

Public Health Reports

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UNITED STATES.

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

Smallpox in the United States.

CALIFORNIA.

San Diego.—Assistant Surgeon Cofer telegraphs February 18, that the health officer of San Diego suspected a case of smallpox.

February 19, he telegraphs "smallpox is now present in San Diego. One case, 1 death ; 8 very suspicious on same premises."

DISTRICT OF COLUMBIA.

Washington.—February 15. Health Officer Woodward reports the discovery of 4 new cases to-day—making 15 at present in the city. Total number of premises in quarantine, 11.

February 16. One new case of smallpox, 2 suspects, 12 premises in quarantine.

February 19. Since 16th 3 new cases, 2 discharged cured. Total number of cases under treatment, 17. Two new houses placarded and 1 released from quarantine, leaving 13 premises in quarantine, including the male workhouse and 1 of the dormitories of the Central Union Mission.

February 21. Two new cases. Under treatment, 19. Suspicious cases, 2. One house released from and 14 still in quarantine.

February 22. One new case, 3 suspicious cases. Under treatment, 20. Premises in quarantine, 14.

LOUISIANA.

New Orleans.—Passed Assistant Surgeon J. A. Nydegger reports as follows :

February 18. Two roustabouts from steamer *John K. Speed* were sent to the pesthouse with eruptions suggesting smallpox. The *Speed* reached New Orleans from Cincinnati February 13, and the roustabout crew was discharged immediately.

February 15. Acting Assistant Surgeon Landry visited the vessel and vaccinated the officers and crew as far as possible.

February 17. A case of smallpox was sent to the pesthouse.

February 19 and 20. Each roustabout from this vessel was sent to the pesthouse with eruptions suggesting smallpox. The city health officials have taken proper precautions by vaccination and a house-to-house inspection.

MISSOURI.

ST. LOUIS, MO., *February 13, 1899.*

SIR: You are hereby informed that the situation in regard to smallpox in Missouri is as follows: St. Louis, 15 cases, 2 deaths; in Carroll County, 33 cases, 5 deaths; source of infection undetermined. Precautions taken, quarantine and vaccination.

E. L. STANDLER, M. D.,
Secretary, State Board of Health of Missouri.

NORTH CAROLINA.

RALEIGH, N. C., *February 16, 1899.*

SIR: You are hereby informed that 3 cases of smallpox have been reported to this office as existing in Chowan; 2 in Columbus County. The origin of the disease in first 2 is not stated; in the last, from Sumter, S. C. Precautions taken—the usual.

RICHARD H. LEWIS,
Secretary, State Board of Health of North Carolina.

OHIO.

CINCINNATI, OHIO, *February 11, 1899.*

SIR: I have the honor to report a case of smallpox in this hospital. The patient, a colored roustabout, John Maxwell, was admitted to this hospital February 9 with influenza symptoms, but this morning the characteristic eruption of smallpox made its appearance. The city health officer was notified, and he was removed to the pesthouse. All precautions will be taken.

Respectfully, yours,

J. W. STEVENSON,
Acting Assistant Surgeon, U. S. M. H. S.

CINCINNATI, OHIO, *February 16, 1899.*

SIR: I have the honor to report a case of smallpox in this hospital. The patient, a colored roustabout, George Robinson, was admitted to this hospital February 7, suffering with a sprained kneejoint. He has been a suspect since February 11, having been exposed to the patient that was removed from this hospital on that day suffering with smallpox. This morning the characteristic eruption appeared, and through

the city health officer he was removed to the pesthouse. All necessary precautions will be taken.

Respectfully, yours,

J. W. STEVENSON,
Acting Assistant Surgeon, U. S. M. H. S.

COLUMBUS, OHIO, *February 9, 1899.*

SIR: The undersigned begs leave to report that since February 1, 1899, 9 cases of varioloid have been detected in our city, each one a colored young man between the ages of 20 and 30 years, and unmarried, except 1. The source of the outbreak could be traced to one block of old, dilapidated houses, bounded by 2 streets and 2 alleys, near the main business center of our city. Said block is inhabited by the lowest and filthiest class of white and colored people, composed of prostitutes and gamblers. The business carried on there is, besides that indicated, saloons, pawnbroker shops, etc.

The first case came to our knowledge February 1; 1 of the colored men in a low dive of the above-mentioned "bad lands" was arrested on the night of January 31, and placed in the city prison. Next morning it was found that he had a suspicious eruption all over his face and part of the body, which, as he stated, he has had for several days; he felt febrile and sick, yet he was able to be up and about. He was at once isolated. The next case was found February 3 in a charity hospital where he had been sent the day previous by a physician. He was at once removed to the pesthouse, a rickety barn-like shanty on the infirmary grounds, about three miles from the city. As in all other cases the eruption (moderate) had been out for several days. February 5, 3 more cases were found; 1 in another hospital, where he had been sent by a physician for hemorrhage of the lungs, although he had a distinct suspicious eruption in his face. The second case of the three was found in the above-mentioned district; both cases were taken to the pesthouse. The third is baggageman at the Union Depot, is married and owns his own home; as he is able to provide for himself he was simply quarantined in his own house.

Since February 5, 4 more cases were detected and removed to the pesthouse, with the exception of 1, a hostler for a wealthy citizen, who took pity on him and left him in his room in the barn, which is isolated.

The fact that all these cases developed within a week shows that they must have had a common origin. I was informed that middle of January a few cases of chicken pox had occurred among some of the population of that district, but I could not ascertain anything positive. We hope to stamp it out before long. All cases are doing well, with the exception of the one who had pulmonary hemorrhages; he is very low, on account of tuberculosis.

Respectfully submitted.

J. B. SCHUELLER, M. D.,
Superintendent of Health, Columbus, Ohio.

P. S.—After closing my letter a fresh case was reported to me, likewise a colored man; he is poor, and married. I shall send him to the pesthouse at once.

PENNSYLVANIA.

PHILADELPHIA, PA., *February 11, 1899.*

SIR: Since my last report of January 23, 1899, smallpox has been reported in Pennsylvania, as follows: Bedford County, West Providence Township, 1 case; Liberty Township, 5 miles west of Saxton, 3 cases. Bedford cases all recovered, last house disinfected, disinfection of mails

discontinued by order of State board of health. Philadelphia County, Philadelphia, 1 case; Blair County, Altoona, case recovered and house disinfected.

Yours very truly,

BENJAMIN LEE, M. D.,
Secretary, State Board of Health of Pennsylvania.

RHODE ISLAND.

PROVIDENCE, R. I., *February 21, 1899.*

Dr. Swarts, secretary of the State board of health, reports 1 case of smallpox in the person of a freight handler on the Norfolk and Baltimore steamship docks. He came from Newport News, Va., where he staid one night.

TENNESSEE.

NASHVILLE, TENN., *February 16, 1899.*

SIR: I have to acknowledge receipt of a number of additional copies of "Supplement" to PUBLIC HEALTH REPORTS of January 6, 1899, and for which please accept the thanks of the Tennessee State board of health.

Upon February 14 there were reported 7 cases of smallpox (colored) from Jackson, Madison County. Since February 11 there have been reported 6 cases of smallpox (colored) from the city of Memphis, Shelby County.

Very respectfully,

J. A. ALBRIGHT, M. D.,
Secretary and Executive Officer, Tennessee State Board of Health.

TEXAS.

EAGLE PASS, TEX., *February 7, 1899.*

SIR: Since my last report I have the honor to state that one Francisco Baldonado (Mexican) was refused admission into the United States on February 1, 1899, said F. Baldonado coming directly from a district in Mexico which is infected with smallpox. I met this man on the footbridge, just this side of the Mexican line. No person has as yet conveyed smallpox here from Mexico, nor is it likely that such a thing will happen, as our quarantine is very rigid.

There are rumors afloat to the effect that smallpox is existing in the little Mexican town of Mor Ral, a few miles from here up the river.

I shall immediately investigate, and will, in all probability, find smallpox. Owing to the secretiveness of the Mexicans generally, it may take me a few days to learn the truth. However, I will learn it. All necessary precautions will be taken to insure the safety of this locality.

I have the honor to remain, respectfully, yours,
LEA HUME,
Acting Assistant Surgeon, U. S. M. H. S.

LAREDO, TEX., *February 7, 1899.*

SIR: The quarantine inspectors are having a very lively time at the footbridge, as the majority of persons passing claim the right to pass without examination as to vaccination act. One man of the lower class (Mexican) escaped the quarantine officer after threatening to kill him, but the United States customs inspector nabbed him, and he is now in jail. The United States commissioner here said he had not jurisdiction,

so I wired the United States district attorney for this district for instructions. Anyway, if he gets out a habeas corpus I will send him across the frontier and keep him there until vaccinated, but I would like our quarantine proceedings to be backed up if possible.

The smallpox at Laredo, Tex., is about under control. No new cases to-day. I think the vigorous vaccination is now having its effect.

The through train from the city of Mexico on the Mexican National Railroad gets here and crosses the river before daylight by their new time card. It arrives at International Bridge for inspection at 6.15 a. m., which is fully one hour before daylight. The light they have in the third-class coach is imperfect. Mr. Giles, the United States immigrant inspector, complained that it was contrary to his regulations, but the Bureau stated that he could use his discretion. The railroad company, it appears, does not care anything about the regulations. I found a person in the incipient stage of smallpox the other day on the day train, and it is doubtful if I should have detected said case on the early train in third-class coach. I have told railroad employees of the imperfect light on said coaches and it has not been remedied. Please wire me if I should detain train so as to inspect by daylight. Postmaster has spoken to me if it would be advisable to disinfect mail going from Laredo, Tex. It might be, although the class of people who now have the smallpox I do not think write letters, but still there possibly might be a few. I told the postmaster that I would show any of his employees how to disinfect the mail if it was deemed necessary, and that any person with ordinary intelligence ought to be able to disinfect after once being shown how to do it. I intend to use formalin if he asks me. Will you please send me circular as to United States mail disinfection by United States Marine-Hospital Service, so that I may get some points from it? Also please send a perforator if necessary to postmaster at Laredo, Tex. I was informed to-day that there were 21 new cases of smallpox at Nuevo Laredo, Mexico, yesterday. I was also informed that there are deaths daily from smallpox at C. Porfirio Diaz, Mexico, although I notice by HEALTH REPORTS no cases are being found there, but may be this report is much later.

The Mexican authorities are following our example, and now have a quarantine officer at Mexican end of bridge, vaccinating, so that anyone crossing international foot bridge is pretty sure to get vaccinated either going or coming. I am pleased that they have done so, as it shows the authorities, at least, are not asleep.

Respectfully, yours,

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

LAREDO, TEX., *February 12, 1899.*

SIR: I continue to inspect all passenger trains from Mexico and vaccinate all immigrants, second and third class passengers when necessary, viz, those that have not recent vaccine scars and have not previously had smallpox. Those in the Pullman cars are sworn as to recent vaccination and exposure and as yet I have not been required to vaccinate any; but as second and third class passengers are more liable to have come in contact with or been exposed to contagion, I personally examine each person for vaccination scars or marks from smallpox. I have my doubts as to travelers always telling the truth. I have found that 20 to 30 per cent of matured Mexicans have had smallpox.

