

Public Health Reports

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UNITED STATES.

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

Smallpox in Alabama.

MOBILE, ALA., *February 17, 1898.*

SIR: I have the honor to refer to my letter of December 22, 1897, in relation to smallpox in southwest Alabama, and to report further that there are now about 10 cases at Jackson, and cases at Glendon, Walker Springs, Nichola, Carneys Bluff, Salitpa, and Gosport. I think these places are all in Clarke County.

The State health officer will institute measures for the suppression of the disease.

Judging from newspaper reports the disease is pretty well distributed over Alabama. Thus far no cases have been reported in the city or county of Mobile.

I have been proffering free vaccination to all seamen for past six weeks.

I am, very respectfully, your obedient servant,

R. D. MURRAY,
Surgeon, U. S. M. H. S.

BIRMINGHAM, ALA., *February 19, 1898.*

SIR: I have the honor to give below a table which will show the present status of the smallpox epidemic in this locality:

Cases of smallpox occurring by the week.

Places.	Week ended—					
	Jan. 15.	Jan. 22.	Jan. 29.	Feb. 5.	Feb. 12.	Feb. 19.
Birmingham.....	12	14	9	3	2	2
Bessemer.....	32	29	16	9	8	6
Other points in Jefferson County.....	26	10	3	6	<i>a</i> 17	<i>b</i> 9
Total.....	70	63	28	18	27	16

Place.	Week ended—			
	Jan. 25.	Feb. 1.	Feb. 8.	Feb. 15.
Talladega.....	41	<i>c</i> 2	<i>d</i> 1	<i>e</i> 1

a Two wandered in from Mississippi.

b One wandered in from Montgomery, Ala.

c One of these two cases occurred in suspect camp. *d* This case occurred in suspect camp.

e This case occurred in person of a guard at pesthouse.

No cases having occurred in Talladega since January 30, the epidemic there may be said to be at an end, until the town is reinfected.

From the first of the above table it will be seen that in Birmingham and Bessemer, where, under city ordinance, vaccination can be enforced, the decrease in the weekly number of cases has been steady. In the county, however, in some of the smaller towns and mining camps, vaccination is optional, it is opposed by the people, and, for the reasons stated in my letter of February 7, cases of smallpox, I believe, will continue to appear for some time to come. The force of inspectors has been reduced to about 20 men, and owing to the growing opposition on the part of the people, they are accomplishing but little; therefore, if it meets with the approval of the Bureau, I will discontinue these as soon as the inspection now being made is completed, and unless something unforeseen should happen, I will discontinue operations about March 1.

As stated in previous communications, the population of the mining camps, with which this and adjoining counties are dotted, is a very shifting one. Unvaccinated laborers are continually coming in, furnishing material to keep the disease alive, and in many cases bringing infection with them, so that, in my opinion, unless work is undertaken throughout the South, it is almost a hopeless task to attempt to stamp it out entirely and permanently, either here or in any other locality.

I have urged the mine owners to have all new labor vaccinated by their mine physicians, and though they promise to do this, the rule is in most cases a dead letter.

Respectfully, yours,

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

Precautions against the spread of smallpox in Brownsville.

BROWNSVILLE, TEX., *February 12, 1898.*

SIR: In my communication to you of the 7th instant, I reported the discovery in this city of 1 case of smallpox. So far no other cases have occurred. In addition to other precautions taken by the municipal authorities to prevent a spread of the disease, I would mention the vaccination of the pupils of the public schools. I was ordered to do this by the city council, and have this day completed the work. Over 500 subjects have been vaccinated. This work is still continued amongst the indigent poor, who have not taken this precaution.

Respectfully,

FREDERICK J. COMBE,
Acting Assistant Surgeon, U. S. M. H. S.

Smallpox in Johnson City, Tenn.

JOHNSON CITY, TENN., *February 16, 1898.*

SIR: Since my last report 3 new cases have developed in quarantine and 1 woman out of quarantine in a third part of city. Last case was caused by carelessness of guards or insufficient guards. * * *

We have 9 cases of discrete smallpox in pesthouse and 50 exposed persons in quarantine. Our quarantine is rigid now, and I feel sure the local board will not allow another accident like the above.

I am, very truly, yours,

W. J. MILLER.

JOHNSON CITY, TENN., *February 19, 1898.*

SIR: I am glad to report no new cases of smallpox here for last two days; 9 cases in pesthouse, 4 convalescent; rest in good condition, and

will recover without some unforeseen complication ; 10 cases in all here up to date ; 44 people in quarantine. All have been vaccinated, and all now have a good catch from it. I inclose orders and regulations of county board of health, of Washington County, Tenn.

Thanks for copy of PUBLIC HEALTH REPORTS, of February 4 and 11, 1898. Will keep you informed as to condition of smallpox in our town.

I am, yours, very truly,

W. J. MILLER.

P. S.—One death, woman, negro, died after premature delivery in pesthouse.

[Inclosure.]

Proclamation.

WHEREAS, The county board of health for Washington County has been directed by the State board of health to at once adopt and carry into effect such rules and regulations as may be necessary for the restriction and suppression of smallpox now existing in Johnson City, and

WHEREAS, It is the duty, by statute, for the board of health for Washington County to assume the management and control of any contagious or epidemic disease within the limits of the county ;

Therefore, The following orders and rules are hereby issued by the board of health for Washington County :

I.

1. The physician in charge of the pesthouse and quarantine stations will be, and he is hereby, restricted from all other practice, and from mixing and mingling with the public, upon the streets and in the stores in Johnson City, any more than is really necessary in the discharge of his duties as smallpox physician.

2. He will be required to keep a record of the number of cases in the pesthouse, their condition, and the number of people in quarantine, and make report of same to the county board from day to day.

3. When the physician discovers a case of smallpox in quarantine, or elsewhere, he must remove same to the pesthouse, under his supervision and direction, between the hours of 8 p. m. and 6 a. m.

II.

1. All guards are under the control and direction of the county sheriff and his deputies by order of the county board of health, and they are restricted from entering stores, appearing in public places, going to the post office and saloons, and from passing along the public business streets of Johnson City. And they are, by order of said board, to be held under surveillance of the board, at its discretion, for fourteen days after the time of their discharge.

2. The driver of the pesthouse wagon is under the control of the physician and the same restrictions apply to him as apply to the physician.

III.

1. The board of health for Washington County further orders that the people be restricted from congregating in the churches and public halls in Johnson City until further orders from the board.

2. All schools in Johnson City are ordered suspended until further orders.

IV.

1. It is ordered that all the people in Johnson City submit to vaccination, and have it done at the earliest possible moment, by a competent physician. All regular physicians of Johnson City are authorized by this board to correctly keep the names of all the people vaccinated, and make report to the county board when so required.

2. All paupers, when the fact is established that they are paupers, will be vaccinated at the expense of the county, the county board to fix the price for such vaccination with the physicians.

V.

The sheriff and his deputies, by order of the Board, have, in conjunction with the city police, control of the streets and public thoroughfares in Johnson City, and they are hereby authorized and directed by the board to prevent idlers from loitering on any of the public streets, about saloons, along the railroad track, and especially in and about the depots in Johnson City ; and to prevent people from congregating at the depots upon the arrival and departure of trains, unless there for the purpose of taking the train or to receive friends ; and to keep all pedestrians moving.

VI.

All dogs and cats found running at large will be killed.

VII.

A health certificate bearing the seal of the city and recorder's signature will be valid.

Penalty.—All persons violating the above rules and orders of the board of health, which are for the prevention, restriction, and extinction of the smallpox now existing, and shall fail to comply with said rules and orders, after written notice pertaining thereto shall have been served upon him or her, shall, by statute, be guilty of a misdemeanor, and, upon conviction thereof, shall be fined or confined in the county jail, at the discretion of the court.

J. S. STUART,
CHAS. S. MASON,

Board of Health for Washington County.

Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, January 1 to February 25, 1898.

