

Public Health Reports

Treasury Department, United States Marine-Hospital Service. Published in accordance with act of Congress approved February 15, 1893.

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UNITED STATES.

Officers of the United States Marine-Hospital Service to serve in Spanish ports for the purpose of inspecting emigrants for the United States.

Upon the recommendation of the Secretary of the Treasury, with the concurrence of the Secretary of State, the President has directed the detail of P. A. Surg. James A. Nydegger and Asst. Surg. John F. Anderson, of the United States Marine-Hospital Service, to serve in the offices of the United States consul at Cadiz and United States consul-general at Barcelona, Spain, respectively. These officers will assist the consuls who are now enforcing the quarantine regulations of the Treasury Department to be observed at foreign ports by vessels bound for the United States, Cuba, and Porto Rico, and will sign the bills of health with the consuls. From these two ports these officers will have surveillance over emigration from Spain and Portugal. Practically all the emigration from Portugal, where plague prevails (in Oporto), comes through Spanish ports. These details are the result of a recent inspection by a medical officer of the Marine-Hospital Service.

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

Yellow fever in Key West, Fla., and other places.

[Continued from last PUBLIC HEALTH REPORTS.]

FLORIDA.

Miami—Camp McAdam.—November 3: Passed Assistant Surgeon Stimpson reports that 100 persons are in camp, including employees and officers—44 refugees; 8 arrived to-day. One case of yellow fever found among them and taken immediately to hospital.

November 4: He reports 7 refugees received in camp and 7 new cases of fever in Miami yesterday.

November 6: Assistant Surgeon Fricks is relieved from duty at Key West and ordered to report to Passed Assistant Surgeon Stimpson at Miami for duty.

Key West.—November 3, 2 cases; November 4, 2 cases; November 5, 6 cases.

LOUISIANA.

New Orleans.—Surgeon Carter telegraphs as follows:

November 3, 2 new cases, 2 deaths. Texas raised freight quarantine last night; continues that against passengers. Alabama raises all quarantine at 12 to-morrow save on used household goods. All of our force discontinued save clerk and stenographer; latter leaves to-morrow. * * *

November 4, 1 new case reported.

Frost in the South—Mississippi and part of Louisiana raise quarantine.

NEW ORLEANS, LA., November 1, 1899.

SIR: On the afternoon of the 28th the temperature began to drop in this section, and culminated in a "norther," lasting until this morning. There was decided frost over the country, from Texas to Alabama, not including the latter State. I do not know the temperature in Texas, save that frost was reported for Houston and the points north of that city. The weather was decidedly colder in the western part of the district in which it occurred than in the east, it being reported at 32° at Robeline, La. In Jackson and adjacent territory, and down the lines of the Illinois Central as far as Amite, there was good frost both Monday and Tuesday mornings. When I left Jackson last night about 12 o'clock the thermometer was standing at 43° and falling, so there should have been another frost this morning. I do not think this cold spell extended to the same extent to the eastward, and I doubt if frost reached Alabama, except the western portion.

After consultation the Mississippi board raised the quarantine against everything save household goods. The same action was taken by the parishes in western and northern Louisiana which had quarantined, save Calcasieu. This action, in my mind, was safe, as yellow fever will not form a focus of infection in these places.

The camp for suspects at Jackson was discontinued yesterday. The tents will be left standing for seven days for thorough aeration. Such bedding as has been used will be aired in the sun and wind for the same length of time and then shipped back to Fontainebleau. I think the camp has been a considerable factor in diminishing the rapidity of spread in Jackson, which is the same thing at this season of the year as advancing the advent of frost, and I think that and the other sanitary measures taken there, give us probably less than one-third of the cases we would have had without it. Still, the main factor in the delay of spread in Jackson was the cool weather in the end of September.

All inspectors of freight trains, boats, etc. for the territory, which I regard now as uninfectible, have been removed.

The work is still kept up for Alabama and on the mails and through freights for Texas.

The maps of the Weather Bureau promise another cold spell, which ought to raise everything.

Respectfully,

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

Maritime quarantine regulations of the Louisiana board of health.

NEW ORLEANS, LA., October 30, 1899.

SIR: The following regulations for the maritime quarantine are to be issued by the Louisiana board of health, to take effect the 1st of November:

"The following class of vessels will be disinfected and held at the Mississippi River quarantine as usual:

- (1) All vessels with passengers from Vera Cruz.
- (2) All vessels with passengers from Tampa.
- (3) Vessels with passengers from Havana, unless the baggage of said passengers has been disinfected at Havana.

The following class of vessels will be disinfected, but not held: Vessels not carrying passengers from Vera Cruz."

Of course, the ordinary rules "that such vessels, as in the opinion of the quarantine officer require disinfection and detention, are subject thereto at his order," are also in force.

Respectfully,

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

NEW ORLEANS, LA., October 30, 1899.

SIR: Owing to the cold weather of to-day, the board of health decided to impose no quarantine restrictions on vessels coming without passengers, unless there was some special reason for doing so. This repeals the paragraph requiring all vessels from Vera Cruz to be disinfected.

Respectfully,

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

Yellow fever in the United States as reported to the Surgeon-General United States Marine Hospital Service from August 31 to November 10, 1899.

Places.	Date.	Cases.	Deaths.
Florida:			
Key West.....	Aug. 31-Sept. 30...	859	46
	Oct. 1.....	48	2
	Oct. 2.....	32	1
	Oct. 3.....	(a)	
	Oct. 4.....	33	
	Oct. 5.....	43	2
	Oct. 6.....	37	0
	Oct. 7.....	28	0
	Oct. 8.....	24	3
	Oct. 9.....	25	0
	Oct. 10.....	13	1
	Oct. 11.....	18	
	Oct. 12.....	7	2
	Oct. 13.....	23	
	Oct. 14.....	10	3
	Oct. 15.....	9	
	Oct. 16.....	15	
	Oct. 18.....	2	
	Oct. 19.....	7	0
	Oct. 20.....	4	0
	Oct. 21.....	10	
	Oct. 22.....	9	
	Oct. 23.....	13	2
	Oct. 24.....	6	
	Oct. 25.....	1	
	Oct. 26.....	5	2
	Oct. 27.....	2	0
	Oct. 28.....	2	1
	Oct. 29.....	2	
	Oct. 30.....	2	1
	Oct. 31.....	2	
	Nov. 1.....	1	
	Nov. 2.....	3	
	Nov. 3.....	2	
	Nov. 4.....	2	
	Nov. 5.....	6	
	Nov. 6.....	3	
	Nov. 7.....	0	
	Nov. 9.....	2	
Miami.....	Sept. 5-Sept. 22...	2	1
	Oct. 19.....	7	1
	Oct. 23.....	11	
	Oct. 25.....	1	0
	Oct. 26.....	5	
	Oct. 27.....	7	
	Oct. 29.....	7	0
	Oct. 30.....	5	2
	Oct. 31.....	2	0
	Nov. 1.....	8	
	Nov. 2.....	2	
	Nov. 3.....	7	
	Nov. 4.....	7	1
	Nov. 5.....	2	
	Nov. 6.....	1	
Port Tampa City.....	Sept. 10.....	1	1
Louisiana:			
New Orleans.....	Aug. 27-Sept. 30...	31	7
	Oct. 2-Oct. 3.....	2	
	Oct. 4.....	5	1
	Oct. 5.....	3	
	Oct. 7.....	1	
	Oct. 9.....	4	
	Oct. 10.....	2	
	Oct. 11.....	0	1
	Oct. 12.....	0	1
	Oct. 13.....	0	1
	Oct. 14.....	2	
	Oct. 16.....	1	
	Oct. 17.....	0	0
	Oct. 18.....	1	
	Oct. 19.....	1	
	Oct. 20.....	1	(b)
	Oct. 21.....	2	
	Oct. 23.....	2	
	Oct. 24.....	2	2
	Oct. 25.....	1	
	Oct. 27.....	2	
	Oct. 28.....	1	1
	Oct. 29.....	4	1
	Oct. 30.....	4	1
	Oct. 31.....	1	

a No report.

b In East Baton Rouge.

Yellow fever in the United States—Continued.

Places.	Date.	Cases.	Deaths.
<i>Louisiana—Continued.</i>			
New Orleans.....	Nov. 3.....	4	2
	Nov. 4.....	1	.....
	Nov. 6.....	3	.....
<i>Maryland:</i>			
Baltimore (a).....	Oct. 8.....	1	1
<i>Mississippi:</i>			
Centerville.....	Sept. 29.....	2	.....
Flora.....	Oct. 25.....	(b)	.....
Jackson.....	Sept. 10-Oct. 30.....	55	8
	Oct. 31-Nov. 1.....	6	1
Mississippi City.....	Sept. 1.....	1	1
	Sept. 14-Sept. 29...	26	1

a At quarantine station. b Yellow fever reported.

REPORTS FROM THE MEXICAN BORDER.

El Paso, Tex., October 29, 1899.—I have the honor to report that during the week ended October 28, 1899, no passengers arrived on the Mexican Central Railway from the city of Vera Cruz or Tampico, Mexico.

Smallpox is prevalent in various places on the line of the Mexican Central Railway from the city of Chihuahua to the City of Mexico, a distance of some 1,000 miles.

All officials, employees, and others connected with the Mexican Central Railway Company have recently undergone vaccination and revaccination, and I require all passengers on the road entering El Paso from Mexico to be vaccinated, so also the passengers on the street railroads, and foot passengers from Juarez, Mexico, to El Paso, Tex.

Passengers, and especially immigrants from points known to have smallpox have their baggage disinfected.

I have vaccinated 27 children of immigrants and other destitute people during the past week.

Respectfully,

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

Laredo, Tex., November 1, 1899.—I have the honor to submit the following report of the detention camp for the week ended October 28, 1899: October 23, placed H. M. Dawsey in camp, who stated he was from City of Mexico. He had no evidence of previous whereabouts and was a railroad man, and I suspected that he had been working on one of the roads running into Vera Cruz; therefore I detained him in camp, and, as he was destitute, I wired the Bureau for permission to issue him rations. He gave me references, and I found from reliable persons that he had not been east or southeast of City of Mexico, nor exposed to yellow fever from infection during ten days preceding his appearance at the quarantine station. He had no baggage. He was released on October 25. October 27, placed two persons in camp; one stated he was from Monterey, and the other was from San Louis Potosi. They were able to furnish their own board. Both furnished evidence on October 28 of not having been exposed to infection for over ten days preceding entry, and were released.

There have been slight frosts in many places in Texas. It is cool here at present; minimum temperature within the past twenty-four hours, 48° F., as registered at Fort McIntosh.

Respectfully,

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

Smallpox in the United States as reported to the Surgeon-General United States Marine-Hospital Service, June 30 to November 10, 1899.

[For reports received from January 1 to June 30, 1899, see PUBLIC HEALTH REPORTS for June 30.]

Places.	Date.	Cases.	Deaths.	Remarks.
Arkansas:				
Independence County	Oct. 26.....	1		
Jackson County	Oct. 27.....	19		
Jefferson County.....	Oct. 4.....	20		
Lee County.....	Oct. 26.....	1		
Pope County.....	.....do.....	1		
Pulaski County.....	Oct. 4-Oct. 26	16		
Total for the State.....		58		
California:				
Oakland.....	June 3-June 24.....	2	0	
San Diego.....	June 1-June 30.....	2	1	
Total for the State.....		4	1	
Colorado:				
Hinsdale County.....	Sept. 9.....	1		
Lake County.....	Sept. 18.....	2		
	Oct. 28.....	2		
Las Animas County.....	Sept. 9.....	1		
	Oct. 28.....	1		
Total for the State		7		
Connecticut:				
Stamford.....	July 20.....	1		
Florida:				
Jacksonville.....	July 1-Sept. 2.....	7		
Gadsden County.....	July 1-July 31.....	18		
Hillsboro County.....	April 10-July 10.....	35		
Jackson County.....	July 1-July 31.....	1		
Lake County.....	.....do.....	1		
Leon County.....	.....do.....	4		
Marion County.....	.....do.....	3		
Pasco County.....	.....do.....	5		
Total for the State.....		74		
Georgia:				
Brooks County.....	Aug. 5-Aug. 30.....	2	1	
Coffee County.....	Oct. 25.....	1		
Montgomery County.....	July 15-Aug. 10.....	31		
Savannah.....	June 3-July 27.....	7		
Total for the State.....		41	1	
Idaho:				
Latah County.....	July 1-Oct. 26.....	30		
Illinois:				
Chicago.....	June 20-July 1.....	3	0	
	Oct. 29-Nov. 4.....	2		
Indiana:				
Clark County.....	July 1-Sept. 30.....	6		
Elkhart County.....	.....do.....	1		
Harrison County.....	.....do.....	1		
La Grange County.....	.....do.....	10		
Lake County.....	.....do.....	1		
Marion County.....	.....do.....	6		
Porter County.....	.....do.....	30		
Total for the State		55		
Kansas:				
Butler County.....	Oct. 2.....	5		
Kansas City.....	June 10-June 17.....	2		
	Oct. 1-Oct. 8.....	9	1	
Total for the State		16	1	
Kentucky:				
Leslie County.....	Aug. 17.....	104		
Louisville.....	June 23-Sept. 23.....	17	0	
Total for the State.....		121		

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Louisiana:				
Concordia Parish	Oct. 11	1		Doubtful.
New Orleans.....	June 17-Aug. 26...	14	0	
	Oct. 15-Oct. 21...	1	0	
Shreveport.....	do	3	0	
Total for the State.....		19	0	
Maryland:				
Baltimore.....	June 18-July 15...	18	0	
Steelton.....	June 28.....	14		
Total for the State.....		32		
Massachusetts:				
Boston	June 27-Sept. 2...	9	3	
Chelsea	Sept. 29-Oct. 30...	14	3	
Everett	Aug. 7-Oct. 14...	5	2	
Fall River	June 27-Sept. 9...	2		
Lowell	Oct. 1-Oct. 7...	1		
Melrose	Oct. 8-Oct. 14...	1		
Roxbury	Aug. 30.....	3		
Total for the State.....		35	8	
Michigan:				
Benton Harbor.....	Oct. 23.....	10		Smallpox reported.
Grand Rapids.....	Oct. 22-Oct. 28...	1		
Saginaw County.....	Sept. 10-Oct. 7...			
Minnesota:				
Albert Lea County.....	Sept. 29.....	30		
	Sept. 30-Oct. 14...	22		
Austin.....	July 15-Aug. 1...	1	0	
Duluth.....	do	1	0	
East Grand Forks	do	7	0	
Round Lake.....	Aug. 1-Aug. 31...	10		
Total for the State.....		71		
Mississippi:				
Natchez	July 7-Oct. 12...	15	0	
Pine Ridge.....	Aug. 16.....	8		
Total for the State.....		23		
Missouri:				
Barry County.....	April 6-July 20...	35		
Lawrence County.....	do	1		
Lincoln County.....	do	9		
Scott County.....	do	25		
St. Francois County.....	April 6-July 20...	30	2	
Stoddard County.....	do	35		
St. Louis	June 19-June 26...	4		
Total for the State.....		139	2	
Montana:				
Butte.....	Sept. 30-Oct. 18...	2	1	
Great Falls.....	Sept. 18.....	6		
Total for the State.....		8		
New York:				
New York City	Oct. 15-Oct. 28...	7		
North Carolina:				
Bertie County.....	May 1-May 31...	4		Do.
	July 1-July 31...	1		
Burke County.....	do	22		
Caldwell County.....	do	3		
Caswell County.....	do	6		
Catawba County.....	do	1		
Charlotte.....	June 30.....	1		
Chowan County.....	May 1-May 31...	1		
Currituck County.....	do	6		
	July 1-July 31...	2		
Forsyth County.....	do	2		
Gates County.....	May 1-May 31...			
	July 1-July 31...	12		
Halifax County.....	do	7		
Hertford County.....	May 1-May 31...	4		
	July 1-July 31...	2		

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
North Carolina—Continued.				
McDowell County.....	May 1-May 31...	1		Smallpox reported.
Moore County.....	.....do.....	1	
Nash County.....	.....do.....		
Northampton.....	.....do.....	1	
Richmond County.....	July 1-July 31...	1		
Rockingham.....	May 1-May 31...	14		
Rowan.....	.....do.....	1	
Wake.....	July 1-July 31...	1		
Wayne.....	May 1-May 31...	4		
	.....do.....	7	
Total for the State.....		105		
Ohio:				
Cincinnati.....	July 7-Oct. 27...	25		
Cleveland.....	June 24-Nov. 4...	25		
Columbus.....	July 30-Aug. 5...	1		
Dayton.....	July 15-Oct. 7...	6		
Total for the State.....		55		
Oregon:				
Astoria.....	Oct. 11.....	1		Do.
Portland.....	June 13-July 19...	6	0	
Umatilla County.....	Sept. 7.....			
Total for the State.....		7		
Pennsylvania:				
Allegheny County.....	June 3-Sept. 30...	38		At Penn Station, several.
Belle Vernon.....	June 3-June 26...	1		
Brownsville Township.....	.....do.....	34	
Cambria County.....	June 3-Aug. 5...	27		
Philadelphia.....	Oct. 22-Oct. 23...	2		
Somerset County.....	June 3-Aug. 5...	10		
Washington County.....	June 3-June 26...	11		
Westmoreland County.....	June 3-Aug. 5...	2		
Total for the State.....		125		
Porto Rico:				
Ponce.....	June 17-July 22...	6		
Tennessee:				
Memphis.....	Sept. 23-Oct. 9...	4		
Texas:				
Beaumont.....	Aug. 2.....	8		Many cases reported.
Brazos County.....	Aug. 4-Aug. 18...			
Brenham, Wash'gton County.....	.....do.....	1	
Candelaria.....	Sept. 29.....	1		
Canagre.....	.....do.....	1	
Dallas.....	Aug. 4-Aug. 18...	1		
El Indie.....	Sept. 29.....	7		
Galveston.....	Oct. 20.....	1		
Presidio.....	July 28.....	40		
Palno.....	Sept. 29.....	2		
Pilares.....	.....do.....	15	
Ruidoso.....	.....do.....	4	
Sabine Pass.....	July 15.....	2		
San Antonio.....	Aug. 1-Aug. 31...	1	1	
Shafter.....	July 23-Aug. 5...	25		
Taylor.....	Aug. 4-Aug. 18...	1		
Sixteen places.....	Aug. 5-Sept. 9...	79	4	
Total for the State.....		188	5	
Virginia:				
Alexandria.....	Oct. 20.....	1		Smallpox reported. Do. Do.
Bristol.....	Oct. 1-Oct. 13...	30		
Cape Charles.....	July 8.....	1		
Danville.....	June 14-July 6...	30	0	
Norfolk.....	June 22-Aug. 4...	19	1	
	Oct. 19.....	1		
Portsmouth.....	June 22-Nov. 4...	26	3	
Augusta County.....	July 1-July 31...	1		
Brunswick County.....	.....do.....	2	
Charles City County.....	Aug. 1-Aug. 31...	8		
Gloucester County.....	July 1-July 31...			
Goochland County.....	.....do.....		
Greeneville County.....	.....do.....		

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Virginia—Continued.				
Hanover County.....	Aug. 1-Aug. 31...	1		Smallpox reported.
Ile of Wight County.....	do	6		
Mathews County.....	do	3		
Mecklenburg County.....	do			Do.
Norfolk County.....	do			Do.
Orange County.....	do	2		Smallpox prevalent.
Pittsylvania County.....	do	2		
Princess Anne County.....	July 1-July 31...	1		Several cases.
Prince George County.....	Aug. 1-Aug. 31...	1		
Scott County.....	July 1-July 31...			
Surry County.....	Aug. 1-Aug. 31...	9		
Sussex County.....	do	14		
Wise County.....	do	2		
Total for the State.....		157	4	
Washington:				
Almira.....	July 3.....	9		
Orcas Island.....	Oct. 20.....	5		
Seattle.....	July 19-Sept. 30...	6		
Spokane.....	July 8-Aug. 19...	7		
Tacoma.....	July 23-Aug. 5...	2		
Walla Walla.....	June 29.....	8	0	
Total for the State.....		37		
West Virginia:				
Benwood.....	July 5.....	1	0	
Elkhorn, McDowell County...	Aug. 19.....	1		
Total for the State.....		2		

PORTO RICO.

Report from Ponce.

PONCE, PORTO RICO, *October 21, 1899.*

SIR: I have the honor to transmit herewith weekly quarantine and abstract of bills of health reports for the week ended October 21.

I also inclose a condensed mortality report for the two weeks ended the same date.

Nothing of interest has occurred among the shipping during the week.

Respectfully,

C. H. LAVINDER,
Assistant Surgeon, U. S. M. H. S.

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

[Inclosure.]

Number of deaths in Ponce jurisdiction during the two weeks ended October 21, 1899.

Infectious diseases—	
Tuberculosis.....	20
Malarial fever.....	6
Typhoid fever.....	1
Dysentery.....	11
Whooping cough.....	1
Tetanus.....	4
	<hr/>
	43
Diseases of the digestive apparatus.....	40
Diseases of the respiratory system.....	6

Number of deaths in Ponce, etc.—Continued.

Diseases circulatory system	7
Other diseases (anæmia, inanition, etc.).....	29
Total.....	125
Births in the same period.....	53

*Vessels arriving at Baltimore from Cuba and Porto Rico during the week ended October 28, 1899.*BALTIMORE, MD., *October 28, 1899.*

SIR: I respectfully transmit the following statement of vessels which have entered at the port of Baltimore from ports in Cuba and Porto Rico during the week ended October 28, 1899: British steamship *Aldborough*, arrived October 26 from Daiquiri; sailed, October 17; cargo, ore.