The quarantine inspector of the State of Texas is having the baggage of third-class passengers disinfected; at least he disinfects the quilts,

blankets, and doubtful-looking clothing which the person is not wearing at the time. At present he is working at a disadvantage on account of having no suitable place convenient.

On the Mexican side of the border there is a very good steam disinfecter, with dressing and waiting rooms for passengers, and it is on railroad at the Mexican end of the International Bridge. I used it last year during the prevalence of yellow fever at Monterey, Mexico. Something of the kind is needed on the American side.

Owing to the prevalence of smallpox in a great many cities and counties of this State, we are frequently receiving new infection. I believe that now we do not get any from Mexico; at least everyone coming in is vaccinated or not allowed to enter. The city and county authorities are still prosecuting the vaccination of all those possible. I regret to state that there is no law requiring forcible vaccination, but still the city is pretty well vaccinated, viz. 3,400 vaccinated or revaccinated at city and county expense since commencement of smallpox. We are still having new cases from former exposures, and we will very likely continue to have them until March.

The estimated population of Laredo, Tex., is 14,000 or 15,000, of which about 11,000 or 12,000 are Mexicans or of Mexican parentage and have Mexican ideas. So, considering the disadvantage, I think the authorities have done about as well as could be expected, except that forcible vaccination should have been enforced on all. The weekly report is slightly better than the previous week, with the prospects of betterment each week.

I inclose report of work at foot and tramway bridge by United States Marine-Hospital Service quarantine inspector. I visit the bridge daily and always find some to vaccinate. I had to have one man arrested, as he would neither be vaccinated nor would he return to Mexico. He escaped the United State Marine-Hospital Service inspector, but the United States customs inspector caught him.

Respectfully, yours,

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

Report of smallpox at Laredo, Tex., for week ended February 11, 1899.

February 5-11: New cases, 42; deaths, 16. I have had reports of smallpox at Nuevo Laredo, Mexico. Reports vary, but there are from 13 to 40 cases there, among a population of about 2,500 or 3,000. I believe that about 40 is correct.

One man arrested on February 5, 1899, by a United States customs inspector for forcibly passing United States Marine-Hospital Service quarantine inspector. Inspector did not make full report on February 4.

VIRGINIA.

Alexandria.—Sanitary Inspector Snowden reports as follows: February 15, 4 cases, 2 suspects; February 16, 1 case, 3 suspects; February 17, 6 cases, 2 suspects; February 18, 1 case, 4 suspects; February 19, 13 cases, 1 suspect; February 20, 1 case, 2 suspects; February 21, 4 cases, 1 suspect; February 22, 5 cases.

Norfolk.—Passed Assistant Surgeon Smith reports as follows: February 13, new cases, 6, discharged, 0; February 14, new cases, 2, discharged, 10; February 15, new cases, 10, discharged, 8, died, 1; February 16, new cases, 2, discharged, 10; February 17, new cases, 12, discharged, 1; February 18, new cases, 4, deaths, 1, discharged, 7; February 19, new cases, 7, discharged, 16; February 20, new cases, 23, dis-

charged, 3, deaths, 1; February 22, 1 case of smallpox taken from steamship *Newport News*, disinfection and usual precautions taken by the port quarantine officer.

Portsmouth.—Dr. F. S. Hope, health officer of the city, reports for the two weeks ended February 18, 15 new cases.

Richmond.—Acting Assistant Surgeon L. W. Staton reports, February 18, 2 new cases since his last report.

Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 31, 1898, to February 24, 1899.

Places.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Calvert	Dec. 10-Jan. 20.....	10		
Catherina	Jan. 6.....			Smallpox reported.
Clarke County.....	Dec. 25-Jan. 20.....		2	Several cases.
Clay County.....	Jan. 27.....			Smallpox reported.
Collerine	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-Jan. 27.....	7		
Randolph County.....	Jan. 27.....			Do.
Southside.....	Jan. 6.....	96		
Washington County.....	Jan. 27.....			Do.
Wilcox County.....	do.....			Do.
Arkansas:				
Pulaski County.....	Jan. 27.....	7	1	
California:				
San Diego	Feb. 19.....	1	1	
San Francisco.....	Jan. 31.....	2		
Colorado:				
Arapahoe County.....	Dec. 1-Feb. 8.....	23	1	
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	
Connecticut:				
New Haven.....	Jan. 16.....	2		
District of Columbia:				
Washington.....	Jan. 21-Feb. 22.....	23		
Florida:				
Pensacola.....	Jan. 14.....	1		
Georgia:				
Jones County.....	Jan. 1-Jan. 16.....	300		
Illinois:				
Bethel	Jan. 7.....	2		
Media	do.....	1		
Indiana:				
Dana	Feb. 8.....	1		
Evansville.....	Feb. 7.....	1		
Indianapolis.....	Jan. 25-Feb. 11.....	9		
Sullivan County.....	Feb. 11.....	1		
Iowa:				
Lee County.....	Jan. 13.....	7	1	
Wayne County.....	do.....	1		
Kansas:				
Marion County.....	Jan. 17.....	11		
Peabody	Feb. 1-Feb. 16.....	56	7	
Kentucky:				
Louisville.....	Dec. 20-Feb. 8.....	74		
Louisiana:				
New Orleans.....	Jan. 30-Feb. 20.....	7		
Maryland:				
Baltimore	Feb. 8.....	1		
Cumberland.....	do.....	1		
Michigan:				
Detroit.....	Jan. 1-Feb. 4.....	14		
Minnesota:				
Minneapolis.....	Dec. 8.....	1		
Mississippi:				
Clay County.....	Jan. 27.....			Do.
Jones County.....	do.....			Do.
Lauderdale County.....	do.....			Do.
Noxubee County.....	do.....			Do.
Perry County.....	do.....	17		
Tishomingo County.....	do.....			Do.

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Missouri:				
Carroll County.....	Feb. 13.....	33	5	
St. Louis.....	Nov. 1-Jan. 21.....	15	2	
Nebraska:				
Nebraska City.....	July 1-Dec. 8.....	153		
	Dec. 9-Jan. 16.....	147	8	
Omaha.....	Jan. 1-Feb. 4.....	28		
Otoe and Nemaha Counties...	Jan. 1-Jan. 16.....	21		
Peru.....	Jan. 2.....	5		
Plattsmouth.....	Dec. 10.....	1		
Tecumseh.....	Jan. 2.....	9		
New Jersey:				
Jersey City.....	Dec. 5-Jan. 22.....	6		
New York:				
New York.....	Jan. 7-Feb. 11.....	3	1	
Dunkirk.....	Jan. 8-Jan. 21.....	5		
North Carolina:				
Chowan County.....	Feb. 16.....	2		
Columbus County.....	do.....	1		
Edgecombe County.....	Feb. 1.....	24		
Gates County.....	do.....	1		
Northampton County.....	Jan. 12.....	1		
Wilmington.....	Feb. 3.....	1		
Ohio:				
Cincinnati.....	Jan. 23-Feb. 11.....	50	1	
Cleveland.....	Dec. 25-Feb. 4.....	27		
Columbus.....	Feb. 19.....	10		
Oklahoma:				
Chandler.....	Dec. 30.....	1		
Doggett.....	do.....	1		
Parkland.....	do.....	1		
Sac and Fox Agency.....	do.....	2		
Stroud.....	do.....		3	
Pennsylvania:				
Altoona.....	Jan. 1-Jan. 23.....	2		
Ball Hill.....	Dec. 31-Jan. 23.....	1		
Bedford County.....	Dec. 31-Feb. 11.....	5		
Brumbaugh.....	do.....	2		
Charlesville.....	Dec. 31.....	15		Smallpox reported.
Claysburg.....	Dec. 31-Jan. 23.....	1		
East Vincent Township.....	Dec. 31.....	1		
Everett.....	do.....	3		
Homer City.....	do.....	2		
Hopewell.....	do.....	3		
Hustontown.....	do.....	4		
New Granada.....	do.....	7		
Philadelphia.....	Dec. 31-Feb. 11.....	10		
Pittsburg.....	Dec. 31.....	1		
Steelton.....	do.....	11		
Waterfall.....	do.....	1		
Porto Rico:				
Ponce.....	Jan. 17.....	46		
Rhode Island:				
Providence.....	Feb. 21.....	1		
Tennessee:				
Jackson.....	Feb. 14.....	7		
Memphis.....	Feb. 16.....	6		
Texas:				
Brownsville.....	Jan. 7.....	1		
El Paso.....	Aug. 1-Dec. 31.....	45		Year 1898.
	Jan. 1-Jan. 18.....	21		
Laredo.....	Jan. 1-Feb. 11.....	154	57	
San Rafael.....	Jan. 29.....	4		
Virginia:				
Alexandria.....	Jan. 4-Feb. 22.....	263		
Hampton.....	Feb. 15.....	6		
Newport News.....	Dec. 31.....	4		
Norfolk.....	Jan. 1-Feb. 20.....	382	4	
Portsmouth.....	Dec. 31-Feb. 18.....	37		
Richmond.....	Jan. 25-Feb. 18.....	3		
Wisconsin:				
Calumet County.....	Feb. 16.....	1		
Harrison County.....	Feb. 20.....	1		
Outagamie County.....	Feb. 7-Feb. 20.....	8		
Wyoming:				
Rock Springs.....	Dec. 24.....	1		

Number of vessels inspected and given bills of health at Honolulu, Hawaii, from October 1 to December 31, 1898.

Destination.	Dates.	Number of vessels.
Aberdeen, Wash	October 1 to 31, 1898.....	2
Eureka, Cal.....	do.....	1
Portland, Oreg.....	do.....	2
Port Angeles, Wash.....	do.....	2
Port Townsend, Wash.....	do.....	3
San Francisco, Cal.....	do.....	14
Seattle (via Hilo), Wash.....	do.....	2
Aberdeen, Wash.....	November 2 to 29, 1898	1
Eureka, Cal.....	do.....	1
Grays Harbor, Wash.....	do.....	1
Port Angeles, Wash.....	do.....	2
Portland, Oreg.....	do.....	1
Port Townsend, Wash.....	do.....	7
San Francisco, Cal.....	do.....	11
Seattle, Wash.....	do.....	1
Eureka, Cal.....	do.....	1
Port Angeles, Wash.....	December 1 to 31, 1898	2
Port Townsend, Wash.....	do.....	1
San Francisco, Cal.....	do.....	4
Tacoma, Wash.....	do.....	13
	do.....	1

Report of inspection of immigrants at Philadelphia during January, 1899.

PHILADELPHIA, PA., *February 16, 1899.*

SIR: I have the honor to report that 190 immigrants arrived at this port during the month of January, 1899. There were 6 rejections, as follows: Hip disease (old), 1; blind in one eye, 1; defective sight, 1; cataract in one eye, 1; old age, 1; pregnancy, 1.

There were also 31 patients of the immigration department examined during the same time.

Respectfully, yours,

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

Report of inspection of immigrants at San Francisco during January, 1899.

NATIONAL QUARANTINE STATION,
Angel Island, Cal., February 10, 1899.

SIR: I have the honor to report that during the month of January, 1899, 276 immigrants were inspected at the port of San Francisco—115 cabin passengers and 161 steerage, with no rejections.