Places.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Bessemer.....	To Jan. 6.....	42	.....	
	Jan. 9-Jan. 26....	78	.....	
	Jan. 30-Feb. 19....	23	.....	
Birmingham.....	Jan. 6-Jan. 8.....	11	.....	
	Jan. 9-Jan. 26....	29	.....	
	Jan. 30-Feb. 19....	7	.....	
In Jefferson county, outside of the city.....	Feb. 6-Feb. 19....	26	.....	
Carneys Bluff.....	Feb. 17.....	.....	.....	Smallpox reported.
Dolomite.....	Dec. 1-Jan. 17....	21	.....	
Gosport.....	Feb. 17.....	.....	.....	Do.
Glendon.....	Feb. 17.....	.....	.....	Do.
Jackson.....	Feb. 17.....	10	.....	
Newton.....	Jan. 15-Feb. 2....	7	.....	
Nichols.....	Feb. 17.....	.....	.....	Do.
Oxmar.....	Jan. 19.....	.....	.....	Do.
Pinckard.....	To Feb. 2.....	50	.....	
Salitpa.....	Feb. 17.....	.....	.....	Do.
Selma.....	Jan. 13-Feb. 14....	3	.....	
Shelby.....	Jan. 28.....	1	.....	
Talladega.....	Jan. 9-Jan. 26....	41	.....	
	Jan. 27-Feb. 15....	4	.....	
Walker Springs.....	Feb. 17.....	.....	.....	Do.
District of Columbia:				
Washington.....	Feb. 7.....	1	.....	Naval Hospital.
Florida:				
Washington County.....	Jan. 24.....	12	.....	
Georgia:				
Atlanta.....	Jan. 17.....	131	.....	Most cases from county.
	Jan. 18-Jan. 25....	18	1	
	Jan. 26-Feb. 16....	29	1	
Kentucky:				
Middlesborough.....	Feb. 3.....	7	.....	
New York:				
Deposit.....	Nov. 1-Nov. 30...	1	.....	
North Carolina:				
Charlotte.....	Jan. 25.....	2	.....	
	Jan. 26-Feb. 12....	2	.....	
Clay County.....	Feb. 15.....	1	.....	
Wilmington.....	Jan. 12.....	1	.....	
South Carolina:				
Beaufort.....	Jan. 17.....	.....	.....	Smallpox reported.
Greenville.....	Jan. 17.....	.....	.....	Do.
Orangeburg.....	Jan. 17.....	.....	.....	Do.
Rock Hill.....	Jan. 17.....	.....	.....	Do.
Spartanburg.....	Jan. 17.....	.....	.....	Do.
Swansea.....	Jan. 15.....	.....	.....	Do.
Tennessee:				
Chattanooga.....	Jan. 1-Jan. 29....	1	.....	
Huntington (near).....	Jan. 1-Jan. 29....	1	.....	
Johnson City.....	Feb. 15-Feb. 19....	9	.....	
Knoxville.....	Jan. 1-Jan. 29....	3	.....	
Lenoir City.....	Jan. 1-Jan. 29....	2	.....	
Memphis.....	Jan. 22-Jan. 29....	1	.....	
	Jan. 30-Feb. 10....	1	.....	
Mingo mines..	Jan. 1-Jan. 29....	6	.....	
Texas:				
Brownsville.....	Feb. 7.....	1	.....	
Virginia:				
Colburn.....	Feb. 1.....	.....	.....	Do.
Norton.....	Feb. 1.....	.....	.....	Do.

*Report of immigration at Boston for the week ended February 19, 1898.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of Boston, February 20, 1898.**Number of alien immigrants who arrived at this port during the week ended February 19, 1898;
also names of vessels and ports from which they came.*

Date.	Vessel.	Wherefrom.	No. of im- migrants.
Feb. 13	Steamship Boston.....	Yarmouth, Nova Scotia.....	30
Do....	Steamship Beverly.....	Port Morant, Jamaica.....	1
Feb. 15	Steamship Prince Edward.....	Yarmouth, Nova Scotia.....	25
Feb. 16	Steamship Schleswig.....	Port de Paix, West Indies.....	2
Do....	Steamship Cestrian.....	Liverpool, England.....	2
Feb. 17	Steamship Boston.....	Yarmouth, Nova Scotia.....	14
Do....	Steamship Halifax.....	Halifax, Nova Scotia.....	33
Feb. 18	Steamship Prince Edward.....	Yarmouth, Nova Scotia.....	17
Do....	Steamship Kansas.....	Liverpool, England.....	31
Feb. 19	Steamship Cephalonia.....	do.....	132
	Total.....		287

GEORGE B. BILLINGS,
*Commissioner.**Report of immigration at New York for the week ended February 19, 1898.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of New York, February 21, 1898.**Number of alien immigrants who arrived at this port during the week ended February 19, 1898 ;
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of im- migrants.
Feb. 13	Steamship Etruria.....	Liverpool and Queenstown.....	61
Do....	Steamship State of Nebraska.....	Glasgow.....	10
Feb. 14	Steamship Chateau Lafite.....	Bordeaux.....	6
Do....	Steamship Arabia.....	Hamburg.....	70
Do....	Steamship La Normandie.....	Havre.....	131
Feb. 15	Steamship Island.....	Copenhagen.....	34
Do....	Steamship Berlin.....	Antwerp.....	112
Feb. 17	Steamship Majestic.....	Liverpool and Queenstown.....	143
Do....	Steamship Fulda.....	Genoa, Naples, etc.....	322
Feb. 18	Steamship Lahn.....	Bremen.....	188
Do....	Steamship Prussia.....	Hamburg.....	68
Feb. 19	Steamship Karlsruhe.....	Bremen.....	383
	Total.....		1,528

THOMAS FITCHIE,
Commissioner.

*Report of immigration at Philadelphia for the week ended February 19, 1898.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of Philadelphia, February 19, 1898.**Number of alien immigrants who arrived at this port during the two weeks ended February 19, 1898; also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
Feb. 6	Steamship Siberian.....	Glasgow	2
Feb. 7	Steamship Waesland	Liverpool and Queenstown.....	40
Feb. 15	Steamship Rhyndland.....	do	52
Feb. 18	Steamship Bohemia	Hamburg	65
	Total.....	.....	159

JNO. J. S. RODGERS,
Commissioner.

QUARANTINE REPORTS.

National quarantine and inspection stations.

[Vessels named only when detained or given treatment at quarantine.]

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Alexandria, Va.	Feb. 19								1
Brunswick, Ga.	do.								4
Cape Fear, N. C.	do.							No transactions	5
Delaware Breakwater Quarantine, Del.	Feb. 12								
Eureka, Cal.	Feb. 19								2
Grays Harbor, Wash.	Feb. 9							No transactions	
Gulf Quarantine, Ship Island, Miss.	Feb. 16							do	
Newbern, N. C.	Feb. 19								3
Port Townsend, Wash.	Feb. 12							No transactions	6
								8 Japanese and 1 second cabin passenger bathed and 11 pieces of baggage disinfected for Japanese ss. Riojun Maru.	
								1 spoken and passed.	16
Reedy Island Quarantine, Del.	Feb. 19								
San Diego, Cal.	Feb. 12							2 boarded and passed	5
San Francisco Quarantine, Cal.	do.								20
South Atlantic Quarantine, Blackbeard Island, Ga.	do.								5
Tortugas Quarantine, Key West, Fla.								No report	
Washington, N. C.	Feb. 19							No transactions	

a Previously reported.

State and municipal quarantine stations.

[Vessels named only when detained or given treatment at quarantine.]

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Andote, Fla.....						1		No report.	
Apalachicola, Fla.....								do	
Bangor, Me.....								do	
Boston, Mass.....								do	
Carrabelle, Fla.....	Feb. 12	Nor. bk. Flora.....	Feb. 11	Para	Apalachicola.	Remanded to Pensacola or Ship Island Quarantine at captain's discretion.		2 men died in Para of yellow fever and there were several other cases among the crew.	5
		Nor. bk. Jafhar.....	do	do	do	do		1 man died in Para of yellow fever and there were other cases among the crew.	
Charleston, S. C.....	Feb. 19							No report.	2
Elizabeth River, Va.....	Feb. 19							do	1
Galveston, Tex.....								No report.	
Gardiner, Oreg.....								do	
Georgetown, S. C.....								do	
Gloucester, Mass.....								do	
Key West, Monroe Co., Fla.....	Feb. 19							do	11
Mayport, Fla.....								No report.	
Mobile Bay, Ala.....	Feb. 12							No report.	21
New Bedford, Mass.....								do	
New Orleans, La.....								do	
Newport News, Va.....	Feb. 19							No report.	4
Newport, R. I.....								do	
New York, N. Y.....								do	
Port Royal, S. C.....								No transactions.	
Providence, R. I.....	Feb. 19							No report.	
St. Helena Entrance, S. C.....								Suspected.	13
Savannah, Ga.....	Feb. 12	Nor. bk. King Os-car II.	Feb. 17	Bahia via St. Thomas.	Savannah.	Discharging ballast.		do	10
	Feb. 19	Nor. bk. Eliezer ..	Feb. 18	Para	do	do		1 death from yellow fever while at Para.	

Reports of States and monthly and yearly reports of cities.