Respectfully,

JNO. R. KING,
Assistant Deputy Collector.

*Vessels from Cuba and Porto Rico arriving at Baltimore during the week ended November 4, 1899.*BALTIMORE, MD., *November 4, 1899.*

SIR: I respectfully transmit the following statement of vessels, which have entered at the port of Baltimore, from ports in Cuba and Porto Rico, during the week ended November 4, 1899:

British steamship *Braton* arrived October 30 from Daiquiri; sailed October 21; cargo, iron ore.

Respectfully,

JNO. R. KING,
Assistant Deputy Collector.

*Passenger lists of vessels bound for Canadian ports with emigrants for the United States, to be certified by consuls at foreign ports.*WASHINGTON, D. C., *October 30, 1899.*

SIR: The Bureau incloses herewith copy of a letter which has been addressed to the United States Commissioners of Immigration at Quebec, Province of Quebec, and Vancouver, British Columbia, Canada, concerning the authentication of manifests of passengers arriving at Canadian ports and destined to the United States.

This copy is sent you as a memorandum, in case you desire to have Marine-Hospital surgeons who are stationed at ports of embarkation inspect immigrants who are bound for Canadian ports en route to this country.

Respectfully,

FRANK H. LARNED,
Acting Commissioner-General.

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

[Inclosure.]

WASHINGTON, D. C., *October —, 1899.*

SIR: It has been learned by the Bureau that the requirements of manifests or lists of alien passengers by section 1 of the act approved March 3, 1893, and which, under the agreement between the Secretary of the Treasury and transportation companies bringing alien immigrants who are destined to the United States to Canadian ports, applies equally to the said transportation companies as to those coming direct to American ports,

are neglected by the former as regards certification before the United States consul or consular agent at the port of embarkation.

Inasmuch as under said agreement the Canadian transportation lines bound themselves to observe, so far as may be possible, the United States laws and regulations governing immigration; and furthermore, since the requirement referred to is one that can without difficulty be complied with, the Bureau directs that you inform the agents of the various lines parties to the said agreement that the attention of the Secretary of State has been called to this matter, with the request that he instruct our consuls and consular agents at the foreign ports from which said lines ply, to require the certification of each and every passenger list containing the names of immigrants to the United States.

Respectfully,

FRANK H. LARNED,
Acting Commissioner-General.

UNITED STATES COMMISSIONER OF IMMIGRATION,
Quebec, Province Quebec, Canada.

Report of immigration at Boston for the week ended November 4, 1899.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Boston, November 5, 1899.

Number of alien immigrants who arrived at this port during the week ended November 4, 1899; also names of vessels and ports from which they came.

Date.	Vessel.	Where from.	No. of immigrants.
Oct. 29	Steamship Boston.....	Yarmouth, Nova Scotia.....	83
Do....	Steamship Prince Arthur.....	.....do.....	59
Do....	Steamship Norwegian.....	Glasgow, Scotland.....	4
Oct. 30	Steamship Admiral Farragut.....	Bowden, Jamaica.....	2
Nov. 1	Steamship Prince George.....	Yarmouth, Nova Scotia.....	54
Do....	Steamship Anglian.....	London, England.....	3
Do....	Steamship Victorian.....	Liverpool, England.....	7
Nov. 2	Steamship Britannic.....	Louisburg Nova Scotia.....	2
Do....	Steamship Boston.....	Yarmouth, Nova Scotia.....	48
Do....	Steamship Prince Arthur.....	.....do.....	53
Nov. 3	Steamship Halifax.....	Halifax, Nova Scotia.....	70
Nov. 4	Steamship Prince George.....	Yarmouth, Nova Scotia.....	26
Do....	Steamship Canada.....	Liverpool, England.....	227
	Total.....	.....	638

GEORGE B. BILLINGS,
Commissioner.

*Report of immigration at New York for the week ended October 28, 1899.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of New York, October 31, 1899.**Number of alien immigrants who arrived at this port during the week ended October 28, 1899;
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Oct. 22	Steamship Etruria.....	Liverpool and Queenstown.....	280
Do.....	Steamship Island.....	Copenhagen, etc.....	130
Do.....	Steamship New York.....	Southampton.....	171
Do.....	Steamship La Bretagne.....	Havre.....	539
Do.....	Steamship Neustria.....	Marseilles and Naples.....	658
Oct. 23	Steamship Furnessia.....	Glasgow.....	151
Oct. 24	Steamship Brasilia.....	Hamburg.....	98
Do.....	Steamship Spaarndam.....	Rotterdam.....	384
Oct. 25	Steamship Noordland.....	Antwerp.....	480
Do.....	Steamship Teutonic.....	Liverpool and Queenstown.....	394
Oct. 26	Steamship Italia.....	Hamburg.....	119
Do.....	Steamship Lahn.....	Bremen.....	478
Do.....	Steamship Darmstad.....	.....do.....	561
Do.....	Steamship Aller.....	Genoa and Naples.....	762
Oct. 27	Steamship Patria.....	Hamburg.....	428
Oct. 28	Steamship St. Louis.....	Southampton.....	187
	Total.....		5,815

THOMAS FITCHIE,
*Commissioner.**Report of immigration at New York for the week ended November 4, 1899.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of New York, November 6, 1899.**Number of alien immigrants who arrived at this port during the week ended November 4, 1899;
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Oct. 29	Steamship Auguste Victoria.....	Hamburg.....	353
Do.....	Steamship California.....	Naples.....	372
Do.....	Steamship Kaiser Wilhelm der Grosse.....	Bremen.....	572
Do.....	Steamship Campania.....	Liverpool and Queenstown.....	521
Do.....	Steamship La Touraine.....	Havre.....	496
Do.....	Steamship Rotterdam.....	Rotterdam.....	772
Oct. 30	Steamship Peninsular.....	Azores.....	161
Nov. 2	Steamship Kaiser Wilhelm II.....	Genoa and Naples.....	745
Do.....	Steamship Friesland.....	Antwerp.....	621
Oct. 3	Steamship Chateau Yquem.....	Marseilles and Naples.....	692
Oct. 4	Steamship Patricia.....	Hamburg.....	561
Do.....	Steamship Sempione.....	Genoa and Naples.....	972
	Total.....		6,838

THOMAS FITCHIE,
Commissioner.

*Report of immigration at Philadelphia for the week ended November 4, 1899.***OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,**
*Port of Philadelphia, November 4, 1899.**Number of alien immigrants who arrived at this port during the week ended November 4, 1899; also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Oct. 30	Steamship Belgenland.....	Liverpool and Queenstown.....	360
	Total.....	.....	360

JNO. J. S. RODGERS,
Commissioner.

REPORTS FROM NATIONAL QUARANTINE

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
	UNITED STATES:				
1	Alexandria, Va.....	Nov. 4	.....	.....	.....
2	Beaufort, S. C.....	do.....	.....	.....	.....
3	Brunswick, Ga.....	Oct. 28	Ger. br. Margaretha (a)..... Nor. bk. Emilie Marie.....	Oct. 13 Oct. 25	Pernambuco..... Florianopolis, Brazil.
4	Cape Charles, Va.....	Nov. 4	Nor. bk. Arcturus..... Ger. ss. Doslicarlia.....	Oct. 28 Oct. 30	Santos..... Rio and Santos via New York.
5	Cape Fear, N. C.....	do.....	Nor. bk. Johanne (a)..... Br. ss. Mountby..... Br. ss. Emma.....	Oct. 28 Nov. 2 do.....	Pernambuco via Barbados. Galveston..... New Orleans.....
6	Columbia River, Oreg.....	Oct. 28	.....	.....	.....
7	Delaware Breakwater Quarantine, Lewes, Del.	Nov. 4	.....	.....	.....
8	Eureka, Cal.....	Oct. 28	.....	.....	.....
9	Grays Harbor, Wash.....	do.....	.....	.....	.....
10	Gulf Quarantine, Ship Island, Miss.	do.....	Am. sc. Cora M..... Am. sc. Otis..... Br. sc. Anita..... Am. sc. Eleanor..... Am. sc. Anna M. Stam- mer. Am. sc. Elsie A. Bayles..... Am. sc. L. T. Whitmore..... Br. Ship Kings County..... Am. bk. Chas. Loring.....	Oct. 21 Oct. 22 do..... Oct. 23 Oct. 24 do..... do..... Oct. 26 do.....	Nuevitas..... Havana..... Caibarien..... Havana..... do..... Pointe à Pitre..... St. Pierre, Mar- tinique. Rio de Janeiro via Barbados. Demerara.....
11	Newbern, N. C.....	Nov. 4	.....	.....	.....
12	Pascagoula, Miss.....	Oct. 28 Nov. 4	.....	.....	.....
13	Port Townsend, Wash.....	Oct. 28	.....	.....	.....
14	Reedy Island Quarantine, Del.	Nov. 4	.....	.....	.....
15	San Diego, Cal.....	Oct. 28	.....	.....	.....
16	San Francisco, Cal.....	do.....	.....	.....	.....
17	Savannah, Ga.....	Oct. 28	Ger. bk. India (a)..... Ger. bk. Eduard.....	Oct. 7 Oct. 26	Rio de Janeiro..... Para.....
18	South Atlantic Quarantine, Blackbeard Island, Ga.	do.....	do.....	Oct. 28	do.....
19	Tortugas Quarantine, Key West, Fla.	Oct. 21	U. S. tug Powhatan (a)..... Am. sc. Lizzie M. Eells (a) Nor. ss. Hydra..... Nor. ss. Transit..... Am. sch. Mayflower..... do. (a)..... Am. sch. Ambrosia Boli- var. Am. tug Echo.....	Oct. 10 Oct. 13 Oct. 14 Oct. 17 Oct. 21 Oct. 21 Oct. 24 Oct. 22	Key West..... Havana..... do..... Havana via Cien- fuegos and Man- zanillo. Cuban coast via Key West. North coast of Cuba. Key West..... Havana.....
20	Washington, N. C.....	Nov. 4	.....	.....	.....
	CUBA:				
21	Caibarien.....	Oct. 21 Oct. 28	.....	.....	.....
22	Cardenas.....	Oct. 21 Oct. 28	.....	.....	.....
23	Cienfuegos.....	do.....	.....	.....	.....
24	Daiquiri.....	Oct. 21	.....	.....	.....
25	Gibara.....	Oct. 7	.....	.....	.....
26	Guantanamo.....	Oct. 21	.....	.....	.....
27	Havana.....	Oct. 28	Am. bge. Colleen (a)..... Br. ss. Widdrington..... Cuban lighter Matanzas.....	Oct. 21 Oct. 22 Oct. 23	Havana..... do..... do.....
28	Isabela de Sagua.....	Oct. 21 Oct. 28	.....	.....	.....

a Previously reported.

AND INSPECTION STATIONS.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
1				No transactions.....	
2				No report.....	
3	Brunswick	Disinfected and held.....	Oct. 24		1
	do	do			
4	do	Held for disinfection.....			
	Newport News.....	Held.....	Oct. 30	Released by authority of Surgeon-General.	13
5	Wilmington.....	Preliminary disinfection	Nov. 1	Released by order of Bureau.	
	Hamburg	Spoken and passed			
	do	do			
6					3
7				No report	
8					2
9				No transactions.....	
10	Pascagoula.....	Disinfected and held.....	Oct. 26		4
	do	do	Oct. 28		
	do	do	do		
	do	do	do	1 case malarial intermittent fever.	
	do	do			
	do	do			
	Ship Island.....	Held for disinfection.....			
	Pascagoula.....	Disinfected and held.....			
11				No transactions.....	
12					1
					2
13					7
14					18
15					2
16					24
17	Savannah	Disinfected and held.....	Oct. 25		9
	do	Held for instruction; vessel and pilot remanded to South Atlantic Quarantine.	Oct. 27	1 death at sea; probably from yellow fever.	
18	do	Held for disinfection and discharge of ballast.		Nor. bk. Milie Marie and Nor. bk. Arcturus sailed for Brunswick. Remanded from Savannah; 1 case malarial fever convalescent.	3
19	Tortugas.....	Disinfected and held.....	Oct. 16		
	Mobile	do	do	Without pratique.....	
	do	do	do	do	
	do	do	Oct. 18	do	
	Key West	Held for disinfection.....			
	do	Disinfected and held.....			
	Tortugas	do			
	Pensacola	do			
20				No transactions	
21					8
					6
22					9
					8
23					12
24					2
25					4
26					10
27	Mobile.. ..	Disinfected.....	Oct. 22		14
	do	do	do		
	Havana	do	Oct. 23		
28					13
					8

REPORTS FROM NATIONAL QUARANTINE

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
	CUBA—Continued.				
29	Manzanillo	Oct. 21	.....	.....	.....
30	Matanzas	Oct. 28	.....	.....	.....
31	Nuevitas	Oct. 21	.....	.....	.....
		Oct. 28	.....	.....	.....
32	Santiago de Cuba	Oct. 21	U. S. Army transport Wright, Dan. ss. Flandria.....	Oct. 17.....do.....	Nuevitas
33	POERTO RICO: Ponce.....	Oct. 14	It. ss. Las Palmas.....	Oct. 11	Guantanamo..... Port Limon
		Oct. 21	Nor. ss. Parran.....	Oct. 18	Havana
34	San Juan.....	.....	.....	.....	.....

AND INSPECTION STATIONS—Continued.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
29					11
30					3
31					10
				Am. sc. Gabriel Suarez, from Havana, still in harbor; 1 death, non-contagious disease.	2
32	Santiago.....	Boarded and passed.....	Oct. 17		11
	.....do.....	Redisinfected.....	Oct. 20	3 cases yellow fever.....	
33	Genoa.....	Held in quarantine.....	Oct. 11	Baggage of 3 local passengers disinfected; cargo taken and discharged in Genoa in quarantine.	4
	Ponce.....	Held in quarantine to complete period.	Oct. 19	Disinfected at Santiago...	5
34				No report.....	

REPORTS FROM STATE AND

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
1	Anclote, Fla.....	Nov. 4			
2	Baltimore, Md.....	do.			
3	Bangor, Me.....	do.			
4	Boston, Mass.....	do.			
5	Carrabelle, Fla.....	do.			
6	Cedar Keys, Fla.....	do.			
7	Charleston, S. C.....	Oct. 28 Nov. 4	Br. ss. Broadgarth.....	Nov. 1	Tampico.....
8	Charlotte Harbor, Fla.....	do.			
9	Elizabeth River, Va.....	do.	Br. ss. Aldborough.....	Oct. 29	Daiquiri.....
			Br. ss. Cayo Mono.....	Nov. 2	Jamaica.....
10	Galveston, Tex.....	Oct. 24	Ital. ss. Citta de Messina..	Nov. 3	New Orleans.....
			Winifred.....	Oct. 24	Algiers, La.....
			Br. ss. Sobralense.....	do.	Para.....
			Palos.....	do.	Campeche.....
			Br. ss. Salamanca.....	Oct. 25	Havana.....
			Br. ss. Nile.....	Oct. 26	Nuevitas.....
			Br. ss. Polycarp.....	do.	Para.....
			Costa Rican.....	Oct. 27	Port Barrios.....
		Nov. 4	Br. ss. Golden Cross.....		St. Vincent.....
			Sp. ss. Santanderino.....		Sagua.....
11	Gardiner, Oreg.....	Oct. 28			
12	Key West, Fla.....	do.	Nor. ss. Veritas.....	Oct. 27	Havana.....
13	Los Angeles, Cal.....	Nov. 4			
14	Mayport, Fla.....	Oct. 28			
15	Mobile Bay, Ala.....	Nov. 4			
		Oct. 28	Nor. bk. Saerimner.....	Oct. 10	Rio de Janeiro.....
			Nor. ss. Transit (a).....	Oct. 21	Cuban ports and Tortugas.....
			Br. ss. Arecuna.....	Oct. 26	Tampico.....
			Nor. ss. Heim.....	Oct. 27	St. Thomas, West Indies.....
			Dan. ss. Flandria.....	do.	Santiago.....
		Nov. 4	Br. ss. Arecuna.....	Oct. 26	Tampico.....
			Nor. ss. Heim.....	Oct. 27	St. Thomas, West Indies.....
			Dan. ss. Flandria.....	do.	Santiago.....
16	New Bedford, Mass.....	do.			
17	New Orleans, La.....	do.			
18	Newport News, Va.....	do.			
19	Newport, R. I.....	do.			
20	New York, N. Y.....	do.			
21	Pass Cavallo, Tex.....	Oct. 7 Oct. 14 Oct. 21 Oct. 28			
22	Pensacola, Fla.....	Nov. 4			
23	Port Royal, S. C.....	do.			
24	Providence, R. I.....	do.			
25	Quintana, Tex.....	Oct. 28			
26	St. Helena Entrance, S. C.....	Nov. 4			
27	San Pedro, Cal.....	Oct. 28			
28	Tampa Bay, Fla.....	Nov. 4	Sc. E. D. Spear (a).....	Sept. 17	Key West.....
			Sc. E. Frank Neally (a) ..	Oct. 21	Cardenas.....
			Nor. ss. Jamaica.....	Nov. 3	Havana.....

a Previously reported.

MUNICIPAL QUARANTINE STATIONS.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
1				No report.....	
2				do.....	
3				do.....	
4				do.....	
5				do.....	
6				do.....	
7				do.....	
	Baltimore.....	Detained and supplied with coal and water in quarantine.	Nov. 2		5 2
8				No report.....	
9	Norfolk.....	Allowed to load in quarantine.			22
	do.....	Allowed to coal in quarantine.			
	do.....	do.....			
10	Galveston.....	Fumigated and held.....	Oct. 28	Without pratique.....	17
	do.....	do.....	Oct. 27		
	do.....	do.....	do.....		
	do.....	do.....		To be discharged Oct. 30.....	
	do.....	do.....		do.....	
	do.....	do.....	Oct. 29		
	do.....	do.....		To be discharged Oct. 30.....	
	do.....	do.....	Nov. 2		8
	do.....	do.....	Nov. 4		
11				No report.....	
12	New York.....	Held.....			5 5
13				No transactions.....	
14				No report.....	
15	Mobile.....	Disinfected and held.....	Oct. 22		17
	do.....	Held to complete period.....	do.....		
	do.....	Disinfected and held.....			
	do.....	do.....			
	do.....	do.....		3 cases of yellow fever at Havana.	
	do.....	do.....	Oct. 31		13
	do.....	do.....	Oct. 30		
	do.....	do.....	Nov. 2		
16				No report.....	
17				do.....	
18				do.....	
19				do.....	
20				do.....	
21				do.....	2 2 1 2
				No report.....	
22				do.....	
23				do.....	1
24				do.....	4
25				No report.....	
26				do.....	
27	Tampa.....	Redisinfected and held.....			11
28	Port Tampa.....	Disinfected and held.....	Oct. 27		
	do.....	do.....			

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

MARYLAND—*Baltimore*.—Month of September, 1899. Estimated population, 541,000—white, 463,000; colored, 78,000. Total number of deaths, 747—white, 585; colored, 163, including diphtheria, 21; enteric fever, 24; whooping cough, 2, and 75 from phthisis pulmonalis.

MICHIGAN.—Reports to the State board of health, Lansing, for the week ended October 28, 1899, from 62 observers, indicate that pleuritis, phthisis pulmonalis, and influenza increased and inflammation of kidney decreased in area of prevalence.

Phthisis pulmonalis was reported present at 205, enteric fever at 121, scarlet fever at 73, diphtheria at 29, measles at 22, whooping cough at 17, smallpox at 8, and cerebro-spinal meningitis at 5 places.

MISSOURI—*St. Louis*.—Month of September, 1899. Estimated population, 623,000—white, 587,000; colored, 36,000. Total number of deaths, 743—white, 647; colored, 96, including diphtheria, 18; enteric fever, 16; scarlet fever, 4; whooping cough, 2, and 69 from phthisis pulmonalis.

NEW YORK.—Reports to the State board of health, Albany, from 156 towns having an aggregate estimated population of 7,110,000, show a total of 9,186 deaths, including diphtheria, 183; enteric fever, 205; measles, 34; scarlet fever, 19; whooping cough, 85; cerebro-spinal meningitis, 57, and 947 from phthisis pulmonalis.

The Monthly Bulletin says:

There were 9,186 deaths reported during the month, 800 less than the preceding month, the death rate having fallen from 17.1 to 15.8. The returns are probably within 250 of the full number. There is a saving of 600 in the deaths of early life, of the same number in diarrhaeal mortality and 100 fewer deaths are reported from consumption and old age. On the other hand there were 150 more deaths from acute respiratory diseases than in August, other local diseases continuing the same as in last month.

Compared with September of other years, there were 2,300 fewer deaths than in September, 1898, in which month, however, the mortality was excessive, being greater than that of August; there were but half the number of deaths from diarrheal diseases, a smaller mortality from digestive and nervous diseases, and the infant mortality was much smaller, the summer causes of death having continued operative then, whereas the autumn increase of the respiratory diseases has been no greater. The average September mortality of the ten years prior to 1898 was 9,300, which is still a little larger than that of the present month. There have not been so few deaths reported in September since 1890.

