sp. ss. Vivina (a).....	Apr. 21	Cienfuegos.....
Washington, N. C.....	May 6	Am. sc. Irene (a).....	do.	Havana.....

a Previously reported.

AND INSPECTION STATIONS.

Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
			No transactions.....	
			No report.....	
St. Simons.....	Disinfected and held.....	Apr. 26		4
Satilla River.....	do.....	Apr. 28		
Brunswick.....	Held for disinfection.....			8
Wilmington.....	Disinfected and passed.....	May 2		1
				5
			159 steerage passengers on ss. Aragonia, from Antwerp, discharged April 25; 19 of crew held for observation; treatment of vessel previously reported; smallpox.	4
			No transactions.....	
			do.....	
Ship Island.....	Disinfected and held.....	Apr. 24		3
do.....	do.....	Apr. 26		
do.....	do.....	Apr. 29		
Pascagoula.....	do.....	Apr. 25		
do.....	do.....	Apr. 24		
Ship Island.....	do.....	Apr. 26		
Pascagoula.....	do.....			
Scranton.....	do.....		Am. sc. Eleanor inspected and passed. Fumigated in Havana.	
			No report.....	6
			No transactions.....	
			No report.....	5
				23
				2
			No report.....	8
				16
			1 case continued fever on Buford; steerage passengers not allowed on shore; captain of Mortera died of yellow fever at Havana. Vessel disinfected by Surgeon Carter.	
Savannah.....	Soldiers detained five days after disinfection of baggage, etc.; vessel remanded to Sapelo for disinfection.	Apr. 25		6
do.....	do.....	Apr. 29		
do.....	do.....			
do.....	do.....	May 3		2
Savannah.....	Crew and passengers sent to Daufuskia Island for five days detention; vessel disinfected and released.	May 5		
do.....	Disinfected and held.....			
do.....	Held for disinfection.....			
do.....	do.....			
do.....	Disinfected and held.....	Apr. 29		3
do.....	do.....			
			Am. sc. Ann Louisa Lockwood disinfected by U. S. M. H. S. at Havana, seven and one-half days out; all well.	
Punta Gorda.....	Disinfected.....	Apr. 26		
Key West.....	do.....	Apr. 27		
			No transactions.....	

REPORTS FROM STATE AND

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
Anclote, Fla.....	May 6	.....	.....	.....
Baltimore, Md.....	do.....	.....	.....	.....
Bangor, Me.....	do.....	.....	.....	.....
Boca Grande, Fla.....	Apr. 29	.....	.....	.....
Cedar Keys, Fla.....	do.....	.....	.....	.....
Charleston, S. C.....	May 6	.....	.....	.....
Elizabeth River, Va.....	do.....	Tug Philadelphia.....	May 5	Cape Charles.....
Galveston, Tex.....	do.....	Br. ss. Moonstone.....	May 2	Trinidad.....
		Nor. ss. Iberia.....	May 5	Bocas del Toro.....
		Nor. ss. Truma.....	May 4	Havana.....
Gardiner, Oreg.....	Apr. 29	.....	.....	.....
Georgetown, S. C.....	May 6	.....	.....	.....
Key West, Monroe County, Fla.....	do.....	.....	.....	.....
Los Angeles, Cal.....	Apr. 29	.....	.....	.....
Mayport, Fla.....	May 6	.....	.....	.....
Mobile, Ala.....	Apr. 29	Sc. Monhegan (a).....	Apr. 20	Caibarien.....
		Rus. sc. Mateus (a).....	Apr. 21	Demerara.....
		Br. ss. Tyrian.....	Apr. 24	Santiago de Cuba.....
		Br. sc. Arecuna.....	Apr. 26	Tampico.....
	May 6.....	Br. ss. Tyrian (a).....	Apr. 24	Santiago via Cienfuegos.....
		Br. ss. Widdrington.....	May 1.....	Havana.....
		Rus. sc. Marta Maria.....	May 1.....	Porto Cabello.....
		Nor. ss. Ella.....	May 1.....	Vera Cruz, Coatzacoalcos, and Progreso.....
		Br. sc. Georgiana.....	May 1.....	Grand Cayman, W. I.....
New Bedford, Mass.....	Apr. 29	.....	.....	.....
	May 6	.....	.....	.....
New Orleans, La.....	do.....	.....	.....	.....
Newport News, Va.....	do.....	.....	.....	.....
Newport, R. I.....	do.....	.....	.....	.....
New York, N. Y.....	do.....	.....	.....	.....
Pass Cavallo, Tex.....	do.....	.....	.....	.....
Providence, R. I.....	do.....	.....	.....	.....
Round Island, Miss.....	do.....	.....	.....	.....
St. Helens Entrance, S. C.....	do.....	.....	.....	.....
San Pedro, Cal.....	do.....	.....	.....	.....
Tampa Bay, Fla.....	do.....	.....	.....	.....

a Previously reported.

MUNICIPAL QUARANTINE STATIONS.

Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
			No report.....	22
			No report.....	
			do.....	
			do.....	
Norfolk	Disinfected with formaldehyd; bedding, etc., burned; crew vaccinated.	May- 6	1 case of smallpox; sent to pesthouse.	12
Galveston.....	Fumigated.....	do.....		9
do.....	Dunnage and effects treated	May 5		
do.....	Fumigated and held.....		No report.....	
			do.....	14
			No transactions.....	
			No report.....	14
Mobile.....	Disinfected and held.....	Apr. 25		
do.....	Disinfected and held; ballast discharged.	Apr. 28		
do.....	Disinfected and held.....			
do.....	do.....	Apr. 29		
do.....	do.....	Apr. 30		18
do.....	Detained 2 days to complete 5 days' disinfection at Havana.	May 3...		
do.....	Ballast discharged. Vessel disinfected and held.			
do.....	Disinfected and held.....			
do.....	do.....	May 5...		
				1
				3
			No report.....	
			No report.....	10
			do.....	
			do.....	1
				1
				1
			No report.....	
			do.....	

Reports of States and yearly and monthly reports of cities of the United States.

CALIFORNIA—*Sacramento*.—Month of April, 1899. Estimated population, 30,000. Total number of deaths, 31, including whooping cough, 1, and 6 from phthisis pulmonalis.

CONNECTICUT—*Hartford*.—Month of April, 1899. Estimated population, 74,000. Total number of deaths, 103, including la grippe, 3; measles, 1; whooping cough, 1, and 15 from phthisis pulmonalis.

Westport.—Month of April, 1899. Estimated population, 4,000. Total number of deaths, 7, including 1 from phthisis pulmonalis.

GEORGIA—*Columbus*.—Month of April, 1899. Estimated population, 19,303; white, 10,276; colored, 9,027. Total number of deaths, 26; white, 9; colored, 17, including la grippe, 2, and 3 from phthisis pulmonalis.

ILLINOIS—*Chicago*.—During the week ended April 29, 1899, 6 certificates of death were returned to the office of the commissioner of health giving influenza and its complications as the cause thereof, viz, 1 to uncomplicated influenza, 5 to influenza as the cause, complicated with some other affection, also 16 giving diphtheria as the cause, 60 cases being reported, and 6 giving scarlet fever as the cause, 98 cases being reported.

Ottawa.—Month of April, 1899. Estimated population, 12,000. Total number of deaths, 18, including 2 from phthisis pulmonalis.

Springfield.—Month of April, 1899. Estimated population, 35,000. Total number of deaths, 49, including enteric fever 2, and 7 from phthisis pulmonalis.

IOWA—*Dubuque*.—Month of February, 1899. Estimated population, 45,000. Total number of deaths, 42, including 5 from phthisis pulmonalis.

Month of March. Total number of deaths, 50, including diphtheria, 1; enteric fever, 1, and 5 from phthisis pulmonalis.

MARYLAND—*Baltimore*.—Month of February, 1899. Estimated population, 541,000; white, 463,000; colored, 78,000. Total number of deaths, 895; white, 669; colored, 226, including diphtheria, 30; enteric fever, 6; influenza, 40; measles, 1; scarlet fever, 7, and 109 from phthisis pulmonalis.

MASSACHUSETTS—*Holyoke*.—Month of April, 1899. Estimated population, 44,982. Total number of deaths, 51, including enteric fever, 1, and 8 from phthisis pulmonalis.

Newton.—Month of April, 1899. Estimated population, 27,590. Total number of deaths, 32, including 2 from phthisis pulmonalis.

MICHIGAN.—Reports to the State board of health, Lansing, for the week ended April 29, 1899, from 86 observers, indicate that measles increased, and pneumonia, pleuritis, and erysipelas decreased in area of prevalence.