CALIFORNIA—San Francisco.—Month of January, 1898. Estimated population, 360,000. Total deaths, 650, including phthisis pulmonalis, 98; enteric fever, 4; scarlet fever, 3; leprosy, 1; diphtheria, 15, and croup, 7.

Los Angeles.—Month of January, 1898. Estimated population, 103,000. Total deaths, 128, including phthisis pulmonalis, 23; enteric fever, 5, and diphtheria, 1.

Oakland.—Month of January, 1898. Estimated population, 75,000. Total deaths, 75, including phthisis pulmonalis, 12; croup, 1, and diphtheria, 3.

CONNECTICUT.—Month of January, 1898. Reports to the State board of health from 168 towns, having an aggregate population of 883,192, show a total of 1,571 deaths, including phthisis pulmonalis, 139; enteric fever, 16; diphtheria and croup, 37; scarlet fever, 3; measles, 9, and whooping cough, 7.

ILLINOIS—Chicago.—Month of January, 1898. Estimated population, 1,750,000. Total deaths, 1,835, including phthisis pulmonalis, 202; enteric fever, 29; scarlet fever, 4; diphtheria, 68; measles, 4, and whooping cough, 13.

IOWA—Cedar Rapids.—Month of December, 1897. Estimated population, 21,555. Total deaths, 6. No deaths from contagious diseases.

Month of January, 1898. Total deaths, 10. No deaths from contagious diseases.

Davenport.—Month of December, 1897. Estimated population, 35,000. Total deaths, 38, including phthisis pulmonalis, 3; measles, 1, and enteric fever, 2.

Des Moines.—Month of January, 1898. Estimated population, 82,600. Total deaths, 46, including diphtheria, 2; phthisis pulmonalis, 5; enteric fever, 1, and whooping cough, 1.

Dubuque.—Month of December, 1897. Estimated population, 40,000. Total deaths, 32, including diphtheria, 3; phthisis pulmonalis, 3; scarlet fever, 1, and enteric fever, 2.

Keokuk.—Month of December, 1897. Estimated population, 19,305. Total deaths, 15, including phthisis pulmonalis, 1, and diphtheria, 4.

Ottumwa.—Month of December, 1897. Estimated population, 14,001. Total deaths, 17, including enteric fever, 1, phthisis pulmonalis, 1, and diphtheria, 1.

MARYLAND—Baltimore.—Month of January, 1898. Estimated population, white, 431,054; colored, 75,344; total, 506,398. Deaths, white, 533; colored, 163; total, 696, including phthisis pulmonalis, 93; enteric fever, 12; scarlet fever, 2; diphtheria, 30; croup, 2; measles, 1, and whooping cough, 5.

MASSACHUSETTS—Brockton.—Month of January, 1898. Estimated population, 35,853. Total deaths, 44, including 7 from phthisis pulmonalis.

North Attleboro.—Month of December, 1897. Estimated population, 6,727. Total deaths, 7, including 1 from phthisis pulmonalis.

Month of January, 1898. Total deaths, 10, including phthisis pulmonalis, 3, and enteric fever, 1.

MICHIGAN.—Week ended February 12, 1898. Reports to the State board of health, Lansing, from 62 observers indicate that erysipelas, pleuritis, and inflammation of kidney increased in area of prevalence. Phthisis pulmonalis was reported present during the month at 88, measles at 44, diphtheria at 26, scarlet fever at 36, enteric fever at 24, and whooping cough at 8 places.

Grand Rapids.—Month of January, 1898. Estimated population, 90,000. Total deaths, 80, including phthisis pulmonalis, 10; enteric fever, 2, and diphtheria, 1.

MINNESOTA—*Minneapolis.*—Month of January, 1898. Estimated population, 225,662. Total deaths, 175, including phthisis pulmonalis, 23; enteric fever, 7; diphtheria, 1, and measles, 2.

St. Paul.—Month of January, 1898. Estimated population, 215,582. Total deaths, 140, including phthisis pulmonalis, 16; enteric fever, 7; scarlet fever, 1, and diphtheria, 2.

NEW YORK—*Auburn.*—Month of January, 1898. Estimated population, 30,000. Total deaths, 35, including 2 from phthisis pulmonalis.

Buffalo.—Month of January, 1898. Estimated population, 360,000. Total deaths, 313, including phthisis pulmonalis, 30; enteric fever, 4, and diphtheria and croup, 19.

OHIO—*Columbus.*—Month of January, 1898. Estimated population, 135,000. Total deaths, 131, including phthisis pulmonalis, 22; enteric fever, 2, and diphtheria, 2.

TENNESSEE—*Memphis.*—Month of January, 1898. Estimated population, white, 31,430; colored, 30,317; total, 61,747. Deaths, white, 61; colored, 62; total, 123, including phthisis pulmonalis, 16; enteric fever, 1, and measles, 1.

UTAH—*Salt Lake City.*—Month of January, 1898. Estimated population, 46,000. Total deaths, 56, including phthisis pulmonalis, 6; enteric fever, 2, and scarlet fever, 2.

VIRGINIA—*Richmond.*—Month of January, 1898. Estimated population, white, 58,100; colored, 48,500; total, 106,600. Deaths, white, 64; colored, 58; total, 122, including phthisis pulmonalis, 18; enteric fever, 2; scarlet fever, 1, and diphtheria, 2.

WASHINGTON—*Seattle.*—Month of January, 1898. Estimated population, 70,000. Total deaths, 49, including phthisis pulmonalis, 6; enteric fever, 3, and diphtheria, 1.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—									
				Phthisis pul- monalis.	Yellow fever.	Smallpox.	Variceloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles. Whooping cough.
Allegheny, Pa.....	Feb. 19.....	105,287	39	5							2	1	
Baltimore, Md.....	do.....	434,439	196	27					1	2	2	1	3
Binghamton, N. Y.....	do.....	35,005	13	1									
Boston, Mass.....	do.....	448,477	180	17					1	1	2	1	1
Braddock, Pa.....	Feb. 5.....	8,561	4										
Do.....	Feb. 12.....	8,561	3										
Bristol, R. I.....	do.....	5,478	1										
Do.....	Feb. 19.....	5,478	2										
Brockton, Mass.....	Feb. 12.....	27,294	11	1									
Brownsville, Tex.....	Feb. 5.....	6,134	5										
Do.....	Feb. 12.....	6,134	2	2									
Butler, Pa.....	Feb. 19.....	8,734	2										
Cambridge, Mass.....	do.....	70,028	28	4									1
Charleston, S. C.....	Feb. 5.....	a 54,955	b 27	4									
Do.....	Feb. 12.....	a 54,955	c 26	4									
Chicago, Ill.....	do.....	1,099,850	455	49					9			15	5
Cincinnati, Ohio.....	Feb. 18.....	296,908	86	15					3			1	2
Cleveland, Ohio.....	Feb. 19.....	261,353	94	5						1	2		
Columbus, Ind.....	do.....	6,719	5	2					1				
Concord, N. H.....	do.....	17,044	5										
Dayton, Ohio.....	Feb. 18.....	61,220	25	1									
Detroit, Mich.....	Feb. 19.....	205,876	76	8						35	9		1
Fall River, Mass.....	do.....	74,398	55	5							2		
Fitchburg, Mass.....	Feb. 12.....	22,037	4	1									
Flint, Mich.....	Feb. 19.....	9,803	5	3									
Grand Rapids, Mich.....	Feb. 12.....	60,278	17										
Do.....	Feb. 19.....	60,278	9										
Green Bay, Wis.....	Feb. 12.....	9,069	4										
Haverhill, Mass.....	Feb. 19.....	27,412	13								2	1	1
Hoboken, N. J.....	do.....	43,648	23								2		
Indianapolis, Ind.....	Feb. 12.....	105,436	28						1	1			
Ironton, Ohio.....	Feb. 19.....	10,939							2				
Johnstown, Pa.....	do.....	21,805	8										
Kalamazoo, Mich.....	Feb. 12.....	17,853	4							2		2	
Do.....	Feb. 19.....	17,853	5	1								4	
Lancaster, Pa.....	Feb. 12.....	32,011	18	1					1				
Lawrence, Mass.....	Feb. 19.....	44,654	19								1		
Lowell, Mass.....	do.....	77,696	38	4					1				
Lynchburg, Va.....	do.....	19,709	8	2									
McKeesport, Pa.....	Feb. 12.....	20,741	12										
Do.....	Feb. 19.....	20,741	6										
Manchester, N. H.....	do.....	44,126	27	3									
Massillon, Ohio.....	Feb. 12.....	10,092	4										
Medford, Mass.....	Feb. 19.....	11,079	2										
Melrose, Mass.....	Feb. 12.....	8,519	3	1									
Middletown, N. Y.....	Feb. 15.....	11,977	8										
Middletown, Ohio.....	Jan. 8.....	7,681	2										
Do.....	Jan. 15.....	7,681	1										
Do.....	Jan. 22.....	7,681	4										
Do.....	Jan. 29.....	7,681	2	1									
Do.....	Feb. 5.....	7,681	1										
Do.....	Feb. 12.....	7,681	2										
Minneapolis, Minn.....	do.....	164,738	58	2					1			1	
Mobile, Ala.....	do.....	31,076	11	3									
Nashville, Tenn.....	Feb. 19.....	76,168	5										
New Bedford, Mass.....	do.....	40,733	28	6						1			
Newburyport, Mass.....	Feb. 12.....	13,947	5										
New Orleans, La.....	do.....	242,039	127	23					3		20		
New York, N. Y.....	Feb. 19.....	1,515,301	152						2	12	20	16	3
Norristown, Pa.....	do.....	19,791	4										
North Adams, Mass.....	do.....	16,074	4								1		
Omaha, Nebr.....	Feb. 12.....	140,452	17										
Oncota, N. Y.....	Feb. 19.....	6,272	3										
Orange, N. J.....	do.....	18,844	8	1						1			
Palmer, Mass.....	do.....	6,520	1										
Petersburg, Va.....	Feb. 20.....	22,680	4										
Philadelphia, Pa.....	Feb. 12.....	1,046,964	506	71					21	2	27	9	2
Pittsburg, Pa.....	do.....	238,617	127	12					6		3	2	2
Plainfield, N. J.....	Feb. 19.....	11,267	5	2									
Portland, Me.....	do.....	36,425	26	3							2		