The decrease in mortality from August is chiefly in the maritime and the Lake Ontario and Western districts, that of the central districts being even greater. The same is true of the diarrheal mortality. In the five large cities there were 1,500 fewer deaths than in August, and the deaths from diarrheal diseases were less than half the number in August. In rural towns (rest of district) the total mortality and also the diarrheal mortality were both nearly the same as in August, the lat-

ter constituting 16 per cent of the deaths, against 8 per cent in the cities. One-fourth of these deaths in rural towns from diarrheal diseases occurred above the age of 5 years.

Typhoid fever caused 205 deaths, being increased by 50 from August, and the increase affected all the health districts. There were 2.2 deaths per 100,000 population for the month in the five large cities, and 3.6 in the rural towns from typhoid fever.

Scarlet fever is reported from 28 towns in various parts of the State, but of the 19 deaths only 3 occurred outside New York City. Measles caused no deaths outside the metropolis. Whooping cough has been of general distribution, its reported mortality showing a decrease of one-third from August.

Possible, though unconfirmed, development of smallpox, especially near the borders of the State, emphasize the need of every precaution being continued by health officers.

Diphtheria increased in mortality, and caused more deaths than in September, 1898.

Acute respiratory diseases increased by 150 the mortality reported in August, the 755 deaths being the average for the month of past years.

Of 200 violent deaths, 37 were from railway accidents, 36 from drowning, 2 from electric car, 12 from suicide.

NORTH CAROLINA.—Month of September, 1899. Estimated population, 155,700—white, 91,601; colored, 64,099. Total number of deaths, 217—white, 107; colored, 110, including diphtheria, 1; enteric fever, 12; whooping cough, 1, and 15 from phthisis pulmonalis.

TEXAS—Quintana.—Month of October, 1899. Estimated population, 250. No deaths.

UTAH—Salt Lake City.—Month of September, 1899. Estimated population, 70,000. Total number of deaths, 58, including whooping cough, 1, and 5 from phthisis pulmonalis. •

VIRGINIA—Petersburg.—Four weeks ended October 26, 1899. Estimated population, 25,000—white, 12,000; colored, 13,000. Total number of deaths, 33, including enteric fever, 2, and 5 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—												
				Tuberculosis.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.		
Allentown, Pa.	Oct. 21	25, 228	10							1						
Do.	Oct. 28	25, 228	4													
Do.	Nov. 4	25, 228	7										3			
Amesbury, Mass.	Oct. 28	9, 798	5		2						1					
Ashtabula, Ohio	Nov. 3	8, 338	6													
Baltimore, Md.	Nov. 4	494, 439	148	17						7		6				
Baton Rouge, La.	Oct. 21	10, 478	4	1												
Do.	Oct. 28	10, 478	7	1												1
Do.	Nov. 4	10, 478	1	1												
Bay City, Mich.	do.	27, 839	5									2				
Binghamton, N. Y.	do.	35, 005	11	1												
Boston, Mass.	do.	448, 477	195	22						4		9				1
Bristol, R. I.	do.	5, 478	7													
Bucyrus, Ohio	do.	5, 974	2	1												
Cambridge, Mass.	do.	70, 028	22													
Charleston, S. C.	Oct. 28	a 54, 955	b 25	3							1		1			
Chelsea, Mass.	do.	27, 909	19	1		3										
Chicago, Ill.	do.	1, 099, 850	391	30						8	16	20	2	2		
Do.	Nov. 4	1, 099, 850	381	46						4	7	19	2	2	3	
Chicopee, Mass.	do.	14, 050	5													
Cincinnati, Ohio	Oct. 27	296, 908	13	4						1	2	2				
Cleveland, Ohio	Nov. 4	261, 353	90	2						5		4	4			
Concord, N. H.	Oct. 28	17, 044	8	2								1				
Dayton, Ohio	Nov. 4	61, 220	22	2												
Dunkirk, N. Y.	Oct. 28	9, 416	3							2						
Dunmore, Pa.	Oct. 14	8, 315	3							1						
Evansville, Ind.	Nov. 4	50, 756	20	4						2		1				
Everett, Mass.	Oct. 28	11, 068	3													
Fall River, Mass.	Nov. 4	74, 398	28	3												
Fitchburg, Mass.	Oct. 28	22, 037	5	1												
Grand Rapids, Mich.	Nov. 4	60, 278	28	4						1		4				
Green Bay, Wis.	Nov. 5	9, 069	4	2												
Hoboken, N. J.	Nov. 4	43, 648	16	2												
Holyoke, Mass.	do.	35, 637	13	1								1				
Jacksonville, Fla.	do.	17, 201	13	3						1						
Johnstown, Pa.	do.	21, 805	5								1					
Lawrence, Mass.	Oct. 28	44, 654	14	1						1		1				
Los Angeles, Cal.	do.	50, 395	23	3												
Louisville, Ky.	Nov. 3	161, 129	34	5						2		1				
Lowell, Mass.	do.	77, 696	35	4						1						
Lynchburg, Va.	Nov. 4	19, 709	8	1									1			
McKeesport, Pa.	Oct. 28	20, 741	11	1							1					
Do.	Nov. 4	20, 741	10													
Malden, Mass.	do.	23, 031	7	1												
Massillon, Ohio	do.	10, 092	4													
Medford, Mass.	do.	11, 079	2													
Melrose, Mass.	Oct. 28	8, 519	2													
Michigan City, Ind.	Nov. 4	10, 776	3													
Minneapolis, Minn.	Oct. 28	164, 738	47	5						3		1				
Mobile, Ala.	Nov. 4	31, 076	17	1												
Nashville, Tenn.	do.	76, 168	33	2						1		2				
New Bedford, Mass.	do.	40, 733	21							1	2					
New Brunswick, N. J.	Oct. 28	18, 603	5													
Do.	Nov. 4	18, 603	5													
Newburyport, Mass.	Oct. 28	13, 947	3													
New Orleans, La.	do.	242, 039	117	8	3					3						
Do.	Nov. 4	242, 039	128	8	3					3		1	1			
Newton, Mass.	do.	24, 379	8	1												
New York, N. Y.	do.	c 3, 550, 053	1, 049	135		1				18	8	24	9			
Norristown, Pa.	do.	19, 791	9													
North Adams, Mass.	do.	16, 074	5	1												
Oneonta, N. Y.	Oct. 28	6, 272	27													
Do.	Nov. 4	6, 272	2													
Philadelphia, Pa.	do.	1, 046, 964	381	49						7	2	24				4
Pittsfield, Mass.	do.	17, 281	8	2							1					
Pittston, Pa.	do.	10, 302	2													
Plainfield, N. J.	do.	11, 267	3													
Portsmouth, Va.	do.	13, 268	8		2							1				
Pottstown, Pa.	do.	13, 285	4													
Providence, R. I.	do.	132, 146	50	10									1			1
Rockport, Tex.	Oct. 28	1, 250	0													
Reading, Pa.	Nov. 6	58, 661	23	3												
Salt Lake City, Utah.	Nov. 4	44, 843	12							1	1					

a Estimated population, 65,165—white, 28,870; colored, 36,295. b White, 7; colored, 18. c Estimated.

MORTALITY STATISTICS OF 1,433 CITIES AND TOWNS OF THE UNITED STATES FOR THE YEAR ENDED DECEMBER 31, 1898.

[This table was compiled from answers received to 3,700 circular letters sent to cities of the United States having a population of 1,000 or more].

Cities or towns.	Total deaths from all causes.	Population, U. S. census of 1890.	Estimated population.	Annual mortality per 1,000 of the estimated population.	Deaths from—							
					Pneumonia.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria and membranous group.	Whooping cough.	
Alabama:												
Besemer.....	100	4,544	10,000	10.00								
Greenville.....	24	2,806	3,000	8.00		1	2				1	
Huntsville.....	210	7,995	12,000	17.50	11		4	1	1		2	
Jacksonville.....	14	1,237	1,300	10.77	1							
Mobile.....	859	31,076	37,817	22.71	135		23				6	1
Oxford.....	17	1,473	1,500	11.33	2		1					
Troy.....	46	3,449	4,000	11.50	4		8				1	
Total.....	1,270		69,617	18.53	153	1	38	1	1		10	1
Alaska:												
Juneau.....	29		2,500		2							3
Total.....	29		2,500	11.60	2							3
Arizona:												
Bisbee.....	46	1,535	4,500	10.22	2		6				2	
Tucson.....	219	5,150	10,000	21.90	48	1	5	1	6		5	
Total.....	265		14,500	18.28	50	1	11	1	6		7	
Arkansas:												
Camden.....	52	2,571	3,500	14.86	5			1				
Helena.....	73	5,189	5,500	13.09								
Little Rock.....	643	25,874	40,000	15.33	95	1	25	2	2		5	10
Pine Bluff.....	151	9,962	15,000	10.06	1		5		1		4	2
Rogers.....	8	1,265	2,800	2.86	2		3	2			1	
Searcy.....	38	1,203	3,500	10.86								
Total.....	965		70,300	13.73	103	1	33	5	3		10	12
California:												
Alameda.....	209	11,165	16,000	13.06								
Anaheim.....	20	1,273	1,600	12.50	5		3					1
Auburn.....	43	1,595	2,100	20.43	10		2					
Bakersfield.....	173	2,626	10,000	17.30								
Colton.....	26	1,315	2,000	13.00	6							
Colusa.....	22	1,539	2,000	11.00	2		2		2			
Eureka.....	106	4,585	8,000	13.25	14							2
Geary.....	20	1,694	1,900	10.53	4		1		1		1	
Gilroy.....	20	1,013	1,200	16.67	2		1				1	
Lodi.....	1,601	50,595	103,000	15.54	304		44	1	1		28	2
Los Angeles.....	20	2,009	2,000	10.00	5							
Merced.....	10	1,662	1,000	10.00	4						3	
Monterey.....	21	1,353	3,000	7.00	4		1				1	
National City.....	908	48,682	75,000	12.11	114		10		1		23	
Oakland.....	5	1,336	1,500	3.33								
Pacific Grove.....	10	1,690	2,500	4.00	3							
Placerville.....	128	4,634	8,000	16.00	30	3			1		4	5
Pomona.....	46	1,821	3,500	13.14	1		3					
Redding.....	63	1,904	5,000	12.60	23		1				1	1
Redlands.....	93	4,683	8,000	11.63	19							
Sacramento.....	490	26,386	30,000	16.33	63		25				12	
San Bernardino.....	119	4,012	9,000	13.22	25				3		3	2
San Diego.....	182	16,159	22,000	8.27	23				1			
San Francisco.....	6,988	296,997	360,000	19.41	1,006		137	35	12		148	45
San Jose.....	259	18,060	25,000	10.36	43		2				2	
San Pedro.....	15	1,240	1,500	10.00							1	
San Rafael.....	41	3,290	3,800	10.71	10							

a White, 13; colored, 60.

Mortality statistics of 1,453 cities and towns of the United States, etc.—Continued.

Cities or towns.	Total deaths from all causes.	Population, U. S. census of 1890.	Estimated population.	Annual mortality per 1,000 of the estimated population.	Deaths from—						
					Phthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria and membranous group.	Whooping cough.
California—Cont'd.											
Santa Ana.....	149	3,628	10,000	14.90	33		5		1	3	
Santa Barbara.....	98	5,864	7,200	12.92	16						4
Santa Clara.....	60	2,891	3,000	20.00	7						
Santa Cruz.....	160	5,596	9,000	17.78	11		1			1	
Santa Monica.....	57	1,580	3,000	19.00	7						1
Sausalito.....	7	1,334	1,200	5.83							
Stockton.....	206	14,424	18,000	11.44	40		7			3	
Willows.....	12	1,176	1,500	8.00	2						
Total.....	12,382		761,500	16.26	1,841	3	245	36	20	235	63
Colorado:											
Canyon City.....	49	2,825	6,000	8.17	12		4		1		1
Colorado Springs..	246	11,140	25,000	9.84	65		5		2	2	1
Georgetown.....	25	1,927	2,000	12.50	5					1	
Golden City.....	49	2,383	2,500	19.60							
Greely.....	40	2,395	3,500	11.43	6		1			1	
Pueblo.....	456	24,558	40,000	11.40	51	4	10		6	12	
Rico.....	6	1,134	1,200	5.00							
Total.....	871		80,200	10.86	139	4	20		9	16	2
Connecticut:											
Ansonia.....	200	10,342	13,000	15.38	12		2		3	1	
Bethel.....	57	3,401	3,600	15.83	4					2	
Bridgeport.....	1,077	48,866	65,000	16.57	126		5			30	1
Brooklyn.....	32	2,628	2,628	12.17	2					1	
Burlington.....	19	1,902	1,200	15.83							2
Canton.....	46	2,500	2,500	18.40	10					1	
Chester.....	19	1,301	1,300	14.61							
Colchester.....	32	2,988	2,500	12.80	8		1				
Coventry.....	30	1,675	1,800	16.67	2						
Danbury.....	333	16,552	20,000	16.65	29		1	1		14	3
Darien.....	30	2,276	2,500	12.00	2						
East Haddam.....	50	2,599	2,500	20.00							
East Windsor.....	34	2,890	2,800	12.15	3						
Fairfield.....	62	3,868	4,000	15.15	4						
Griswold.....	66	3,113	4,000	16.50	9		1			1	2
Guilford.....	55	2,780	2,800	19.64	4			2			
Haddam.....	27	2,059	2,500	10.80			1				
Hebron.....	13	1,039	1,000	10.00	3		1				
Lebanon.....	31	1,670	1,600	19.38	5						1
Litchfield.....	40	3,304	3,400	11.77	8		2				2
Mansfield.....	35	1,911	1,900	18.42							
Milford.....	81	3,811	4,000	20.24	4		1				
Naugatuck.....	158	6,218	10,000	15.80	16		1		1	5	5
New Britain.....	368	16,519	26,000	14.15	40		7	5	2	15	1
New Hartford.....	56	3,160	3,160	17.72	8		1			2	
New Milford.....	55	3,917	4,025	13.66	4					1	
Norfolk.....	21	1,546	1,600	13.13	2					2	
North Stonington	29	1,463	1,300	22.13	3					2	
Old Lyme.....	13	1,319	1,350	9.63							
Old Saybrook.....	22	1,484	1,500	14.67			1				
Orange.....	104	4,537	6,000	17.33	7		1	4		1	3
Rocky Hill.....	20	1,069	1,100	18.18	2					1	
Seymour.....	54	3,300	3,500	15.43							
Simsbury.....	30	1,874	2,000	15.00							
Southbury.....	22	1,089	1,150	19.13			1		1		
South Windsor.....	16	1,736	1,700	9.41	1						
Sterling.....	16	1,051	1,100	14.51	1		1				
Stonington.....	111	7,184	7,500	14.80	3		1			1	2
Stratford.....	63	2,606	3,400	18.53	10			1			2
Suffield.....	48	3,169	3,200	15.00	4						
Trumbull.....	17	1,453	1,500	11.33							
Watertown.....	28	2,323	2,800	10.00	6		1				
Westport.....	58	3,715	4,000	14.50	11						
Winchester.....	91	6,183	8,000	11.88	12						
Windsor Locks....	64	2,756	3,000	21.33	2						
Total.....	3,783		235,413	16.05	366		30	14	7	79	25

Mortality statistics of 1,455 cities and towns of the United States, etc.—Continued.

Cities or towns.	Total deaths from all causes.	Population, U.S. census of 1890.	Estimated population.	Annual mortality per 1,000 of the estimated population.	Deaths from—						
					Pneumonia.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria and membranous croup.	Whooping cough.
Delaware:											
Wilmington	1,379	61,431	73,000	18.89	113		29	9	2	76	10
Milton	2	1,074	1,200	1.67							
Total	1,381		74,200	18.61	113		29	9	2	76	10
Dist. of Columbia:											
Washington	5,813	230,392	280,250	20.74	695		182	18	18	203	21
Florida:											
Apalachicola	52	2,727	4,000	13.00	3			1		1	
Ocala	70	2,904	5,000	14.00							
Warrington.....	22	1,301	1,260	17.46							
Total	144		10,260	14.04	3			1		1	
Georgia:											
Cedartown.....	12	1,625	4,000	3.00	4		1				
Columbus.....	a 294	17,303	b 19,303	c 15.54	44		5			1	7
Dawson	29	2,284	3,000	9.67						1	
Fort Gaines.....	28	1,097	2,000	14.00					2	1	
Hawkinsville	26	1,755	2,500	10.40	6		1			1	
Lithonia	25	1,182	2,500	10.00	1					1	
Macon	489	22,746	28,000	15.68	d 60	3	7			2	1
Madison	e 28	2,131	3,000	9.33	2						
Marshallville	26	1,086	1,100	23.61							
Newnan	82	2,859	5,000	16.40	10		3			5	
Talapoosa.....	18	1,699	2,500	7.20	1					1	
Thomasville.....	f 102	5,514	6,000	17.00	11		5			4	
Waycross.....	30	3,364	6,000	5.00	7		2			1	
Total	1,139		84,903	13.42	146	3	24		2	18	8
Illinois:											
Alamont.....	12	1,044	2,000	6.00	4		4			4	
Arcola	44	1,733	2,000	22.00						1	
Arlington Heights	8	1,424	1,600	5.00	2					1	1
Astoria	8	1,357	2,000	4.00							
Atlanta.....	16	1,178	1,200	13.33	3						
Aurora.....	272	19,688	28,000	9.71	33		5		2	23	4
Beardstown.....	188	4,226	6,000	31.33	10		4	9		9	
Belleville.....	248	15,361	20,000	12.40	25		27			13	
Bement.....	26	1,129	1,500	17.33	3		2			5	
Bunker Hill.....	15	1,269	1,300	18.85	1					1	
Cable	3	1,276	1,000	3.00						1	
Cairo	286	10,324	16,820	14.03	5		2	4		5	3
Carlyle	40	1,784	2,700	14.81			6				
Carthage.....	25	1,654	2,500	10.00							
Centralia.....	95	4,763	7,000	13.57	28		6				
Chicago.....	22,493	1,099,850	1,619,226	14.08	2,416		636	55	67	680	208
Cicero	184		25,000	7.36	10		5	1	1	5	1
Colchester	24	1,643	1,700	14.12	3		2				
Columbia.....	39	1,267	1,350	28.88							
Cuba.....	9	1,114	1,200	7.50	2					5	
Decatur.....	245	16,941	27,300	8.97	41		5		2	1	2
Delevan	16	1,176	2,000	8.00	2					1	
Elgin.....	228	17,823	22,000	10.37	3				1	4	
Fairfield	20	1,881	3,000	6.67	5		1			4	2
Galesburg.....	180	15,264	22,000	8.13	20		1			1	1
Germantown	g 21	1,178	2,000	10.50	3		3	1		7	5
Griggsville.....	21	1,400	2,500	8.40	2					1	
Harvard.....	67	1,967	5,000	13.40							
Henry.....	23	1,612	2,000	11.50	2		1				
Kansas.....	17	1,037	2,100	8.14	2		2	1		1	
Keithsburg.....	20	1,484	2,500	8.00					2	4	
Kewanee.....	154	1,216	12,000	12.83	5		2			5	2
Kinmundy.....	14	1,045	1,400	10.00							

a White, 111; colored, 183.
 b White, 10,276; colored, 9,027.

c White, 10,80; colored, 20,27.
 d White, 14; colored, 46.
 g Typhus, 2.

e White, 11; colored, 17.
 f White, 47; colored, 53.

Mortality statistics of 1,433 cities and towns of the United States, etc.—Continued.

Cities or towns.	Total deaths from all causes.	Population, U. S. census of 1890.	Estimated population.	Annual mortality per 1,000 of the estimated population.	Deaths from—						
					Phtthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria and membranous group.	Whooping cough.
Indiana—Cont'd.											
Risingsun.....	18	1,689	1,800	10.00	8		1				
Rochester.....	20	2,467	4,000	5.00					1		
Rockport.....	76	2,314	26,000	2.92	34		22	1	2	13	4
Rushville.....	38	3,475	5,000	7.60	8		1				
Spencer.....	21	1,868	2,500	8.40	1		1				
Tipton.....	22	2,697	4,500	4.89	6		2			5	
Vevay.....	20	1,663	2,000	10.00	2		1				
Warren.....	5	1,120	2,000	2.50	2						
Washington.....	88	6,064	10,000	8.80	8		10			10	1
Williamsport.....	16	1,027	1,800	8.89	3						
Winamac.....	60	1,215	25,000	2.40	4		10	1			
Total.....	6,136		484,980	12.65	821		218	22	38	140	53
Iowa:											
Afton.....	15	1,045	1,200	12.50				2			
Algona.....	16	2,068	3,000	5.33			1				
Atlantic.....	21	4,351	5,000	4.20	3		4				
Audubon.....	9	1,301	2,000	4.50						4	
Belleplaine.....	26	2,623	3,300	7.88	4						
Bellevue.....	16	1,394	1,600	10.00							
Burlington.....	323	22,565	30,000	10.77	48		4	2	3	5	
Cedar Rapids.....	142	18,020	27,000	5.26	25		10				2
Cherokee.....	35	3,441	4,000	8.75							
Clinton.....	240	13,619	28,000	8.57	5		2			1	
Dunlap.....	11	1,088	1,500	7.33							
Fairfield.....	41	3,391	4,500	9.11	3		1				
Farmington.....	15	1,002	1,500	10.60	1					1	
Glenwood.....	14	1,890	2,143	6.53	1						
Grinnell.....	32	3,332	4,000	8.00	2						
Grundy Center.....	11	1,161	1,800	6.11							
Hamburg.....	9	1,634	2,000	4.50							
Humboldt.....	18	1,075	1,000	18.00	2						
Idea Grove.....	24	1,563	2,000	12.00			1				
Lake City.....	14	1,160	2,800	5.00							
Lansing.....	23	1,668	1,750	13.14	3						
Laporte.....	15	1,062	1,500	10.00			1				
Lisbon.....	11	1,079	1,200	9.17	1						1
Marion.....	37	3,094	5,070	7.30	6		4				
Mount Ayr.....	5	1,265	1,700	2.94					1		
Mount Vernon.....	14	1,259	1,500	9.33							
Muscatine.....	220	11,454	14,000	17.71	13		33			5	
Nevada.....	21	1,662	2,500	8.40	1						
Osage.....	30	1,913	3,200	9.99	1		1				
Ottumwa.....	200	14,001	19,000	10.53	17		3	1		8	1
Perry.....	27	2,890	4,500	6.00	2						
Sanborn.....	5	1,075	1,450	3.45				2			
Shenandoah.....	38	2,440	3,500	10.86	3				1	1	
Sibley.....	a 12	1,090	1,400	8.57	1		2				
Traer.....	9	1,014	1,300	6.92	1						
Villisca.....	25	1,744	2,500	10.00	2		1			1	
West Liberty.....	13	1,268	1,800	7.22	3						
What Cheer.....	25	3,246	3,300	7.58	1					1	
Total.....	1,762		199,513	8.83	147		58	7	5	27	4
Kansas:											
Atchison.....	233	13,963	20,000	11.65	24		4		1	15	8
Augusta.....	8	1,343	1,300	6.15	1					1	
Cherryvale.....	15	2,104	3,000	5.00	3		1			1	
Ellis.....	8	1,107	1,050	7.62							
Eureka.....	243	2,257	17,000	14.29							
Fredonia.....	24	1,515	1,700	14.12	3		3				
Herington.....	15	1,353	1,600	9.38			1			1	
Larned.....	7	1,861	2,000	3.50	1			1			
Leavenworth.....	325	19,768	21,000	15.48	44		3		2	8	2
Marysville.....	28	1,913	3,000	9.33	5						
Medicine Lodge.....	58	1,095	5,000	11.60	4						
Minneapolis.....	81	1,756	11,200	7.23	6		1		2	3	

a Typhus, 1.