Phthisis pulmonalis was reported present at 150, measles at 74, scar-

let fever at 45, enteric fever at 22, whooping cough at 19, diphtheria at 13, and smallpox at 2 places—Benton Harbor and Kalamazoo Township.

MISSOURI—*St. Louis*.—Month of March, 1899. Estimated population, 623,000; white, 587,000; colored, 36,000. Total number of deaths, 986; white, 854; colored, 132, including diphtheria, 21; enteric fever, 4; measles, 1; scarlet fever, 3; smallpox, 2; whooping cough, 10; la grippe, 14, and 118 from phthisis pulmonalis.

Year 1898. Total number of deaths, 8,908; white, 7,915; colored, 993, including diphtheria, 203; enteric fever, 95; measles, 21; scarlet fever, 28; whooping cough, 29; la grippe, 35, and 1,001 from phthisis pulmonalis.

NEW HAMPSHIRE—*Concord*.—Month of April, 1899. Estimated population, 18,000. Total number of deaths, 28, including 3 from phthisis pulmonalis.

NEW JERSEY—*Hudson County*.—Month of March, 1899. Estimated population, 384,784. Total number of deaths, 530, including diphtheria, 13; enteric fever, 2; scarlet fever; 2, la grippe, 3, and 76 from phthisis pulmonalis.

PENNSYLVANIA—*Meadville*.—Two months ended April 30, 1899. Estimated population, 12,000. Total number of deaths, 29, including enteric fever, 2; scarlet fever, 1; whooping cough, 1, and 5 from phthisis pulmonalis.

TENNESSEE—*Chattanooga*.—Month of April, 1899. Estimated population 40,000; white, 27,000; colored, 13,000. Total number of deaths, 62; white, 32; colored, 30, including enteric fever, 1; la grippe, 1, and 1 from phthisis pulmonalis.

TEXAS—*San Antonio*.—Month of April, 1899. Estimated population, 63,000. Total number of deaths, 131, including diphtheria, 1; measles, 2; cerebro-spinal meningitis, 4, and 32 from phthisis pulmonalis, mostly nonresidents.

MORTALITY TABLE, CITIES OF THE UNITED STATES—Continued.

Cities.	Week ended.	Population U. S. census of 1890.	Total deaths from all causes.	Deaths from—														
				Pneumonia.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.				
North Adams, Mass.....	May 6....	16, 074	8	2														
Oneonta, N. Y.....	do.....	6, 272	1	1														
Ottumwa, Ind.....	Apr. 6....	14, 001	3															
Do.....	Apr. 13....	14, 001	4															
Do.....	Apr. 20....	14, 001	6															
Do.....	Apr. 27....	14, 001	1															
Pawtucket, R. I.....	Apr. 29....	27, 633	11	1														
Do.....	May 6....	27, 633	9	1														
Petersburg, Va.....	May 7....	22, 680	6	1														
Philadelphia, Pa.....	May 6....	1, 046, 964	477	59						26	2	14					1	
Pittsburg, Pa.....	Apr. 29....	238, 617	104	3								1	2					
Do.....	May 6....	238, 617	97	8						3	1	1					1	
Pittsfield, Mass.....	do.....	17, 281	4	1														
Pittston, Pa.....	do.....	10, 302	3															
Plainfield, N. J.....	do.....	11, 267	5	1														
Pottstown, Pa.....	Apr. 29....	13, 285	6															
Providence, R. I.....	May 6....	132, 146	54	6							1	3	1				1	
Salt Lake City, Utah.....	do.....	44, 843	12	1							1							
San Diego, Cal.....	Apr. 30....	16, 159	4															
San Jose, Cal.....	Apr. 29....	18, 060	9	3														
Santa Barbara, Cal.....	Apr. 22....	5, 864	4	1														
Do.....	Apr. 29....	5, 864	5	1						1								
Scranton, Pa.....	May 6....	75, 215	34									1						
Shreveport, La.....	Apr. 29....	11, 979	6															
Somerville, Mass.....	May 6....	40, 152	16	1														
Do.....	Apr. 29....	40, 152	28	1									1					
Spokane, Wash.....	do.....	19, 922	9									1					1	
Steelton, Pa.....	Apr. 22....	9, 250	5															
Do.....	Apr. 29....	9, 250	1							1								
Do.....	May 6....	9, 250	3	1														
Tacoma, Wash.....	Apr. 29....	36, 006	7	1								1						
Taunton, Mass.....	do.....	25, 448	14															
Do.....	May 6....	25, 448	22	2							1							
Waltham, Mass.....	do.....	18, 707	3															
Warren, Ohio.....	do.....	5, 973	5															
Washington, D. C.....	Apr. 29....	230, 392	99	16						3		1						
Wheeling, W. Va.....	do.....	35, 013	13							1								
Wichita, Kans.....	May 6....	23, 853	8							1								
Wilmington, Del.....	do.....	61, 431	17	2								2						
Winona, Minn.....	Apr. 29....	18, 201	9															
Woburn, Mass.....	Apr. 1....	13, 499	12	1														
Do.....	Apr. 8....	13, 499	8															
Do.....	Apr. 15....	13, 499	3															
Do.....	Apr. 22....	13, 499	5	1														
Do.....	Apr. 29....	13, 499	7	2														
Do.....	May 6....	13, 499	3	1														
Worcester, Mass.....	Apr. 23....	84, 655	25	3														
Youngstown, Ohio.....	May 6....	33, 220	13	1								1						

Table of temperature and rainfall, week ended May 12, 1899.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
Atlantic Coast:						
Eastport, Me.....	44	4		.82		.02
Portland, Me.....	50	4		.77		.57
Northfield, Vt.....	52	0		.63		.23
Boston, Mass.....	52	6		.84		.44
Vineyard Haven, Mass.....	53	1		.70		.60
Nantucket, Mass.....	50	0		.84		.84
Woods Hole, Mass.....	50	0		.83		.83
Block Island, R. I.....	49	1		.87		.87
New Haven, Conn.....	54	6		.84		.14
Albany, N. Y.....	55	7		.70	.10	
New York, N. Y.....	55	5		.77		.47
Harrisburg, Pa.....	57	7		1.01		.81
Philadelphia, Pa.....	58	6		.70		.70
New Brunswick, N. J.....	57	7		.82		.12
Atlantic City, N. J.....	53	3		.66		.66
Baltimore, Md.....	61	5		.84		.04
Washington, D. C.....	61	4		.83		.50
Lynchburg, Va.....	63	3		.84	.26	
Cape Henry, Va.....	61	1		.94		.63
Norfolk, Va.....	63	1		.93		.53
Charlotte, N. C.....	67	3		.92	.88	
Raleigh, N. C.....	67	3		1.07	.83	
Kittyhawk, N. C.....	62	0		.89		.59
Hatteras, N. C.....	64	2		1.05		.75
Wilmington, N. C.....	68	0		.85	1.35	
Columbia, S. C.....	69	5		.80		.60
Charleston, S. C.....	70	4		.84		.64
Augusta, Ga.....	70	4		.74		.64
Savannah, Ga.....	71	3		.48		.28
Jacksonville, Fla.....	73	3		.77		.77
Jupiter, Fla.....	75	1		1.03		1.03
Key West, Fla.....	78		2	.49		.39
Gulf States:						
Atlanta, Ga.....	67	7		.73		.53
Tampa, Fla.....	74	2		.45		.15
Pensacola, Fla.....	72	4		.63		.63
Mobile, Ala.....	71	3		.91		.91
Montgomery, Ala.....	70	8		.94		.94
Vicksburg, Miss.....	70	6		1.19		1.19
New Orleans, La.....	72	6		1.09		1.09
Shreveport, La.....	70	6		1.02		1.02
Fort Smith, Ark.....	67	3		1.12	4.68	
Little Rock, Ark.....	68	3		1.27		.37
Palestine, Tex.....	70	4		1.29		.79
Galveston, Tex.....	73	1		.73		.73
San Antonio, Tex.....	73	1		.77		.57
Corpus Christi, Tex.....	75	1		.63		.63
Ohio Valley and Tennessee:						
Memphis, Tenn.....	67	5		1.15	.25	
Nashville, Tenn.....	66	8		.91	.79	
Chattanooga, Tenn.....	67	7		.94		.74
Knoxville, Tenn.....	64	8		.95	.45	
Louisville, Ky.....	63	7		.88		.08
Indianapolis, Ind.....	60	6		.91	.29	
Cincinnati, Ohio.....	61	9		.77	.23	
Columbus, Ohio.....	61	7		.93	.07	
Parkersburg, W. Va.....	61	9		.84	.36	
Pittsburg, Pa.....	60	8		.77		.57
Lake Region:						
Oswego, N. Y.....	50	6		.56		.46
Rochester, N. Y.....	52	8		.71		.61
Buffalo, N. Y.....	50	8		.74		.44
Erie, Pa.....	53	3		.81	.79	
Cleveland, Ohio.....	54	6		.70		.40
Sandusky, Ohio.....	56	4		.70	.10	
Toledo, Ohio.....	56	6		.74	.16	
Detroit, Mich.....	54	8		.73		.13
Lansing, Mich.....	55	7		.63		.43
Port Huron, Mich.....	50	8		.74		.44
Alpena, Mich.....	45	7		.75		.35
Sault Ste. Marie, Mich.....	46	4		.49		.29
Marquette, Mich.....	45	5		.57		.27
Green Bay, Wis.....	52	6		.74		.34

a The figures in these columns represent the average daily departure.