Respectfully, yours,

S. D. BROOKS,
Surgeon, U. S. M. H. S.

*Report of immigration at Boston for the week ended February 11, 1899.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of Boston, February 12, 1899.**Number of alien immigrants who arrived at this port during the week ended February 11, 1899; also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Feb. 5	Steamship Boston.....	Yarmouth, Nova Scotia.....	22
Feb. 7	Steamship Prince George.....	.....do.....	25
Feb. 9	Steamship Halifax.....	Halifax, Nova Scotia.....	18
Do....	Steamship Boston.....	Yarmouth, Nova Scotia.....	33
Feb. 10	Steamship Baltimore.....	London, England.....	3
Feb. 12	Steamship Philadelphia.....	Liverpool, England.....	14
Do....	Steamship Prince George.....	Yarmouth, Nova Scotia.....	10
Do....	Steamship Boston.....	.....do.....	22
Do....	Steamship Canada.....	Liverpool, England.....	185
Total.....			282

GEORGE B. BILLINGS,
*Commissioner.**Report of immigration at Boston for the week ended February 18, 1899.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of Boston, February 19, 1899.**Number of alien immigrants who arrived at this port during the week ended February 18, 1899; also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Feb. 14	Steamship Carinthia.....	Liverpool, England.....	19
Do....	Steamship Sachem.....	.....do.....	26
Do....	Steamship Prince George.....	Yarmouth, Nova Scotia.....	16
Feb. 16	Steamship Halifax.....	Halifax, Nova Scotia.....	13
Do....	Steamship Boston.....	Yarmouth, Nova Scotia.....	29
Do....	Steamship Barrowmore.....	London, England.....	1
Feb. 17	Steamship Prince George.....	Yarmouth, Nova Scotia.....	14
Do....	Steamship Roman.....	Liverpool, England.....	25
Feb. 18	Steamship Sagamore.....	.....do.....	24
Do....	Steamship Etolia.....	Avonmouth, England.....	7
Total.....			174

GEORGE B. BILLINGS,
Commissioner.

*Report of immigration at New York for the week ended February 11, 1899.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of New York, February 14, 1899.**Number of alien immigrants who arrived at this port during the week ended February 11, 1899;
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Feb. 5	Steamship St. Louis	Southampton	183
Do....	Steamship Palatia	Hamburg	419
Do....	Steamship Edam	Amsterdam	145
Feb. 6	Steamship Peninsular	Lisbon and The Azores.....	11
Do....	Steamship Lucania.....	Liverpool and Queenstown	161
Do....	Steamship La Champagne.....	Havre	200
Feb. 7	Steamship Stuttgart.....	Bremen	421
Feb. 9	Steamship Alesia	Naples	284
Feb. 11	Steamship Kensington	Antwerp	163
Do....	Steamship Germanic.....	Liverpool and Queenstown.....	96
Do....	Steamship Fuerst Bismarck.....	Genoa and Naples.....	429
	Total.....	.....	2,512

THOMAS FITCHIE,
*Commissioner.**Report of immigration at Philadelphia for the week ended February 18, 1899.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of Philadelphia, February 18, 1899.**Number of alien immigrants who arrived at this port during the week ended February 18, 1899;
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Feb. 15	Steamship Waesland.....	Liverpool.....	70
Feb. 17	Steamship Nederland.....	Antwerp.....	95
Do....	Steamship Belgenland.....	Liverpool	55
Do....	Steamship Minnesota.....	London.....	2
	Total .....	.....	222

JNO. J. S. RODGERS,
Commissioner.

Influenza (la grippe).—Continued.

Chicago, Ill.—During the week ended February 4, 1899, 59 certificates of death were returned to the office of the commissioner of health, giving influenza or la grippe and its complications as the cause, viz, 6 to uncomplicated influenza, 26 to influenza as the cause, complicated with some other affection, chiefly pneumonia, and 27 to other affections, chiefly pneumonia, with influenza as a contributing cause.

During the week ended February 11, 1899, 55 certificates of death were returned to the office of the commissioner of health giving influenza or la grippe as the cause, viz, 18 to uncomplicated influenza, 23 to influenza, complicated with some other affection, chiefly pneumonia, and 14 to other affections with influenza as a contributing cause.

Mobile, Ala.—No cases of la grippe or influenza have been reported to the city board of health during the last two weeks. Two deaths have been reported from other diseases complicated with la grippe.

San Francisco, Cal.—The number of deaths reported to the health office of San Francisco for January, 1899, was 753, the largest in its history. Of these deaths, 41 are directly attributable to influenza.

REPORTS FROM NATIONAL QUARANTINE

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
Alexandria, Va	Feb. 18	.....	.....	.....
Beaufort, N. C.	do.....	.....	.....	.....
Brunswick, Ga.	do.....	.....	.....	.....
Cape Charles, Va	do.....	.....	.....	.....
Cape Fear, N. C.	do.....	.....	.....	.....
Delaware Breakwater Quarantine, Del.	Feb. 11	.....	.....	.....
Eureka, Cal	Feb. 18	.....	.....	.....
Grays Harbor, Wash.	Feb. 11	.....	.....	.....
Gulf Quarantine, Ship Island, Miss.	do.....	.....	.....	.....
Honolulu, Hawaiian Islands.....	Jan. 28	.....	.....	.....
Newbern, N. C.	Feb. 18	.....	.....	.....
Port Townsend, Wash.....	Feb. 4	.....	.....	.....
Reedy Island Quarantine, Del ...	Feb. 11	.....	.....	.....
San Diego, Cal.....	do.....	.....	.....	.....
San Francisco Quarantine, Cal...	Feb. 18	.....	.....	.....
	Feb. 11	U. S. supply ship Celtic.	Feb. 1	Callao
		U. S. collier Justin.....	Feb. 3	.....do
	Feb. 11	U. S. ss. Iowa	Feb. 7	.....do
San Juan, Porto Rico.....	Feb. 4	.....	.....	.....
South Atlantic Quarantine, Blackbeard Island, Ga.	Feb. 11	.....	.....	.....
Tortugas Quarantine, Key West, Fla.	do.....	.....	.....	.....
Washington, N. C.....	Feb. 18	.....	.....	.....

AND INSPECTION STATIONS.

Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
.....	No transactions.....	.....
.....	No report .....	.....
.....	do .....	.....
.....	do	1
.....	Boarding suspended on account of ice in the river.	3
.....	do	1
.....	No report .....	.....
.....	No transactions.....	.....
.....	do .....	.....
.....	12
.....	1
.....	5
.....	4
.....	8
.....	10
.....	2
San Francisco.....	Passed on certificate of medical officer, U. S. N.	.....	.....	15
do	do.....	.....	119 Chinese and 18 Japanese passengers on Br. ss. Coptic from Hongkong bathed and baggage disinfected by steam or formalin. 2 Japanese on Haw. ss. Aztec bathed and baggage disinfected.	.....
do	Passed on medical officer's certificate.	Feb. 7	42 Chinese and 19 Japanese passengers on U. S. ss. Costa Rica bathed and their baggage disinfected. Two firemen with smallpox removed from ship at Hongkong and part of ship disinfected. All native crew discharged, and new crew shipped and vaccinated.	13
.....	10
.....	2
.....	No transactions.....	.....
.....	do .....	.....

REPORTS FROM STATE AND

Name of station.	Week ended.	Name of vessel.	Date of arrival	Port of departure.
Anclote, Fla.....	Feb. 18	.....	.....	.....
Baltimore, Md.....	do.....	.....	.....	.....
Bangor, Me.....	do.....	.....	.....	.....
Boston, Mass.....	do.....	.....	.....	.....
Carrabelle, Fla.....	do.....	.....	.....	.....
Charleston, S. C.....	Feb. 11	.....	.....	.....
Charlotte Harbor, Fla.....	Feb. 18	.....	.....	.....
Elizabeth River, Va.....	Feb. 11	Str. Lucy.....	Feb. 7	North Carolina...
Galveston, Tex.....	Feb. 18	Sl. Mary Pace.....	Feb. 10	James River.....
Gardiner, Oreg.....	do.....	Str. Hatteras.....	Feb. 11	Smithfield.....
Key West, Monroe County, Fla.....	Feb. 11	.....	.....	.....
Los Angeles, Cal.....	do.....	.....	.....	.....
Mobile, Ala.....	Feb. 18	.....	.....	.....
New Bedford, Mass.....	do.....	.....	.....	.....
Newport News, Va.....	Feb. 11	.....	.....	.....
.....	Feb. 18	.....	.....	.....
Newport, R. I.....	do.....	.....	.....	.....
Pass Cavallo, Tex.....	do.....	.....	.....	.....
Providence, R. I.....	do.....	.....	.....	.....
Round Island, Miss.....	Feb. 11	.....	.....	.....
Savannah, Ga.....	do.....	Aust. bk. Blandina P. (a).....	Feb. 1	Rio.....
.....	.....	Nor. bk. Mirzapore (a).....	Feb. 2	Rio via Barbados..
.....	.....	Am. bk. Xenia.....	Feb. 7	Santos, via Barbados.
Tampa Bay, Fla.....	Feb. 18	.....	.....	.....

a Previously reported.

MUNICIPAL QUARANTINE STATIONS.

Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
.....	.....	.....	No report .....	.....
.....	.....	.....	do.....	.....
.....	.....	.....	do.....	.....
.....	.....	.....	do.....	.....
.....	.....	.....	do.....	.....
.....	.....	.....	.....	1
Norfolk	Disinfected and fumigated, and crew vaccinated.	Feb. 8	No report.....	3
Portsmouth.....	do.....	Feb. 11	1 suspected case.....	.....
Norfolk	do.....	do.....	1 case smallpox.....	.....
.....	.....	.....	No report.....	.....
.....	.....	.....	do.....	.....
.....	.....	.....	No report	9
.....	.....	.....	do.....	.....
.....	.....	.....	do.....	.....
.....	.....	.....	.....	2
.....	.....	.....	No report	4
.....	.....	.....	do.....	.....
.....	.....	.....	No transactions.....	.....
.....	.....	.....	.....	4
Savannah	Disinfected	Feb. 5	.....	5
do.....	Ballast discharged; vessel disinfected.	Feb. 11	2 deaths from beriberi at sea.	.....
do.....	do.....	do.....	.....	.....
.....	.....	.....	No report.....	.....

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

CALIFORNIA—*Los Angeles*.—Month of January, 1899. Estimated population, 103,000. Total number of deaths, 208, including diphtheria, 2; enteric fever, 8; scarlet fever, 2; whooping cough, 1; influenza, 9; smallpox, 1, and 35 from phthisis pulmonalis.

Oakland.—Month of January, 1899. Estimated population, 75,000. Total number of deaths, 83, including enteric fever, 3, and 8 from phthisis pulmonalis.

Sacramento.—Month of January, 1899. Estimated population, 30,000. Total number of deaths, 62, including enteric fever, 3, and 7 from phthisis pulmonalis.

San Francisco—City and county.—Month of December, 1898. Estimated population, 360,000. Total number of deaths, 647, including diphtheria, 10; la grippe, 13; enteric fever, 11; measles, 7; scarlet fever, 2; whooping cough, 5, and 58 from phthisis pulmonalis.