Mortality statistics of 1,433 cities and towns of the United States, etc.—Continued.

Cities or towns.	Total deaths from all causes.	Population, U. S. census of 1890.	Estimated population.	Annual mortality per 1,000 of the estimated population.	Deaths from—						
					Phthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria and membranous croup.	Whooping cough.
Kansas—Continued.											
Norton.....	35	1,074	10,000	3.50							
Osage.....	40	3,469	3,700	10.81	10		2			2	
Ottawa.....	43	6,248	8,000	5.38	5		3			2	
Pratt.....	52	1,418	6,000	8.67	8					1	
Weir.....	46	2,138	4,000	11.50	4		8	3		6	
Yates Centre.....	79	1,305	9,380	8.42			2	3		1	
	1,340		128,930	10.39	118		28	7	5	41	
Kentucky:											
Bellevue.....	65	3,163	6,500	10.00	1		3				
Bowling Green.....	27	7,803	3,000	9.00	3					1	
Cloverport.....	23	1,527	1,500	15.33	9		1	1	1	2	
Covington.....	762	37,371	50,000	15.24	96		12		2	16	
Cynthiana.....	40	3,016	4,000	10.00	10		3			2	
Eminence.....	12	1,002	2,000	6.00	4					1	
Glasgow.....	25	2,051	2,000	12.50	10		4		10	1	
Hickman.....	38	1,652	2,500	15.20	9		1			1	
Louisville.....	3,058	161,129	225,000	16.73	317		118	1	2	19	
Middleboro.....	40	3,271	4,500	8.89	4		3			2	
Nicholasville.....	36	2,157	3,400	10.59	24		6			3	
Williamsburg.....	10	1,376	2,500	4.00	3		4			3	
Total.....	4,136		306,900	13.48	490	3	155	2	15	70	
Louisiana:											
Amite.....	16	1,510	2,000	8.00							
Baton Rouge.....	230	10,478	13,000	17.69	30		4		1	5	
Gretna.....	45	3,332	3,000	15.00	13		2			1	
Homer.....	10	1,132	1,200	8.33	1		2			1	
McDonoughville.....	25	2,235	1,500	16.67	7					1	
Morgan.....	23	2,291	2,800	8.21	4						
New Orleans.....	6,825	242,039	275,000	26.91	853		184		1	19	
Shreveport.....	319	11,979	22,000	15.10	44		2			9	
Total.....	7,494		320,500	23.38	952		194		2	22	
Maine:											
Addison.....	13	1,022	1,000	13.00							
Albion.....	9	1,042	1,150	7.83							
Alfred.....	23	1,030	1,000	23.00	1					2	
Anson.....	29	1,444	1,400	20.34	3						
Appleton.....	12	1,080	1,080	11.11							
Athens.....	16	1,072	1,000	10.00	1						
Auburn.....	176	11,250	12,000	14.67	5		1		2	6	
Bath.....	165	8,723	10,000	16.50	17		1		1	1	
Biddeford.....	353	14,443	16,000	22.02	18		7		3	14	
Boothbay.....	26	1,718	1,750	14.86	1		1				
Boothbay Harbor.....	24	1,699	2,300	10.43	5						
Bowdoinham.....	28	1,508	1,600	17.50	6						
Bradford.....	30	1,215	1,100	27.27							
Bristol.....	39	2,521	3,000	13.00							
Brooklin.....	27	1,046	1,046	25.81							
Brownville.....	14	1,074	1,074	13.03	4		2			2	
Calais.....	121	7,290	8,000	15.13	1						
Canton.....	16	1,303	1,200	13.33				2			
Carmel.....	17	1,066	1,066	15.95	2						
Chelsea.....	25	2,356	2,500	10.00	2						
China.....	35	1,423	1,400	25.00	1				1		
Corinna.....	23	1,207	1,200	19.17	2						
Corinth.....	20	1,154	1,500	13.33	4						
Cornish.....	17	1,118	1,000	17.00	3						
Cumberland.....	15	1,487	1,500	10.00							
Dexter.....	49	2,732	3,000	16.33	2		1				
Dresden.....	8	1,043	1,040	7.69	1						
Durham.....	16	1,111	1,100	14.55	1						

α White, 11.85; colored, 21.62. b White, 21.93; colored, 31.89. c White, 102; colored, 217. d White, 12,000; colored, 10,000. e White, 8.50; colored, 21.70. f White, 10; colored, 34. g White, 1; colored, 1. h White, 1; colored, 8.

Mortality statistics of 1,453 cities and towns of the United States, etc.—Continued.

Cities or towns.	Total deaths from all causes.	Population, U. S. census of 1890.	Estimated population.	Annual mortality per 1,000 of the estimated population.	Deaths from—						
					Phthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria and membranous croup.	Whooping cough.
Maine—Continued.											
East Livermore.....	38	1,506	2,000	19.00	6		2				
Eastport.....	80	4,906	5,000	16.00			4			4	
Ellsworth.....	63	4,804	5,000	12.60	9		3				
Farmington.....	83	3,207	3,207	25.88	1						
Fort Kent.....	35	1,826	2,200	15.91	1					4	
Frenchville.....	110	2,560	4,000	27.50	2					3	
Fryeburg.....	18	1,418	1,400	12.86	1						
Gorham.....	61	2,888	4,000	15.25			2				
Gouldsboro.....	17	1,709	1,350	12.59							
Hancock.....	11	1,190	1,163	9.46							
Harrington.....	17	1,150	1,200	14.17			1				
Harrison.....	15	1,070	1,071	14.01							
Hiram.....	18	1,063	1,063	16.93							
Islesboro.....	10	1,006	1,006	9.05				1			
Kittery.....	48	2,864	3,500	13.71	1						
Lebanon.....	18	1,263	1,200	15.00	2		2				
Limington.....	11	1,902	1,000	11.00	1						
Litchfield.....	19	1,126	1,126	16.88							
Machiasport.....	13	1,437	1,427	9.11			2				
Madawaska.....	a 28	1,451	1,500	18.67			2			8	
Madison.....	33	1,815	2,000	16.55			4			1	
Milbridge.....	24	1,963	2,000	12.00	4						
Milo.....	21	1,029	1,200	17.50							
Monmouth.....	25	1,362	1,300	19.23						2	
Monroe.....	18	1,079	1,080	16.67	2						
Monticello.....	13	1,132	1,188	11.42	2						
New Gloucester.....	12	1,234	1,200	10.00	1		2				
Newport.....	38	1,188	1,500	25.33	9		1				
New Sharon.....	23	1,064	1,150	20.00							
Norridgewock.....	24	1,656	1,656	14.49	1		1				
North Berwick.....	33	1,803	1,800	18.33			1		1	3	
Norway.....	54	2,665	2,185	20.14	5		2				
Oldtown.....	b 100	5,312	6,000	16.67	2		5	7	2	1	1
Palmyra.....	9	1,004	1,050	8.57							
Pembroke.....	33	1,514	1,514	21.79	7		1				
Phippsburg.....	21	1,396	1,400	15.00							
Portland.....	884	36,425	41,500	20.09	84		35	2	4	29	12
Readfield.....	15	1,176	1,260	11.11							
Saco.....	104	6,075	6,500	16.00	6		3		1	1	
St. Albans.....	12	1,206	1,206	9.95	3						
St. George.....	47	2,491	2,400	19.58	3						
Sanford.....	72	4,201	6,000	12.00	6		1			1	
Sedgewick.....	10	1,012	1,000	10.00						2	
Sidney.....	16	1,334	1,200	13.33	4						
Skowhegan.....	90	5,068	5,000	18.00	9						
South Berwick.....	50	3,434	4,400	11.36	4		2			1	
Sullivan.....	20	1,379	1,300	15.38	4						
Thomaston.....	50	3,009	3,009	16.62	5					7	
Topsham.....	15	1,394	1,600	9.31						3	
Vassalboro.....	34	2,052	2,000	17.00			5				
Vinal Haven.....	26	2,617	2,600	10.00	7						
Waldoboro.....	62	3,505	3,000	20.66	2						
Washburn.....	12	1,097	1,100	10.91	1						
Washington.....	24	1,230	1,211	11.36	6						
Waterville.....	170	7,107	10,000	17.00	23		3		2		
Westbrook.....	129	6,632	7,000	18.42							
Windham.....	42	2,216	2,210	19.00	2		1	1			
Winslow.....	41	1,814	2,000	20.25	1					1	
Yarmouth.....	42	2,098	2,200	19.09	2						
Total.....	4,451		262,308	16.97	326		99	15	17	95	15
Maryland:											
Baltimore.....	10,385		541,000		1,112		189	48	46	412	64
Cambridge.....	75	4,192	6,000	12.50	4		7	1	2	1	1
Catonsville.....	23	2,115	3,000	13.04	2		2			1	
Centerville.....	31	1,809	2,000	15.50					1	2	
Easton.....	25	2,939	4,000	6.25	12		8		1	1	3
Elkton.....	49	2,318	2,600	18.84	7		1	3			1

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Mortality statistics of 1,433 cities and towns of the United States, etc.—Continued.

Cities or towns.	Total deaths from all causes.	Population, U.S. census of 1890.	Estimated population.	Annual mortality per 1,000 of the estimated population.	Deaths from—							
					Phtthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria and membranous croup.	Whooping cough.	
Maryland—Cont'd.												
Frederick.....	153	8,193	9,000	17.00								
Frostburg.....	55	3,804	7,000	7.86	3					2		
Havre de Grace.....	42	3,244	3,500	12.00	4		3			1		
Sparrow Point.....	17	2,507	2,650	6.41	2					1		
Total.....	10,755		580,750	18.52	1,146		210	52	50	421		69
Massachusetts:												
Aoushnet.....	28	1,027	1,050	27.67	1							
Agawam.....	40	2,352	2,450	15.51	4		1					
Amesbury.....	133	9,798	10,000	13.30						2		
Amherst.....	75	4,512	4,785	15.68	10							
Arlington.....	105	5,629	7,700	13.64	4		1			2		
Ashburnham.....	26	2,074	2,000	13.00								
Ashfield.....	17	1,025	1,000	17.00	1							
Auburn.....	32	1,532	1,300	24.62			1			1		
Avon.....	26	1,384	1,625	16.00			1					
Barre.....	44	2,289	2,278	19.32	2		1					
Bedford.....	15	1,092	1,200	12.50								
Belchertown.....	37	2,120	2,200	16.82	3					1		
Bellingham.....	20	1,334	1,600	12.50	1							
Belmont.....	47	2,098	3,500	13.43	5							
Beverly.....	204	10,321	18,000	15.69	25		4		1	2	1	
Billerica.....	40	2,380	2,700	14.81	6							
Boston.....	10,886	448,477	541,827	20.09	1,241		185	27	33	185	68	
Bourne.....	31	1,442	1,585	19.57								
Braintree.....	79	4,848	5,000	15.40			3			1		
Bridgewater.....	66	4,249	4,650	14.19	4						1	
Brockton.....	458	27,294	37,278	12.28	66		4		1	2	1	
Brookfield.....	57	3,382	3,552	17.00	4					1		
Brookline.....	251	12,103	18,500	13.03	17		2	2	2	3	11	
Buckland.....	36	1,570	1,800	20.00						1		
Cambridge.....	1,542	70,028	89,724	17.18	187		14	1	6	29	22	
Chatham.....	44	1,954	1,800	24.44	4							
Chelsea.....	634	27,909	33,468	18.94	29		7		1	3	6	
Chicopee.....	368	14,060	19,000	18.95	34		4			5	2	
Clinton.....	180	10,424	12,000	15.00	18		9			4		
Colerain.....	21	1,671	1,700	12.35	1				5			
Concord.....	62	4,427	5,700	10.53	6		2					
Cottage City.....	16	1,080	1,080	14.81			1				1	
Dalton.....	65	2,885	3,364	19.35			5					
Danvers.....	105	7,454	8,000	12.06	15		1			1		
Dedham.....	117	7,123	7,200	16.24	18		1	1		2	1	
Dighton.....	37	1,889	1,800	20.56	4							
Douglasa.....	52	1,908	2,026	25.72	4				2			
Duxbury.....	34	1,908	1,966	17.29								
Easthampton.....	71	4,395	4,800	14.79	9							
Edgartown.....	21	1,156	1,150	18.17	1		1					
Essex.....	21	1,713	1,600	13.13								
Everett.....	325	11,068	22,500	14.44	44		5		1	8	1	
Fall River.....	1,813	74,398	101,103	17.93	149		21	15	5	9	7	
Falmouth.....	56	2,567	2,655	21.09	2							
Fitchburg.....	404	22,037	29,483	13.70	40		6		1	1	8	
Foxboro.....	57	2,933	3,500	16.29	1							
Franklin.....	79	4,831	5,000	13.62	6		1				1	
Freetown.....	27	1,417	1,400	19.29			1					
Georgetown.....	30	2,117	2,100	14.29	4							
Gloucester.....	372	24,651	30,500	12.20	40		2	2	2	5	7	
Granville.....	21	1,061	1,000	21.00			2	1				
Great Barrington.....	58	4,612	5,000	11.60	3							
Greenfield.....	109	5,252	7,630	13.11	14		2	1				
Groton.....	31	2,057	2,200	14.09	1							
Groveland.....	39	2,191	2,333	16.72	3		1					
Hadley.....	29	1,669	1,704	17.02	1							
Hanson.....	30	1,095	1,400	25.86	5		3					
Harvard.....	30		1,160									
Hardwick.....	54		3,000		8							
Hatfield.....	19	1,264	1,262	15.06	1							
Haverhill.....	519	27,412	37,348	13.89	70		8	7		13	24	
Hingham.....	94	4,564	4,600	20.43	5					3		

Mortality statistics of 1,453 cities and towns of the United States, etc.—Continued.

Cities or towns.	Total deaths from all causes.	Population, U. S. census of 1890.	Estimated population.	Annual mortality per 1,000 of the estimated population.	Deaths from—							
					Pthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria and membranous croup.	Whooping cough.	
Massachusetts—Ctd.												
Holliston.....	58	2,619	2,700	21.48	9		2					
Holyoke.....	778	35,637	44,214	17.60	90		1	1	1	10	4	
Hopkinton.....	51	4,088	2,983	17.09			8					
Hubbardston.....	26	1,346	1,274	20.41	2							
Hudson.....	75	4,670	5,562	13.48	14		2		1	1		
Huntington.....	79	1,385	1,450	18.61	5							
Ipswich.....	27	4,439	4,500	17.56						4	1	
Lawrence.....	1,057	44,654	58,500	18.07	23		11	1	9	50	1	
Lee.....	67	7,385	4,000	14.25	5		1		2	1	2	
Lenox.....	39	2,889	2,850	13.68	3		1				1	
Leominster.....	154	7,269	10,000	15.40	16		3		1	4	3	
Lexington.....	63	3,197	3,498	18.01	4							
Littleton.....	14	1,025	1,200	11.67								
Lowell.....	1,806	77,696	87,000	20.78	209		24		6	36	10	
Lunenburg.....	22	1,146	1,264	17.66	3							
Malden.....	478	23,031	32,500	14.71	55		5		1	5	11	
Manchester.....	37	1,789	1,876	14.39	1		1					
Marlboro.....	223	13,805	15,000	14.87	30						2	
Mattapoisett.....	27	1,148	1,100	24.55								
Maynard.....	43	2,700	3,230	13.03	3							
Medfield.....	22	1,493	2,000	11.00	1							
Medford.....	197	11,079	17,000	11.59	14		3			3	1	
Medway.....	62	2,985	3,000	20.67	2		2	1				
Methuen.....	105	4,814	7,000	15.00	6		4			9		
Middleboro.....	85	6,065	6,700	12.54	7							
Millbury.....	82	4,428	5,222	15.70	10				1			
Milford.....	157		9,780		29		3	1		2		
Milton.....	75	4,278	6,000	12.50								
Monson.....	62	3,650	3,746	16.55	6						5	
Nantucket.....	52	3,268	3,000	16.67	4							
Needham.....	66	3,035	3,500	18.86			1	1	2	1		
New Bedford.....	1,111	40,733	58,000	19.16	96		17		4	18	7	
Newburyport.....	254	13,947	14,915	17.03	20		2			3	2	
New Marlboro.....	27	1,305	1,350	20.00	4		1					
Newton.....	450	24,379	27,590	16.36	27		7		4	6	6	
North Adams.....	319	16,074	22,000	14.50	18		10		2	8		
Northampton.....	279	14,990	17,500	15.94	25		3			1		
North Andover.....	58	3,742	3,742	15.50	6		2	1			1	
North Attleboro.....	91	6,727	7,000	13.00	7		1	1		1		
North Brookfield.....	86	3,871	4,600	18.69	13				4	6	1	
Norton.....	20	1,785	1,700	11.76	3							
Orange.....	76	4,568	5,500	13.81	5					3		
Orleans.....	33		11,200									
Oxford.....	40	2,616	2,400	16.67	6				1			
Palmer.....	142	6,520	8,000	17.79	5		1			4	4	
Peabody.....	a 230	10,518	11,000	20.91	22		3			18	1	
Pembroke.....	24	1,320	1,223	19.62	5							
Pepperell.....	79	3,127	4,000	19.75	5					1	1	
Pittsfield.....	353	17,221	20,461	17.25	35		8		1	2	1	
Plymouth.....	167	7,314	8,000	20.88	8		4					
Provincetown.....	118	4,642	4,700	25.11	8		1		2			
Quincy.....	334	16,723	23,549	14.18	28		5			3		
Randolph.....	80	3,946	3,500	22.86	5		2			2		
Reading.....	74	4,088	5,717	12.94	5							
Rehoboth.....	23	1,796	1,800	12.78	1							
Revere.....	135	5,668	9,000	15.00	2					2	1	
Royalston.....	25	1,030	1,000	25.00			2	3		3		
Salem.....	551	30,801	35,500	15.52	42		11			3	9	
Salisbury.....	25	1,316	1,350	18.52	3						3	
Seekonk.....	19	1,317	1,465	12.97	1				1			
Sharon.....	28	1,634	1,800	15.56	2		2			2		
Shelburne.....	15	1,553	1,560	9.62	1							
Shelborn.....	24	1,381	1,446	16.60								
Shrewsbury.....	23	1,449	1,524	15.09	3							
Somerset.....	48	2,106	2,000	24.00	5							
Somerville.....	880	40,152	60,000	14.67	70		11			10	3	
Southampton.....	26	1,017	1,054	24.60	3					1	1	
Southboro.....	28	2,114	2,200	12.73	2							

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Mortality statistics of 1,453 cities and towns of the United States, etc.—Continued.