Table of temperature and rainfall, week ended May 12, 1899—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	α Excess.	α Deficiency.	Normal.	Excess.	Deficiency.
Lake Region—Continued.						
Grand Haven, Mich.....	51	9	.....	.70	.....	.60
Milwaukee, Wis.....	49	7	.....	.77	.....	.27
Chicago, Ill.....	53	5	.....	.83	.57	.....
Duluth, Minn.....	45	.....	0	.70	.....	.30
Upper Mississippi Valley:						
St. Paul, Minn.....	53	5	.....	.70	.....	.50
La Crosse, Wis.....	55	5	.....	.66	.04	.....
Dubuque, Iowa.....	56	4	.....	.77	.23	.....
Davenport, Iowa.....	56	8	.....	.88	.....	.28
Des Moines, Iowa.....	58	2	.....	.95	.35	.....
Keokuk, Iowa.....	59	7	.....	.91	3.09	.....
Hannibal, Mo.....	59	7	.....	.90	.40	.....
Springfield, Ill.....	61	5	.....	1.06	1.14	.....
Cairo, Ill.....	64	6	.....	.80	1.10	.....
St. Louis, Mo.....	63	7	.....	.98	.62	.....
Missouri Valley:						
Columbia, Mo.....	60	6	.....	1.29	.....	.89
Springfield, Mo.....	63	1	.....	1.34	1.16	.....
Kansas City, Mo.....	61	5	.....	.96	.....	.66
Topeka, Kans.....	61	3	.....	1.20	.....	.60
Wichita, Kans.....	64	.....	2	.73	.47	.....
Concordia, Kans.....	60	2	.....	.77	.....	.57
Lincoln, Nebr.....	58	2	.....	.85	.....	.25
Omaha, Nebr.....	57	3	.....	.91	.69	.....
Sioux City, Iowa.....	55	1	.....	.77	.08	.....
Yankton, S. Dak.....	53	3	.....	.91	.59	.....
Valentine, Nebr.....	51	.....	1	.63	.....	.43
Huron, S. Dak.....	52	.....	0	.67	.55	.....
Pierre, S. Dak.....	52	.....	0	.49	.51	.....
Moorhead, Minn.....	50	.....	0	.56	.....	.16
Bismarck, N. Dak.....	50	.....	4	.56	1.44	.....
Williston, N. Dak.....	50	.....	8	.42	.08	.....
Rocky Mountain Region:						
Havre, Mont.....	49	.....	15	.28	3.02	.....
Helena, Mont.....	48	.....	6	.28	.....	.18
Miles City, Mont.....	53	.....	7	.42	.38	.....
Rapid City, S. Dak.....	50	.....	2	.70	.....	.20
Spokane, Wash.....	53	.....	3	.28	.....	.28
Wallawalla, Wash.....	57	.....	3	.42	.....	.32
Baker City, Oreg.....	51	.....	5	.42	.28	.....
Winnemucca, Nev.....	51	.....	7	.23	.17	.....
Idaho Falls, Idaho.....	49	.....	7	.28	.02	.....
Salt Lake City, Utah.....	55	.....	9	.42	.28	.....
Ladder, Wyo.....	48	.....	6	.70	.....	.30
Cheyenne, Wyo.....	47	.....	5	.49	.....	.29
North Platte, Nebr.....	55	.....	1	.56	.14	.....
Denver, Colo.....	54	.....	6	.67	.....	.57
Pueblo, Colo.....	58	.....	8	.46	.....	.46
Dodge City, Kans.....	60	.....	0	.60	.....	.50
Oklahoma, Okla.....	65	.....	1	1.03	7.07	.....
Amarillo, Tex.....	61	.....	3	.37	1.03	.....
Abilene, Tex.....	72	.....	0	.77	.23	.....
Santa Fe, N. Mex.....	53	.....	5	.21	.....	.21
El Paso, Tex.....	70	.....	6	.07	.....	.07
Phoenix, Ariz.....	72	.....	10	.07	.....	.07
Pacific Coast:						
Seattle, Wash.....	53	.....	1	.59	.....	.37
Tacoma, Wash.....	53	.....	1	.67	.....	.47
Fort Canby, Wash.....	50	.....	2	.86	.04	.....
Portland, Oreg.....	55	.....	3	.56	.....	.36
Roseburg, Oreg.....	55	.....	1	.49	.....	.19
Eureka, Cal.....	52	.....	4	.77	.....	.67
Redbluff, Cal.....	63	.....	1	.37	.....	.37
Carson City, Nev.....	53	.....	7	.14	.16	.....
Sacramento, Cal.....	61	.....	3	.32	.....	.32
San Francisco, Cal.....	56	.....	4	.27	.....	.27
Fresno, Cal.....	64	.....	4	.11	.....	.11
San Luis Obispo, Cal.....	58	.....	4	.07	.....	.07
Los Angeles, Cal.....	61	.....	3	.14	.....	.14
San Diego, Cal.....	59	.....	3	.14	.....	.04
Yuma, Ariz.....	75	.....	11	.03	.....	.03

α 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, plague, and smallpox as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 31, 1898, to May 12, 1899.

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
India:				
Bombay.....	Dec. 20-Apr. 4.....	.....	3	
Calcutta.....	Nov. 26-Mar. 25.....	.....	412	
Madras.....	Nov. 19-Feb. 24.....	.....	29	
Singapore.....	Dec. 1-Dec. 30.....	.....	1	

YELLOW FEVER.

Brazil:				
Bahia.....	Dec. 24-Apr. 15.....	41	17	Yellow fever epidemic.
Itú.....	Mar. 21.....	.....	.....
Rio de Janeiro.....	Nov. 11-Mar. 30.....	.....	372	
Colombia:				
Barranquilla.....	Dec. 2-Mar. 4.....	8	8	
Cuba:				
Guantanamo.....	Apr. 22.....	1	.....	On barkentine St. Paul.
Havana.....	Dec. 16-Apr. 13.....	.....	9	Removed from S. S. "North Anglia."
	Apr. 13.....	2	.....
Matanzas.....	Mar. 16-Mar. 30.....	2	.....	One in United States Army.
Mexico:				
Tampico.....	Apr. 20.....	1	0	
Vera Cruz.....	Dec. 8-Apr. 27.....	.....	48	

PLAGUE.

Arabia:				
Aden.....	Apr. 7.....	1	.....	On steamship Caledonia.
Djiddah.....	Feb. 22-Mar. 31.....	.....	51	
China:				
Hongkong.....	Dec. 10-Jan. 21.....	2	2	Outbreak of plague reported.
	Mar. 8-Mar. 25.....	21	18	
	Apr. 11.....	.....	.....
Formosa:				
Taichu.....	Jan. 12-Jan. 18.....	1	.....	Plague exists.
Tainan.....	Jan. 9-Jan. 18.....	24	17	
Taipeh.....	Dec. 25.....	10	2	
Taiwan.....	Dec. 31.....	.....	.....
Tamsui.....	Jan. 1-Mar. 10.....	.....	125	
India:				
Bombay.....	Nov. 22-Apr. 4.....	.....	3,395	
Calcutta.....	Jan. 21-Mar. 25.....	.....	351	
Madras.....	Mar. 18-Mar. 24.....	.....	2	
Madagascar:				
Tamatave.....	Nov. 26-Feb. 8.....	309	210	
Mauritius:				
Port Louis.....	Jan. 25.....	1	1	

SMALLPOX.