CONNECTICUT.—Reports to the State board of health for the month of January, 1899, from 166 towns having an aggregate population of 888,970, show a total of 1,565 deaths, including diphtheria, 24; enteric fever, 8; measles, 2; scarlet fever, 7; whooping cough, 6; la grippe, 91, and 119 from phthisis pulmonalis.

IOWA—*Davenport*.—Month of January, 1899. Estimated population, 36,000. Total number of deaths, 67, including enteric fever, 1, and 10 from phthisis pulmonalis.

MASSACHUSETTS—*Brockton*.—Month of January, 1899. Estimated population, 37,278. Total number of deaths, 49, including 7 from phthisis pulmonalis.

Fitchburg.—Month of January, 1899. Estimated population, 29,438. Total number of deaths, 45, including whooping cough, 1; influenza, 2, and 4 from phthisis pulmonalis.

Newton.—Month of January, 1899. Estimated population, 27,590. Total number of deaths, 45, including diphtheria, 2; enteric fever, 1; la grippe, 5, and 2 from phthisis pulmonalis.

Worcester.—Month of January, 1899. Estimated population, 108,463. Total number of deaths, 154, including diphtheria, 7; enteric fever, 1; whooping cough, 1; la grippe, 12, and 18 from phthisis pulmonalis.

MICHIGAN.—Reports to the State board of health, Lansing, for the week ended February 4, 1899, from 47 observers, indicate that phthisis pulmonalis and inflammation of kidney increased in area of prevalence. Phthisis pulmonalis was reported present at 100, scarlet fever at 47, enteric fever at 28, diphtheria at 25, measles at 17, whooping cough at 17, and smallpox at 2 places—Detroit and Redford Township.

Reports to the State board of health, Lansing, for the week ended February 11, 1899, from 48 observers, indicate that diarrhea and erysipelas increased in area of prevalence. Phthisis pulmonalis was reported present at 96, scarlet fever at 46, measles at 21, diphtheria at 20, enteric fever at 17, whooping cough at 13, and smallpox at 2 places—Detroit and Redford Township.

Grand Rapids.—Month of January, 1899. Estimated population, 90,000. Total number of deaths, 114, including enteric fever, 2; la grippe, 7, and 6 from phthisis pulmonalis.

MINNESOTA—Minneapolis.—Month of January, 1899. Estimated population, 225,602. Total number of deaths, 193, including diphtheria, 5; enteric fever, 3; whooping cough, 2; la grippe, 12, and 22 from phthisis pulmonalis.

NEW HAMPSHIRE—Manchester.—Month of January, 1899. Estimated population, 60,000. Total number of deaths, 111, including enteric fever, 2; scarlet fever, 1, and 8 from phthisis pulmonalis.

NEW YORK—Auburn.—Month of January, 1899. Estimated population, 30,000. Total number of deaths, 42, including scarlet fever, 1, and 6 from phthisis pulmonalis.

Buffalo.—Month of January, 1899. Estimated population, 370,000. Total number of deaths, 444, including diphtheria, 5; enteric fever, 4; scarlet fever, 1, whooping cough, 3, and 33 from phthisis pulmonalis.

OHIO—Cleveland.—Month of January, 1899. Estimated population, 395,000. Total number of deaths, 611, including diphtheria, 15; enteric fever, 11; scarlet fever, 2; influenza, 45, and 24 from phthisis pulmonalis.

Toledo.—Year ended December 31, 1898. Estimated population, 151,520. Total number of deaths, 1,564, including diphtheria, 31; enteric fever, 31; measles, 1; scarlet fever, 5; la grippe, 46; whooping cough, 9, and 137 from phthisis pulmonalis.

Month of January, 1899. Estimated population, 151,520. Total number of deaths, 162, including diphtheria, 10; enteric fever, 3; la grippe, 13; whooping cough, 2, and 10 from phthisis pulmonalis.

OREGON—Portland.—Month of January, 1899. Estimated population, 92,413. Total number of deaths, 83, including diphtheria, 1; enteric fever, 2; la grippe, 5; measles, 1, and 12 from phthisis pulmonalis.

PENNSYLVANIA—Meadville.—Month of January, 1899. Estimated population, 12,000. Total number of deaths, 22, including whooping cough, 1, and 3 from phthisis pulmonalis.

RHODE ISLAND—Newport.—Month of January, 1899. Estimated population, 21,500. Total number of deaths, 45, including enteric fever, 1; la grippe, 7, and 3 from phthisis pulmonalis.

TENNESSEE—Nashville.—Month of January, 1899. Estimated population, 87,734; white, 54,595; colored, 33,159. Total number of deaths, 159, including diphtheria, 3; enteric fever, 3; influenza, 13, and 20 from phthisis pulmonalis.

WASHINGTON—Seattle.—Month of January, 1899. Estimated population, 75,000. Total number of deaths 58, including diphtheria, 6; enteric fever, 2; measles, 1, and 6 from phthisis pulmonalis.

Tacoma.—Month of January, 1899. Estimated population, 50,000. Total number of deaths, 28, including enteric fever, 2, and 6 from phthisis pulmonalis.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—									
				Phthisis pulmonals.	Yellow fever.	Smallpox.	Variceloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Allegheny, Pa.	Feb. 11.	105,287	42	2							1		1
Do	Feb. 18.	105,287	48	4					1			1	
Amesbury, Mass.	Feb. 11.	9,798		2									
Ann Arbor, Mich.	Jan. 28.	9,431	5										
Do	Feb. 11.	9,431	7										
Ashtabula, Ohio.	do.	8,338	4									1	
Do	Feb. 18.	8,338	7										
Aurora, Ill.	Feb. 11.	19,688	7									2	
Binghamton, N. Y.	Feb. 18.	35,005	13										
Boston, Mass.	Feb. 11.	448,477	229	27								3	1
Do	Feb. 18.	448,477	213	19					2	2	11		2
Bristol, R. I.	Feb. 11.	5,478	1										
Bucyrus, Ohio.	Feb. 12.	5,974	2										
Cambridge, Mass.	Feb. 11.	70,028	25										
Do	Feb. 18.	70,028	38	4									
Charleston, S. C.	Feb. 11.	a54,594	b26	1							1	1	
Chicago, Ill.	Feb. 18.	1,099,850	c604	64					1	14	17	2	1
Dayton, Ohio.	do.	61,220	28	3					1				
Detroit, Mich.	Feb. 11.	205,876	122	7						1			1
Dubois, Pa.	Feb. 18.	6,149	3										
Dunkirk, N. Y.	Feb. 4.	9,416	1										
Do	Feb. 11.	9,416	1										
Dunmore, Pa.	do.	8,315	4										
Elmira, N. Y.	do.	29,708	14	2									1
Erie, Pa.	Feb. 4.	40,634	16	2									
Evansville, Ind.	Feb. 11.	50,756	29	3									
Do	Feb. 18.	50,756	29	7					1			1	
Everett, Mass.	Feb. 11.	11,068	3										
Fitchburg, Mass.	do.	22,037	11	3									
Flint, Mich.	Feb. 4.	9,803	2										
Do	Feb. 11.	9,803	5	1									
Gloucester, Mass.	Feb. 18.	24,651	11	1									
Grand Rapids, Mich.	Feb. 4.	60,278	23	2									
Do	Feb. 11.	60,278	27	1									
Green Bay, Wis.	do.	9,069	7									1	
Greenville, S. C.	Feb. 4.	6,658	1										
Do	Feb. 11.	6,658	2										
Hannibal, Mo.	Feb. 4.	12,857	4										
Do	Feb. 11.	12,857	3										
Hoboken, N. J.	do.	43,648	30										
Do	Feb. 18.	43,648	26	1								1	
Holyoke, Mass.	do.	35,637	16	2									
Honolulu, Hawaii.	Jan. 28.	30,000	26										1
Hyde Park, Mass.	Feb. 4.	10,190	5	1									
Do	Feb. 12.	10,190	5										
Do	Feb. 18.	10,190	4										
Jacksonville, Fla.	Feb. 11.	17,201	9	2									
Do	do.	21,805	15										
Johnstown, Pa.	Feb. 18.	21,805	7	1									
Lancaster, Pa.	Feb. 11.	32,011	16	1									
Lawrence, Mass.	do.	44,654		1									
Kalamazoo, Mich.	Feb. 11.	17,853	12	2					1		2		1
Lowell, Mass.	Feb. 18.	77,696	32	4									
Lynchburg, Va.	do.	19,709	11	2									
Manchester, N. H.	Feb. 11.	44,126	21	1					1				
McKeesport, Pa.	do.	20,741	9										
Massillon, Ohio.	do.	10,092	4									1	
Medford, Mass.	Feb. 18.	11,079	6										
Melrose, Mass.	Feb. 11.	8,519	6										
Michigan, Ind.	Feb. 12.	10,776	26						2				
Middletown, N. Y.	Feb. 7.	11,977	4						1				
Do	Feb. 15.	11,977	5										
Milwaukee, Wis.	Feb. 11.	204,468	72	3									
Minneapolis, Minn.	Feb. 4.	164,738									3		
Do	Feb. 11.	164,738	40	5					1				1
Do	Feb. 18.	164,738	59	9						1			1
Mobile, Ala.	Feb. 11.	31,076	20	3									
Do	Feb. 18.	31,076	25	5									
Nashville, Tenn.	do.	76,168	44	11									

a Estimated population, 65,165; white, 28,870; colored, 36,295.

b White, 8; colored, 18. La grippe, 2.

c Seventeen from influenza.

MORTALITY TABLE, CITIES OF THE UNITED STATES—Continued.