a Estimated population, white, 23,870; colored, 36,295. Total, 65,165. b White, 2; colored, 25.
c White, 7; colored, 19.

MORTALITY TABLE, CITIES OF THE UNITED STATES—Continued.

[illegible]

Table of temperature and rainfall, week ended February 14, 1898.

[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.....	23	10	.....	.91	.....	.60
Portland, Me.....	25	9	.....	.91	.....	.73
Northfield, Vt.....	16	15	.....	.56	.....	.55
Boston, Mass.....	29	11	.....	.85	.....	.71
Vineyard Haven, Mass.....	33	7	.....	.84	.....	.61
Nantucket, Mass.....	30	7	.....	.70	.....	.65
Woods Hole, Mass.....	30	7	.....	.91	.....	.73
Block Island, R. I.....	32	7	.....	1.12	.....	.96
New Haven, Conn.....	30	9	.....	1.05	.....	.87
Albany, N. Y.....	25	11	.....	.70	.....	.70
New York, N. Y.....	32	10	.....	.98	.....	.90
Harrisburg, Pa.....	32	9	.....	.70	.....	.68
Philadelphia, Pa.....	34	12	.....	.84	.....	.81
New Brunswick, N. J.....	32	9	.....	1.08	.....	.90
Atlantic City, N. J.....	35	5	.....	.83	.....	.79
Baltimore, Md.....	37	7	.....	.84	.....	.78
Washington, D. C.....	36	8	.....	.84	.....	.84
Lynchburg, Va.....	40	7	.....	.91	.....	.91
Cape Henry, Va.....	44	0	.....	.84	.....	.84
Norfolk, Va.....	43	4	.....	.98	.....	.98
Charlotte, N. C.....	45	6	.....	1.12	.....	1.12
Raleigh, N. C.....	42	7	.....	.98	.....	.98
Kittyhawk, N. C.....	46	0	.....	.91	.....	.86
Hatteras, N. C.....	48	.....	.....	1.08	.....	.....
Wilmington, N. C.....	50	1	.....	.77	.....	.77
Columbia, S. C.....	49	2	.....	1.02	.....	1.02
Charleston, S. C.....	53	2	.....	.84	.....	.84
Augusta, Ga.....	50	3	.....	.98	.....	.98
Savannah, Ga.....	55	2	.....	.77	.....	.77
Jacksonville, Fla.....	59	2	.....	.77	.....	.77
Jupiter, Fla.....	67	1	.....	.63	.....	.50
Key West, Fla.....	71	.....	1	.42	.....	.38
Gulf States:						
Atlanta, Ga.....	48	5	.....	1.23	.....	1.23
Tampa, Fla.....	66	0	.....	.68	.....	.68
Pensacola, Fla.....	56	3	.....	.91	.....	.54
Mobile, Ala.....	55	4	.....	1.15	1.11	.....
Montgomery, Ala.....	53	3	.....	1.33	.....	.73
Vicksburg, Miss.....	52	13	.....	1.07	.28	.....
New Orleans, La.....	58	4	.....	1.12	.14	.....
Shreveport, La.....	50	8	.....	1.05	.28	.....
Fort Smith, Ark.....	39	14	.....	.93	.....	.61
Little Rock, Ark.....	43	10	.....	1.35	.....	.61
Palestine, Tex.....	48	11	.....	.91	2.83	.....
Galveston, Tex.....	56	3	.....	.77	.96	.....
San Antonio, Tex.....	54	7	.....	.49	.38	.....
Corpus Christi, Tex.....	56	6	.....	.63	.....	.10
Ohio Valley and Tennessee:						
Memphis, Tenn.....	44	12	.....	1.33	.....	.53
Nashville, Tenn.....	42	9	.....	1.33	.....	.90
Chattanooga, Tenn.....	45	3	.....	1.40	.....	1.35
Knoxville, Tenn.....	42	6	.....	1.33	.....	1.30
Louisville, Ky.....	38	11	.....	1.12	.....	.50
Indianapolis, Ind.....	32	12	.....	.91	.....	.65
Cincinnati, Ohio.....	36	12	.....	.98	.03	.....
Columbus, Ohio.....	32	14	.....	.98	.....	.39
Parkersburg, W. Va.....	32	15	.....	.77	.....	.41
Pittsburg, Pa.....	34	13	.....	.70	.....	.56
Lake Region:						
Oswego, N. Y.....	25	12	.....	.63	.....	.36
Rochester, N. Y.....	25	17	.....	.70	.....	.57
Buffalo, N. Y.....	25	16	.....	.70	.08	.....
Erie, Pa.....	28	14	.....	.91	.....	.09
Cleveland, Ohio.....	28	16	.....	.70	.....	.19
Sandusky, Ohio.....	29	16	.....	.76	.....	.28
Toledo, Ohio.....	28	18	.....	.54	.....	.06
Detroit, Mich.....	26	13	.....	.58	.01	.....
Lansing, Mich.....	25	13	.....	.49	.....	.37
Port Huron, Mich.....	23	14	.....	.62	.....	.24
Alpena, Mich.....	18	15	.....	.50	.....	.38
Sault Ste. Marie, Mich.....	14	17	.....	.35	.27	.....
Marquette, Mich.....	18	14	.....	.45	.....	.30
Green Bay, Wis.....	15	18	.....	.59	.....	.36