Africa:				
Lorenzo Marquez.....	Dec. 1-Dec. 24.....	18	.....
Argentina:				
Buenos Ayres.....	Nov. 1-Nov. 30.....	.....	5	
Belgium:				
Antwerp.....	Dec. 3-Jan. 7.....	41	14	
Ghent.....	Mar. 25-Apr. 8.....	.....	2	
Brazil:				
Bahia.....	Nov. 19-Apr. 15.....	172	12	
Rio de Janeiro.....	Nov. 11-Mar. 30.....	145	88	

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Canada:				
Ontario:				
Coburg County.....	Jan. 30-Feb. 22...	1	.....
Dundos County.....	Jan. 30-Feb. 22...	1	1	
Dunham County.....	Jan. 30-Feb. 22...	1	.....
Essex County.....	Jan. 30-Feb. 22...	1	.....
Grenorth County.....	Jan. 30-Feb. 22...	5	1	
Kent County.....	Jan. 30-Feb. 22...	3	.....
Northumberland County.....	Jan. 30-Feb. 22...	1	.....
Prescott County.....	Jan. 30-Feb. 22...	15	3	
Stormont County.....	Jan. 30-Feb. 22...	11	1	
York County.....	Jan. 30-Feb. 22...	3	.....
Province of Quebec.....	Jan. 26-Apr. 21...	14	1	
China:				
Fuchou.....	Feb. 25.....	.....	.....	Smallpox prevalent.
Hongkong.....	Jan. 1-Mar. 25...	27	12	
Ceylon:				
Colombo.....	Dec. 24-Dec. 31...	.....	1	
Colombia:				
Baranquilla.....	Mar. 25-Apr. 15...	8	.....
Cuba:				
Havana.....	Dec. 30.....	1	.....	In United States Army.
Santiago.....	Apr. 14-Apr. 20...	.....	1	
	Feb. 23-Mar. 21...	2	.....	On steamship Thomas Brooks.
	Apr. 8-Apr. 15...	4	.....
Egypt:				
Cairo.....	Jan. 16-Apr. 8...	.....	5	
England:				
Liverpool.....	Dec. 3-Mar. 18...	3	1	
London.....	Dec. 17-Apr. 15...	12	1	
South Shields.....	Jan. 21-Jan. 28...	1	.....
Sunderland.....	Jan. 15-Jan. 21...	2	.....
Formosa.....	Feb. 10-Mar. 10...	.....	2	
France:				
Paris.....	Dec. 24-Feb. 11...	.....	3	
Germany:				
Hamburg.....	Apr. 8-Apr. 15...	2	.....
Gibraltar:				
Gibraltar.....	Jan. 30-Feb. 12...	2	1	
Greece:				
Athens.....	Mar. 11-Apr. 22...	131	67	
India:				
Bombay.....	Nov. 22-Apr. 4...	.....	34	
Calcutta.....	Nov. 19-Mar. 25...	.....	19	
Colombo.....	Dec. 24-Dec. 31...	.....	1	
Madras.....	Nov. 26-Mar. 8...	.....	6	
Singapore.....	Dec. 1-Jan. 31...	.....	22	
Italy:				
Milan.....	Jan. 22-Jan. 28...	1	.....
Japan:				
Awomori Ken.....	Nov. 18-Dec. 31...	126	28	
Chiba Ken.....	Dec. 9-Dec. 31...	1	.....
Hiogo Ken.....	Nov. 18-Dec. 8...	1	.....
Iwate Ken.....	Dec. 9-Dec. 31...	1	.....
Kanagawa Ken.....	Nov. 18-Dec. 8...	1	.....
Nagano Ken.....	Dec. 9-Dec. 31...	1	.....
Nagasaki Ken.....	Nov. 18-Dec. 8...	3	.....
Oosaka and Hiogo.....	Mar. 4-Mar. 11...	2	.....
The Hokkaido.....	Nov. 18-Dec. 8...	8	.....
Tottori Ken.....	Nov. 18-Dec. 8...	3	.....
Korea:				
Seoul.....	Jan. 1-Mar. 25...	.....	.....	Smallpox endemic.
Madagascar:				
Tamatave.....	Jan. 18-Jan. 25...	8	.....
Tananarivo.....	Nov. 26-Jan. 18...	123	6	
Mexico:				
C. P. Diaz.....	Jan. 10.....	.....	.....	Do.
	Feb. 11-Feb. 25...	10	.....
Chihuahua.....	Jan. 7-Apr. 22...	.....	13	
City of Mexico.....	Dec. 31-Apr. 23...	.....	33	
Fuente.....	Apr. 11.....	2	.....
Guerrero.....	Mar. 13.....	2	.....
Juarez.....	Feb. 18.....	15	.....
Monterey.....	Dec. 2-Jan. 5...	.....	3	
Nuevo Laredo.....	Jan. 29-Apr. 29...	11	3	
Vera Cruz.....	Jan. 5-Apr. 27...	.....	6	
Nicaragua:				
Bluefields.....	Apr. 18.....	1	.....

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Russia:				
Moscow.....	Dec. 24-Apr. 8...	142	49	
Odessa.....	Jan. 7-Apr. 15...	29	5	
St. Petersburg.....	Jan. 1-Apr. 15...	101	19	
Warsaw.....	Jan. 16-Apr. 15...		27	
Turkey:				
Bagdad.....	Oct. 22-Nov. 27...	96	20	
Constantinople.....	Jan. 2-Apr. 10...		146	
Rhodes.....	Apr. 17.....	1		
Smyrna.....	Dec. 25-Apr. 15...		1	
Uruguay;				
Montevideo.....	Mar. 1-Mar. 18...		1	

Current quarantine measures.

[Translated in this Bureau from the Veröffentlichungen des Kaiserlichen Gesundheitsamtes, Berlin, April 12, 1899.]

PLAGUE.

BRITISH EAST INDIES.—On account of the increase in the number of plague deaths (January 15, 13 deaths; February 1–24, 27 deaths) the Government of Bengal, under date of February 4, issued a proclamation putting in force the preventive measures of November 10, 1897, which were declared out of force October 10, 1898. These measures comprise supervision, free medical inspection and medical treatment, disinfection, and reimbursement for articles destroyed, such as clothing, bed clothing, etc., and the strengthening of the city police and the medical personnel, together with precautions against the transportation of plague on vessels.

DUTCH EAST AFRICA.—Under date of December 6, 1898, the governor issued the following circular to all coast stations:

Plague having been declared present at Tamatave, Madagascar, all arrivals from Madagascar are subject to medical supervision. If twenty-four hours have elapsed since departure from the last port, and during that time no case of sickness and no death has occurred on board, the vessel may, without further preliminary, be allowed pratique.

The Government shall be telegraphically informed of any suspicious case, and until instructions be received all communication between the suspected vessel and the land is prohibited.

SMALLPOX.

AUSTRIA.—The lord lieutenants of the coast provinces have received the following notice:

The Government having been informed of the existence of smallpox in several localities in Greece, and that the Italian Government has instituted quarantine measures in consequence, you are directed to take special oversight of the sanitary condition of all persons arriving from Greece and to act promptly in case of the importation of a smallpox case.

ARABIA.

United States consul at Aden notes as follows under date of April 12: On the 5th instant the *Caledonia* reached here from Bombay and the 7th

instant a case of plague appeared on board. The case was that of a cook, who was immediately landed on the cholera island and at last accounts was doing well. No apprehension of further cases. The *Caledonia* is a P. and O. mail steamer plying between Aden and Bombay. It is also said there are a few cases of smallpox among the lower classes of the natives, but there is no published official report as yet.

BRAZIL.

*Sanitary report from Rio de Janeiro.*RIO DE JANEIRO, *April 12, 1899.*

SIR: I have the honor to transmit to you the official report for the week ended March 30.

There were 367 deaths from all causes, a decrease of 45 as compared with the foregoing week; 27 deaths from *accessio pernicioso*, a decrease of 12; 32 deaths from yellow fever, a decrease of 7; 4 deaths from smallpox, a decrease of 1; 4 deaths from typhoid fever, an increase of 2; no deaths from measles and influenza; 9 deaths from beriberi, an increase of 4, and 50 deaths from tuberculosis, an increase of 14.

From the state of Sao Paulo I can give you some official data concerning the sanitary conditions during the month of January. The total number of deaths was 3,499, a decrease of 654, as compared with the month of December. From tuberculosis there died 148 persons, a decrease of 48, and from malarial fever, 117 persons, a decrease of 9; from typhoid fever there died 49 persons (17 at the city of Sao Paulo), a decrease of 3; from yellow fever, only 1 (at Campinas), the same as before; from smallpox, 3 (at the city of Sao Paulo), a decrease of 8.