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					Phthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria and membranous croup.	Whooping cough.	
Massachusetts—Ctd.												
Springfield.....	991	44,179	56,501	17.54	108		15	1	1	29	9	
Sterling.....	18	1,244	1,300	13.85	1							
Stockbridge.....	32	2,132	2,079	15.39	1							
Stoughton.....	107	4,852	5,272	19.40	15		1					
Sutton.....	62	3,180	3,420	18.13	1		2			1		
Swansea.....	25	1,456	1,650	15.15								
Taunton.....	558	25,448	28,167	19.81	66		8		1	1		
Tewksbury.....	39	2,515	2,500	10.40	2			1				
Tisbury.....	19	1,506	1,000	19.00								
Topshfield.....	14	1,022	1,030	13.59								
Townsend.....	27	1,750	1,800	15.00								
Upton.....	35	1,878	2,150	16.28	5							
Uxbridge.....	59	3,408	3,550	16.62	7							
Walpole.....	36	2,604	3,200	11.25	8							
Waltham.....	287	18,707	22,296	12.87	39		7		1	3		
Ware.....	135	7,329	7,651	17.64	9		1			2		
Warren.....	50	4,681	4,000	12.50	5				2		2	
Watertown.....	122	7,073	8,500	14.35	12		2		5	2	2	
Webster.....	161	7,081	7,500	21.47	12		1	1				
Wellesley.....	39	3,600	4,225	9.23	4		1		1	1		
Westford.....	47	2,250	2,418	19.44	2		2					
Westminster.....	24	1,688	1,315	18.25	3							
West Newbury.....	45	1,796	1,643	27.39	5							
Weston.....	25	1,664	1,710	14.62	1		1			1		
Westport.....	54	2,599	2,600	20.77	1					1		
West Springfield.....	108	5,077	7,000	15.43				1	1	2		
Whitman.....	80	4,441	6,021	13.29	18		1					
Winchester.....	65	4,390	7,000	9.27	6		1	1		1		
Woburn.....	225	13,499	14,500	15.51	21		2			3		
Worcester.....	1,827	84,655	108,463	16.84	221		13		5	35		
Wrentham.....	42	2,566	2,900	14.48	3		1			1	1	
Yarmouth.....	40	1,760	1,655	24.63	4		1					
Total.....	37,610		2,092,917	17.97	3,738		525	73	120	589	258	
Michigan:												
Adrian.....	138	8,756	10,000	13.80	7		3					
Albion.....	54	3,763	5,000	10.80	1		1				1	
Allegan.....	30	2,669	3,000	10.00	6							
Ann Arbor.....	187	9,431	16,000	11.69	28		2					
Bay City.....	280	27,839	34,000	8.24			4	2		1	4	
Belding.....	26	1,730	3,006	8.65	2		1		1			
Benton Harbor.....	66	3,692	9,000	7.34	1		1			1		
Big Rapids.....	72	5,303	5,200	13.84	6		4				2	
Blissfield.....	23	1,132	2,300	10.00	6		1					
Buchanan.....	6	1,994	2,200	17.27	2				1			
Cadillac.....	50	4,461	6,000	8.33	4				2			
Cassopolis.....	18	1,369	1,324	13.59	4							
Charlevoix.....	25	1,496	1,500	16.67								
Charlotte.....	51	3,867	4,300	11.86	8		2			1		
Cheboygan.....	63	6,235	7,000	9.00	6		4		4			
Chelsea.....	16	1,365	1,500	10.66	2							
Chesaning.....	26	1,056	2,000	13.00	3					1		
Decatur.....	14	1,109	1,200	7.00	1							
Detroit.....	4,241	205,876	300,000	14.14	432	1	57	1	14	87	34	
Dundee.....	15	1,166	1,400	10.71								
East Tawas.....	20	2,200	2,700	7.41								
Esacnada.....	156	6,808	8,000	19.58	20		4	3			9	
Evart.....	11	1,269	1,600	6.88	1							
Fentonville.....	30	2,182	3,000	10.00	8							
Flint.....	135	9,808	12,000	11.25	13							
Frankfort.....	15	1,175	1,500	10.00	2							
Fremont.....	9	1,097	1,800	5.00	1		1					
Gladstone.....	20	1,337	2,150	9.30	2		2		1		1	
Grand Haven.....	55	5,023	5,500	10.00	5		1			12		
Grand Rapids.....	988	60,278	90,000	10.98	111		18	1	2	14		
Harbor Springs.....	a 16	1,052	1,500	10.67	2		14			1		
Hastings.....	32	2,972	3,000	10.67								
Holland.....	64	3,945	9,000	7.11	6		2					

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Mortality statistics of 1,433 cities and towns of the United States, etc.—Continued.

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					Pneumonia.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria and membranous croup.	Whooping cough.	
Michigan—Cont'd.												
Howard.....	17	1,137	1,500	11.33	3							
Ithaca.....	12	1,627	2,000	6.00				1				
Jackson.....	332	20,798	30,000	11.07	30		2			4		3
Jonesville.....	15	1,288	1,500	10.00								
Kalkaskia.....	12	1,161	1,400	8.57	1							1
Lakeview.....	25	1,024	3,000	8.33	1							1
Lapeer.....	15	2,753	3,500	4.28	3					1		1
Luther.....	6	1,084	1,000	6.00	2					1		
Mancelona.....	11	1,205	1,400	7.86								
Manistique.....	59	2,940	4,500	13.11								
Marine.....	46	3,268	4,000	11.50	5		3			1		
Marquette.....	150	9,093	10,000	15.00								
Monroe.....	73	5,258	5,280	13.83	2							2
Mount Clemens.....	97	4,748	6,000	16.17	11		3			2		2
Mount Pleasant.....	20	2,701	3,500	5.71	2					1		
Niles.....	66	4,197	4,500	14.67	10		1	1		2		
Ovid.....	12	1,423	1,400	8.57								
Owosso.....	106	6,564	10,000	10.60			1					6
Pawpaw.....	12	1,391	1,200	12.00	13							
Pentwater.....	12	1,510	1,800	6.67								
Petoskey.....	50	2,872	5,000	10.00	1		2	1	2			
Plainwell.....	9	1,414	1,400	6.43	2		2					
Plymouth.....	18	1,172	2,000	9.00	6		1					
Pontiac.....	150	6,200	9,000	16.67	4		2					
Port Huron.....	227	13,543	20,000	11.35	3		5		3	1		
Richmond.....	24	1,074	1,050	22.86	6		1			2		
Romeo.....	17	1,687	1,621	10.49	1							
St. Joseph.....	66	3,733	5,000	13.20	4		2					4
St. Louis.....	30	2,246	2,400	12.50	3							
Stanton.....	11	1,352	1,500	7.33								
Sturgis.....	40	2,489	2,800	11.28	4							
Tecumseh.....	34	2,310	2,500	15.20	2							1
Three Rivers.....	29	3,131	4,000	5.27	4							
Traverse.....	117	4,353	9,000	12.41	11		5	2	1	2		1
Whitehall.....	13	1,903	1,700	7.65	3							
Williamston.....	12	1,139	1,200	10.00			5	5	1	1		
Ypsilanti.....	87	6,129	7,000	12.43	7		1		1			
Total.....	8,988		732,331	12.17	805	1	135	17	34	142		66
Minnesota:												
Alexandria.....	32	2,118	2,800	11.43	6		3		1	1		
Anoka.....	48	4,252	4,000	12.00	4		1	2				
Austin.....	40	3,901	7,000	5.71	17		5	13	1	1		3
Barnesville.....	15	1,069	1,200	12.50	2							5
Blue Earth.....	12	1,569	3,000	4.00	1							
Cannon Falls.....	11	1,078	1,500	7.33						3		
Chatfield.....	26	1,335	1,500	17.33								
Cloquet.....	29	2,530	3,800	7.63	2		2					
Crystal.....	7	1,074	1,000	7.00						1		
Detroit.....	13	1,510	1,800	7.22	4					1		
Duluth.....	625	33,115	60,000	10.42	69		31	14	1	1		
Fairmount.....	15	1,205	2,800	5.36								
Faribault.....	108	6,520	10,000	10.80	3		3			9		
Fergus Falls.....	33	3,772	5,000	6.60	2		1		2			
Hastings.....	37	3,705	4,000	9.25	4							
Jordan.....	10	1,233	1,500	6.67						1		
Lasuer.....	13	1,763	2,350	5.53	3							
Little Falls.....	62	2,354	7,000	8.86	10		3					
Luverne.....	17	1,466	2,000	8.50	4							
Mankato.....	115	8,838	12,000	9.58			3		2			
Minneapolis.....	2,159	164,738	223,720	9.65	257		86	68	2	30		15
Montevideo.....	14	1,437	2,200	6.86	1		1	1				
Montgomery.....	14	1,086	1,000	14.00	2							
Moorhead.....	58	2,688	4,000	14.50	5		3	2				
Morris.....	16	1,266	1,800	8.89	4					2		
New Ulm.....	54	3,741	8,500	6.85	3		5			1		
Northfield.....	33	2,659	4,000	8.25	5							
North St. Paul.....	10	1,099	1,000	10.00	2							
Owatonna.....	47	3,849	6,500	7.23	2		1		1	1		

Mortality statistics of 1,433 cities and towns of the United States, etc.—Continued.

Cities or towns.	Total deaths from all causes.	Population, U. S. census of 1890.	Estimated population.	Annual mortality per 1,000 of the estimated population.	Deaths from—						
					Phtthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria and membranous croup.	Whooping cough.
Minnesota—Cont'd.											
St. Paul.....	1,737	133,156	200,000	8.68	234	43	29	14	65	7	
Red Wing.....	80	6,249	8,000	10.00	2	4					
Red Wood Falls.....	14	1,238	2,000	7.00	1	1					
Sauk Center.....	22	1,695	2,300	9.57	1	1			1		
Sauk Rapids.....	16	1,185	1,500	10.67							
Shokopee.....	28	1,757	2,200	12.73	5						
South St. Paul.....	36	2,242	2,200	16.36	2		1		5		
Spring Valley.....	28	1,381	2,000	14.00	1	4					
Tracy.....	16	1,400	2,500	6.40	1				4		
Wabasha.....	50	2,487	2,800	14.29	9	1			2		
Waseca.....	25	2,482	3,500	7.14	2						
White Bear Lake.....	15	1,356	1,500	10.00	1		5		1		
Willmar.....	23	1,825	3,000	7.67	3	1			4		
Winona.....	211	18,208	25,000	8.44	31	1			3	1	
Worthington.....	11	1,164	2,500	4.45							
Total.....	5,885		647,970	9.08	705	204	135	21	137	31	
Mississippi:											
Bay St. Louis.....	60	1,974	3,000	20.00							
Greenwood.....	40	1,055	2,600	15.38	1						
Grenada.....	51	2,416	3,000	17.00	4	2					
Hattiesburg.....	35	1,172	4,000	8.75	1	4			4		
Iuka.....	13	1,019	1,000	13.00		4			1		
Lexington.....	7	1,075	1,300	5.38	3						
Scranton.....	18	1,353	2,200	8.18	3	3			2		
West Point.....	39	2,762	4,000	9.75	3						
Total.....	263		21,100	12.46	12	13			7		
Missouri:											
Canton.....	30	2,241	3,000	10.00	10	1					
Centralia.....	34	1,275	2,000	17.00	5	3					
Charleston.....	27	1,381	3,000	9.00	3	3			1	3	
Eldorado Springs.....	85	1,543	3,500	24.29	10	10			1		
Excelsior Springs.....	18	2,034	3,000	6.00	3						
Fulton.....	175	4,314	5,000	35.00	10	3		6			
Glasgow.....	a 22	1,781	2,000	11.00	9				2		
Hannibal.....	136	12,857	14,000	9.71	3	5			4	1	
Higginsville.....	50	2,342	3,000	16.67	3	1			3		
Kansas City.....	2,181	132,716	200,000	10.90	74	41	9	6	35		
Lamar.....	23	2,860	3,000	9.34	8	5			2		
Lee Summit.....	15	1,869	1,800	8.33	3	1			1	1	
Mexico.....	80	4,789	6,000	13.33		1			1		
Monroe.....	25	1,830	2,300	10.87	2	1			2		
Mound City.....	17	1,193	1,900	8.95							
Neosho.....	31	2,198	3,000	10.33	2	2					
Poplar Bluff.....	25	2,187	4,000	12.75	5	1			4		
Richmond.....	25	2,895	3,500	7.14	6			1			
St. Louis.....	8,908	451,770	623,000	14.28	1,001	95	21	28	203	29	
Salem.....	10	1,315	1,500	6.67	1	2					
Salisbury.....	25	1,672	2,500	10.00	4	6			1		
Stanberry.....	69	2,035	6,000	11.50							
Total.....	11,651		896,000	13.00	1,162	181	30	41	256	34	
Montana:											
Anaconda.....	175	3,975	13,000	13.64	5	3	3		2	2	
Dillon.....	5	1,012	2,000	2.50	1						
Marysville.....	12	1,489	1,500	8.00	1	1			1		
Phillipsburg.....	14	1,058	1,500	9.33	1	3			1		
Total.....	206		18,000	11.44	8	7	3		4	2	
Nebraska:											
Blair.....	25	2,069	3,000	8.33	4						
David.....	7	2,028	2,500	2.80	3	1			1		
Humboldt.....	5	1,114	1,600	3.13	3						
Lexington.....	14	1,392	2,000	7.00			2				

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Mortality statistics of 1,433 cities and towns of the United States, etc.—Continued.

Cities or towns.	Total deaths from all causes.	Population, U. S. census of 1890.	Estimated population.	Annual mortality per 1,000 of the estimated population.	Deaths from—						
					Phtthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria and membranous croup.	Whooping cough.
Nebraska—Cont'd.											
Lincoln.....	258	55,154	50,000	19.37	4		9			6	1
Neligh.....	7	1,209	1,500	4.67	1						2
Omaha.....	943	140,452	160,000	7.14	102		32		1	16	
O'Neill.....	10	1,266	1,500	6.67	1				2		
Schuyler.....	25	2,160	2,500	10.00			3			10	
South Omaha.....	206	8,062	16,000	12.88							
Tekamah.....	12	1,244	1,600	7.50							
Total.....	1,512		242,200	6.24	118		45	2	3	33	3
Nevada:											
Eureka.....	20	1,609	1,000	20.00							
New Hampshire:											
Alton.....	22	1,372	1,400	15.43	1						1
Amherst.....	25	1,053	1,000	25.00	1						
Andover.....	20	1,090	1,000	20.00	1						
Barnstead.....	17	1,264	1,260	13.49							
Barrington.....	19	1,408	1,200	15.83	4					1	
Bartlett.....	17		1,500								
Bedford.....	15	1,102	1,100	13.69	4		1				
Belmont.....	25	1,142	1,100	22.79							
Berlin.....	161	3,729	8,000	20.13			8		7		
Bethlehem.....	21	1,267	1,300	16.15	5						
Bristol.....	33	1,524	1,700	19.41			1			3	
Canaan.....	17	1,417	1,500	11.33	1		1				
Claremont.....	104	5,565	6,000	17.33	10		1			1	
Colebrook.....	19	1,736	2,000	9.50			1				
Concord.....	285	17,004	18,000	15.83	17		4				1
Derry.....	35	2,604	3,000	11.67	4		1			2	
Dover.....	278	12,709	13,000	21.38	5		3		2	2	
Farmington.....	42	3,064	3,000	14.00	3		1		2		
Fitzwilliam.....	16	1,122	1,200	13.33				1			
Franklin.....	63	4,085	5,000	12.60			1			2	
Greenville.....	28	1,255	1,500	18.67	1		1				1
Hanover.....	33	1,817	1,817	18.16	3		1				
Henniker.....	36	1,385	1,400	25.71							
Hillsboro.....	43	2,120	2,500	17.12	2						
Hinsdale.....	42	2,258	2,250	18.67							
Hollis.....	12	1,000	1,200	12.00							
Hopkinton.....	25	1,817	1,800	13.89	4						
Keene.....	183	7,446	8,000	22.88	17		1			3	
Kingston.....	14	1,120	1,200	11.67	3						
Lebanon.....	54	3,763	4,500	12.00	4					1	
Lisbon.....	31	2,060	2,300	13.48			1				
Londonderry.....	18	1,220	1,200	15.00							
Manchester.....	1,001	44,126	60,000	16.68	73		14	3	9	21	2
Marlboro.....	18	1,695	1,695	10.62	2						
Milan.....	10	1,029	1,100	11.00							
Newmarket.....	60	2,742	3,000	20.00	4					1	
Newport.....	50	2,623	3,000	16.67	5		2			2	
Newton.....	14	1,064	1,100	12.73							
Northumberland.....	25	1,356	2,000	12.50							
Ossipee.....	40	1,630	1,800	22.22	4			2			
Peterboro.....	46	2,507	2,500	18.40							
Pittsfield.....	21	2,605	2,300	9.13	2						
Plaistow.....	11	1,085	1,000	10.00							
Raymond.....	16	1,131	1,130	14.16	2						
Salem.....	29	1,805	1,800	16.11							
Sanbornton.....	21	1,027	1,000	21.00							
Somersworth.....	157	6,207	6,500	24.15			1		1	1	
Swansey.....	27	1,600	1,600	16.88	2						
Warner.....	39	1,383	1,385	28.16	2		1			3	
Wilton.....	33	1,850	1,560	21.15	3						
Winchester.....	a 39	2,584	2,500	15.60	3						
Wolfboro.....	45	3,020	3,030	14.85	1					1	
Total.....	3,455		202,927	17.03	114		18	5	10	29	2

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Mortality statistics of 1,433 cities and towns of the United States, etc.—Continued.

Cities or towns.	Total deaths from all causes.	Population, U. S. census of 1890.	Estimated population.	Annual mortality per 1,000 of the estimated population.	Deaths from—						
					Phthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria and membranous croup.	Whooping cough.
New Jersey:											
Boundbrook.....	34	1,462	2,500	13.60	1					4	
Bridgeton.....	190	11,424	14,000	13.57	23		9	2		4	
Carlstadt.....	41	1,549	3,000	13.67	1					1	
Clayton.....	39	1,807	2,000	19.50			3				
Dunellen.....	17	1,060	1,400	12.14	5					3	
Egg Harbor.....	27	1,439	1,537	17.67	2			1			
Florence.....	25	1,340	1,500	16.67						1	
Frenchtown.....	14	1,253	1,050	13.33	1		1				
Hackensack.....	81	6,004	7,500	10.80					1	9	
Hackettstown.....	37	2,417	2,500	14.80	1					1	
Haddonfield.....	40	2,502	2,600	15.38	4					5	
Hoboken.....	1,247	43,648	61,868	20.16	114		8	9	16	54	3
Jersey City.....	3,919	163,003	195,847	20.01	430		71	9	58	124	47
Lambertville.....	76	4,142	4,620	16.45	2		1	2		1	
Morristown.....	197	8,156	10,000	19.70							
Newark.....	4,303	181,830	235,000	18.30	611		41	12	15	133	32
New Brunswick.....	367	18,603	20,863	17.59	13		7		1	8	
Ocean Grove.....	41	2,754	2,000	20.50	3						
Palmyra.....	44	1,403	2,500	17.60	9						
Passaic.....	560	3,028	22,000	25.45	4		9	1	2	2	
Plainfield.....	218	11,267	15,000	14.53	23		1			5	2
Riverside.....	16	1,340	2,300	6.96							
Riverton.....	16	1,075	1,300	12.31	6						
South Amboy.....	82	4,330	7,000	11.71			4			4	
South Orange.....	42	3,106	5,000	8.04	7		2				
South River.....	a 24	1,796	3,575	6.71					1	2	
Woodbury.....	52	3,911	4,000	13.00	5			1			
Total.....	11,754		632,460	18.59	1,240		145	35	94	352	84
New Mexico:											
East Las Vegas.....	44	3,212	3,500	13.24	24	5	1	2	2		
Socorro.....	a 10	2,295	2,000	5.00	2	3		1			1
Total.....	54		5,500	9.82	26	8	1	3	2		1
New York:											
Adams.....	17	1,360	1,300	13.06	4						
Addison.....	43	2,160	3,000	14.33	5		3			2	
Akron.....	17	1,492	1,400	11.33							
Albion.....	65	4,586	4,971	13.08	10		2				1
Alexandria Bay.....	12	1,123	1,300	9.23							
Amityville.....	27	2,293	2,300	11.74	1						
Athens.....	39	2,024	2,000	19.50	5						
Auburn.....	386	25,858	30,000	12.87	33		2			2	
Balleton Spa.....	52	3,040	4,200	12.38			1			2	
Batavia.....	109	7,221	8,500	12.82	11		3				1
Binghamton.....	667	35,005	45,000	14.82	61		28	2	1	13	1
Boonville.....	42	1,613	3,512	11.96	5		1				
Brockport.....	72	3,742	4,500	16.00	10		2				
Buffalo.....	4,533	255,664	370,000	12.24	415		98		14	80	35
Cambridge.....	29	1,598	1,500	19.33	5						
Canajoharie.....	52	2,069	5,500	9.45	6		1			1	
Canandaigua.....	70	5,868	6,000	11.67	4				1	1	
Canastota.....	60	2,774	3,188	18.82	5		1				3
Canton.....	100	2,580	6,015	16.63	49		1	1	1		
Cape Vincent.....	25	1,324	3,000	8.33							
Castile.....	33	1,146	2,451	13.46	1						
Castleton.....	19	1,127	1,260	15.06	2		2				
Catskill.....	95	4,920	5,253	18.08	6			5		2	
Champlain.....	12	1,275	1,300	9.23	4		2				
Chateaugay.....	40	1,172	1,100	36.36	4		1				
City Island.....	10	1,206	1,206	8.29	2		1				
Clinton.....	18	1,269	1,100	16.36							
Clyde.....	67	2,688	3,000	13.40	6		1			1	
Cobbleskill.....	54	1,822	3,436	15.71	9		1				1
Corinth.....	35	1,222	2,500	14.00	4		1				
Corning.....	144	8,550	12,000	12.00	11		5	3	1	7	

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Mortality statistics of 1,433 cities and towns of the United States, etc.—Continued.