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

Table of temperature and rainfall, week ended February 14, 1898—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
Lake Region—Continued.						
Grand Haven, Mich.....	25	13		.56		.02
Milwaukee, Wis.....	22	14		.45	.02	
Chicago, Ill.....	27	13		.56	.13	
Duluth, Wis.....	14	12		.28	.03	
Upper Mississippi Valley:						
St. Paul, Minn.....	14	18		.21	.64	
La Crosse, Wis.....	19	14		.28		.14
Dubuque, Iowa.....	22	14		.35		.12
Davenport, Iowa.....	25	14		.38		.05
Des Moines, Iowa.....	22	11		.30	.21	
Keokuk, Iowa.....	28	15		.42		.01
Springfield, Ill.....	30	14		.89		.15
Cairo, Ill.....	39	12		1.01		.62
St. Louis, Mo.....	34	16		.67	.12	
Missouri Valley:						
Columbia, Mo.....	33	13		.63	.46	
Springfield, Mo.....	33	15		.88		.64
Kansas City, Mo.....	30	13		.46	.35	
Wichita, Kans.....	31	13		.28	2.76	
Concordia, Kans.....	27	11		.21		.07
Lincoln, Nebr.....	22	13		.21	.58	
Omaha, Nebr.....	23	10		.21	.15	
Sioux City, Iowa.....	17	10		.14	.11	
Yankton, S. Dak.....	18	12		.17	.51	
Valentine, Nebr.....	23	14		.18		.13
Huron, S. Dak.....	10	18		.14	.02	
Pierre, S. Dak.....	14	21		.07		.07
Moorhead, Minn.....	3	21		.21		.09
Bismarck, N. Dak.....	7	21		.14		.06
Williston, N. Dak.....	5	22		.11		.06
Rocky Mountain Region:						
Havre, Mont.....	9	27		.14		.13
Helena, Mont.....	21	19		.21		.21
Miles City, Mont.....	14	22		.14	.02	
Rapid City, S. Dak.....	21	18		.14		.06
Spokane, Wash.....	28	13		.49		.08
Wallawalla, Wash.....	37	12		.35		.08
Baker City, Oreg.....	25	8		.42		.32
Winnemucca, Nev.....	32	7		.23		.14
Salt Lake City, Utah.....	31	2		.30		.01
Lander, Wyo.....	21	7		.14		.14
Cheyenne, Wyo.....	25	8		.07		.07
North Platte, Nebr.....	23	16		.07		.07
Denver, Colo.....	31	5		.14	.47	
Pueblo, Colo.....	27	12		.10		.10
Dodge City, Kans.....	30	11		.14	.56	
Oklahoma, Okla.....	39	10		.21	2.14	
Amarillo, Tex.....	35	7		.35	.47	
Abilene, Tex.....	44	9		.35	.63	
Santa Fe, N. Mex.....	30	4		.21		.18
El Paso, Tex.....	48	1		.14		.10
Phoenix, Ariz.....	53	2		.26		.26
Pacific Coast:						
Fort Canby, Wash.....	41	5		1.60	1.04	
Portland, Oreg.....	40	7		1.54		.39
Roseburg, Oreg.....	41	8		1.29		1.17
Eureka, Cal.....	46	5		1.54		.69
Redbluff, Cal.....	47	5		.95		.51
Carson City, Nev.....	35	6		.37		.36
Sacramento, Cal.....	49	3		.77		.77
San Francisco, Cal.....	51	2				.77
Fresno, Cal.....	49	2		.28	.15	
Los Angeles, Cal.....	54	3		.86		.60
San Diego, Cal.....	54	0		.59		.53
Yuma, Ariz.....	58	2		.14		.14

a 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, January 1 to February 25, 1898.

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
India:				
Bombay	Nov. 24-Nov. 30.....	.....	4	
	Dec. 1-Jan. 11.....	.....	25	
Calcutta.....	Nov. 14-Dec. 4.....	.....	42	
	Dec. 5-Jan. 1.....	.....	31	
	Jan. 2-Jan. 8.....	.....	13	
Madras.....	Nov. 20-Dec. 10.....	.....	8	
	Dec. 4-Dec. 31.....	.....	11	
	Jan. 1-Jan. 14.....	.....	27	
Singapore.....	Nov. 1-Nov. 30.....	.....	1	

YELLOW FEVER.

Brazil:				
Bahia.....	Dec. 27.....	3	2	
	Dec. 29.....	6	1	
Ceara.....	Nov. 1-Nov. 30.....	.....	24	
Para.....	Dec. 12-Jan. 1.....	.....	22	
	Jan. 2-Jan. 15.....	.....	12	
	Jan. 31-Feb. 12.....	.....	1	
Rio de Janeiro.....	Nov. 21-Dec. 4.....	1	3	
	Dec. 5-Jan. 1.....	8	1	
	Jan. 1-Jan. 8.....	4	1	
	Jan. 2-Jan. 8.....	1	1	
Santos				
Cuba:				
Cienfuegos.....	Dec. 20-Jan. 2.....	.....	2	
	Jan. 3-Jan. 23.....	.....	1	
Habana	Dec. 17-Dec. 30.....	.....	6	
	Dec. 31-Jan. 27.....	.....	9	
	Jan. 28-Feb. 17.....	.....	3	
Manzanillo.....	Dec. 1-Dec. 31.....	.....	28	
	Jan. 1-Jan. 31.....	.....	9	
Matanzas.....	Dec. 15-Jan. 19.....	.....	4	
Regla.....	Dec. 31-Feb. 3.....	.....	7	
Sagua la Grande.....	Dec. 18-Jan. 20.....	.....	.....	Yellow fever prevailing, but impossible to obtain statistics.
Santiago de Cuba.....	Dec. 19-Jan. 29.....	.....	6	
Jamaica:				
Kingston.....	Dec. 19-Jan. 1.....	1	1	
	Jan. 2-Jan. 22.....	1	1	
St. Andrew.....	Dec. 19-Jan. 1.....	1	.....	
St. Catherine.....	Dec. 19-Jan. 1.....	1	.....	
St. Elizabeth.....	Dec. 19-Jan. 1.....	1	1	

PLAGUE.

China:				
Hongkong.....	Nov. 7-Nov. 20.....	2	2	
	Dec. 18-Jan. 1.....	2	2	
	Jan. 2-Jan. 8.....	2	1	
India:				
Bombay	Nov. 24-Nov. 30.....	.....	70	
	Dec. 1-Jan. 11.....	.....	1,308	
Japan:				
Taiwan (Formosa).....	Dec. 28-Jan. 21.....	32	.....	

SMALLPOX.

Bohemia:				
Prague.....	Dec. 12-Jan. 1.....	11	.....	
	Jan. 2-Jan. 29.....	40	.....	

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

SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Brazil:				
Pernambuco	Dec. 1-Dec. 25...	.....	8	
Rio de Janeiro.....	Nov. 21-Dec. 4...	10	.....	
	Dec. 5-Jan. 1...	9	1	
	Jan. 1-Jan. 8...	5	.....	
Canada:				
Mallesonneuve.....	Jan. 26-Feb. 16...	3	.....	
Montreal.....	Jan. 3-Jan. 12...	3	0	
	Feb. 11-Feb. 16...	1	.....	
China:				
Hongkong	Nov. 7-Dec. 4...	6	4	
	Dec. 5-Jan. 1...	11	8	
	Jan. 2-Jan. 8...	1	1	
Cuba:				
Cardenas.....	Dec. 19-Jan. 22...	.....	5	
Cienfuegos.....	Dec. 20-Jan. 2...	.....	7	
	Jan. 3-Jan. 23...	.....	19	
	Feb. 7-Feb. 13...	.....	14	
Habana.....	Dec. 17-Feb. 17...	.....	61	
Matanzas.....	Jan. 20-Feb. 9...	.....	6	
Sagua la Grande.....	Dec. 19-Jan. 29...	233	29	
	Jan. 30-Feb. 12...	80	15	
England:				
Liverpool.....	Jan. 15-Jan. 29...	3	.....	
	Feb. 1-Feb. 10...	1	.....	
Southampton.....	Jan. 8-Jan. 15...	1	.....	
Sunderland.....	Dec. 18-Jan. 8...	1	.....	
West Hartlepool	Jan. 9-Jan. 22...	5	.....	
Gibraltar.....	Dec. 6-Dec. 12...	1	.....	
	Dec. 27-Jan. 30...	2	.....	
India:				
Calcutta.....	Dec. 19-Dec. 25...	.....	1	
Madras.....	Nov. 27-Dec. 3...	.....	1	
	Dec. 4-Dec. 31...	.....	3	
	Jan. 1-Jan. 14...	.....	3	
Italy:				
Messina.....	Dec. 12-Jan. 8...	.....	5	
	Jan. 30-Feb. 5...	.....	1	
Japan:				
Aichi Ken.....	Dec. 28-Jan. 21...	2	.....	
Akita Ken.....	Dec. 28-Jan. 21...	2	1	
Awomori Ken.....	Dec. 28-Jan. 21...	4	.....	
Chiba Ken.....	Dec. 28-Jan. 21...	3	.....	
Fukui Ken.....	Dec. 28-Jan. 21...	1	.....	
Fukushima Ken.....	Dec. 28-Jan. 21...	8	2	
Iwate Ken.....	Dec. 28-Jan. 21...	8	2	
Kanagawa Ken.....	Dec. 28-Jan. 21...	3	.....	
Kochi Ken.....	Dec. 28-Jan. 21...	1	.....	
Miyagi Ken.....	Dec. 17-Dec. 27...	2	3	
	Dec. 28-Jan. 21...	9	.....	
Osaka Fu.....	Dec. 28-Jan. 21...	1	.....	
Saitama Ken.....	Dec. 17-Dec. 27...	1	.....	
Tokyo Fu.....	Dec. 28-Jan. 21...	2	.....	
Yehime Ken.....	Dec. 17-Dec. 27...	2	1	
The Hokkaido	Dec. 17-Dec. 27...	70	26	
	Dec. 28-Jan. 21...	106	32	
Netherlands:				
Amsterdam.....	Dec. 12-Dec. 24...	1	.....	
Rotterdam.....	Dec. 12-Dec. 31...	3	1	
	Jan. 1-Jan. 29...	1	.....	
Russia:				
Moscow.....	Nov. 23-Dec. 4...	1	1	
	Dec. 5-Dec. 11...	1	1	
	Jan. 1-Jan. 29...	8	3	
Odessa.....	Dec. 5-Jan. 1...	53	9	
	Jan. 2-Jan. 29...	34	7	
St. Petersburg.....	Dec. 4-Dec. 25...	35	13	
	Jan. 9-Jan. 22...	42	15	
Warsaw.....	Dec. 19-Jan. 29...	.....	32	
Scotland:				
Glasgow.....	Dec. 5-Dec. 25...	3	1	
Spain:				
Corunna.....	Jan. 1-Jan. 22...	.....	1	
Madrid.....	Dec. 22-Dec. 28...	.....	1	
Turkey:				
Constantinople.....	Jan. 10-Jan. 23...	.....	27	
Uruguay:				
Montevideo.....	Dec. 25-Jan. 1...	1	.....	
Wales:				
Cardiff.....	Dec. 18-Dec. 24...	1	.....	