In regard to other infectious diseases, there were in the state of Sao Paulo 21 deaths from measles (5 at Santos and 9 at Espirito Santo do Pinhal), 5 deaths from diphtheria, 44 deaths from whooping cough, 4 deaths from erysipelas, 30 deaths from dysentery, 4 deaths from septicæmia, 19 deaths from influenza, 7 deaths from leprosy, and 4 deaths from cholera.

Since last report the following-named ships have been inspected and received bills of health of this office: April 5, bark *Bella Formigosa*, Portuguese, for Brunswick. April 6, steamship *Taormina*, German, for New York. April 7, barkentine *Frances*, American, for Baltimore; bark *Lancefield*, British, for Pensacola. April 12, steamship *Bellano*, British, for New York.

Respectfully, yours,

W. HAVELBURG,

Sanitary Inspector, U. S. M. H. S.

The SUPERVISING SURGEON-GENERAL,
U. S. Marine-Hospital Service.

COLOMBIA.

*Sanitary report from Bocas del Toro.*BOCAS DEL TORO, *Colombia, April 24, 1899.*

SIR: I have the honor to submit report for the week ended Saturday, April 22, 1899. The following steamships have cleared and sailed for ports in the United States during the week: April 21, *Colombia*, Berg, 18 crew, for Mobile, 9 passengers; *Baracoa*, Wolden, 17 crew, for

Mobile, no passengers; April 22, *España*, Danielson, 14 crew, for New Orleans, no passengers. The health of the port and the surrounding country continues good. A few cases of malarial fever, of the intermittent type, have come under notice. According to such information as I can gather, there is much less malaria prevailing than during the same season last year. But 1 death has occurred during the week, and that was from snake poisoning.

There are a number of unqualified individuals practicing medicine, among the lower classes here, from whom it is impossible to obtain information regarding cases in their hands, especially as they are not required to report deaths. I have, however, enlisted the kind offices of a prominent member of the clergy to assist me in the collection of mortuary statistics.

There has been considerable traffic with Colon during the week, four sloops or schooners having arrived from that place, each bringing five or six passengers, mostly Chinese and Jamaicans. I have sought the cooperation of the port physician to keep a close watch on this traffic.

I have not as yet been in the lagoons, but I am awaiting a favorable opportunity to make the round and inspect the many points at which the steamers take on fruit. The close arrivals and departures of the vessels have thus far prevented me.

Very respectfully,

H. B. MOHR,

Acting Assistant Surgeon, U. S. M. H. S.

The SUPERVISING SURGEON-GENERAL,

U. S. Marine-Hospital Service.

BOCAS DEL TORO, COLOMBIA, *April 28, 1899.*

SIR: I have the honor to submit report for the week ended Friday, April 28, 1899.

The following steamships have cleared and sailed from this port during the week: April 27, steamship *Yumuri*, Boc, master, 16 crew, for Mobile; 5 passengers from Middleborough, England, to Mobile. April 28, steamship *Iberia*, Jacobsen, master, for Galveston.

The sanitary conditions of this port and the surrounding country continue favorable. Frequent showers of rain have kept the air cool, and replenished the supply of drinking water. Local physicians report very little sickness among the Jamaicans and natives. Among the foreigners resident here there is at present no sickness. Three deaths have come to knowledge since my last report.

Very respectfully,

H. B. MOHR,

Acting Assistant Surgeon, U. S. M. H. S.

The SUPERVISING SURGEON-GENERAL,

U. S. Marine-Hospital Service.

COSTA RICA.

Sanitary report from Port Limon.

LIMON, COSTA RICA, *April 24, 1899.*

SIR: I have the honor to inform you that the health conditions of this port (Limon), and also of the vicinity, remain satisfactory. There is no suspicion of the existence of either contagious or infectious disease.

There are two hospitals in the town of Limon. The Hospital de Caridad (charity) has at this date 13 patients, of whom 8 are white, and

with the exception of 1 case, a quotidian type of fever, all are chronic medical cases, varied in their nature. The remaining 5 cases are purely surgical. In the Costa Rica Railway Hospital, Limon, are 6 patients, all of the negro race; 5 of them having mild forms of malarial fever, the remaining 1 being a surgical case.

The mortuary record (official) of the town and department of Limon, Costa Rica, from April 1 to the 23d instant, inclusive, show that only 4 deaths have occurred in the "department" in the past twenty-three days. * * *

Respectfully, yours,

WM. H. CARSON,
Acting Assistant Surgeon, U. S. M. H. S.

The SUPERVISING SURGEON-GENERAL,
U. S. Marine-Hospital Service.

Regarding passengers from Punta Arenas, Costa Rica.

LIMON, COSTA RICA, *April 26, 1899.*

SIR: I beg to acknowledge herewith the receipt on the 24th instant of the Department letter (McE) dated the 7th instant, and relating to parties seeking transportation from Port Limon to the United States, and who have come over from Punta Arenas on the Pacific Coast.

I may here state that I am well aware of this dangerous and pestilential seaport (Punta Arenas) on the Pacific Coast, and also that it is comparatively a short distance, about 70 miles, from said Punta Arenas to San José, the capital of Costa Rica. I take occasion to give the various distances between Punta Arenas and San José; they are considered reliable. From Punta Arenas to Esparta is 12 miles, (the town of Atenas is about 15 miles from Alajuela and is 30 miles nearer San José than Esparta). Esparta to Alajuela is about 45 miles, and this section is *without rail*, but has a "cart road."

From Alajuela to San José is 14 miles by rail, and the distance from San José to Port Limon is 102½ miles by rail, thus making the total distance from Punta Arenas, on the Pacific, to Port Limon, on the Caribbean Sea, 173½ miles. I may also state that in my two years' service as medical inspector for the Louisiana State board of health I have never had an applicant for transportation from the Pacific Coast to the United States.

The doctor (Wm. H. Inksetter), referred to in your letter as residing in Alajuela, took passage on the *Alleghany* for New York on the 24th instant, and will not return to this country for some months; however, I will inform Dr. Padilla, a prominent physician of Alajuela, who is worthy of full confidence, of the caution to be exercised in granting medical certificates to those anticipating a voyage to the United States via Port Limon.

Respectfully, yours,

WM. H. CARSON,
Acting Assistant Surgeon, U. S. M. H. S.

The SUPERVISING SURGEON-GENERAL,
U. S. Marine-Hospital Service.

Sanitary report from Port Limon.

LIMON, COSTA RICA, *April 26, 1899.*

SIR: I have the honor to report herewith that the sanitary condition of the town of Limon and the adjacent country remain entirely satisfactory. All the hospitals in Limon have been inspected daily and no

suspicion of the presence of either contagious or infectious disease was in evidence; the few patients in the two hospitals were chronic medical or surgical cases. * * *

Respectfully, yours,

WM. H. CARSON, M. D.,
Acting Assistant Surgeon, U. S. M. H. S.

The SUPERVISING SURGEON-GENERAL,
U. S. Marine-Hospital Service.

CUBA.

Quarantine surveillance of persons and baggage leaving Cuban ports for the United States.

[Weekly report from Surgeon H. R. Carter.]

The following weekly report has been received from Surgeon H. R. Carter, who was detailed on January 28, 1899, to make inspections and establish quarantine stations in the Island of Cuba, exclusive of the province of Santiago, in which latter province Passed Assistant Surgeon M. J. Rosenau was detailed for like duty.

HAVANA, CUBA, *May 1, 1899.*

SIR: In compliance with Bureau letter (P. M. C.) of the 19th instant, I have the honor to submit the following report of the situation here for the past week:

Havana.

The disinfection of vessels bound for southern ports is continued here, and we are handling a considerable number—34 to May 1. I can say that this work is carefully done, indeed I believe that as much pains is taken as at any quarantine station I have ever seen, or indeed more. Special care is taken to prevent the possibility of reinfection. Such vessels as can not well be handled here are advised to go via Tortugas, if going into the Gulf, disinfecting there and, if they wish, leaving for destination without detention with a certificate of disinfection, so as to save as much of the delay in quarantine as possible. All things considered, I count the *Protector* as the most complete and convenient disinfecting plant I have ever seen, and I have seen every one between New York and Galveston.