Cities.	Week ended.	Population, U. S. census of 1890.	Total deaths from all causes.	Deaths from—									
				Phthisis pulmonalis.	Yellow fever.	Smallpox.	Varicoid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
New Bedford, Mass.....	Feb. 18.....	40,733	33	3								1	
Newburyport, Mass.....	Feb. 11.....	13,947	7										
New Orleans, La.....	do.....	242,039	164	22						1			
New York, N. Y.....	do.....	3,438,899	1,259	160						5	13	34	12
Do.....	Feb. 18.....	3,438,899	1,387	187						1	16	41	9
Norristown, Pa.....	do.....	19,791	4										
North Adams, Mass.....	Feb. 11.....	16,074	4										
Do.....	Feb. 18.....	16,074	10	1									
Oakland, Cal.....	Jan. 7.....	48,682	18	2						1			
Do.....	Jan. 14.....	48,682	25							1			
Do.....	Jan. 21.....	48,682	15	4						1			
Do.....	Jan. 28.....	48,682	18	3									
Do.....	Feb. 4.....	48,682	21							1			
Do.....	Feb. 11.....	48,682	15										
Oneonta, N. Y.....	do.....	6,272	4										
Do.....	Feb. 18.....	6,272	7	1									
Petersburg, Va.....	Feb. 12.....	22,680	15	1									
Pittsburg, Pa.....	Feb. 11.....	238,617	110	9						8		1	5
Pittsfield, Mass.....	do.....	17,281	5										
Plainfield, N. J.....	do.....	11,267	3										
Do.....	Feb. 18.....	11,267											
Portland, Me.....	Feb. 11.....	36,425	17										
Do.....	Feb. 18.....	36,425	10	1									
Providence, R. I.....	do.....	132,146	80	8							1		1
Salt Lake City, Utah.....	Feb. 11.....	44,843											
San Jose, Cal.....	do.....	18,060	12	2									
Santa Barbara, Cal.....	do.....	5,864	2	1									
Scranton, Pa.....	Feb. 4.....	75,215	38								1	1	3
Do.....	Feb. 20.....	75,215	32								1		2
Do.....	Feb. 11.....	72,215	40									4	
Shreveport, La.....	do.....	11,979	7	1									
Do.....	Feb. 18.....	11,979	9										1
Somerville, Mass.....	Feb. 4.....	40,152	17	2						2			
Do.....	Feb. 18.....	40,152	20									1	
Spokane, Wash.....	Feb. 11.....	19,922	11	2									
Springfield, Ill.....	Feb. 18.....	24,963	13	1									
Do.....	Feb. 13.....	24,963	11	3									
Tacoma, Wash.....	Feb. 11.....	36,006	12	2									
Taunton, Mass.....	Feb. 4.....	25,448	18										
Do.....	Feb. 11.....	25,448	10							1			
Do.....	Feb. 18.....	25,448	20							1		1	
Waltham, Mass.....	Feb. 11.....	18,707	4										
Warren, Ohio.....	do.....	5,973	1										
Do.....	Feb. 18.....	5,973	3										
Washington, D. C.....	Feb. 11.....	230,392	126	17						1		4	
Westfield, Mass.....	do.....	9,805	3										
Do.....	Feb. 18.....	9,805	1										
Wheeling, W. Va.....	Feb. 11.....	35,013	12	1						2			
Wichita, Kans.....	do.....	23,853	4										
Do.....	Feb. 18.....	23,853	13	2									
Wilmington, Del.....	do.....	61,431	31	3								2	
Winona, Minn.....	Feb. 11.....	18,208	7										
Worcester, Mass.....	Feb. 10.....	84,655	39	2									
Yonkers, N. Y.....	Feb. 17.....	32,033	17	1									1
Youngstown, Ohio.....	Feb. 11.....	33,220	19	1						1			
Do.....	Feb. 18.....	33,220	7	1									

a Estimated.

Table of temperature and rainfall, week ended February 24, 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.....	23		17	.91		.29
Portland, Me.....	25		17	.91		.59
Northfield, Vt.....	15		16	.56		.05
Boston, Mass.....	29		17	.86		.15
Vineyard Haven, Mass.....	33		16	.84	.98	
Nantucket, Mass.....	30		12	.70	1.06	
Woods Hole, Mass.....	30		17	.91	.22	
Block Island, R. I.....	32		17	1.12	.13	
New Haven, Conn.....	29		16	1.05		.37
Albany, N. Y.....	25		17	.70	.18	
New York, N. Y.....	32		21	.98	.74	
Harrisburg, Pa.....	32		25	.70	.39	
Philadelphia, Pa.....	34		22	.83	1.15	
New Brunswick, N. J.....	32		21	1.09	.78	
Atlantic City, N. J.....	34		22	.84	.44	
Baltimore, Md.....	36		24	.84	.62	
Washington, D. C.....	36		26	.84	1.34	
Lynchburg, Va.....	40		23	.91	.78	
Cape Henry, Va.....	44		21	.84	2.76	
Norfolk, Va.....	43		22	.97	1.57	
Charlotte, N. C.....	45		22	1.12	.78	
Raleigh, N. C.....	42		20	.97	2.43	
Kittyhawk, N. C.....	46			.91		
Hatteras, N. C.....	48			1.09		
Wilmington, N. C.....	50		21	.78	.30	
Columbia, S. C.....	49		20	1.01	2.91	
Charleston, S. C.....	53		12	.84	.55	
Augusta, Ga.....	50		19	.98	4.01	
Savannah, Ga.....	55		13	.77	1.78	
Jacksonville, Fla.....	59		9	.77		.09
Jupiter, Fla.....	67		5	.63	.56	
Key West, Fla.....	71		0	.42	1.42	
Gulf States:						
Atlanta, Ga.....	48		24	1.24	.84	
Tampa, Fla.....	66		11	.67	.46	
Pensacola, Fla.....	57		20	.91		.30
Mobile, Ala.....	55		22	1.16		.24
Montgomery, Ala.....	52		23	1.33	.35	
Vicksburg, Miss.....	52		20	1.06		.67
New Orleans, La.....	58		18	1.12		.40
Shreveport, La.....	50		29	1.05		.75
Fort Smith, Ark.....	39		27	.91		.95
Little Rock, Ark.....	43		29	1.84		1.12
Palestine, Tex.....	48		27	.91		.63
Galveston, Tex.....	56		22	.77		.84
San Antonio, Tex.....	54		25	.49		.49
Corpus Christi, Tex.....	55		21	.64		.38
Ohio Valley and Tennessee:						
Memphis, Tenn.....	43		33	1.33		.84
Nashville, Tenn.....	42		35	1.33		.88
Chattanooga, Tenn.....	45		29	1.40		.47
Knoxville, Tenn.....	42		28	1.33	.07	
Louisville, Ky.....	38		36	1.11		.73
Indianapolis, Ind.....	32		34	.91		.81
Cincinnati, Ohio.....	36		35	.98		.67
Columbus, Ohio.....	32		34	.98		.74
Parkersburg, W. Va.....	31		30	.77		.06
Pittsburg, Pa.....	33		31	.70	.23	
Lake Region:						
Oswego, N. Y.....	25		19	.63	.57	
Rochester, N. Y.....	25		20	.70	.47	
Buffalo, N. Y.....	25		21	.71		.52
Erie, Pa.....	28		28	.91		.71
Cleveland, Ohio.....	28		29	.70		.61
Sandusky, Ohio.....	29		30	.75		.71
Toledo, Ohio.....	28		28	.53		.53
Detroit, Mich.....	26		28	.57		.47
Lansing, Mich.....	24		30	.49		.47
Port Huron, Mich.....	24		26	.61		.61
Alpena, Mich.....	18		24	.51		.51
Sault Ste. Marie, Mich.....	13		24	.35		.35
Marquette, Mich.....	18		27	.46		.46
Green Bay, Wis.....	13		28	.60		.60
Grand Haven, Mich.....	25		30	.56		.48

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

Table of temperature and rainfall, week ended February 24, 1899—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	α Excess.	α Deficiency.	Normal.	Excess.	Deficiency.
Lake Region—Continued.						
Milwaukee, Wis.....	22	.....	30	.44	.....	.44
Chicago, Ill.....	27	.....	32	.56	.....	.56
Duluth, Minn.....	14	.....	29	.28	.....	.28
Upper Mississippi Valley:						
St. Paul, Minn.....	15	.....	32	.21	.....	.21
La Crosse, Wis.....	19	.....	35	.28	.....	.28
Dubuque, Iowa.....	22	.....	32	.35	.....	.35
Davenport, Iowa.....	25	.....	32	.37	.....	.37
Des Moines, Iowa.....	22	.....	30	.29	.....	.29
Keokuk, Iowa.....	26	.....	32	.42	.....	.34
Hannibal, Mo.....	29	.....	33	.42	.....	.12
Springfield, Ill.....	29	.....	33	.87	.....	.75
Cairo, Ill.....	39	.....	37	1.00	.....	.41
St. Louis, Mo.....	34	.....	35	.66	.....	.44
Missouri Valley:						
Columbia, Mo.....	33	.....	39	.62	.....	.22
Springfield, Mo.....	32	.....	33	.87	.....	.68
Kansas City, Mo.....	30	.....	34	.45	.....	.23
Topeka, Kans.....	29	.....	34	.35	.06	.....
Wichita, Kans.....	30	.....	31	.28	.....	.26
Concordia, Kans.....	27	.....	31	.21	.06	.....
Lincoln, Nebr.....	21	.....	30	.21	.....	.12
Omaha, Nebr.....	23	.....	32	.21	.....	.16
Sioux City, Iowa.....	17	.....	29	.14	.....	.14
Yankton, S. Dak.....	18	.....	31	.16	.....	.16
Valentine, Nebr.....	24	.....	33	.17	.....	.15
Huron, S. Dak.....	10	.....	29	.14	.....	.18
Pierre, S. Dak.....	13	.....	29	.07	.....	.05
Moorhead, Minn.....	3	.....	22	.21	.....	.19
Bismarck, N. Dak.....	7	.....	26	.14	.....	.14
Williston, N. Dak.....	5	.....	26	.12	.....	.12
Rocky Mountain Region:						
Havre, Mont.....	10	.....	21	.14	.....	.08
Helena, Mont.....	20	.....	20	.21	.17	.....
Miles City, Mont.....	14	.....	28	.14	.....	.07
Rapid City, S. Dak.....	20	.....	27	.14	.....	.08
Spokane, Wash.....	28	.....	.....	.49	.....	.....
Walla Walla, Wash.....	37	.....	13	.35	1.39	.....
Baker City, Oreg.....	25	.....	3	.42	.47	.....
Winnemucca, Nev.....	32	3	.....	.24	.....	.16
Idaho Falls, Idaho.....	18	.....	13	.44	.....	.11
Salt Lake City, Utah.....	31	.....	4	.29	.65	.....
Lander, Wyo.....	20	.....	22	.14	.....	.04
Cheyenne, Wyo.....	25	.....	20	.07	.45	.....
North Platte, Nebr.....	23	.....	29	.07	.15	.....
Denver, Colo.....	31	.....	23	.14	.....	.02
Pueblo, Colo.....	27	.....	24	.09	.....	.08
Dodge City, Kans.....	30	.....	30	.14	.....	.12
Oklahoma, Okla.....	39	.....	30	.23	.....	.12
Amarillo, Tex.....	34	.....	23	.33	.....	.29
Ablene, Tex.....	44	.....	25	.35	.....	.35
Santa Fe, N. Mex.....	30	.....	12	.21	.....	.20
El Paso, Tex.....	47	.....	12	.14	.....	.14
Phoenix, Ariz.....	53	.....	4	.25	.....	.25
Pacific Coast:						
Seattle, Wash.....	39	1	.....	1.18	.77	.....
Tacoma, Wash.....	38	.....	.....	1.39	.....	.....
Fort Canby, Wash.....	41	1	.....	1.61	5.20	.....
Portland, Oreg.....	40	.....	0	1.54	.54	.....
Roseburg, Oreg.....	41	3	.....	1.30	.....	.70
Eureka, Cal.....	46	.....	0	1.56	.....	1.39
Redbluff, Cal.....	47	1	.....	.96	.....	.96
Carson City, Nev.....	35	5	.....	.38	.....	.38
Sacramento, Cal.....	48	.....	0	.78	.....	.78
San Francisco, Cal.....	51	.....	3	.98	.....	.98
Fresno, Cal.....	49	.....	0	.28	.....	.28
San Luis Obispo, Cal.....	54	.....	0	.98	.....	.98
Los Angeles, Cal.....	54	.....	2	.85	.....	.85
San Diego, Cal.....	54	.....	3	.57	.....	.57
Yuma, Ariz.....	58	.....	.....	.14	.....	.....