CANADA.

Smallpox in Quebec.

MONTREAL, February 16, 1898.

The present status of smallpox in this Province is as follows:

Municipality.	County.	Population.	Date of outbreak.	New cases since last report.	Total cases since outbreak.	Died.	Recovered.	Still sick.	Houses infected since outbreak.	Houses still infected.
Montreal City.....		240,000	July 2	a 1	26	14	11	1	18	50
Westmount.....	Hochelaga.....	6,000	July 26	0	5	1	4	0	2	0
Ste. Cunégonde.....	do.....	8,000	Aug. 27	0	1	.....	1	0	1	0
Maisonneuve.....	do.....	2,500	Jan. 26	0	3	1	.....	2	1	50

a In one of the families who were quarantined for intercourse with the Maisonneuve case previous to its diagnosis.

b Except the isolation hospital.

Yours, respectfully,

ELZÉAR PELLETIER,

Secretary Board of Health of the Province of Quebec.

CUBA.

Smallpox and yellow fever in Cuban seaports.

February 16: The United States consul at Cardenas reports that during the week ended February 12, there was in that city no death from yellow fever and no death from smallpox.

February 14: The United States consul at Cienfuegos reports that during the week ended February 13, there were in that city no deaths from yellow fever and 14 deaths from smallpox.

February 18: The United States sanitary inspector at Habana reports that during the week ended February 17 there were in that city 1 death from yellow fever and 12 deaths from smallpox.

February 6: The United States consul at Manzanillo reports that during the two weeks ended January 31 there were in that city 4 deaths from yellow fever and no deaths from smallpox.

February 11: The United States consul at Matanzas reports that during the two weeks ended February 9 there were in that city 4 deaths from smallpox and no deaths from yellow fever.

February 18: The United States sanitary inspector at Habana reports that during the week ended February 17 there was in the city of Regla no death from yellow fever and no death from smallpox.

February 14: The United States consul at Sagua la Grande reports that during the week ended February 12 there were in that city 80 cases of smallpox and 15 deaths therefrom, and several cases of yellow fever, concerning which it is impossible to obtain correct statistics.

February 12: The United States consul at Santiago de Cuba reports that during the week ended February 12 there were in that city no deaths from yellow fever and no deaths from smallpox.

Sanitary report from Habana.

HABANA, February 18, 1898.

SIR: I have the honor to submit the following report for the week ended Thursday, February 17, 1898, with a table showing the mortality for that period in the city of Habana and town of Regla. The mortality of the week shows a marked decrease, compared with previous weeks:

But one death occurred from yellow fever, and that one in a military hospital. Smallpox has attacked the patients in several of the civil hospitals, where pauper patients are cared for. The two hospitals known as the Mercedes and Quinta del Rey are badly infected.

There is evidently an outbreak in the institution known as Aldecoa, which many of the reconcentrados are housed.

But few deaths have occurred among the portion of the pauper classes until recently, and unless effective measures not often adopted here are taken, a high death rate from the disease will follow, as these people possess but little vitality.

Deaths from intestinal diseases are decreasing somewhat, and there is evidently a larger and better supply of food here now than at any time during the past six months.

The disaster to the U. S. S. *Maine* occurring in this harbor Tuesday night, which caused so many serious injuries and deaths to her crew, made it necessary to offer our services to Captain Sigsbee, the commanding officer, as soon as possible. I instructed assistant sanitary inspector D. E. Dudley to report to Surgeon Heneberger, of the *Maine*, for duty, and finally, at the request of Captain Sigsbee, I instructed him to proceed to Key West on the steamship *Olivette* to care for the injured men sent on that vessel.

I have offered our services and the use of the naphtha launch *Gamma* for any future emergency and it was used to-day to convey 10 of the injured men from San Ambrosio Hospital to the light-house tender *Mangrove*. This vessel also proceeded to Key West.

In this connection I would state that no mattresses, bed clothes, or clothing of any description from this hospital were allowed to go on either vessel, and I would further add that in the removal of any more men from this hospital that they be sent to Dry Tortugas instead of to Key West. San Ambrosio is an antiquated stone structure situated within 100 yards of the Tallapiedra Wharf; it has been used for years as a military hospital, and in my opinion is badly infected with yellow fever, and it would be most imprudent to allow nonimmune patients from there to proceed direct to any port in the United States at any season of the year.

Very respectfully,

W. F. BRUNNER,
Sanitary Inspector, U. S. M. H. S.
The SUPERVISING SURGEON-GENERAL,
U. S. Marine-Hospital Service.

NOTE.—Request has been made, through the Surgeon-General of the Navy, that Surgeon Hennenberger, attached to the *Maine*, confer with Sanitary Inspector Brunner with regard to all precautions necessary to be taken to prevent the conveyance of epidemic diseases to the United States, particularly to southern ports, through the medium of wounded or other persons leaving Habana for the United States. Instructions

have been sent to Captain Sigsbee of the *Maine* that if any more wounded are to be sent away from Habana they shall go to Tortugas.

[Inclosure No. 1.]

Mortality of the city of Habana and town of Regla for the week ended Thursday, February 17, 1898.

Cause of death.	Habana.	Regla.	Total.
Yellow fever.....	1		1
Enteric fever.....	13		13
Pernicious fever.....	8		8
Malarial fever.....	14	5	19
Smallpox.....	12		12
Enteritis.....	60	9	69
Dysentery.....	44	22	66
Diarrhea.....	5	3	8
Caquexia paludica.....	10	1	11
Pneumonia.....	7		7
Tuberculosis.....	58	6	64
Meningitis.....	6	1	7
Deaths from all causes.....	331	59	390
Deaths in military hospitals.....	84	42	126
Deaths in military hospitals from yellow fever.....	1	0	1
Annual ratio per 1,000.....			101.40

[Inclosure No. 2.]

Number of persons applying for passenger certificates.

	Granted.	Refused.
Florida:		
Key West.....	21	
Tampa.....	48	
New York (Ward Line).....	19	
New Orleans.....	14	
Total.....	102	

Sanitary report from Santiago.

SANTIAGO DE CUBA, *February 12, 1898.*

SIR: I have the honor of submitting the following report on the sanitary condition of Santiago de Cuba for the week ended February 12:

Ninety-three deaths have been reported, 5 more than last week. Of these 4 were from tuberculosis, 7 from dysentery, 6 from enteritis, 3 from typho malaria, 10 from pernicious and 8 from remittent fevers, 27 from anæmia and dropsy; the rest from noncontagious or noninfectious diseases.

No cases of yellow fever have been reported and no deaths from it have taken place for the last two weeks. Malarial fevers of all kinds prevail epidemically, but we expect to subdue the epidemic with the quinine sent from the United States, and by enforcing strict hygienic measures, such as perfect cleanliness of the streets and burning all the refuse matter from houses, stables, etc.

Respectfully,

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

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

HAITI.

Contradiction of report of yellow fever at Cape Haitien.

[Report No. 36.]

UNITED STATES CONSULATE,
CAPE HAITIEN, *February 2, 1898.*

SIR: I have the honor to acknowledge the receipt of your dispatch, dated January 22, last, with initials G. T. V., and beg to reply, with regard to the cable dispatch of the United States Legation at Port au Prince, published in the PUBLIC HEALTH REPORTS of November 12, page 1239, that as no report of any yellow fever case did emanate from this consulate, it is to be supposed that such a report came from some outside source, for which there was not the least foundation, as I can certify that no case whatever of yellow fever has occurred in this port, nor in the surrounding country since my arrival here in April last, and I beg you to rest assured that if any case of yellow fever had occurred I should have reported it at once to your Bureau.