The work on baggage going to northern ports is progressing. The plan under which we work is briefly this. All passengers come to this office for an inspection card as a prerequisite for buying a ticket, and without which they are stopped at the gangway of the vessel. These cards are viséed and the passenger reinspected within twenty-four hours of leaving. When the cards are issued the ultimate destination of the passenger is determined in the case of soldiers; this is usually very easy and very certain. The cards are then marked. The baggage is differentiated, first, by destination, all going (ultimately) south being disinfected. It is also differentiated by origin; all from a locality considered to be infected being disinfected independent of its destination. Finally it is differentiated by its nature; bedding, old and soiled fabrics, and household goods, and anything else of which the inspector is doubtful, independent of its destination or origin, is either rejected or disinfected, the former for the household goods and generally the latter for dirty clothing, etc. We have an acting assistant surgeon and an

assistant on the gangway of the vessel from the time she is ready to receive passengers to the time of sailing to examine the cards, labels, unlabeled baggage, etc. The plan is, I think, sufficient and it is practicable. It is a big task, however, just now and not an easy one; like everything else in quarantine work its success depends on the closeness of the supervision of its details. Several systems of checks, which it would take too long to give, are in use, and more will be applied as their applicability becomes apparent. In the meantime a close inspection by the New York quarantine authorities is of the greatest value to us to enforce our own work. At the beginning, on the first vessel (*City of Washington*), a number of pieces of baggage escaped disinfection here, being taken on in spite of our advice and offer of disinfection, and the best that could be done was to so notify the New York quarantine, and explain how these could be certainly identified by the inspection cards the passengers carried, *i. e.*, all passengers not holding cards marked "baggage passed" require disinfection of their baggage. The disinfection of this baggage is done by the *Protector*, a lighter going out to her each morning with the baggage leaving that day. This is disinfected, put under seal, and carried directly by the same lighter to the steamer.

Matanzas.

It is of great advantage to us here that the same work on baggage is done at Matanzas by Passed Assistant Surgeon Guiteras, U. S. M. H. S., much of which comes this way. The packages are put under seal, and his labels on all that reach us with seal unbroken are honored. The labels of course are stamped and signed.

Cienfuegos.

I have just returned from Cienfuegos where the same system and methods of inspection and disinfection of baggage were instituted under Assistant Surgeon Grubbs, U. S. M. H. S. The problem there is much simpler on account of the lesser amount of passenger traffic, which still is considerable. The steam chamber recently instituted there was carefully gone over, and such alterations as seemed advisable recommended. It is a good little chamber, indeed an excellent one, but will be better with a steam exhaust. He is prepared to disinfect vessels at Cienfuegos, and can do thorough work but not quickly, this plant being designed rather for this baggage work than for vessels leaving Cienfuegos. Disinfection at this place, however, is only applicable for steamers or for schooners which call at Tortugas (about three days off) for inspection. A certain amount can and will be done here; more at Matanzas.

Cardenas.

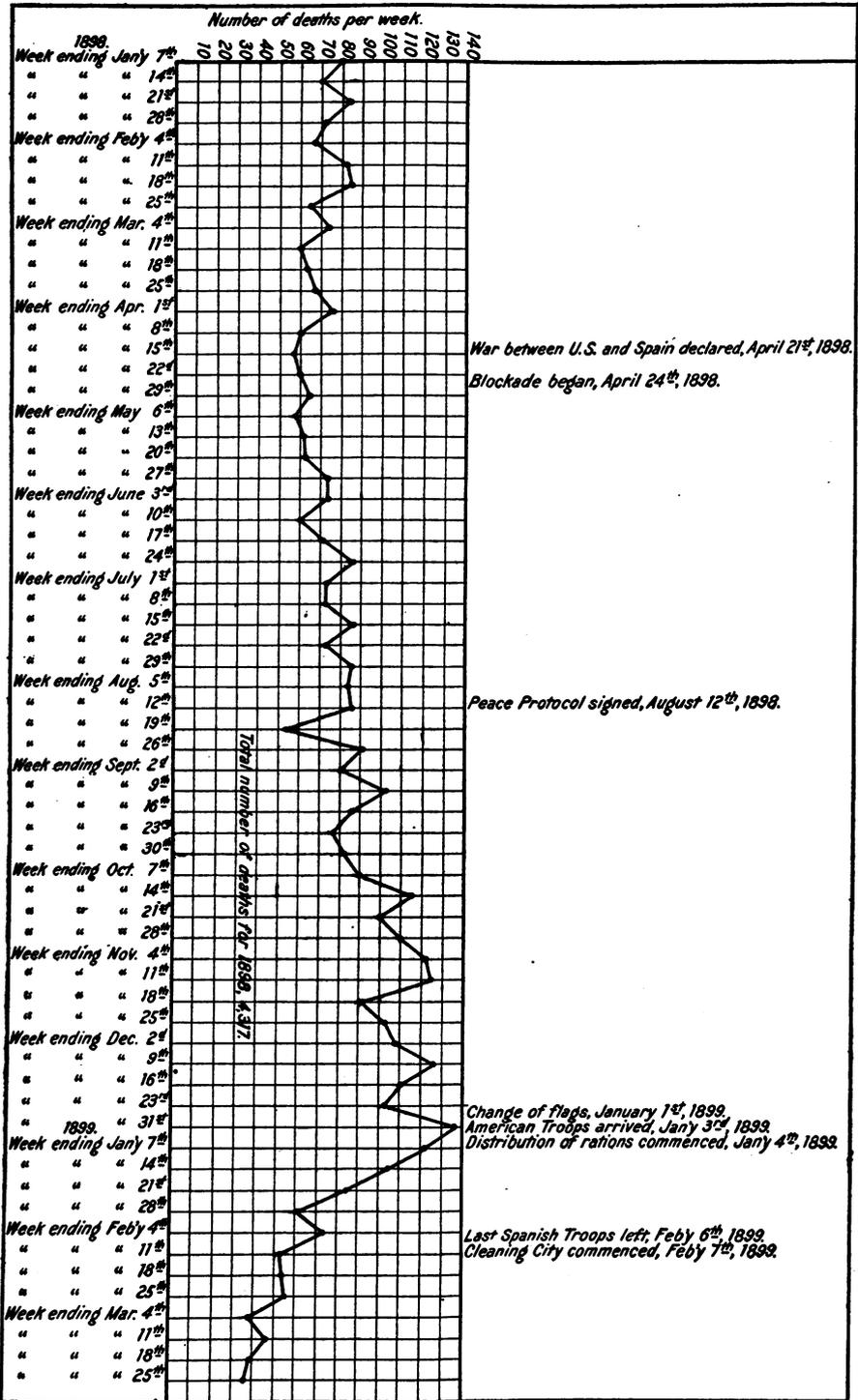
As is known to the Bureau, I have opened Cardenas as a subport and placed a quarantine physician there. He was under instructions here and at Matanzas for about ten days prior to assuming his functions there. No disinfection of vessels for American ports will be done there; all entering the Gulf can stop at Tortugas for disinfection and save time. As soon as my work will allow me (I have been giving personal attention to the disinfection) I purpose to visit a second time the ports on the north coast.

Respectfully, yours,

H. R. CARTER,
Surgeon, U. S. M. H. S.

The SUPERVISING SURGEON-GENERAL,
U. S. Marine-Hospital Service.

Map with curve showing weekly death rate at Cienfuegos.



Map with curve showing weekly death rate at Cienfuegos.

OFFICE CHIEF ENGINEER, DEPARTMENT SANTA CLARA,
Cienfuegos, Cuba, March 28, 1899.

SIR: I have the honor to forward for your information a blue print of a curve which I have plotted, showing the number of deaths per week in the city of Cienfuegos, Cuba, since January 1, 1898. (See p. 706.)

Very respectfully,
D. D. GAILLARD,
*Colonel Third Regiment, U. S. V. Engineers,
Chief Engineer, Department Santa Clara.*

The SUPERVISING SURGEON-GENERAL,
U. S. Marine-Hospital Service.

Sanitary report from Matanzas.

MATANZAS, CUBA, *May 1, 1899.*

SIR: I have the honor to report that the sanitary condition of the city and port of Matanzas is good. The last case of yellow fever was reported March 27. The history of this case went to show that the disease was not contracted in this city.

During the week ended April 22 there were 35 deaths in an estimated population of 40,000, giving for the week an annual death rate per thousand of 45.6. I believe this figure to be rather too high, the estimated population being probably too low.

During the week above mentioned, there were 4 cases of diphtheria and 1 case of measles.

The streets of the city are kept in fair condition, and garbage and refuse are now being towed in lighters outside the harbor.