Cities or towns.	Total deaths from all causes.	Population, U. S. census of 1890.	Estimated population.	Annual mortality per 1,000 of the estimated population.	Deaths from—							
					Phthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria and membranous group.	Whooping cough.	
New York—Cont'd.												
Coxsackie.....	72	1,611	3,824	18.83	2		1		1			
Cuba.....	21	1,368	2,900	7.24								
Delhi.....	38	3,758	3,000	12.67	7							
Dobbs Ferry.....	51	2,083	3,000	17.00	5		1			3		
Dundee.....	19	1,200	1,400	13.57								
Dunkirk.....	161	9,416	13,200	12.20	8		1	1		6	2	
East Aurora.....	44	1,582	2,000	22.00								
East Syracuse.....	24	2,231	2,400	10.00	2							
Elmira.....	491	38,893	35,000	14.03	54		16	1	1	2	5	
Fairport.....	51	2,552	3,000	17.00	5							
Fishkill on Hud- son.....	74	3,617	4,500	16.48	9		1					
Franklinville.....	29	1,021	2,500	11.60	2							
Fredonia.....	45	3,399	4,000	11.25	3				1			
Friendship.....	25	1,369	1,500	16.67			1					
Fulton.....	95	4,214	4,700	20.21	14		3					
Fultonville.....	15	1,122	3,000	5.00								
Geneseo.....	40	2,286	2,500	16.00	6					1		
Geneva.....	153	7,557	11,000	13.91					2	1		
Glens Falls.....	228	9,509	13,000	17.54	22		3				3	
Green Island.....	99	4,463	4,500	22.00	12		4			3		
Greenwich.....	41	1,663	2,200	18.64	6							
Groton.....	48	1,280	2,500	19.20	1							
Hamburg.....	61	1,331	4,000	15.25	3		1			1		
Hamilton.....	19		2,000	9.50	2		1					
Hancock.....	32	1,279	4,000	8.00				2	1	3		
Hastings upon Hudson.....	27	1,466	1,800	15.00	5							
Holley.....	15	1,381	1,400	10.71	2					1		
Hudson.....	169	9,970	10,000	16.90	19		4			1		
Huntington.....	116	3,028	9,000	12.98	15					1		
Irrington.....	19	2,299	2,077	9.15								
Islip.....	62	3,000	3,000	20.67								
Johnstown.....	121	7,768	10,000	12.10	15		6			1		
Jordan.....	38	1,271	1,500	25.33	7							
Lancaster.....	51	1,692	3,564	14.31	3		4					
Lansingburg.....	227	10,550	13,000	17.46	18		8					
Little Falls.....	128	8,783	10,000	12.80	12		1			1	1	
Liverpool.....	53	1,284	1,200	44.17	3					1		
Lockport.....	258	16,038	20,000	12.90	19		29		2	6	2	
Malone.....	78	4,986	5,000	15.60	6							
Mayville.....	41	1,164	3,200	12.50								
Mechanicsville.....	86	2,679	5,000	17.20	3		3			8		
Mexico.....	17	1,315	1,325	12.83	4							
Middlebury.....	41	1,139	3,000	13.67	6		1					
Middleport.....	22	1,217	1,400	15.71								
Middletown.....	328	11,977	14,000	23.43	28		7		1	6		
Montgomery.....	25	1,024	1,000	25.00	5							
Monticello.....	9	1,016	1,100	8.18	5							
Mount Morris.....	28	2,286	2,400	11.67								
Mount Vernon.....	238	10,890	23,000	10.35	57		4	4	1	4		
New Hartford.....	50	6,000	6,000	8.33	1							
New York City.....	666,314	2,321,604	3,438,899	19.28	7,725	1	677	650	703	1,776	714	
Niagara Falls.....	263	5,502	21,000	12.52	3		14			5		
North Hempstead.....	182	10,000	10,000	18.20	15		1			5	6	
North Tarrytown.....	53	3,179	4,000	13.25	1				1			
North Tonawanda.....	101	4,793	10,000	10.10			2			4		
Norwich.....	101	5,212	6,004	16.82	9		3			5		
Norwood.....	30	1,463	1,750	17.14	4		1					
Nyack.....	50	4,111	5,603	8.92	8		2				1	
Olean.....	80	7,358	12,000	6.67						1		
Oneida.....	92	6,038	6,134	14.98	13		2		1	1		
Oneonta.....	125	6,272	10,000	12.50	5		3	2		1		
Oswego.....	315	21,842	25,000	12.60	29		4	1		5		
Oxford.....	59	1,477	5,200	11.35								
Palmyra.....	54	2,131	5,000	10.80								
Peekskill.....	179	9,676	10,000	17.90	8		3	1	2	6	4	
Penn Yan.....	75	4,284	4,000	18.75	31		2					

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Mortality statistics of 1,433 cities and towns of the United States, etc.—Continued.

Cities or towns.	Total deaths from all causes.	Population, U. S. census of 1890.	Estimated population.	Annual mortality per 1,000 of the estimated population.	Deaths from—						
					Phthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria and membranous croup.	Whooping cough.
New York—Cont'd.											
Phelps.....	68	1,336	5,150	13.20	4		2				
Plattsburg.....	134	7,010	8,440	14.69	12		5			6	
Port Byron.....	42	1,105	1,800	23.33	1						
Port Ewen.....	26	1,211	1,200	21.67						1	
Port Jefferson.....	28	2,026	2,000	14.00							
Potsdam.....	71	3,961	5,000	14.20	14		3	1			1
Pulaski.....	20	1,517	1,500	13.33			2				
Randolph.....	17	1,201	1,200	14.17	2						
Rensselaer.....	144	7,462	7,462	19.30	14		11			10	8
Rhinebeck.....	63	1,649	3,500	18.00	1		3			2	
Richfield Springs.....	23	1,623	1,600	14.38							
Rochester.....	2,191	133,896	175,000	12.52	267		20	1	8	42	24
Rosendale.....	87	1,706	6,125	14.20	4						
St. Johnsville.....	32	1,236	2,000	16.00			2				
St. Regis Falls.....	19	1,210	2,000	9.50	2						1
Sandy Hill.....	57	3,692	4,100	13.90	3					2	1
Saratoga.....	249	11,975	12,000	20.75	23		7		1		
Saugerties.....	185	4,237	11,000	16.82	27		2	1			
Schenectady.....	301	19,302	24,374	12.35						5	
Schuylerville.....	35	1,387	1,000	35.00	2		1			2	1
Seneca Falls.....	80	6,116	8,000	10.00	17		1		2	1	
Sidney.....	64	1,358	5,000	12.80	17		2	3			
Silver Creek.....	20	1,678	1,800	11.11	3					1	
Sodus.....	88	1,028	5,000	19.60	5						
Springville.....	17	1,863	2,200	7.73	3						
Theresa.....	14	1,028	1,000	14.00	1						
Ticonderoga.....	67		6,000		2		1		1		
Trumansburg.....	20	1,211	1,440	13.89	3						
Unadilla.....	45	1,157	2,600	17.31	1						1
Valatie.....	21	1,437	1,200	17.50							
Walden.....	57	2,132	3,500	16.29	2		1				
Walton.....	72	2,290	7,000	10.28	3					2	
Wappinger Falls.....	63	3,718	3,000	21.00	6					1	
Warsaw.....	80		4,700		5						
Waterloo.....	66	4,350	4,700	14.04	8						
Watertown.....	292	14,725	22,000	13.27	4		15			3	
Waterville.....	24	2,024	1,700	14.12	1						
Weedsport.....	34	1,580	2,000	17.00	3						
Wellsville.....	45	3,435	3,700	12.61	3		1			2	
White Plains.....	110	4,042	6,000	18.33	11		2			3	2
Yonkers.....	752	32,033	42,000	17.90	85		4	3	2	31	7
Total.....	88,963		4,820,063	18.46	9,492		1,063	682	749	2,088	830
North Carolina:											
Charlotte.....	a 303	11,557	27,000	11.22	27	1	9				2
Durham.....	60	5,485	6,000	10.00	11		1	1			1
Goldsmoro.....	109	4,017	8,000	13.63	14		2				1
Lexington.....	17	1,140	2,500	6.80							
Raleigh.....	216	12,673	16,000	13.50	39		2	2		3	
Salem.....	39	25,711	4,500								
Washington.....	131	3,545	6,000	21.85	13		3	1			1
Total.....	875		70,000	12.50	101	1	17	4		3	5
Ohio:											
Ada.....	14	2,079	3,000	4.67	6			9			
Antwerp.....	16	1,331	1,600	10.00						1	
Ashland.....	41	3,566	4,500	9.11	5		3				
Athens.....	46	2,620	3,500	13.14	4		3	4			
Barnesville.....	49	3,207	4,000	12.25							
Bedford.....	15	1,043	1,500	10.00	2						
Bellaire.....	157	9,984	10,000	15.70	22		6		1	4	2
Bellefontaine.....	45	4,245	8,000	5.63	7		1				
Belleve.....	42	3,052	4,500	9.33						4	
Blanchester.....	25	1,196	1,600	15.63	3		1				
Bowling Green.....	17	3,467	6,000	2.83	5		5		4	2	
Bradford.....	8	1,338	1,600	5.00	2						
Bridgeport.....	40	3,389	4,000	10.00	3						1
Brooklyn.....	26	4,585	4,585	5.67	1		3				

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Mortality statistics of 1,453 cities and towns of the United States, etc.—Continued.

Cities and towns.	Total deaths from all causes.	Population, U. S. census of 1890.	Estimated population.	Annual mortality per 1,000 of the estimated population.	Deaths from—						
					Phtthis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria and membranous croup.	Whooping cough.
Ohio—Continued.											
Bryan.....	39	3,068	4,000	9.75	10					5	
Bucyrus.....	68	5,975	8,000	8.50	10		2			1	
Cadiz.....	30	1,716	2,500	12.00	2		1				
Caldwell.....	4	1,248	1,300	3.08	2						
Cambridge.....	83	4,361	9,000	9.22	15		8			2	
Carey.....	19	1,605	2,000	9.50	5						
Carrollton.....	20	1,228	1,500	13.33	2						
Carthage.....	24	2,257	2,500	9.60	4						
Celina.....	24	2,702	3,000	8.00	2		3	8	3	7	1
Circleville.....	109	6,556	7,000	15.57	4		5	2			
Cleveland.....	5,040	261,353	370,000	13.62	192		121	12	29	146	16
Columbiana.....	32	1,112	1,800	17.78	2		1		1		
Columbus.....	1,390	88,150	140,000	9.92	219		33	16	1	15	10
Conneaut.....	66	3,241	5,000	13.20	5		3			3	
Corning.....	11	1,551	1,800	6.11	1		3	3			
Coshocton.....	52	3,672	5,000	10.40	4		4	1	1	1	
Covington.....	24	1,778	2,000	12.00	2		1		21		
Crestline.....	26	2,911	3,500	7.43							
Defiance.....	74	7,694	10,000	7.40			1		1		
De Graff.....	5	1,076	1,300	3.85	4						
Delaware.....	104	8,224	10,000	10.40	20		5			2	
Delta.....	14	1,132	1,600	8.75					1		
Doylestown.....	5	1,131	1,200	4.17							
Dunkirk.....	20	1,220	1,220	16.39	1				4		
East Liverpool.....	170	10,956	16,000	10.63	15		13				3
East Palestine.....	13	1,816	2,500	5.20	3						2
Elmore.....	8	1,198	1,200	6.67	2						
Findlay.....	172	18,553	20,000	8.60	30		2		6	3	
Fort Recovery.....	10	1,186	1,600	6.25						4	
Fostoria.....	94	7,070	10,000	9.40	1		3			2	
Franklin.....	38	2,729	3,000	12.67	7		3				
Frement.....	90	7,141	8,000	11.25	18		6			2	
Gallipolis.....	146	4,498	6,000	24.33	16		3			3	
Geneva.....	40	2,194	2,400	16.67	4						
Germantown.....	13	1,437	2,000	6.50			1				
Glendale.....	23	1,444	1,440	15.97	5					1	
Greenville.....	50	5,473	5,600	8.93	11		1	1		1	
Hartwell.....	31	1,507	2,000	15.50	3						
Hillsboro.....	49	3,620	4,500	10.89							
Hubbard.....	17	1,498	1,500	11.33	1						
Ironton.....	184	10,939	14,000	13.14	27		11			1	2
Jackson.....	86	4,320	5,500	15.64			2			6	
Jefferson.....	33	1,346	1,500	22.00			3		1		
Kent.....	45	3,501	4,000	11.25			6			2	
Kenton.....	63	5,557	9,000	7.00	15		1			3	
Lancaster.....	119	7,555	9,000	13.22	22		3				
Lebanon.....	34	3,050	3,500	9.71	6						
Leontonia.....	38	3,826	4,000	9.50	3		3			3	
Lima.....	320	15,981	30,000	10.67	37		4				
Lockland.....	a 38	2,474	3,500	10.86	1		1		1		
Logan.....	44	3,119	3,500	12.57	7		3	1		1	
Loudonville.....	17	1,444	1,500	11.33	1		1				
Louisville.....	b 25	1,323	3,000	8.33	3		1				
McConnellsville.....	20	1,771	2,000	10.00	6		2				
Marion.....	126	8,327	12,000	10.50			7			1	1
Martins Ferry.....	115	6,250	8,000	14.38	17		3				6
Marysville.....	26	2,810	4,000	6.50	5		1				
Massillon.....	108	10,092	13,000	8.31	9		4	1		7	
Maumee.....	19	1,645	1,800	10.56						5	
Mechanicsburg.....	27	1,459	2,500	10.80	7					1	
Miamisburg.....	56	2,952	4,000	14.00	9		1	2		1	1
Middleport.....	52	3,211	3,000	17.33	10		1	3		3	
Middletown.....	109	7,681	10,000	10.90	12			6			
Millersburg.....	28	1,923	2,100	13.33	5					5	
Montpelier.....	12	1,293	2,200	5.45	3						
Napoleon.....	26	2,764	4,000	6.50	4						
Nelsonville.....	66	4,558	6,000	11.00	4		2			4	
Newark.....	202	14,270	20,000	10.10	21		4			7	1
New Bremen.....	12	1,239	1,800	6.67	3						

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Mortality statistics of 1,433 cities and towns of the United States, etc.—Continued.

Cities or towns.	Total deaths from all causes.	Population, U. S. census of 1890.	Estimated population.	Annual mortality per 1,000 of the estimated population.	Deaths from—						
					Pneumonia.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria and membranous croup.	Whooping cough.
Ohio—Continued.											
New Lexington.....	30	1,470	2,000	15.00			1				
New London.....	16	1,096	1,500	10.67							
New Philadelphia.....	80	4,456	6,000	13.33	11		2			2	
New Richmond.....	14	2,782	2,500	4.00	2		3	4			
New Straitsville.....	18	2,782	2,000	6.21							
North Amherst.....	18	1,648	1,800	10.00	3		1				
North Baltimore.....	33	2,857	3,200	10.31	3		1				
Norwalk.....	60	7,195	8,000	7.50	10						
Oberlin.....	61	4,376	4,700	12.98	12		3				
Orrville.....	33	1,765	2,000	16.50	3		2				
Ottawa.....	32	1,717	2,500	12.80	5		1			1	
Painesville.....	79	4,755	8,900	8.88	8		2			2	
Paulding.....	15	1,879	3,100	4.84	2			4		1	
Pleasant Ridge.....	8	1,027	1,250	6.40							
Pomeroy.....	35	4,726	5,000	7.00							
Port Clinton.....	32	2,049	3,000	10.67	4						
Portsmouth.....	222	12,395	18,000	12.33	22		9		1	7	
Ravenna.....	27	3,417	4,000	6.75	5					2	
Richwood.....	21	1,415	1,800	11.67	7						
Sabina.....	15	1,080	1,700	8.82	1						
St. Bernard.....	23	1,779	2,850	8.07	7						
St. Mary.....	60	3,000	6,000	10.00	8		5	4		2	
Salem.....	81	5,780	8,000	10.13	11					1	
Salineville.....	31	2,369	2,500	12.40	2						
Sidney.....	70	4,850	6,000	11.67	12		2	1			
Somerset.....	15	1,127	1,500	10.00						1	
South Charleston.....	9	1,041	1,200	7.50	1		4			2	
Spencerville.....	28	1,266	2,000	14.00	7		2			4	
Springfield.....	433	31,895	40,000	10.83	51		9	2	4	12	
Tiffin.....	133	10,801	15,000	8.87	17		7				
Tippecanoe.....	12	1,465	1,200	10.00							
Toledo.....	1,564	81,434	151,520	10.32	138		31	1	5	31	
Troy.....	76	4,494	5,000	15.20	14		9			2	
Urbana.....	113	6,510	7,500	15.07	11		2			1	
Urchesville.....	36	3,842	5,000	7.20	6		3			1	
Versailles.....	17	1,385	1,600	10.63	1						
Wapakoneta.....	36	3,616	4,500	8.00	5						
Warren.....	90	5,973	11,000	8.18						1	
Waverly.....	45	1,567	2,000	22.50						4	
Wellston.....	111	4,377	8,000	13.88			15	5	2	15	
Wellsville.....	74	5,247	6,500	11.38	6		3			1	
Westerville.....	18	1,229	1,700	10.59							
Willoughby.....	27	1,219	2,000	13.50	2			1	1		
Woodfield.....	15	1,031	1,700	8.82							
Wyoming.....	13	1,454	1,800	7.33	1			1			
Xenia.....	104	7,301	8,000	13.00	20		3			2	
Youngstown.....	527	33,220	50,167	10.50	40		25			5	
Total.....	15,458		1,367,832	11.30	1,338		462	93	88	357	76
Oregon :											
Portland.....	987	46,385	92,500	9.70	107		20	2		13	3
Pennsylvania :											
Allegheny.....	2,086	105,287	135,000	15.08	172		73	20	12	33	36
Altoona.....	450	30,337	42,500	10.59	44		13	1	3	12	2
Ambler.....	26	1,073	2,000	13.00	1		1				
Archbald.....	90	4,032	6,000	7.50	1		1			2	2
Ashley.....	66	3,192	4,000	16.50						1	
Austin.....	20	1,679	3,300	6.06	3		3			4	
Avoca.....	51	3,031	3,031	21.68	3		1				
Beaver Falls.....	128	9,735	10,000	12.80	16		15		2	1	
Bellevue.....	36	1,418	3,600	10.00			1				
Berwick.....	48	2,701	4,000	12.00			2			2	
Blakely.....	43	2,452	4,000	10.75	1					5	
Blossburg.....	35	2,568	2,800	12.50							
Bradford.....	158	10,514	20,000	7.90	12					2	
Bridgeport, Mont- gomery County.....	52	2,651	3,900	13.33	3		1			12	
Bridgewater.....	16	1,177	1,200	13.33							

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Mortality statistics of 1,453 cities and towns of the United States, etc.—Continued.

Cities or towns.	Total deaths from all causes.	Popula- tion, U. S. census of 1890.	Esti- mated popu- lation.	Annual mortality per 1,000 of the estimated population.	Deaths from—							
					Phthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria and men- branous croup.	Whooping cough.	
Pennsylvania—Ctd.												
New Brighton.....	79	5,616	7,000	11.29	7		5					
Newcastle.....	351	11,600	35,000	10.29	5		25	4	2	14	1	
Newhaven.....	16	1,221	1,800	8.89	4							
Newhope.....	28	1,142	1,200	23.33								
Newtown.....	20	1,213	1,400	14.44	6							
Newville.....	22	1,562	1,500	14.67					1			
Norristown.....	299	19,791	22,500	13.29	26		5	2		6		
Northeast.....	27	1,538	2,500	10.80								
Northumberland..	26	2,744	3,000	8.67	4					1		
North Wales.....	20	1,060	1,400	14.29	2					1		
Oakmont.....	27	1,678	2,500	10.80				1				
Oil City.....	127	10,932	18,000	7.06	7		4			3		
Olyphant.....	34	4,083	4,000	8.50								
Orwigsburg.....	17	1,290	1,400	12.14						1		
Parkersburg.....	24	1,514	2,100	11.43								
Parsons.....	15	2,412	5,000	3.00	3							
Phoenixville.....	157	8,514	8,500	18.47	3		3		1	4		
Pine Grove.....	10	1,103	1,200	8.33	1							
Pittsburg.....	5,114	234,617	298,772	17.12	337		179	67	24	89	167	
Pittsboro.....	177	10,302	15,000	11.80				1		2		
Plymouth.....	215	9,344	14,000	15.34			5	1	1	14		
Port Allegheny....	5	1,230	2,000	2.50								
Pottstown.....	210	13,285	16,000	13.13	25		7			14	1	
Quakertown.....	46	2,169	3,000	15.33	9		3			1		
Reading.....	1,064	58,661	76,000	14.00	89		45	1	4	22	12	
Renovo.....	51	4,154	4,500	11.33	1							
Reynoldsville.....	22	2,789	4,000	5.50			1					
Ridgway.....	31	1,903	5,000	6.20								
Royersford.....	6	1,815	2,500	2.40								
Saint Clair.....	a 133	3,680	7,000	18.57	5		1			2		
Scottsdale.....	39	2,693	4,000	9.75	2		4			2		
Scranton.....	1,596	75,215	105,000	15.20	45		13		4	77	13	
Selingsgrove.....	24	1,315	1,600	15.00						1		
Sewickley.....	31	2,776	3,500	8.86			2				2	
Sharpsburg.....	90	4,898	6,000	15.00			4					
Sharpsville.....	30	2,330	3,000	10.00	2			1	1			
Shenandoah.....	354	15,944	20,000	17.70	13				6	12	1	
Shippensburg.....	6	2,188	4,000	1.50	5					1		
Slatington.....	58	2,716	4,000	14.50	4							
South Bethlehem..	219	10,302	13,000	16.58	4		5			6		
South Forks.....	19	1,295	3,000	6.33	4		7	1	1	4	2	
Steelton.....	151	9,250	10,000	15.10			4		1	14	1	
Summit Hill.....	38	2,816	2,500	15.20		2	2					
Sunbury.....	116	5,930	10,000	11.60	11		4					
Susquehanna.....	74	3,872	4,000	18.50	2					1		
Tarentum.....	50	4,627	5,000	10.00			1	6				
Tidioute.....	a 12	1,328	1,200	10.00								
Titusville.....	94	8,073	9,000	10.44	18					3	1	
Tremont.....	29	2,064	2,000	14.50								
Troy.....	18	1,307	1,400	12.96	3					1		
Tyrone.....	64	4,705	7,000	9.14						1		
Upland.....	21	2,275	2,000	10.50	7							
Verona.....	18	1,477	2,000	9.00								
Washington.....	110	7,063	9,000	12.22	16		3			4		
Waynesboro.....	37	3,811	3,000	12.33	5		1			1		
Weatherly.....	39	2,961	3,500	11.14	4			1		1	1	
Wellsboro.....	46	2,961	3,000	15.33	2		1			2		
West Bethlehem....	52	2,759	4,000	13.50			6			6		
West Fairview.....	19	1,137	1,000	19.00	1		2		1	1	1	
West Newton.....	26	2,285	3,000	8.67			3			2		
West Pittston.....	150	3,906	6,700	22.39	5		2	2		6	2	
Wilkebarre.....	648	37,718	55,000	11.78			17		1	17	2	
Williamsburg.....	122	4,662	15,000	8.13	7		2		1	3		
Williamsport.....	265	27,132	35,000	7.29	24		4			7		
Wrightsville.....	32	1,912	24,000	13.33								
York.....	472	20,793	30,000	15.73	33		46	2	2	11	14	
Total.....	23,107		1,720,282	13.49	1,446	2	727	123	84	572	302	

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Mortality statistics of 1,453 cities and towns of the United States, etc.—Continued.