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

LEONARD C. H. SCHLEMM,
United States Consul.

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

JAMAICA.

Résumé of yellow fever in Jamaica, July to December, 1897.

DEPARTMENT OF STATE,
Washington, January 27, 1898.

SIR: I have the honor, by direction of the Secretary of State, to inclose for the * * * information of the Marine-Hospital Service a copy of a dispatch from the consul at Kingston, Jamaica, containing a history of the yellow fever epidemic in Jamaica.

Respectfully, yours,

ALVEY A. ADEE,
Second Assistant Secretary.

Hon. SECRETARY OF THE TREASURY.

[Inclosure.]

CONSULATE OF THE UNITED STATES,
Kingston, Jamaica, January 18, 1898.

SIR: I have the honor to report that upon Thursday, 13th instant, I gave to this port a clean bill of health, in the language following:

The malignant types of fever have died out, there being no case since the 1st of January. The port is ordinarily healthful.

On the 14th instant I advised the colonial secretary of my action, stating that I did not feel warranted in using the broad expression that the health of the port is good, owing to the present condition of many of the streets and lanes in Kingston. * * *

The Surgeon-General of the Marine-Hospital Service expressed to me a desire that I should investigate the origin of the disease. Latterly, since my return, and when the knowledge of the disease had become publicly known, the regular superintending medical officer having assumed charge of his department, I have been furnished with detailed information which, prior thereto, it was impossible for me to obtain. I inclose herewith several tabulated statements. In No. 1 will be found a summarized abstract of the weekly reports to me by the island medical department. The total of cases in Kingston hospital shown by these reports for the six months from July to December,

inclusive, is 35, and deaths 18. In Table No. 2, which is an abstract of the monthly reports of deaths in Kingston made to me by the Registrar-General, the number of deaths during the same period from yellow fever is found to be 36, or just double that shown by the weekly reports.

On December 30 the colonial secretary furnished to me a statement of the cases that occurred on the island to December 18, not including the last two weeks of the above period of six months. From this statement, included in Table No. 3, it is seen that there were 104 cases and 40 deaths, of which 20 cases and 11 deaths were among the troops, leaving 84 cases and 29 deaths as against the 35 cases and 18 deaths reported in the weekly returns, the deaths (29) still showing less than the number (36) for the full period of six months reported by the Registrar.

On December 31 the superintending medical officer furnished to me a detailed statement of the cases in hospital to December 4. These are included in Table No. 4, and the period, lacking three weeks of the full six months, shows 35 cases and 18 deaths, the number shown by the weekly returns for the full period. At the same time he furnished me a statement (No. 5) of the cases among the troops, being the first authentic information I had of the extent of the fever among the troops, and showing 28 cases and 16 deaths, instead of 20 cases and 11 deaths reported by the colonial secretary. * * *

The history of the 2 sailors who were first taken ill is briefly as follows :

Frederick Pick. First visit to Jamaica. Arrived at Montego Bay about June 9, in steamship *Annersley*. Was taken on the boat at Tampico—date unknown. Tramped from Montego Bay to Kingston and slept every night at the Sailors' Home from June 21 to July 9. Sent to hospital with yellow fever July 10.

Charles Hoffman. First visit to Jamaica. Left New York in steamship *Alene* June 4 ; arrived at Kingston June 10. Slept regularly at the Sailors' Home. Admitted to hospital on the fifth day of illness, July 13.

This will indicate that they did not bring the disease to the island, but contracted it in locality above indicated, and from them it is probable the infection spread.

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

LOUIS A. DENT,
U. S. Consul.

Hon. ASSISTANT SECRETARY OF STATE.

JAPAN.

Report on dysentery for year 1897.

YOKOHAMA, January 27, 1898.

SIR: I have the honor to forward herewith a translation of the preliminary report of the Japanese bureau of sanitary affairs upon the epidemic of dysentery of 1897. It is noticeable that the total number of cases and rate of mortality are in close agreement with the statistics of the same disease for 1896.

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

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

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

[Inclosure.]

Preliminary report of occurrence of epidemic dysentery in Japan during the year 1897.

Locality.	Dysentery.		Locality.	Dysentery.	
	Cases.	Deaths.		Cases.	Deaths.
Kioto Fu.....	832	211	Nagano Ken.....	5,316	1,234
Osaka Fu.....	1,141	181	Nagasaki Ken.....	569	105
Tokyo Fu.....	7,029	1,248	Nara Ken.....	148	44
Aichi Ken.....	2,588	574	Niigata Ken.....	7,580	1,794
Akita Ken.....	73	17	Oita Ken.....	587	144
Awamori Ken.....	1,490	248	Okayama Ken.....	1,522	485
Chiba Ken.....	3,148	847	Okinawa Ken.....	4	.....
Fukui Ken.....	513	210	Saga Ken.....	131	50
Fukuoka Ken.....	926	165	Saitama Ken.....	1,492	1,298
Fukushima Ken.....	534	83	Shidzuoka Ken.....	6,430	1,744
Gifu Ken.....	1,207	333	Shiga Ken.....	496	140
Gumma Ken.....	5,717	1,266	Shimane Ken.....	1,642	517
Hiogo Ken.....	670	163	Tochigi Ken.....	1,349	350
Hiroshima Ken.....	1,678	678	Tokushima Ken.....	862	274
Ibaraki Ken.....	1,286	367	Tottori Ken.....	845	206
Ishikawa Ken.....	247	84	Toyama Ken.....	70	32
Iwate Ken.....	1,136	242	Wakayama Ken.....	364	80
Kagawa Ken.....	1,959	655	Yamagata Ken.....	191	56
Kagoshima Ken.....	1,189	242	Yamaguchi Ken.....	1,609	435
Kanagawa Ken.....	6,377	1,365	Yamanashi Ken.....	9,549	2,071
Kochi Ken.....	526	105	Yehime Ken.....	2,017	463
Kumamoto Ken.....	1,349	236	The Hokkaido.....	33	14
Miyagi Ken.....	1,062	286	Taiwan (Formosa).....	(a)	.....
Miyazaki Ken.....	593	93			
Miye Ken.....	770	180	Totals.....	89,846	22,520

a No report.

STATISTICAL REPORTS.

BAHAMAS—*Dunmore Town*.—Two weeks ended February 11, 1898. Estimated population, 1,472. Total deaths, 2. No deaths from contagious diseases.

Governors Harbor.—Two weeks ended February 12, 1898. Estimated population, 1,500. One death. No death from contagious disease.

Green Turtle Cay—Abaco.—Two weeks ended February 10, 1898. Estimated population, 3,900. No deaths.

BERMUDA.—Week ended February 5, 1898. Estimated population, 15,013. One death. No death from contagious disease.

CUBA—*Manzanillo*.—Two weeks ended January 31, 1898. Estimated population, 20,000. Total deaths, 118, including 4 from yellow fever.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 33 great towns in England and Wales during the week ended February 5 correspond to an annual rate of 19.2 a thousand of the aggregate population, which is estimated at 11,218,378. The highest rate was recorded in Plymouth, viz, 23.7, and the lowest in Bolton, viz, 11.1.

London.—One thousand eight hundred and sixty-one deaths were registered during the week, including measles, 80; scarlet fever, 12; diphtheria, 42; whooping cough, 64; enteric fever, 8, and diarrhea and dysentery, 17. The deaths from all causes correspond to an annual rate of 21.5 a thousand. In greater London 2,361 deaths were registered, corresponding to an annual rate of 19.2 a thousand of the population. In the "outer ring" the deaths included 15 from diphtheria, 8 from measles, 3 from scarlet fever, and 17 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended February 5 in the 23 principal town districts of Ireland was 26.3 a thousand of the population. The lowest rate was recorded in Clonmel, viz, 4.9, and the highest in Carrickfergus, viz, 46.7 a thousand. In Dublin and suburbs 220 deaths were registered, including enteric fever, 7; scarlet fever, 2, and whooping cough, 3.

Scotland.—The deaths registered in 8 principal towns during the week ended February 5 correspond to an annual rate of 18.0 a thousand of the population, which is estimated at 1,568,536. The lowest mortality was recorded in Leith, viz, 15.0, and the highest in Glasgow, viz, 18.7 a thousand. The aggregate number of deaths registered from all causes was 543, including measles, 8; scarlet fever, 6; diphtheria, 8, and whooping cough, 21.

GUIANA (DUTCH)—*Paramaribo.*—Month of November, 1897. Estimated population, 30,535. Total deaths, 82. Deaths from contagious diseases not reported.

Month of December, 1897. Total deaths, 79. Deaths from contagious diseases not reported.