The disinfecting house, the construction of which was authorized March 28, 1899, was finished April 24, and the installation of the disinfecting machinery at once begun and terminated April 29. A preliminary trial was made April 30, which was fairly successful. * * * The disinfecting station may be considered ready for business. * * *

Very respectfully,
G. M. GUITERAS,
Passed Assistant Surgeon, U. S. M. H. S.

The SUPERVISING SURGEON-GENERAL,
U. S. Marine-Hospital Service.

Sanitary report from Santiago de Cuba.

SANTIAGO DE CUBA, *April 22, 1899.*

SIR: I have the honor to report that during the week ended April 22, there was a total of 34 deaths in the civil population of this city. The principal causes of death were, malarial diseases, 8; entero-colitis, 6; tuberculosis, 2; peritonitis, 3; tetanus, 2; dysentery, 1; bronchitis, 1; pneumonia, 1; gangrene of the mouth, 1.

During the same week 28 vessels were inspected, 16 upon arrival and 12 prior to departure.

The U. S. Army transport *Crook* sailed April 21 for New York and was given our special attention. She had 98 corpses on board from Porto Rico, and took 244 from here, and 12 from Guantanamo. All

those known to have died of yellow fever were set aside. Of the 244 taken from here the following causes of death are given :

Malarial fever.....	89
Typhoid fever.....	51
Typhomalarial fever.....	3
Dysentery.....	22
Tuberculosis.....	6
Pneumonia.....	4
Meningitis.....	3
Drowned.....	2
Cerebral congestion.....	1
Alcoholism.....	1
Measles.....	3
Nephritis.....	3
Bilious fever.....	1
Diabetes.....	1
Cystitis.....	1
Abscess of liver.....	1
Typhlitis.....	1
Peritonitis.....	1
Wounds.....	37
Not stated.....	13
<hr/>	
Total.....	244

The corps of undertakers also returned on the *Crook*. Their working clothes had been disinfected or burned.

It is interesting to note that of the 24 unacclimated men engaged in this work, none of them took sick, although they disinterred many yellow fever bodies.

I went with the *Crook* as far as Fort McCalla, in order to look after the disinterment of the marines who fell in action at that place, and from there proceeded to Guantanamo, in order to look after a case of yellow fever on board the British barkentine *St. Paul*, which is made the subject of a separate report.

The U. S. Army transport *Buford* sailed with many passengers April 17. At the time of sailing a case believed to be measles was transferred to the lazaretto, but after a few hours on shore, the fever and eruption disappeared.

All the passengers on board the *Buford* and *Crook* were given health certificates. Most of them were vaccinated at this office, and furnished with certificates to this effect.

Work on the *Rough Rider* is being pushed, and I hope to soon have her in working order.

Respectfully, yours,

M. J. ROSENAU,

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

The SUPERVISING SURGEON-GENERAL,

U. S. Marine-Hospital Service.

Reports case of yellow fever on board barkentine St. Paul in Guantanamo harbor.

SANTIAGO DE CUBA, April 22, 1899.

SIR: I have the honor to report a case of yellow fever on board the British barkentine *St. Paul*, anchored in the harbor of Guantanamo. The *St. Paul* came from the Barbados and was loading sugar from lighters, when 1 of the crew was taken sick. On the 17th instant the vessel was placed incommunicado by Dr. Nin. The man had been ashore, and doubtless the infection can be traced to this indiscretion.

While at Guantanamo I made arrangements to remove the patient to a small island, Cayo Tiburcio, about 2 miles from Caimanera. There is an old house on the island, sufficient to accommodate several cases. The house and island belong to Senor Penez Tiburcio, who kindly placed it at our disposal.

The vessel will be fumigated and further developments noted. She is loading for New York, and before sailing will be given a thorough disinfection here, provided we can get our plant ready in time.

Respectfully, yours,

M. J. ROSENAU,

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

The SUPERVISING SURGEON-GENERAL,
U. S. Marine-Hospital Service.

HONDURAS.

Sanitary report from Belize.

BELIZE, *April 28, 1899.*

SIR: The steamer *Breakwater* sails this afternoon for New Orleans. I have examined the master and crew and find them all in good health. Passengers all going to the west. Sanitary condition of Belize fair; no infectious or contagious disease in Belize or near surrounding colony. The prevailing diseases are malarial and intermittent fevers. I will only inspect vessels bound to ports south of Maryland as per instructions of April 14.

Very respectfully,

C. W. KNIGHT,

Acting Assistant Surgeon, U. S. M. H. S.

The SUPERVISING SURGEON-GENERAL,
U. S. Marine-Hospital Service.

NICARAUGUA.

Sanitary report from Bluefields.

BLUEFIELDS, NICARAGUA, *April 25, 1899.*

SIR: I have the honor to report that there is no material change in the health conditions of Bluefields and vicinity since my last report. The 1 case of variola there mentioned is approaching convalescence, and I can hear of no new cases. * * *

Very respectfully,

D. W. GOODMAN,

Acting Assistant Surgeon, U. S. M. H. S.

The SUPERVISING SURGEON-GENERAL,
U. S. Marine-Hospital Service.

FOREIGN STATISTICAL REPORTS.

AUSTRIA—*Brunn*.—Month of March, 1899. Estimated population, 86,200. Total number of deaths, 292, including diphtheria, 3; enteric fever, 1; measles, 11; influenza, 2; whooping cough, 2, and 77 from tuberculosis.

BRITISH GUIANA—*Demarara*.—Month of March, 1899. Estimated population, 86,250. Total number of deaths, 285. No contagious diseases reported.

CANADA—*Manitoba—Winnipeg*.—Month of April, 1899. Estimated population, 7,985. Total number of deaths not reported. One death from diphtheria and 1 from measles.

Ontario—Hamilton.—Month of April, 1899. Estimated population, 51,000. Total number of deaths, 51, including enteric fever, 1, and 3 from phthisis pulmonalis.

Quebec—Sherbrooke.—Month of April, 1899. Estimated population, 10,760. Total number of deaths, 33. No deaths from contagious disease.

FORMOSA—Tamsui.—Four weeks ended March 10, 1899. Estimated population, 2,100,000. Total number of deaths not reported. Two deaths from diphtheria, 1 death from enteric fever, 2 deaths from smallpox, and 123 deaths from plague.

FRANCE—St. Etienne.—Two weeks ended April 15, 1899. Estimated population, 135,784. Total number of deaths, 132, including diphtheria, 1, enteric fever, 1, and 10 from phthisis pulmonalis.

GREAT BRITAIN—England and Wales.—The deaths registered in 33 great towns in England and Wales during the week ended April 22, 1899, correspond to an annual rate of 18.3 a thousand of the aggregate population, which is estimated at 11,404,408. The highest rate was recorded in Liverpool, viz, 23.4, and the lowest in Cardiff, viz, 11.8.

London.—One thousand four hundred and ninety-nine deaths were registered during the week, including measles, 51; scarlet fever, 7; diphtheria, 29; whooping cough, 47; enteric fever, 3, and diarrhea and dysentery, 7. The deaths from all causes correspond to an annual rate of 17.2 a thousand. In Greater London, 2,036 deaths were registered, corresponding to an annual rate of 16.3 a thousand of the population. In the "outer ring" the deaths included 12 from diphtheria, 17 from measles, 3 from scarlet fever, and 11 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended April 22, 1899, in the 23 principal town districts of Ireland was 23.7 a thousand of the population, which is estimated at 1,053,188. The lowest rate was recorded in Queenstown, viz, 5.7, and the highest in Ballymena, viz, 73.3 a thousand. In Dublin and suburbs 202 deaths were registered, including diphtheria, 2; enteric fever, 2; influenza, 7, and whooping cough, 3.

Scotland.—The deaths registered in 8 principal towns during the week ended April 22, 1899, correspond to an annual rate of 18.1 a thousand of the population, which is estimated at 1,587,414. The lowest mortality was recorded in Perth, viz, 10.2, and the highest in Dundee, viz, 21.9 a thousand. The aggregate number of deaths registered from all causes was 554, including diphtheria, 3; measles, 20; scarlet fever, 4, and whooping cough, 13.

HAITI—Santo Domingo.—Month of March, 1899. Estimated population, 12,000. Total number of deaths, 29, including 11 from phthisis pulmonalis.

KOREA—Seoul.—Two weeks ended March 25, 1899. Estimated population, 300,000. Number of deaths not reported. Smallpox, enteric fever, and typhus fever present, but abating. Cholera will probably be severe in the coming summer in consequence of the mild winter. Plague has never been known in Korea.

MALTA.—Two weeks ended March 15, 1899. Estimated population, 180,328. Total number of deaths, 165, including diphtheria, 1, enteric fever, 1, and 2 from measles.