Cities or towns.	Total deaths from all causes.	Population, U. S. census of 1890.	Estimated population.	Annual mortality per 1,000 of the estimated population.	Deaths from—						
					Phthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria and membranous croup.	Whooping cough.
Rhode Island:											
Bristol.....	109	5,478	6,700	16.27	13		1				
Central Falls.....	236		17,000	13.88	26			2	1	3	
Little Compton.....	18	1,128	1,145	15.72							
Middletown.....	15	1,154	1,413	11.62							
Newport.....	338	19,457	21,500	15.72	40		5		1	3	2
North Kingstown.....	63	4,193	5,090	12.38						1	
Warren.....	84	4,489	4,500	18.67	10						1
Woonsocket.....	460	20,830	28,000	16.43	56		3			10	
Total.....	1,323		85,348	15.50	145		9	2	2	17	3
South Carolina:											
Anderson.....	102	3,018	6,000	17.00	18		1				
Florence.....	88	3,395	5,500	16.00	9		1				1
Graniteville.....	30	1,791	2,500	12.00						1	
Greenville.....	120	8,607	14,000	8.57	13	1	2			3	1
Greenwood.....	a 40	1,326	4,000	10.00	1		10			7	1
Manning.....	10	1,069	1,500	6.67	3		1				
Marion.....	12	1,640	2,000	6.00							
Pelzer.....	55	1,878	6,000	9.17							
Walterboro.....	13	1,171	1,700	7.65	2		3				
Total.....	470		43,200	10.88	36	1	18			11	3
South Dakota:											
Deadwood.....	54	2,366	6,000	9.00	4		4			2	
Mitchell.....	32	2,217	3,000	10.67	1			3		1	
Sioux Falls.....	67	10,177	12,000	5.59	4		2			1	
Vermillion.....	20	1,496	2,500	8.00	4						
Total.....	173		23,500	7.36	9		6	3		4	
Tennessee:											
Brownsville.....	234	2,516	3,000	78.00	43		31			5	6
Clinton.....	19	1,198	1,200	15.83	5		2			1	
Covington.....	26	1,067	2,500	10.40	4		5		4		
Fayetteville.....	b 30	2,410	3,000	10.00	5		11				
Maryville.....	25	1,686	3,000	12.50	6		5			2	2
McMinnville.....	5	1,677	2,000	2.50	3						
Murfreesboro.....	88	3,739	5,000	17.60	16		2	1		4	
Nashville.....	1,607	76,168	87,754	18.24	177		19			29	3
Newbern.....	20	1,236	1,800	11.11			1			1	
Savannah.....	10	1,087	1,400	7.14	4		2			4	
Soddy.....	20	1,173	2,000	10.00	2		5	2		1	
South Pittsburg.....	100	1,479	5,000	20.00	8		15	5		25	
Total.....	2,284		117,654	18.56	273		68	8	4	72	11
Texas:											
Abilene.....	c 51	3,198	5,000	10.20	7		17	7		6	
Brownwood.....	48	6,134	4,000	12.00							
Burnet.....	10	1,454	1,500	6.67	2		3			1	
Caldwell.....	14	1,250	2,000	7.00	3		4			1	
Dallas.....	d 661	38,067	64,224	10.29	95		20	2	1	6	4
Decatur.....	12	1,746	2,000	6.00							
Flatonias.....	8	1,304	2,000	4.00			1				
Gainesville.....	106	6,594	12,000	8.83			11		1	5	
Giddings.....	10	1,203	1,600	6.25			1				
Hennietta.....	16	2,100	2,500	6.40	2						
Lampasas.....	21	2,408	3,000	7.00	1						
Lockhart.....	21	1,223	2,100	10.00	3		3			4	
Rio Grande.....	30	1,968	1,600	18.73	10						
Rockport.....	13	1,069	1,500	8.67	5		5				
San Antonio.....	1,150	37,673	63,000	18.25	271	1	20		6	13	8
Temple.....	57	4,047	10,000	5.70			1			3	1
Terrell.....	31	2,988	6,500	4.77							
Vernon.....	15	2,857	3,000	5.00	1					3	
Weatherford.....	42	3,369	5,500	5.64							
Total.....	2,316		193,024	12.00	293	1	24		6	23	9

a Typhus, 5.

b White, 11; colored, 19.

c Typhus, 11.

d Typhus, 1.

Mortality statistics of 1,453 cities and towns of the United States, etc.—Continued.

Cities or towns.	Total deaths from all causes.	Population, U. S. census of 1890.	Estimated population.	Annual mortality per 1,000 of the estimated population.	Deaths from—							
					Phthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria and membranous croup.	Whooping cough.	
Utah:												
Brigham.....	46	2,139	2,800	16.43	3		4			1		4
Eureka.....	43	1,733	3,000	14.33			3			1		
Mount Pleasant ...	50	2,254	2,600	19.23			1		2	3		
Ogden.....	213	14,889	18,000	11.83	11		3	2	6			5
Park City.....	30	2,850	4,000	7.50	2							
Pleasant Grove.....	33	2,135	3,000	11.00			4			1		2
Salt Lake City.....	607	44,843	70,000	8.67	37		23	6	12	7		18
Smithfield.....	15	1,090	1,800	8.33								
Springville.....	31	2,849	3,400	9.11	1		2				1	
Total.....	1,068		108,600	9.83	54		40	8	22	21		27
Vermont:												
Bakersfield.....	14	1,162	1,900	7.36								
Barnet.....	22	1,897	1,950	11.28								
Barre.....	121	6,812	7,000	17.29	11		15				4	2
Bennington.....	129	6,391	9,000	14.33	21		3				3	
Bethel.....	31	1,448	1,448	21.41	4		1					
Bradford.....	33	1,429	1,400	23.57	1		1					
Brandon.....	64	3,310	3,500	18.29	11		4	2				
Brighton.....	32	2,020	2,000	16.00	2						1	
Burlington.....	283	14,590	18,500	15.30	23		4				2	
Calais.....	21	1,082	1,000	21.00	1		2					
Cambridge.....	28	1,689	1,689	16.58	4							
Castleton.....	48	2,396	2,400	20.00	8							
Charleston.....	15	1,058	1,000	15.00	1							
Charlotte.....	15	1,240	1,300	11.54	1							
Concord.....	22	1,425	1,700	12.94	3							
Corinth.....	21	1,027	1,027	20.45	1		1			1		
Craftsbury.....	20	1,271	1,200	16.67	4		2					
Danby.....	8	1,084	1,000	8.00	2							
Dorset.....	17	1,696	1,700	10.00								
Essex.....	30	2,013	2,200	13.64	1		1					
Fairfax.....	19	1,523	1,600	11.88	4							
Fairfield.....	9	1,825	1,875	4.79	3							
Fairhaven.....	55	2,791	3,000	18.33	12		2					
Ferrisburg.....	23	1,501	1,500	15.33	5		2					
Georgia.....	25	1,282	1,300	19.23	4							
Hinesburg.....	17	1,205	1,205	14.11	1							
Jamaica.....	17	1,074	1,000	17.08								
Jericho.....	25	1,461	1,450	17.24								
Londonderry.....	20	1,010	1,010	19.80	2							
Lowell.....	17	1,178	1,178	14.42			1					
Ludlow.....	32	1,768	2,000	16.00	2				1			
Manchester.....	33	1,907	2,000	16.50								
Middlebury.....	54	2,793	2,800	19.29	4		2					
Morristown.....	51	2,411	2,500	20.40	2		1	1				
Mount Holly.....	14	1,214	1,100	12.71								
New Haven.....	16	1,224	1,260	12.70	1							
Norwich.....	18	1,804	1,800	13.85			1					
Orwell.....	15	1,265	1,300	11.54			1				1	
Pawlet.....	10	1,745	1,745	5.73				1				
Poultney.....	47	3,031	3,000	15.67	5		1					
Pownal.....	29	1,919	2,000	14.50	3		3				1	
Randolph.....	41	3,232	3,232	12.69	1							
Shaftsbury.....	22	1,652	1,650	13.33	1							
Shelburne.....	20	1,300	1,400	14.29								
Sheldon.....	16	1,365	1,400	11.43							1	1
Shoreham.....	12	1,240	1,300	9.23	3							
Springfield.....	55	2,881	3,500	15.71			2					
Thetford.....	15	1,287	1,200	12.50								
Topsham.....	12	1,187	1,200	10.00								
Troy.....	21	1,673	1,800	11.67	7		1					
Underhill.....	22	1,801	1,200	18.33	1		1					1
Wallingford.....	37	1,733	1,733	21.35	1			2			1	
Waterbury.....	53	2,232	2,800	18.93								
Westminster.....	20	1,265	1,265	15.81	1		1					
West Rutland.....	33	3,680	3,500	9.43	9							
Whitingham.....	17	1,191	1,200	14.17	2							

Mortality statistics of 1,453 cities and towns of the United States, etc.—Continued.

Cities or towns.	Total deaths from all causes.	Population, U. S. census of 1890.	Estimated population.	Annual mortality per 1,000 of the estimated population.	Deaths from—						
					Phthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria and membranous croup.	Whooping cough.
Vermont—Cont'd.											
Wilmington	16	1,106	1,200	13.83	1						
Windsor	26	1,846	2,000	13.00	1	3					
Total	1,958		130,617	14.91	175	56	6	1	15	4	
Virginia:											
Danville	316	10,305	20,000	15.80	38	10	1			3	
Graham	20	1,021	1,800	11.11		2		4	1		
Leesburg	40	1,650	1,800	22.22	4	2		1	1		
Pocahontas	42	2,053	3,300	12.78	12	3				1	
Pulaski	16	2,118	3,000	5.33	3			2	5		
Total	434		29,900	14.52	57	17	1	7	7	4	
Washington:											
Blaine	7	1,583	1,500	4.67	2	1					
Chehalis	7	1,309	2,000	3.50	1						
Dayton	26	1,880	2,500	10.40	4		1		1		
Hoquiam	19	1,302	2,000	9.50	1						
Roslyn	23	1,484	2,300	10.00			2			1	
Seattle	669	42,837	75,000	8.92	41	24	6	1	44		
Wallawalla	84	4,709	8,000	10.50	15	12		1	2		
Whatcom	33	4,059	6,000	5.50		2			1		
Total	968		99,300	9.75	4	39	9	2	48	1	
West Virginia:											
Benwood	85	2,934	5,000	17.00	12				1		
Guyandotte	11	1,502	2,100	5.24	1		1		4	2	
Keyser	93	2,165	3,000	31.00	3	7			2		
New Cumberland	30	2,305	2,700	11.11	3	3			2		
Wheeling	584	35,522	38,000	15.37	59	33	2	2	9	49	
Total	803		50,800	15.81	78	46	3	2	18	51	
Wisconsin:											
Algoma	10		1,800	5.56	1	1					
Alma	3	1,428	1,485	2.02							
Antigo	45	4,424	5,500	8.18	2				4		
Ashland	241	9,956	15,000	16.07	18	5			8		
Bayfield	10	1,373	1,500	6.67	3	1			3		
Beaver Dam	70	4,222	5,000	14.00	8	3					
Beloit	72	6,315	10,000	7.20	7	3			1		
Berlin	53	4,149	4,500	11.78	6	1			4	1	
Black River Falls	20	2,261	2,000	10.00	2	4					
Boscobel	23	2,570	2,000	11.50	1	1	1		1		
Brodhead	22	1,461	2,000	11.00	2	1		2	1		
Chippewa Falls	110	8,670	9,000	12.22	18	2	1		2	1	
Cumberland	16	1,219	1,400	11.43	4						
Delavan	27	2,038	2,300	11.74	5				4		
Elroy	21	1,418	1,700	12.35	4		1	1			
Fort Atkinson	27	2,283	2,700	10.00	5	1					
Grand Rapids	16	1,702	2,400	6.67	3				3		
Green Bay	225	9,069	24,000	9.38	30	9	1		3		
Hayward	26	1,849	3,500	7.43	1				4	1	
Horicon	12	1,354	1,500	8.00	1	1					
Hudson	38	2,885	3,500	10.86							
Hurley	56	2,267	3,500	15.71					1		
Jefferson City	26	2,287	3,000	8.67	2						
Kaukauna	50	4,667	7,000	7.14	5				2		
Kenosha	169	6,532	12,000	14.09	16	1		1	11	1	
Kewaunee	28	1,216	1,500	18.67	2	1					
Lake Geneva	52	2,277	2,500	20.80	1	4			1		
Madison	202	13,426	20,000	10.10	3				1		
Manitowoc	161	7,710	11,000	14.64		2			1		
Mausonton	13	1,343	1,800	7.22	3		1				
Mazomanie	19	1,034	1,000	19.00	3				1		
Medford	15	1,193	1,800	8.33					1		
Menasha	82	4,581	7,000	11.71							

α Typhus, 1.

Mortality statistics of 1,433 cities and towns of the United States, etc.—Continued.

Cities or towns.	Total deaths from all causes.	Population, U. S. census of 1890.	Estimated population.	Annual mortality per 1,000 of the estimated population.	Deaths from—						
					Phthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria and membranous croup.	Whooping cough.
Wisconsin—Cont'd.											
Merrill.....	150	6,809	8,000	18.75	4		3			2	
Milwaukee.....	3,338	204,468	280,000	11.92	316		46	2	2	61	58
Milwaukee, Mil. Co.	45		4,500	10.00			1				
Mineral Point.....	28	2,694	3,500	8.00	6		2				
Monroe.....	60	3,768	4,000	15.00	4						
Neenah.....	120	5,083	6,000	20.00	14						1
New London.....	30	2,050	3,000	10.00	3		1				
Oconomowoc.....	32	2,729	3,000	10.67	4						
Oconto.....	50	5,219	6,000	8.33	5					1	
Oshkosh.....	364	22,836	30,000	12.13	51		2			7	
Peshigo.....	23	1,719	2,300	10.00	3						
Piatteville.....	48	2,740	3,700	12.97	4			1		3	
Plymouth.....	14	1,503	2,300	6.09	7		1				
Prairie du Chien..	80	3,131	3,500	22.86	11			5			
Reedsburg.....	22	1,737	2,600	8.46	3					1	
Rhineland.....	42	2,658	5,000	8.40	4		2	2			
Rice Lake.....	47	2,130	3,500	13.43	4		1			4	
Ripon.....	47	3,358	5,000	9.40	4		2	2		2	
Shawano.....	20	1,505	2,000	10.00	2						1
Sheboygan.....	270	16,359	24,000	11.25	30		7			6	
Sparta.....	29	2,795	3,800	7.63	3						
Stoughton.....	29	2,470	3,700	7.81	7						
Sturgeon Bay.....	36	2,195	3,500	10.29	2		1				
Superior City.....	398	11,983	35,000	11.39	15		13	6	5	17	1
Toneah.....	25	2,199	3,000	8.33	1						
Two Rivers.....	62	2,870	3,500	17.73	10			1		3	3
Waukesha.....	75	6,321	9,000	8.33	8		3				
Wausau.....	114	9,253	13,000	8.77	5		3			1	1
Total.....	7,557		651,275	11.60	686		130	14	10	162	64
Wyoming:											
Cheyenne.....	75	11,690	9,000	8.33							
Grand total.....	320,485		21,035,689	15.24	32,636	20	6,355	1,538	1,582	7,278	2,514

Table of temperature and rainfall, week ended October 30, 1899.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	α Excess.	α Defic'y.	Normal.	Excess.	Deficiency.
Atlantic Coast:						
Eastport, Me.....	43	7	.....	.98	.....	.58
Portland, Me.....	45	8	.....	.91	.....	.25
Northfield, Vt.....	39	10	.....	.59	.71	.....
Boston, Mass.....	47	10	.....	1.01	.....	.82
Vineyard Haven, Mass.....	50	8	.....	.87	.....	.64
Nantucket, Mass.....	49	8	.....	.91	.....	.76
Woods Hole, Mass.....	50	7	.....	1.00	.....	.97
Block Island, R. I.....	50	6	.....	1.05	.....	1.08
New Haven, Conn.....	48	8	.....	.92	.....	.78
Albany, N. Y.....	46	8	.....	.70	.....	.41
New York, N. Y.....	51	10	.....	.81	.....	.72
Harrisburg, Pa.....	49	10	.....	.63	.....	.40
Philadelphia, Pa.....	52	10	.....	.67	.....	.52
New Brunswick, N. J.....	49	12	.....	.82	.....	.58
Atlantic City, N. J.....	52	7	.....	.77	.....	.47
Baltimore, Md.....	53	9	.....	.63	.....	.48
Washington, D. C.....	52	10	.....	.69	.....	.50
Lynchburg, Va.....	53	9	.....	.70	.....	.88
Cape Henry, Va.....	58	5	.....	.84	.....	.28
Norfolk, Va.....	57	9	.....	.84	.....	.41
Charlotte, N. C.....	55	10	.....	.80	.....	.76
Raleigh, N. C.....	54	11	.....	1.00	.....	.91
Kittyhawk, N. C.....	60	5	.....	.84	.....	.01
Hatteras, N. C.....	61	7	.....	1.33	.25	.....
Wilmington, N. C.....	61	6	.....	.70	.....	.44
Columbia, S. C.....	61	5	.....	.49	.....	.40
Charleston, S. C.....	63	8	.....	.77	.....	.74
Augusta, Ga.....	60	7	.....	.56	.....	.54
Savannah, Ga.....	63	6	.....	.65	.....	.62
Jacksonville, Fla.....	66	6	.....	.96	.....	.75
Jupiter, Fla.....	72	4	.....	1.54	.53	.....
Key West, Fla.....	77	.....	1	.83	.....	.15
Gulf States:						
Atlanta, Ga.....	57	7	.....	.59	.....	.15
Tampa, Fla.....	70	4	.....	.42	.....	.38
Pensacola, Fla.....	65	5	.....	.74	.92	.....
Mobile, Ala.....	64	6	.....	.70	.....	.03
Montgomery, Ala.....	61	6	.....	.56	1.06	.....
Vicksburg, Miss.....	61	6	.....	.79	.....	.15
New Orleans, La.....	66	2	.....	.74	.....	.62
Shreveport, La.....	61	5	.....	.78	.....	.31
Fort Smith, Ark.....	56	7	.....	.67	1.52	.....
Little Rock, Ark.....	57	7	.....	.64	.....	.22
Palestine, Tex.....	62	5	.....	.80	4.51	.....
Galveston, Tex.....	69	3	.....	.89	.....	.31
San Antonio, Tex.....	65	3	.....	.34	.92	.....
Corpus Christi, Tex.....	69	3	.....	.42	.30	.....
Ohio Valley and Tennessee:						
Memphis, Tenn.....	58	8	.....	.75	.....	.26
Nashville, Tenn.....	55	7	.....	.57	.04	.....
Chattanooga, Tenn.....	55	7	.....	.65	.....	.25
Knoxville, Tenn.....	54	8	.....	.66	.19	.....
Louisville, Ky.....	53	8	.....	.70	.40	.....
Indianapolis, Ind.....	50	10	.....	.70	.54	.....
Cincinnati, Ohio.....	52	9	.....	.63	.28	.....
Columbus, Ohio.....	47	13	.....	.67	.47	.....
Parkersburg, W. Va.....	47	13	.....	.70	.....	.29
Pittsburg, Pa.....	50	13	.....	.56	.....	.08
Lake Region:						
Oswego, N. Y.....	46	11	.....	.77	.51	.....
Rochester, N. Y.....	45	13	.....	.70	.16	.....
Buffalo, N. Y.....	46	13	.....	.78	.07	.....
Erie, Pa.....	48	14	.....	.97	.....	.07
Cleveland, Ohio.....	48	13	.....	.63	.....	.02
Sandusky, Ohio.....	48	14	.....	.63	.58	.....
Toledo, Ohio.....	47	12	.....	.56	.43	.....
Detroit, Mich.....	46	.....	.....	.60	.....	.....
Lansing, Mich.....	45	10	.....	.56	1.32	.....
Port Huron, Mich.....	44	12	.....	.63	.93	.....
Alpena, Mich.....	41	13	.....	.80	.....	.52
Sault Ste. Marie, Mich.....	40	8	.....	.70	.....	.41
Marquette, Mich.....	40	9	.....	.70	.80	.....
Green Bay, Wis.....	41	11	.....	.49	.....	.03
Grand Haven, Mich.....	45	9	.....	.70	.50	.....