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 February 24, 1899.

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
India:				
Bombay.....	Dec. 20-Jan. 24.....	.....	11	
Calcutta.....	Nov. 26-Jan. 14.....	.....	217	
Madras.....	Nov. 19-Jan. 20.....	.....	23	

YELLOW FEVER.

Brazil:				
Bahia.....	Dec. 24-Jan. 14.....	4	2	
Rio de Janeiro.....	Nov. 11-Dec. 30.....	.....	27	
Colombia:				
Barranquilla.....	Dec. 2-Jan. 9.....	3	3	
Cuba:				
Habana.....	Dec. 16-Jan. 12.....	.....	6	
Mexico:				
Vera Cruz.....	Dec. 8-Feb. 9.....	.....	31	

PLAGUE.

China:				
Hongkong.....	Dec. 10-Dec. 17.....	1	1	
Formosa:				
Tainan.....	Jan. 9.....	5	2	
Taipeh.....	Dec. 25.....	10	2	
Taiwan.....	Dec. 31.....	.....	.....	Plague exists.
India:				
Bombay.....	Nov. 22-Nov. 29.....	.....	43	
Madras.....	Nov. 19-Nov. 25.....	.....	1	
Madagascar:				
Tamatave.....	Nov. 28-Dec. 16.....	88	38	

SMALLPOX.

Africa:				
Lorenzo Marquez.....	Dec. 1-Dec. 17.....	17	.....
Argentina:				
Buenos Ayres.....	Nov. 1-Nov. 30.....	.....	5	
Belgium:				
Antwerp.....	Dec. 3-Jan. 7.....	41	14	
Brazil:				
Bahia.....	Nov. 19-Jan. 21.....	127	10	
Rio de Janeiro.....	Nov. 11-Dec. 30.....	74	34	
Canada:				
Province of Quebec.....	Jan. 26-Feb. 6.....	11	1	
China:				
Hongkong.....	Jan. 1-Jan. 7.....	3	.....
Ceylon:				
Colombo.....	Dec. 24-Dec. 31.....	.....	1	
Cuba:				
Habana.....	Dec. 30.....	1	.....	In United States Army
Egypt:				
Cairo.....	Jan. 16-Jan. 21.....	.....	1	
England:				
Liverpool.....	Dec. 3-Jan. 21.....	2	1	
London.....	Dec. 17-Jan. 14.....	1	1	
South Shields.....	Jan. 21-Jan. 28.....	1	.....
Sunderland.....	Jan. 15-Jan. 21.....	2	.....
France:				
Paris.....	Dec. 24-Dec. 31.....	.....	1	

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

SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
India:				
Bombay.....	Nov. 22-Jan. 24...		7	
Calcutta.....	Nov. 19-Dec. 17...		3	
Madras.....	Nov. 26-Jan. 6...		3	
Italy:				
Milan.....	Jan. 22-Jan. 28...	1		
Japan:				
Awomori Ken.....	Nov. 18-Dec. 31...	126	28	
Chiba Ken.....	Dec. 9-Dec. 31...	1		
Hio-go 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...	1		
The Hokkaido.....	Nov. 18-Dec. 8...	8		
Tottori Ken.....	Nov. 18-Dec. 8...	3		
Korea:				
Seoul.....	Jan. 1-Jan. 7...			Smallpox endemic.
Mexico:				
C. P. Diaz.....	Jan. 10.....			Do.
Chihuahua.....	Jan. 7-Feb. 11...		4	
City of Mexico.....	Dec. 31-Feb. 5...		12	
Monterey.....	Dec. 2-Jan. 5...		3	
Nuevo Laredo.....	Jan. 29-Feb. 4...	9	1	
Vera Cruz.....	Jan. 5-Feb. 2...		3	
Russia:				
Moscow.....	Dec. 24-Jan. 21...	29	20	
Odessa.....	Jan. 7-Jan. 28...	11	2	
St. Petersburg.....	Jan. 1-Jan. 21...	9	1	
Warsaw.....	Jan. 16-Jan. 28...		7	
Turkey:				
Bagdad.....	Oct. 22-Nov. 27...	96	20	
Constantinople.....	Jan. 2-Jan. 30...		50	
Smyrna.....	Dec. 25-Jan. 22...		5	

BRAZIL.

*Sanitary report from Bahia.*BAHIA, BRAZIL, *January 24, 1899.*

SIR: I inclose herewith a compilation of the vital statistics for Bahia for the two months—May and June, 1898. The figures were taken from the official paper published a few days ago. I also beg leave to inform you that at present Bahia is free from contagious disease, other than the few sporadic cases of yellow fever and smallpox from time to time reported. At present there is a water famine. All water has been shut off from houses and all have to rely upon buying from water carriers. There was very little rainfall during the past year, and, as the water supply of the city is entirely dependent upon the rainfall and the collection and storage in reservoirs, there is now little water, and to be able to supply water for drinking it became necessary to economize in its use. Such water as there is is very bad and can only be used after boiling and filtering.

Very respectfully,

H. W. FURNISS,
United States Consul.

HON. SECRETARY OF THE TREASURY.

Vital statistics of Bahia, Brazil, for the months of May and June, 1898.

	May.	June.		May.	June.
Maximum temperature.....	29	26	Cases of infectious diseases:		
Minimum temperature.....	23.5	21	Smallpox—		
Average temperature.....	25.74	23.77	Had never been vacci-		
Relative humidity.....	75.38	83.91	nated.....	49	23
Rainfall.....	220 ^{mm}	216 ^{mm}	Treated in hospital.....	20	6
Rainy days.....	14	16	Died.....	3	3
Deaths:			Treated at home.....	38	20
Male.....	241	210	Died.....	3	1
Female.....	150	184	Total deaths.....	391	394
Stillborn:			Causes—		
Male.....	12	7	Smallpox.....	6	4
Female.....	4	3	Yellow fever.....	13	13
Nationality of deaths:			Enteric fever.....	4	4
Brazilian.....	353	350	Typhus fever.....	3	0
Portuguese.....	17	7	Beriberi.....	11	6
German.....	1	1	Pulmonary tuberculosis..	47	53
French.....	1	1	Malarial fevers.....	37	33
Italian.....	2	3	Bronchitis.....	11	23
Spanish.....	5	6	Circulatory diseases.....	31	48
African.....	10	24	Carcinoma.....	1	2
Greek.....	0	1	Pneumonia.....	4	7
Arabian.....	1	0	Diarrhea and dysentery..	52	37
Cases of infectious diseases:			Tetanus.....	0	4
Yellow fever.....	a 20	b 15	Syphilis.....	2	3
Smallpox—			Cerebral hemorrhage		
Male.....	32	21	and congestion.....	16	12
Female.....	26	5	Meningitis.....	10	6
Total.....	58	26	Nephritis.....	14	14
Race—			Tetanus infantile.....	14	11
White.....	7	0	Other causes.....		
Negro.....	7	4	Births, alive:		
Mixed.....	34	12	Male.....	45	36
Unknown.....	10	10	Female.....	44	48
Had been at sometime			Legitimate.....	47	50
vaccinated.....	9	3	Illegitimate.....	42	34
			Marriages.....	23	25

(a) Of these, 2 had resided here eight days, 1 one month, 4 two months, 1 three months, 1 seven months, 1 eighteen months, 1 two years, 1 five years, and 8 unknown.

(b) Of these, 3 had resided here one month, 7 two months, 2 six months, 1 seven months, 1 one year, and 1 three years.

Correction of statistics of yellow fever and smallpox.

CONSULATE OF THE UNITED STATES OF AMERICA,

Bahia, Brazil, January 24, 1899.

SIR: I would be pleased to have you correct the reports on smallpox and yellow fever as affecting Bahia and appears in PUBLIC HEALTH REPORTS, as follows:

Number of cases of yellow fever from January 1, 1898, to June 30, 1898, as per official reports covering that period, 67. Number of cases of smallpox from January 1, 1898, to June 30, 1898, as per official reports covering that period, 677. Number of cases of typhus fever from January 1, 1898, to June 30, 1898, as per official reports, 3.

For the time subsequent to above dates leave the figures as I have given them from week to week.

It can be seen from the above that more cases are officially recognized than I have reported. I can not get official information until it is too late to be of any service, so have to report just those cases which I myself find out.

Very respectfully,

H. W. FURNISS,
United States Consul.

Hon. SECRETARY OF THE TREASURY.

*Sanitary report from Rio de Janeiro.*RIO DE JANEIRO, *January 14, 1899.*

SIR: I have the honor to transmit to you the official report for the week ended December 30. There were 269 deaths from all causes, a decrease of 46 as compared with the foregoing week; 16 deaths from *accesso pernicioso*, an increase of 2; 8 deaths from yellow fever, an increase of 4; 5 deaths from smallpox, a decrease of 2; 2 deaths from typhoid fever, a decrease of 1; 1 death from measles, a decrease of 1; 3 deaths from beriberi, an increase of 1, and 52 deaths from tuberculosis, an increase of 8.

Since last report the following-named ships have been inspected and received bills of health of this office: January 7, steamship *Scottish Prince*, British, for New York. January 9, steamship *Severn*, British, for Baltimore; steamship *Handel*, British, for New York. January 10, steamship *Caormina*, German, for New York; bark *Adelina*, Portuguese, for Savannah. January 11, bark *Monte Alegre*, Italian, for Pensacola; bark *Loreto*, Italian, for Pensacola; bark *Adele*, Swedish, for Brunswick. January 13, steamship *Newlyn*, British, for New York. January 14, schooner *Cuskar*, British, for Ship Island; bark *Signal*, Norwegian, for Biloxi.

Respectfully, yours,

W. HAVELBURG, M. D.,

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

The SUPERVISING SURGEON-GENERAL,

U. S. Marine-Hospital Service.

CANADA.

*Smallpox in the province of Quebec.*MONTREAL, *February 15, 1899.*

The present status of smallpox in the province is as follows :

Municipality.	County.	Population.	Date of outbreak.	New cases since last report. (a)	Total cases since outbreak.	Died.	Recovered.	Still sick.	Houses infected since outbreak.	Houses still infected.
Coteau du Lac.....	Soulanges.....	1,276	Dec. 10	0	5	0	5	0	1	0
Coteau Landing .....	.....do.....	507	Dec. 29	0	1	1	.....	0	1	0
St. Telephore.....	.....do.....	1,307	Jan. 12	0	5	.....	1	4	1	1

(a) Date of last report, February 6. No change, therefore, since last report.

Yours, respectfully,

ELZÉAR PELLETIER,

Secretary Board of Health of the Province of Quebec.

CUBA.

*Sanitary report from Havana.*HAVANA, CUBA, *February 17, 1899.*

SIR: I have the honor to submit the following report for the week ended Thursday, February 16, 1899:

The deaths from all causes continue to decrease every week and this week's mortality is the lowest recorded in several years. There is 1 death credited to yellow fever during the week. This case occurred in

the person of a private of Eighth Infantry, United States Army. This regiment has been quartered in tents and in that part of the city called the Punta, which is near the entrance of the harbor and within 200 yards of the water front. The patient had been seen by several medical officers of the Army and the United States Marine-Hospital Service. There was a difference of opinion as to the nature of the man's illness; the same difference prevailed after the necropsy, but as the cause of death was determined on the death certificate as yellow fever it should be so recorded.