NOVA SCOTIA—Windsor.—Two weeks ended April 22. Estimated population, 3,000. Total number of deaths, 1. No contagious diseases.

RUSSIA—Riga.—Month of February, 1899. Estimated population, 282,000. Total number of deaths, 444, including diphtheria, 14; enteric fever, 3; measles, 2; scarlet fever, 4; smallpox, 18; whooping cough, 2, and 58 from phthisis pulmonalis.

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.	
Alexandretta.....	Apr. 8....	6,000	2										
Amherstburg.....	Apr. 29....	2,300											
Amsterdam.....	Apr. 22....	515,669	132						1				3
Athens.....	do.....	200,000				4							
Bahia.....	Apr. 15....	200,000			3	1							
Barmen.....	do.....	137,000	34							1	1		
Barranquilla.....	Apr. 8....	40,000	15					1					
Do.....	Apr. 15....	40,000	11										
Belfast.....	Apr. 22....	350,000	136					1	2	2	6		6
Belize.....	Apr. 27....	13,000	7										
Belleville.....	May 1....	10,399	4										
Bergen.....	Apr. 19....	65,000	20										
Berlin.....	Apr. 8....	1,747,903	657						14	10	9		
Birmingham.....	Apr. 22....	510,343	202					3		3			3
Bluefields.....	do.....	3,018	0										
Bombay.....	Apr. 4....	821,764	a 2,010	3		10		1			111		
Bradford.....	Apr. 22....	231,260	7					1	2	1	1		3
Bremen.....	Apr. 15....	144,500	42					1		2			
Breslau.....	do.....	300,000	211						4	1	1		4
Bristol.....	Apr. 22....	320,911	112						1		1		4
Brussels.....	Apr. 15....	551,611	190					5		5	3		1
Budapest.....	do.....	640,000							4	5	8		
Calcutta.....	Mar. 25....	681,580	b 487	17		6					3		
Cairo.....	Mar. 8....	570,062	349			1	10	3		3			
Callao.....	Apr. 9....	25,000	14										
Catania.....	Apr. 20....	124,000	66					3			2		1
Chaudiere Junction.....	Apr. 29....	500	0										
Chemnitz.....	Apr. 15....	163,000	24										
Chihuahua.....	do.....	24,000	26							1	1		1
Christiania.....	Apr. 22....	207,000	71						2				
Coburg.....	Apr. 15....	19,507	5										
Cologne.....	do.....	357,497	143						1	2	1		1
Copenhagen.....	do.....	351,000	119						3	2	1		3
Crefeld.....	Apr. 22....	110,000	84							1	1		
Curacao.....	Apr. 15....	29,098	13										
Do.....	Apr. 22....	29,098	6										
Dresden.....	Apr. 1....	391,300	143					1		2			1
Dublin.....	Apr. 22....	350,000	202					2	1	2			3
Dundee.....	do.....	166,072	70										2
Ensenada.....	Apr. 29....	2,700	0										
Flushing.....	Apr. 22....	18,371	5										
Frankfort-on-the-Main.....	Apr. 15....	253,000	99						1	1			1
Geneva.....	Apr. 8....	95,348	14										
Ghent.....	Apr. 22....	162,652	71							2			1
Girgenti.....	Apr. 15....	24,428	12										
Glasgow.....	Apr. 22....	724,349	272					5	2	2	11		6
Gothenburg.....	Apr. 15....	122,205	47										
Guayaquil.....	Apr. 8....	50,000	64										
Halifax.....	Apr. 29....	45,000	15										
Hamburg.....	Apr. 15....	675,351	128							1			4
Do.....	Apr. 22....	675,351	184							1			3
Havre.....	Apr. 15....	119,470	77					1			3		1
Hongkong.....	Mar. 18....	248,710	c 81			2							1
Do.....	Mar. 25....	248,710	d 72			1		2					
Honolulu.....	Apr. 8....	35,000	25					1					
Do.....	Apr. 15....	35,000	16										
Kingston, Canada.....	May 5....	18,800	3										
Konigsberg.....	Apr. 15....	181,047	12							1			
Leeds.....	Apr. 22....	423,839	155					2		3	2		4
Leghorn.....	Apr. 16....	104,681	47					1		2			
Leipzig.....	Apr. 16....	430,635	167						5	5	3		
Licata.....	do.....	20,000	14			1	3				1		
Liege.....	do.....	169,518	63										
Liverpool.....	Apr. 22....	668,645	287					7	4	1	3		4
London, Canada.....	Apr. 19....	42,000	10										
Lyons.....	Apr. 15....	466,028	217							1			2
Manchester.....	Apr. 22....	505,343	228						1	2	30		7
Mannheim.....	Apr. 15....	124,703	42						1				
Matamoros.....	Apr. 2....	16,304	7										
Mayence.....	Apr. 15....	80,000	37										1
Do.....	Apr. 22....	80,000	30							1			

a Plague, 892. b Plague, 138.
c Plague, 4. d Plague, 3.

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.	
Mazatlan	Apr. 22	16,700	19										
Mexico	Apr. 23	344,377	363										4
Monterey	Apr. 27	25,000	94										
Moscow	Apr. 8	1,000,000	511			5	14						
Nagasaki	Mar. 31	132,000											
Nice	Apr. 24	114,000	50										
Nuevo Laredo	Apr. 22	6,000	4										
Do	Apr. 29	6,000	6			2							
Nuremberg	Apr. 1	230,000	135										
Odesa	Apr. 15	400,600	166						1	1		1	7
Osaka and Hlgo	Mar. 11	202,912	121								2	1	
Do	Mar. 18	202,912	113								2		
Do	Mar. 25	202,912	128						1		6		
Do	Apr. 1	202,912	98										
Ottawa	do	55,386											
Do	Apr. 8	55,386	24								1		
Do	Apr. 15	55,386	15										
Do	Apr. 22	55,386	37										
Do	Apr. 29	55,386	21								1		
Palermo	Apr. 15	300,000	105										
Paris	do	2,511,955	1,127						7	4	5	29	11
Do	Apr. 22	2,511,955	1,107						21	5	8	34	13
Plymouth	do	99,848	39										
Port Limon	Apr. 25	1,200	1										
Prague	Apr. 15	190,260	165							2	3	5	
Progreso	Apr. 30	4,800	10						2				
Do	Apr. 22	4,800	7										
Puerto Cortes	Apr. 25	2,000	0										
Quebec	Apr. 29	73,000								3			
Rheims	Apr. 22	107,709	43								1	1	
Rio de Janeiro	Mar. 31	768,000	a 367		32	4		4					
Rotterdam	Apr. 22	311,301	115						1	1	1		
St. Etienne	Apr. 20	135,784	132						1		1		
St. Georges, Bermuda	Apr. 29	2,150											
St. Petersburg	Apr. 15	1,267,023	671			3	1	23	4	20	17	11	
St. Stephen, New Brunswick	Apr. 29	3,000	0										
Sheffield	Apr. 22	362,560	123						1	1	5	1	5
Smyrna	Apr. 15	300,000	41			1		1					
Solingen	do	433,958	21										1
Southampton	do	103,168	33						1				3
Stockholm	do	283,550	127								7	6	1
Stuttgart	Apr. 20	162,984	68										
Sunderland	Apr. 22	145,613	57						1			1	
Tampico	Apr. 7	12,000	16										
Do	Apr. 14	12,000	28										
Do	Apr. 21	12,000	27										
Teguicigalpa	Mar. 4	12,000	3										
Do	Mar. 11	12,000	5										
Do	Mar. 18	12,000	6										
Do	Mar. 25	12,000	6										
Trapani	Apr. 15	45,095	14										
Trieste	do	165,000	106						1	5			
Turpan	Apr. 8	10,280	13										
Do	Apr. 15	10,280	20										
Venice	do	169,893	118						1		2	9	
Vera Cruz	Apr. 27	30,000	40		2	1							
Victoria	Apr. 8	20,000	5						1				
Do	Apr. 15	20,000	6										
Do	Apr. 22	20,000	4										
Do	Apr. 30	20,000	4										
Vienna	Apr. 15	1,623,134	734							6	7	21	8
Warsaw	Apr. 8	601,408	209			4		1			4	5	3
Do	Apr. 15	601,408	232			4	1	3	1	6	3	4	
Windsor	Apr. 29	3,000	0										
Winnipeg	do	7,894										1	
Zurich	Apr. 15	161,484	58				1						1

a Beriberi, 9.

By authority of the Secretary of the Treasury :

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