ST. HELENA.—Four weeks ended January 15, 1898. Estimated population, 3,600. Total deaths, 5. No deaths from contagious diseases.

MORTALITY TABLE, FOREIGN CITIES.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—								
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Acapulco	Feb. 5.	7,000	6									
Aix la Chapelle	Jan. 29.	127,069	51									3
Amherstburg	Feb. 12.	2,300	0									
Do	Feb. 19.	2,300	0									
Amsterdam	Feb. 5.	503,045	158									1
Belfast	Jan. 29.	304,610						11		1	1	1
Do	Feb. 5.	304,610	156					12		1	3	1
Belize	Feb. 11.	13,000	6									
Belleville	Feb. 7.	10,399	3									
Do	Feb. 14.	10,399	4									
Berlin	Jan. 22.	1,728,201	556						4	22		
Birmingham	Feb. 5.	505,772	205						2	1	3	9
Bluefields	do	3,000	0									8
Bradford	Jan. 29.	230,260	77						2			3
Do	Feb. 5.	230,260	64									3
Bremen	Jan. 29.	143,500	49								3	
Bristol	Feb. 5.	316,900	117									2
Brussels	Jan. 29.	531,014	192						2	2	7	1
Calcutta	Jan. 8.	681,560	427	13								
Cardenas	Feb. 12.	23,517	55				1	24				
Cardiff	Jan. 8.	177,770	43						1	1	2	1
Do	Jan. 15.	177,770	43							4	2	
Do	Jan. 22.	177,770	46									
Do	Jan. 29.	177,770	47						1	5	2	1
Do	Feb. 5.	177,770	62							7	3	2
Catania	Feb. 3.	120,000	56					1				
Chemnitz	Jan. 29.	172,840	73				2			1		
Cienfuegos	Feb. 13.	24,030	89		14							
Cologne	Jan. 29.	340,883	132							4	6	1
Copenhagen	do	340,883	102							1		4
Demerara	Dec. 4.	86,250	27									
Do	Dec. 11.	86,250	42									
Do	Dec. 18.	86,250	44									
Do	Dec. 25.	86,250	37									
Do	Jan. 1.	86,250	82									
Dresden	Jan. 15.	377,500	111									
Do	Jan. 22.	377,500	123							4	3	1
Dublin	Jan. 30.	350,000	194						6	3	1	3
Do	Feb. 5.	350,000	220						7	2		4
Dusseldorf	Jan. 29.	191,605	53				1					3
Edinburgh	do	295,628	90							3		5
Do	Feb. 5.	295,628	102						1	2	2	2
Flushing	do	17,193	6									
Frankfort on the Main	do	244,000	60									
Funchal	Jan. 30.	35,660	25									
Ghent	Feb. 5.	161,125	75									1
Gibraltar	Jan. 30.	25,900	10									
Girgenti	Jan. 22.	24,428	13									
Do	Jan. 29.	24,428	7									
Glasgow	do	724,349	251						2	1	1	6
Do	Feb. 5.	724,349	260						2	4	5	7
Guayaquil	Feb. 4.	50,000	26									
Halifax	Feb. 12.	38,700	21									
Hamburg	Feb. 5.	661,015	209									
Havre	Feb. 22.	119,470	84						1		5	1
Do	Feb. 29.	119,470	71							1		
Hongkong	Jan. 1.	261,258	93		2				2			
Do	Jan. 8.	261,258	89	1								
Honolulu	Jan. 22.	30,000	12						1			
Do	Jan. 29.	30,000	19								1	
Kingston, Canada	Feb. 18.	19,000	3									
Leeds	Feb. 5.	416,618	147							5	5	4
Leghorn	do	104,053	41						1			11
Leith	Jan. 29.	76,277	14									
Do	Feb. 5.	76,277	22							1		
Licata	Jan. 29.	20,000	10									
Liege	do	166,110	65						2			
Liverpool	do	647,489	233						1	7	3	1
Do	Feb. 10.	647,489	250							6	4	9
Livingston	Feb. 5.	2,000	1									
London, Canada	Jan. 29.	40,000	10						1			
Do	Feb. 5.	40,000	8								1	
Do	Feb. 12.	40,000	9								1	

a Two cases and 1 death from plague.

MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated popula- tion.	Total deaths from all causes.	Deaths from—								
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
London, England.....	Jan. 29.....	6,408,321	2,291					16	20	51	95	108
Madrid.....	Feb. 2.....	487,169	306					4		5	5	
Magdeburg.....	Jan. 8.....	221,774	87						1			1
Manchester.....	Jan. 29.....	541,286	185					2	1	1	3	
Do.....	Feb. 5.....	541,286	174					3	4		2	2
Mannheim.....	Jan. 29.....	101,500	45					1	1	1		
Matamoras.....	Feb. 11.....	16,304	6									
Matanzas.....	Jan. 26.....	50,000	125		1			4				1
Do.....	Feb. 2.....	50,000	137			1						
Do.....	Feb. 9.....	50,000	171		4			3				
Mayence.....	Jan. 29.....	76,984	32								2	
Do.....	Feb. 5.....	76,984	34								5	
Melbourne.....	Dec. 18.....	450,000						3		1		
Do.....	Dec. 25.....	450,000								3		
Do.....	Jan. 1.....	450,000						4	1	1		
Do.....	Jan. 8.....	450,000						4		2		
Messina.....	Feb. 5.....	107,000	37			1		1	1	1		
Montevideo.....	Jan. 8.....	215,061						1				
Moscow.....	Jan. 29.....	1,000,000	486			1			12	19	2	1
Munich.....	Jan. 22.....	430,000	185					1		10	3	3
Do.....	Jan. 29.....	430,000	193						1	4	2	2
Naples.....	Feb. 5.....	570,000	354					8				
Newcastle-on-Tyne.....	Jan. 29.....	212,223	74					1		1	2	1
Do.....	Feb. 5.....	212,223	66						2			
Nuremberg.....	Jan. 22.....	183,397	74					1				
Odessa.....	Jan. 29.....	383,000	153			2		2	1	1	6	
Palermo.....	Jan. 22.....	273,000	112									1
Do.....	Jan. 29.....	273,000	109							3		
Paris.....	Jan. 23.....	2,511,955	1,058					8	1	3	6	2
Plymouth.....	Feb. 5.....	97,658	45							1		
Prague.....	Jan. 29.....	195,919	118					3	2	1	3	
Port au Prince.....	Jan. 10.....	60,000	31									
Do.....	Jan. 17.....	60,000	29									
Do.....	Jan. 24.....	60,000	21									
Do.....	Feb. 1.....	60,000	18									
Puerto Cortez.....	Feb. 9.....	2,000	0									
Quebec.....	Feb. 12.....	72,000								2		
Rotterdam.....	Feb. 5.....	298,432	114							4	1	
Sagua la Grande.....	do.....	17,536	107			10						
Do.....	Feb. 12.....	17,536	84			5						
St. Georges.....	Feb. 5.....	2,150	0									
St. Stephens.....	Feb. 12.....	3,000	0									
Do.....	Feb. 19.....	3,000	0									
San Juan del Norte.....	Feb. 5.....	1,156	0									
Schiedam.....	do.....	26,854	9									
Sheffield.....	do.....	356,770	118					2	2		4	8
Sonneberg.....	Jan. 22.....	12,400	3									
Do.....	Jan. 29.....	12,400	4									
Southampton.....	Feb. 5.....	100,886	33									
South Shields.....	Jan. 29.....	98,922	35						2			1
Do.....	Feb. 5.....	98,922	35					1				1
Stettin.....	do.....	150,000	74						2	1	2	
Stockholm.....	Feb. 1.....	274,611	84					4	1	6		1
Stuttgart.....	Feb. 3.....	162,934	71									
Sunderland.....	Jan. 29.....	143,849	43					2			5	1
Do.....	Feb. 5.....	143,849	42						1	1	2	
Tegucigalpa.....	Jan. 29.....	12,000	4									
Trapani.....	Jan. 22.....	45,095	16									
Do.....	Jan. 29.....	45,095	17									
Trieste.....	do.....	165,000	100					1	2	3		
Tuxpan.....	do.....	10,280	9									
Venice.....	Jan. 8.....	166,069	89					1		1		
Do.....	Jan. 29.....	166,069	113									
Vera Cruz.....	Feb. 10.....	30,000	26									
Vienna.....	Jan. 15.....	1,574,129	610					1	5	15		
Warsaw.....	Jan. 29.....	601,408				7		2	7	3	2	1
Zurich.....	Jan. 22.....	158,968	63			1				2	2	
Do.....	Jan. 29.....	158,968	72			2				1	5	

By authority of the Secretary of the Treasury :

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