The soldiers now performing guard and other duties in the city since January 1 have been particularly free from sickness, although the location of some of the troops has been in places which, in my opinion, are not free from infection at any season of the year. Discharged soldiers and army employees are returning by every passenger steamer to the United States, and I would estimate the number for the past week at 300. These men come from the camps all over the island, some few coming to this point from the province of Santiago via Cienfuegos.

Over 75 per cent of this travel is over the lines going to Miami and Port Tampa, Fla., and I would here recommend that the baggage of these men, principally blankets and soiled clothing, be disinfected at ports of arrival. It is a daily occurrence to find enlisted men and army employees who have never been vaccinated; such men are vaccinated and detained as short a period as I consider within the limit of safety. I examined yesterday 4 men of the hospital corps; 2 of them had never been vaccinated. One man loudly proclaimed his natural immunity to both yellow fever and smallpox. I have not as yet been able to assume full charge of the port of Havana as quarantine officer. Surgeon Carter has transferred the 2 medical officers who were detailed by the army authorities to this Service, and they are now acting under orders of this office. These officers have been and are still detailed for the work of boarding incoming vessels.

Sanitary Inspector A. R. Hagen reported for duty on Wednesday morning. His coming has been very opportune, as the work of the Service has increased daily, until with the present force it has been almost impossible to handle the passengers and to properly inspect vessels going to the United States.

There are now 13 passenger steamers every week to the United States.

A cold wave has just passed over the island—the thermometer registering below 60 degrees.

It is again warm, the thermometer at this 10 a. m. indicating a temperature of 80 degrees. There has been a greater rainfall during the past month than has ever been known for same period in any previous year.

Very respectfully,

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

Mortality of the city of Havana for the week ended Thursday, February 16, 1899.

Cause of death.	Total.
Yellow fever.....	1
Enteric fever.....	4
Pernicious fever.....	4
Malarial fever.....	21
Dysentery.....	2
Enteritis.....	32
Pneumonia.....	1
Tuberculosis.....	43
Deaths from all causes.....	215
Annual ratio per 1,000.....	55.90

FRANCE.

Consular report of sanitary conditions at Marseilles during the week ended February 6, 1899.

The total number of deaths in the city of Marseilles during the seven days past is 239, that is to say, an average of 34.142 per day in a total population of 447,344. The total number of deaths for January was 998, as against 1,018 for December. During the week 2 bills of health were issued to vessels clearing for ports in the United States. Influenza and chest troubles are still the prevailing local diseases. During January, 42 vessels were inspected at this port by the health authorities. Of this number inspected and disinfected, 29 arrived from the extreme Orient, 12 from America—North and South—and 1 from Syria. The pest is reported to be decreasing at Tamatave, where, from January 1 to 15, there were 68 cases reported, of which 2 only were Europeans.

ITALY.

Maritime sanitary order, No. 1, 1899.

[Translated in this Bureau from copy officially forwarded.]

In view of maritime sanitary order, No. 12, of December 1, 1895, in regard to the importation of rags, bedding, and personal clothing from foreign countries, and in view of the present existence of epidemic foci in Greece, it is decreed that the said sanitary order is and be made applicable to all arrivals from Greece.

The prefects of maritime and frontier provinces, port captains and officials, and customs officers are charged with the execution of the order.

MARSENGO,
Minister of the Interior.

JAPAN.

Smallpox on Japanese steamship America Maru.

YOKOHAMA, JAPAN, January 25, 1899.

SIR: With regard to Japanese steamship *America Maru*, which sails to-day for San Francisco, via Honolulu, I have the honor to report that, on the voyage from Yokohama to Hongkong, departing from the former port December 31, and being four and a half days on the passage, 2 cases of smallpox appeared among the Indian firemen.

The patients were promptly removed from the ship on her arrival in Hongkong, the ship quarantined for two days and disinfected, being liberated on the 7th of this month.

Under the circumstances, I have not felt warranted in taking any further precautions here.

The outbreak of smallpox, after a prolonged stay in this port, where there has not occurred a single case of smallpox this season, save 2 removed from ships from China, with which the cases on the *America Maru* can not possibly have been connected, is somewhat remarkable.

Respectfully, yours,

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

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

TURKEY.

Sanitary report from Constantinople.

[Report No. 207.]

CONSTANTINOPLE, *January 25, 1899.*

SIR: The number of deaths registered in Constantinople during the fortnight from the 2d to the 16th instant was 564, of which 5 were from diphtheria, 1 from scarlet fever, 6 from measles, 19 from smallpox, and 15 from typhoid fever. I hope next week to be able to state, also, the number of deaths from pneumonia, having asked for such information from the bureau de la mortalité at the last sitting of the International Sanitary Commission. I am sorry not to be able to state how many deaths occur from influenza. This epidemic is not so widespread as it was in 1890, but its course is long; it lasts for weeks and weeks. It has a short course when it proves fatal. We have to deal also with the epidemic of mumps, which for the moment is of light form. The sanitary news from the provinces states that diphtheria is raging in the villages surrounding the Lebanon.

Dr. Crendiropulos, the sanitary inspector of Camaran, has sent a report dated November 23, 1898, dealing with the epidemic of beriberi which broke out on board the *Nour el Bahr*. This boat was recently built at Genoa, in Italy, and was sailing in the Red Sea. She had food provisions of good quality and she did not have any contact with places where said epidemic did exist. Very probably among her passengers there were some from Sudan, where the epidemic of beriberi exists endemically, as it is stated. The symptoms which said illness presents are in its beginning cedema in the feet, muscular pains, and very often creeping, giddiness, and unsteadiness of the gait, namely, when the patient is tired and when the eyes are shut. Tendon-reflexes are diminished. There is no fever but there is tachycardia. The cedema of the feet rises gradually to the legs and thighs, to chest and face. In such a case the constriction of the chest makes its appearance, and from day to day it gets stronger. Giddiness and vomiting must be added to the above-referred symptoms. Constipation is very strong and micturition is rare; no albuminuria. At the end of the illness paralysis of the abductors and adductors appears, and gradually said paralysis, extends to the muscles of the legs as well as to those of the chest, and the patient dies from asphyxia. Very often there is an amelioration in the condition of the patient, and as a consequence the restitutio ad integrum is to be hoped when, at once, without any appreciable reason, the patient

gets worse and death supervenes unexpectedly. The cases which do not prove fatal have a very slow evolution. Dr. Crendiropulos does not mention the number of patients nor of deaths of the *Nour el Bahr*.

Pilgrimage to Mecca.—The arrival of the pilgrims for the pilgrimage of the present year has already begun. It is announced that about 10,000 pilgrims have already landed at Djiddah. Though the Camaran lazaretto is not yet complete, the pilgrims who undergo quarantine are supplied with distilled fresh water. I have already reported previously about the installation in said lazaretto of distilling-water machines and others for the fabrication of ice. In the lazaretto of Abu-Saad distilled water is supplied by the *Zulal*, a tugboat, the name of which (*Zulal*) means nectar. Said ship was built at Genoa for providing distilled water to the lazaretto of Abu-Saad, and to the cities of the Red Sea, where pure water does not exist, as at Yambo. At Camaran this year there are 4 women nurses, engaged from Egypt, for the women pilgrims who undergo quarantine.

I have the honor to forward a printed French copy of the *Mouvement General du pelerinage du Hedjaz* of last year, 1897-1898.

Respectfully, yours,

SPIRIDION C. ZAVITZIANO,

United States Sanitary Commissioner.

The SUPERVISING SURGEON-GENERAL,

U. S. Marine-Hospital Service.

Epizootic bulletin.

[Inclosure—Translated in this Bureau from official report.]

Mersin.—January 16, 1899. The epidemic of bovine plague which prevailed in the Sandjak of Kozan has disappeared. The vilayet of Adana is consequently free from epizootic disease.

Silivrie.—January 17. Bovine plague made its appearance December 28, 1898, at the village of Tchaouchlou and at a farm in the vicinity.

Constantinople.—January 29. Glanders is reported at the stables of the Ak-Saray and Chichli tramways.

The epidemic of smallpox which prevailed at Yakadjik has ceased. The disease has, however, appeared at Eren-Keny.

FOREIGN STATISTICAL REPORTS.

AUSTRALIA—Melbourne.—Month of November, 1898. Estimated population, 458,610. Total number of deaths, 675, including diphtheria, 10; enteric fever, 5; measles, 8; influenza, 5; whooping cough, 14, and 63 from phthisis pulmonalis.

BAHAMAS—Nassau.—Two weeks ended January 31, 1899. Estimated population, 11,000. Number of deaths not reported. No contagious diseases.

FRANCE—St. Etienne.—Two weeks ended January 15, 1899. Estimated population, 135,784. Total number of deaths, 664, including diphtheria, 4; enteric fever, 19; scarlet fever, 1; whooping cough, 1, and 80 from phthisis pulmonalis.

GERMANY—Glauchau.—Month of December, 1898. Estimated population, 27,000. Total number of deaths, 49, including measles, 1, and 7 from phthisis pulmonalis.

Stuttgart.—Month of November, 1898. Estimated population, 171,991. Total number of deaths, 151, including diphtheria, 2, and 16 from phthisis pulmonalis.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 33 great towns in England and Wales during the week ended January 28, 1899, correspond to an annual rate of 17.0 a thousand of the aggregate population, which is estimated at 11,404,408. The highest rate was recorded in Plymouth, viz, 23.8, and the lowest in Cardiff, viz, 12.9.

London.—One thousand three hundred and eighty-two deaths were registered during the week, including measles, 21; scarlet fever, 12; diphtheria, 31; whooping cough, 36; enteric fever, 15, and diarrhea and dysentery, 8. The deaths from all causes correspond to an annual rate of 15.8 a thousand. In greater London 1,811 deaths were registered, corresponding to an annual rate of 14.5 a thousand of the population. In the "outer ring" the deaths included 13 from diphtheria, 7 from measles, 2 from scarlet fever, and 15 from whooping cough.

Wales—Cardiff.—Two weeks ended January 21, 1899. Estimated population, 185,826. Total number of deaths, 56, including 3 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended January 28, 1899, in the 23 principal town districts of Ireland was 25.4 a thousand of the population, which is estimated at 1,012,148. The lowest rate was recorded in Lisburn, viz, 4.3, and the highest in Kilkenny, viz, 42.5 a thousand. In Dublin and suburbs 167 deaths were registered, including enteric fever, 5; scarlet fever, 1; influenza, 3, and whooping cough, 5.

Scotland.—The deaths registered in 8 principal towns during the week ended January 28, 1899, correspond to an annual rate of 22.1 a thousand of the population, which is estimated at 1,587,414. The lowest mortality was recorded in Paisley, viz, 18.3, and the highest in Leith, viz, 24.9 a thousand. The aggregate number of deaths registered from all causes was 676, including diphtheria, 9; measles, 15; scarlet fever, 14, and whooping cough, 30.

ITALY—*Genoa*.—Month of November, 1898. Estimated population, 218,209. Total number of deaths, 271, including diphtheria, 3; enteric fever, 10, and 39 from phthisis pulmonalis.

JAMAICA.—Five weeks ended January 28, 1899. Estimated population, 694,866. Number of deaths not reported. No contagious diseases.

Kingston.—Six weeks ended January 28, 1899. Estimated population, 34,314. Number of deaths not reported. One case of enteric fever and 6 cases of influenza.

MALTA.—Two weeks ended December 31, 1898. Estimated population, 177,745. Total number of deaths, 244, including 10 from enteric fever.

NICARAGUA—*San Juan*.—Month of January, 1899. Estimated population, 1,156. Total number of deaths, 4. No contagious diseases.

RUSSIA—*Riga*.—Month of November, 1898. Estimated population, 282,000. Total number of deaths, 449, including diphtheria, 18; enteric fever, 11; scarlet fever, 2; smallpox, 6, and 29 from phthisis pulmonalis.

ST. HELENA.—Four weeks ended January 14, 1899. Estimated population, 4,000. Total number of deaths, 11. No contagious diseases.

URUGUAY—*Montevideo*.—Month of November, 1898. Estimated population, 249,251. Total number of deaths, 633.

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. 4....	6,000	5								
Alexandretta.....	Jan. 21....	6,000	8								
Amherstburg.....	Feb. 11....	2,300	0								
Amsterdam.....	Feb. 4....	512,758	137							1	1
Asuncion.....	Jan. 7....	40,000	13								
Bahia.....	Jan. 21....	200,000									
Barmen.....	do.....	137,000	45				1		1		5
Barranquilla.....	Jan. 28....	40,000	12								
Belfast.....	do.....	308,960	151					2		3	3
Belize.....	Feb. 9....	13,000	11								
Belleville.....	Feb. 13....	10,300	7								
Birmingham.....	Jan. 28....	510,343	158					1	1	1	3
Do.....	Feb. 4....	510,343	214					5	1	6	3
Bluefields.....	Jan. 28....	3,018	1								
Do.....	Feb. 4....	3,018	0								
Bombay.....	Jan. 18....	821,764	a1,239	6		1		1			19
Do.....	Jan. 24....	821,764	b1,448	3		2		3			30
Bradford.....	Jan. 28....	231,260	81					1	1		1
Bremen.....	Jan. 21....	144,000	45								
Breslau.....	Jan. 7....	300,000	181					1	3	1	2
Do.....	Jan. 14....	300,000	184							2	1
Do.....	Jan. 21....	300,000	188					3	3		1
Bristol.....	Jan. 28....	320,911	105								
Brussels.....	do.....	551,614	179					3		1	17
Budapest.....	Jan. 29....	640,000					5		4		1
Do.....	Feb. 4....	640,000					4		2	5	3
Cairo.....	Jan. 21....	570,064	372			1		5			
Calcutta.....	Jan. 7....	681,560	562	78							1
Do.....	Jan. 14....	681,560	c520	35						1	
Cardiff.....	Jan. 28....	185,826	46								
Carthage.....	do.....	25,000	9								
Catania.....	Feb. 2....	120,000	78					3			
Chaudiere Junction.....	Feb. 11....	500	0								
Chemnitz.....	Jan. 21....	172,810	98							2	
Chihuahua.....	Feb. 4....	24,000	28								
Do.....	Feb. 11....	24,000	18			1					
Christiania.....	Jan. 28....	207,000	90								
Do.....	Feb. 4....	207,000	134							1	1
Cognac.....	Jan. 21....	20,400	9								
Do.....	Jan. 28....	20,400	3								
Cologne.....	Jan. 21....	353,342	111							2	3
Colombo.....	Dec. 31....	130,000	49			1		1			
Constantinople.....	Jan. 30....	750,000	355			8		7		4	1
Copenhagen.....	Jan. 28....	351,000	129						3		2
Cresfeld.....	do.....	110,000	34								
Dresden.....	Jan. 7....	389,300	115						1		
Do.....	Jan. 14....	389,300	138						2	4	
Do.....	Jan. 21....	389,300	150						1	3	

a Plague, 308.

b Plague, 456.

c Plague, 2.

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.
Dublin.....	Jan. 28.....	349,594	167					5	1			5
Dundee.....	do.....	166,042	66						1	1		4
Edinburgh.....	do.....	298,927	116					1	3	1	4	9
Frakfort on the Main.....	Jan. 21.....	251,000	71							3		
Do.....	Jan. 28.....	251,000	76					1		1		2
Ghent.....	do.....	133,755	55					1	1	1		
Do.....	Feb. 4.....	133,755	56									
Girgenti.....	Jan. 23.....	24,428	16									
Glasgow.....	Jan. 27.....	733,903	330					1	7	4	7	12
Gothenburg.....	Jan. 21.....	122,205	33						1			
Do.....	Jan. 28.....	122,205	49						2			1
Guatemala.....	Jan. 30.....	65,000	42									
Halifax.....	Feb. 4.....	45,000	20						1			
Do.....	Feb. 11.....	45,000	12									
Hamburg.....	Jan. 21.....	675,351	205							4		2
Do.....	Jan. 28.....	675,351	230						1	2	1	5
Do.....	Feb. 4.....	675,351	189						1	1		2
Hamilton, Bermuda.....	Feb. 7.....	7,600	0									
Hamilton, Canada.....	Feb. 11.....	51,000										
Havre.....	Jan. 21.....	119,470	64					1			5	1
Hongkong.....	Dec. 31.....	248,710	69									
Do.....	Jan. 7.....	248,710	69									
Kingston, Canada.....	Feb. 10.....	18,800	8									
Do.....	Feb. 17.....	18,800	8									
La Paz, Mexico.....	Jan. 28.....	5,000	7									
Do.....	Feb. 4.....	5,000	9									
La Rochelle.....	Jan. 15.....	30,000	25					1				
Do.....	Jan. 23.....	30,000	11									
Do.....	Jan. 30.....	30,000	14									1
Leeds.....	Feb. 4.....	423,889	154					3	2	6		3
Leghorn.....	Jan. 29.....	104,509	36					1		2		
Leipzig.....	Jan. 21.....	422,071	144							2	1	
Leith.....	Jan. 28.....	77,385	37					2			1	1
Liège.....	do.....	169,102	32									
Do.....	Feb. 4.....	169,102	65								2	3
Licata.....	Jan. 28.....	20,000	11					3				
Liverpool.....	do.....	668,645	288					1	3	4	2	1
Livingston, Guatemala.....	Feb. 4.....	1,500	0									
London, Canada.....	Feb. 7.....	42,000	22									
London, England.....	Jan. 21.....	6,528,434	1,977					21	13	52	37	50
Do.....	Jan. 28.....	6,528,434	1,811					19	14	44	28	51
Madras.....	Jan. 13.....	452,518	372	1							5	
Do.....	Jan. 20.....	452,518	401	3							3	
Magdeburg.....	Jan. 21.....	224,433	81					1	3	3		2
Manchester.....	Jan. 28.....	505,343	187					2		1	13	1
Mannheim.....	Jan. 21.....	111,241	43							1		
Do.....	Jan. 28.....	111,241	42									
Matamoros.....	Jan. 10.....	16,304	2									
Mayence.....	Jan. 4.....	80,000	20									
Melbourne.....	Dec. 24.....	450,000						1		1		
Do.....	Dec. 31.....	450,000						6				
Do.....	Jan. 7.....	450,000						5		1		
Messina.....	Jan. 28.....	107,000	53									
Mexico.....	Feb. 5.....	344,377				4	9			2		1
Monterey.....	Feb. 9.....	25,000	72									
Moscow.....	Jan. 21.....	1,000,000	554			7	2		9	19	17	1
Nagasaki.....	Jan. 20.....	132,000						2				
New Castle on Tyne.....	Jan. 28.....	223,000	71						1	1	3	1
Nuevo Laredo.....	Feb. 4.....	4,500	1			1						
Nuremberg.....	Jan. 7.....	230,000	83							3		3
Odesa.....	Jan. 28.....	400,600	129							1	1	
Osaka and Hiogo.....	Jan. 14.....	202,912	125							2		
Do.....	Jan. 21.....	202,912	136							2		
Palermo.....	do.....	205,712	126						1	3		
Do.....	Jan. 28.....	205,712	119				1		2			
Paris.....	do.....	2,511,955	870					7	8	12	10	10
Plymouth.....	Feb. 4.....	99,848	29									1
Puerto Cortes.....	Feb. 8.....	2,000	0									
Quebec.....	Feb. 11.....	73,000								1	1	
Rheims.....	Jan. 21.....	107,709	40									
Rio de Janeiro.....	Dec. 20.....	750,000	a 269	8				2			1	
Rotterdam.....	Feb. 4.....	309,307	121					1				
St. Etienne.....	Jan. 14.....	145,000	130					2	2	4		

a Beriberi, 3.

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.	
St. John, West Indies.....	Jan. 28.....	15,000	10										
Do.....	Feb. 4.....	15,000	21										
St. Petersburg.....	Jan. 21....	1,267,023	646					24	11	17	7	10	
St. Stephen, New Brunswick.....	Feb. 11....	3,000	0										
Sheffield.....	Jan. 28....	324,243	128					4	3	6		1	
Do.....	Feb. 4.....	324,243	144					4	6	9			
Smyrna.....	Jan. 22....	300,000	74			3							
Southampton.....	Jan. 28....	103,168	47								2		1
Do.....	Feb. 4.....	103,168	36								1	1	1
South Shields.....	Jan. 28....	102,312	40										
Stettin.....	Jan. 14....	153,000	57										
Do.....	Jan. 21....	153,000	63								2		
Stockholm.....	Jan. 28....	385,550	133								1		
Stuttgart.....	Jan. 26....	162,934	73								12	6	1
Sunderland.....	Jan. 28....	145,613	62										
Tegucigalpa.....	Jan. 7.....	12,000	4					2	1		1	4	
Do.....	Jan. 14....	12,000	5										
Do.....	Jan. 21....	12,000	5										
Do.....	Jan. 28....	12,000	4										
Trapani.....	do.....	45,095	19										
Tuxpan.....	Dec. 24....	10,280	14										
Do.....	Dec. 31....	10,280	11										
Do.....	Jan. 7.....	10,280	16										
Do.....	Jan. 14....	10,280	10										
Do.....	Jan. 21....	10,280	12										
Utila, Honduras.....	Jan. 28....	800	0										
Do.....	Feb. 4.....	800	0										
Venice.....	Jan. 28....	169,883	79								2	2	2
Vera Cruz.....	Feb. 9.....	24,000	41		2								
Warsaw.....	Jan. 21....	601,408	246			4	4		11	2	1	2	
Do.....	Jan. 28....	601,408	218			3	4		1	4	4	1	
Windsor, New Brunswick.....	Feb. 11....	3,000	0										
Winnepeg.....	do.....	49,000	.....								1		
Yokohama.....	Dec. 31....	189,455	.....						1				
Do.....	Jan. 7.....	189,455	.....									
Do.....	Jan. 21....	189,455	.....						1		1		
Zurich.....	do.....	163,042	45								2		2

By authority of the Secretary of the Treasury :

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