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

Table of temperature and rainfall, week ended October 30, 1899—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	^a Excess.	^a Deficiency.	Normal.	Excess.	Deficiency.
Lake Region—Continued.						
Milwaukee, Wis.....	44	11		.49	.26	
Chicago, Ill.....	47	9		.63	.97	
Duluth, Minn.....	40	5		.49		.25
Upper Mississippi Valley:						
St. Paul, Minn.....	41	8		.35	1.13	
La Crosse, Wis.....	44	7		.42		.08
Dubuque, Iowa.....	45	10		.56		.15
Davenport, Iowa.....	47	9		.56		.30
Des Moines, Iowa.....	46	8		.65		.31
Keokuk, Iowa.....	48	8		.56	.67	
Hannibal, Mo.....	49	7		.56	.44	
Springfield, Ill.....	48	9		.63	1.67	
Cairo, Ill.....	54	8		.73	.07	
St. Louis, Mo.....	52	9		.66	.82	
Missouri Valley:						
Columbia, Mo.....	53	6		.35	1.55	
Springfield, Mo.....	50	8		.66	3.20	
Kansas City, Mo.....	50	8		.75		.01
Topeka, Kans.....	50	8		.35	.38	
Wichita, Kans.....	53	5		.35	1.00	
Concordia, Kans.....	49	6		.28	4.16	
Lincoln, Nebr.....	49	6		.42	1.85	
Omaha, Nebr.....	47	8		.46	1.11	
Sioux City, Iowa.....	45	4		.36		.13
Yankton, S. Dak.....	44	6		.25		.11
Valentine, Nebr.....	45	0		.19		.19
Huron, S. Dak.....	42	4		.26		.26
Pierre, S. Dak.....	46	1		.14		.13
Moorhead, Minn.....	38	6		.33		.23
Bismarck, N. Dak.....	38	3		.21		.21
Williston, N. Dak.....	39	3		.21		.20
Rocky Mountain Region:						
Havre, Mont.....	42	1		.14		.04
Helena, Mont.....	44	0		.15		.15
Miles City, Mont.....	41	1		.18	.06	
Rapid City, S. Dak.....	45	1		.14		.14
Spokane, Wash.....	44	3		.38		.35
Walla Walla, Wash.....	51	0		.35		.19
Baker City, Oreg.....	46		2	.23		.13
Winnemucca, Nev.....	47		4	.14		.14
Boise, Idaho.....	46	1		.28		.25
Salt Lake City, Utah.....	48		2	.35		.32
Lander, Wyo.....	38	0		.21		.21
Cheyenne, Wyo.....	41	1		.14		.06
North Platte, Nebr.....	45	3		.21		.20
Denver, Colo.....	46	1		.20	.18	
Pueblo, Colo.....	49			.14		
Dodge City, Kans.....	50	5		.28	3.26	
Oklahoma, Okla.....	57	3		.37	3.52	
Amarillo, Tex.....	52	2		.20	.74	
Abilene, Tex.....	60	4		.49	2.40	
Santa Fe, N. Mex.....	45		1	.21		.14
El Paso, Tex.....	59	0		.21		.21
Phoenix, Ariz.....	65	0		.14		.14
Pacific Coast:						
Seattle, Wash.....	49	2		.84		.47
Tacoma, Wash.....	48	3		.98		.69
Fort Canby, Wash.....	52		1	1.42	.17	
Portland, Oreg.....	51		1	1.10		.77
Roseburg, Oreg.....	51	0		.70		.58
Eureka, Cal.....	52			.63		
Redbluff, Cal.....	61		5	.38		.12
Carson City, Nev.....	46		3	.15		.15
Sacramento, Cal.....	60		4	.26	.38	
San Francisco, Cal.....	59		2	.35		.03
Fresno, Cal.....	62		6	.14	.11	
San Luis Obispo, Cal.....	61		2	.29	.01	
Los Angeles, Cal.....	63	0		.21		.13
San Diego, Cal.....	62	1		.14		.14
Yuma, Ariz.....	68		3	.07		.07

^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 Surgeon-General United States Marine-Hospital Service, June 30, 1899, to November 10, 1899.

[For reports received from January 1 to June 30, 1899, see PUBLIC HEALTH REPORTS for June 30.]

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
India:				
Bombay.....	June 6-Oct. 3.....		18	
Calcutta.....	May 13-Sept. 23.....		282	
Kurrachee.....	Aug. 6-Sept. 30.....	16	19	
Madras.....	May 20-Sept. 1.....		10	
Japan:				
Fukuoka Ken.....	July 26-Aug. 20.....	1		
Kanagawa Ken.....	.....do.....	3		
Miye Ken.....	.....do.....	1		
Osaka and Hiogo.....	June 10-Aug. 26.....	4	3	
Tokyo Fu.....	July 26-Aug. 31.....	31	7	
Yokohama.....	July 16-Aug. 26.....	3	3	
Straits Settlements:				
Singapore.....	Aug. 1-Aug. 31.....		1	
Turkey:				
Bassorah.....	Oct. 16.....		4	Cholera reported.

YELLOW FEVER.

Argentina:				
Buenos Ayres.....	Apr. 1-Apr. 30.....		4	
	June 1-June 30.....		8	
	Aug. 1-Aug. 31.....	1	1	
Brazil:				
Bahia.....	June 3-Aug. 12.....	177	85	
Para.....	June 1-June 30.....		19	
Rio de Janeiro.....	May 19-Aug. 25.....		72	Reported present.
St. Felix.....	June 7.....			
Colombia:				
Barranquilla.....	June 10-June 24.....	2	2	
	Aug. 6-Sept. 16.....	2	2	
Cartagena.....	Aug. 30-Sept. 9.....	2	1	
Colon.....	Aug. 28-Sept. 3.....	1	1	
Panama.....	June 16-Aug. 8.....	88	45	
	Aug. 15-Sept. 19.....	27	9	
Costa Rica:				
Alajuela.....	Aug. 4-Sept. 24.....	60	21	
Heredia.....	.....do.....	1		
Port Limon.....	Aug. 18-Aug. 29.....	2	1	Yellow fever reported.
Punta Arenas.....	Aug. 4.....			
Cuba:				
Cienfuegos.....	July 23-July 29.....	1	1	Doubtful.
Cristo.....	Aug. 13-Aug. 14.....	1		
Daiquiri.....	Aug. 27-Sept. 2.....	1		
Guantanamo.....	Oct. 13.....	1		On ss. Flandria.
Havana.....	June 15-Sept. 30.....	133	42	
	Oct. 1-Oct. 21.....	39	17	
Manzanillo.....	July 2-Oct. 7.....	11	2	
Matanzas.....	June 17-July 27.....	2		1 Doubtful.
	Aug. 6-Aug. 12.....	1	1	
	Oct. 3.....	1		
Nuevitias.....	Sept. 10-Sept. 16.....	1		
Puerto Principe.....	To Aug. 9.....	39	13	
Santiago.....	June 10-Oct. 21.....	225	50	
Sancti Spiritu.....	Aug. 24.....	2		
Curacao.....	Oct. 8-Oct. 14.....	1	1	
Mexico:				
Amealco.....	.....do.....			Yellow fever reported.
Chilpanzingo.....	Sept. 14.....			Yellow fever prevalent.
Cincha.....	Aug. 23.....			Yellow fever reported.

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

YELLOW FEVER—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Mexico—Continued.				
Cordoba.....	June 21.....	23	14	
	May 1—Aug. 26.....		133	
Cosamaloapam.....	Aug. 21.....	1		
Hidalgo.....	Aug. 23.....			Yellow fever reported.
Jalapa.....	Aug. 9.....		5	
Juchitan.....	Aug. 23.....			Do.
Merida.....	July 1.....	1		
Orizaba.....	May 1—July 24.....		11	
	Aug. 29—Sept. 30.....		66	
	Oct. 1—Oct. 10.....	16	25	
Progreso.....	July 25.....	2	1	Do.
San Geronimo.....	Aug. 23.....			Do.
San Juan la Junta.....	Aug. 24.....			Do.
San Lorenzo.....	.....do.....			Do.
Tampico.....	July 1—July 7.....	1	1	
	Sept. 16—Sept. 29.....	4	1	
	Oct. 2.....	7		
Tapona.....	Aug. 23.....			Do.
Tuxpan.....	July 30—Oct. 16.....		68	
Vera Cruz.....	June 15—Oct. 26.....		237	
Victoria.....	Oct. 6.....			Do.
Nicaragua:				
Bluefields.....	Sept. 23—Sept. 30.....		1	
San Salvador:				
San Salvador.....	June 30—Aug. 1.....	3	1	
	Sept. 1.....			Do.

PLAGUE.

Arabia:				
Djiddah.....	June 30.....			Plague reported.
Brazil:				
Santos.....	Oct. 29—Nov. 4.....	18	6	
China:				
Amoy.....	July 1—Aug. 12.....		540	
Hongkong.....	Apr. 11—Sept. 16.....	1,600	1,541	
Fuchau.....	Aug. 5—Aug. 26.....			Do.
Ninchwang.....	Aug. 18.....			Do.
Yingkon.....	.....do.....			Do.
Egypt:				
Alexandria.....	May 4—Sept. 30.....	93	44	
French Ivory Coast Colony:				
Grand Bassam.....	June 7.....	200		
India:				
Bombay, Presidency of: (a)	Sept. 10—Sept. 23.....		8,659	
Ahmednugger District.....	Aug. 5—Aug. 11.....	45	31	Total 1,273 cases; 956 deaths.
Aundh State.....	.....do.....	26	17	Total 1,951 cases; 1,383 deaths.
Belgaum District.....	.....do.....	750	598	Total 29,300 cases; 22,042 d'ths.
Baroda Territory.....	.....do.....	29	19	Total 8,005 cases; 5,982 deaths.
Bijapore District.....	.....do.....	98	82	Total 2,626 cases; 2,130 deaths.
Broach District.....	.....do.....	37	27	Total 1,530 cases; 1,146 deaths.
Cutch State.....	.....do.....	29	27	Total 10,477 cases; 8,634 d'ths.
Dharwar District.....	.....do.....	143	95	Total 33,754 cases; 31,307 d'ths.
Janjira State.....	.....do.....	0	1	Total 413 cases; 269 deaths.
Kaira District.....	.....do.....	58	46	Total 2,069 cases; 1,578 deaths.
Kanara District.....	.....do.....	11	11	Total 433 cases; 311 deaths.
Khandesh District.....	.....do.....	1	0	Total 1,000 cases; 810 deaths.
Kolaba District.....	.....do.....	15	9	Total 2,913 cases; 2,480 deaths.
Kolhapore and Southern Maharatta Country.....	.....do.....	624	500	Total 19,185 cases; 14,408 d'ths.
Kurrachee District.....	.....do.....	1	1	Total 10,684 cases; 8,279 d'ths.
Nasik District.....	.....do.....	470	361	Total 6,573 cases; 5,084 deaths.
Poona District.....	.....do.....	1,400	1,150	Total 20,163 cases; 15,480 d'ths.
Rewa Kantha.....	.....do.....	26	25	Total 442 cases; 341 deaths.
Rutnagherry District.....	.....do.....	18	15	Total 742 cases; 618 deaths.
Satara District.....	.....do.....	228	177	Total 27,087 cases; 21,211 d'ths.
Savanur State.....	.....do.....	1	1	Total 62 cases; 38 deaths.
Sholapore District.....	.....do.....	29	28	Total 4,912 cases; 3,960 deaths.
Surat District.....	.....do.....	61	40	Total 7,947 cases; 5,842 deaths.
Thana District.....	.....do.....	108	86	Total 12,366 cases; 9,794 d'ths.
				Grand total, 220,907 cases; 164,083 deaths.
Bombay.....	May 27—Oct. 3.....		1,154	
Calcutta.....	May 13—Sept. 23.....		500	
Kurrachee.....	Aug. 6—Sept. 30.....	14	15	

a Extract from Indian Times sent by United States consul.

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

PLAGUE—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Japan:				
Kanagawa Ken.....	July 1-July 10...	2	1	
Nagasaki Ken.....	do	2		
Taiwan, Formosa.....	do	14	6	
Tamsui, Formosa.....	Apr. 1-July 26...	1,550	1,236	Total since outbreak, 2,468 cases, 1,866 deaths.
Lorenzo Marquez:				
Lorenzo Marquez.....	Nov. 4.....	3		
Magude.....	Sept. 22.....			Plague reported.
Madagascar:				
Tamatave.....	Sept. 10-Sept. 16...	2	2	
Mauritius:				
.....	May 4-May 31...	1	5	
.....	July 14-July 20...	30	29	
.....	Aug. 10-Aug. 28...	68	42	
Mozambique.....	Aug. 25.....			Do.
Persia:				
Bushire.....	June 8.....			Do.
.....	May 26-June 18...		40	
Portugal:				
Lisbon.....	Aug. 16.....			Do.
Oporto.....	Aug. 16-Oct. 15...	160	55	
Réunion (Isle de).....	July 24.....	1	1	Do.
Russia:				
Kolobovka, Astrakhan.....	Aug. 1-Aug. 10...		21	
St. Petersburg.....	July 23-July 29...	1		
.....	Aug. 6-Aug. 12...	1		
Straits Settlements:				
Penang.....	Jan. 4-July 21...	49	39	
Singapore.....	May 27-June 17...	0	3	
Turkey:				
Bassorah.....	June 19.....	1	1	

SMALLPOX.

Arabia:				
Aden.....	May 1-May 31...		1	
Argentina:				
Bueno Ayres.....	Apr. 1-Aug. 31...		6	
Austria:				
Budapest.....	June 16-June 24...	2		
Belgium:				
Antwerp.....	July 31-Aug. 6...	1		
Ghent.....	June 10-Oct. 16...	26	10	
.....	June 23-July 1...		1	
Brazil:				
Bahia.....	June 3-Sept. 16...	5		
Rio de Janeiro.....	May 19-Aug. 25...	554	316	
Bohemia:				
Prague.....	Aug. 27-Oct. 14...	15		
Canary Islands:				
Santa Cruz de Teneriffe.....	Sept. 17-Sept. 23...		2	
China:				
Fuchau.....	Sept. 16.....			Smallpox reported always prevalent.
Hongkong.....	May 6-June 10...	2	1	
Colombia:				
.....	July 12-July 24...	2		
Panama.....	July 26-Aug. 1...	1	1	
Cuba:				
Casilda.....	Aug. 1-Aug. 31...		1	
Havana.....	June 30-July 6...	5	1	
Sancti Spiritu.....	June 7.....			Reported present.
Santiago.....	July 1-July 8...	1		
Egypt:				
Alexandria.....	Aug. 20-Aug. 26...		1	
Cairo.....	May 20-Aug. 19...		28	
England:				
Liverpool.....	June 10-June 17...		1	
London.....	June 10-Aug. 5...	5	1	
France:				
Nantes.....	June 1-June 30...	1		
Marseilles.....	June 25-July 2...	1		
Paris.....	July 2-July 8...		1	
Germany:				
Dusseldorf.....	Sept. 3-Sept. 9...		1	
Gibraltar.....	June 4-June 21...	1		

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

SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Greece:				
Athens	June 10-Oct. 14...	165	39	
India:				
Bombay	May 27-Oct. 3...		127	
Calcutta	May 13-June 10...		2	
Madras	May 20-Sept. 22...		12	
Japan:				
Tamsui, Formosa	Apr. 1-Aug. 31...	246		
Madagascar:				
Tamatave	Sept. 10-Sept. 16...			Smallpox reported.
Mexico:				
Chihuahua	July 16-Oct. 28...		32	
City of Mexico	June 4-Oct. 7...	105	72	
Cuchio	Sept. 29	25		
Mulette	do	12		
Nuevo Laredo	July 1-Aug. 26...		3	
Ojenesa	Sept. 29	50		
Pilares	do	15		
Progreso	Oct. 7	30		
San Antonio	Sept. 29	20		
San Felipe	Oct. 7	100		
San Francisco	Sept. 29	5		
San Juan	do	100		
Suarez	Oct. 7	40		
Vado de Piedras	Sept. 29	20		
Netherlands:				
Rotterdam	July 15-July 22...	1		
Russia:				
Khabarovsk	Apr. 1-Apr. 30...	1		
Moscow	May 27-Sept. 30...	117	56	
Odessa	June 10-Oct. 7...	47	14	
Riga	June 1-June 30...		22	
St. Petersburg	June 3-Oct. 7...	106	34	
Warsaw	June 3-Sept. 30...		24	
Scotland:				
Glasgow	June 3-June 17...	1	1	
Spain:				
Barcelona	Aug. 1-Aug. 31...		15	
Valencia	Aug. 16-Sept. 15...	5	1	
Straits Settlements:				
Singapore	Apr. 1-Sept. 23...		39	
Turkey:				
Beirut	June 27-July 1...	1		
Erzeroum	July 8-Sept. 30...	20	1	
Smyrna	May 27-Oct. 15...		12	
Uruguay:				
Montevideo	May 27-July 30...	2		

SANITARY REPORTS FROM THE CENTRAL AMERICAN AND COLOMBIAN FRUIT PORTS.

COLOMBIA.

*Reports from Bocas del Toro.*BOCAS DEL TORO, COLOMBIA, *October 24, 1899.*

SIR: I have the honor to submit report for the week ended Saturday, October 21, 1899.

The following vessels have been inspected and cleared during the week: October 15, steamship *Espana*, Danielson, 14 crew, no passengers, for Mobile; steamship *Habil*, Gudmundsen, 16 crew, 1 passenger, for Mobile. October 18, steamship *Baracoa*, Liothum, 15 crew, 1 passenger, for New Orleans; steamship *Kitty*, Olsen, 19 crew, no passengers, for Mobile. October 21, steamship John Wilson, Olsen, 18 crew, 13 passengers, for Mobile.

The health of this port and vicinity is very satisfactory. The drought and extreme heat have been relieved by copious daily showers and cool winds. Local physicians report very little malarial fever. Deaths have been reported to me as follows: One native, male, senile decay; 1 negro, infant, marasmus; 1 white, male, morphine poisoning; 1 negro, male, asthma with dilatation of the heart.

Respectfully,

HERMAN B. MOHR,

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

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

BOCAS DEL TORO, COLOMBIA, *October 29, 1899.*

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

The following have been inspected and cleared during the week: October 22, steamship *Utstein*, Aarswold, 17 crew, 1 passenger, for Mobile. October 25, steamship *Yumuri*, Boe, 16 crew, 2 passengers, for Mobile. October 26, steamship *Dudley*, Eriksen, 20 crew, 2 passengers, for Mobile. October 27, *Iberia*, Jakobsen, 14 crew, 2 passengers, for New Orleans.

The health and sanitary conditions here are very good. Malarial fevers are on the decrease, and there are no other diseases prevalent. The weather conditions are fine, and the supply of drinking water is bountiful and pure. No deaths have come to my knowledge during the week.

Respectfully,

HERMAN B. MOHR,

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

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

COSTA RICA.

Report from Port Limon.

PORT LIMON, COSTA RICA, *October 27, 1899.*

SIR: I have the honor to submit herewith report for the week ended October 26, 1899. The following vessels have cleared for ports in the United States during said week:

October 20, steamship *Simon Dumois*, Nieuwejaar, master; crew, 13; cabin passenger, 1; cleared for New Orleans direct. October 22, steamship *Holstein*, Jardin, master; crew, 21; passengers, none; cleared for New Orleans direct. October 23, steamship *Adirondack*, Owen, master; crew, 39; passengers, 5; cleared for New York, N. Y.

Two deaths have occurred in this port during the past week, respectively due to "convulsions" and "heart disease." No contagious or infectious diseases are in the port or "Department of Limon." One white male, with malarial fever, and 2 colored males, surgical cases, total 3, include all in the Costa Rica Railroad Hospital (Port Limon).

Three white and 3 colored males are in the Port Limon Charity Hospital, 1 white male with malarial anæmia and ascites, and 2 white males with relapses of malarial fever, now convalescing; 3 colored males, 1 with an incised wound, 1 with chronic nephritis, and 1 with hemiplegia.

Respectfully,

WM. H. CARSON,

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

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

GUATEMALA.

*Report from Livingston.*LIVINGSTON, GUATEMALA, *October 26, 1899.*

SIR: I have the honor to report extremely little sickness in this port and vicinity. No death since my last report. We have had delightful weather for a week, the thermometer registering at the highest about 83° F.

The following vessels in port this week :

Date.	Vessel.	Master.	No. of passengers.	Crew.	Destination.
Oct. 23...	Costarican	Kelly.....	1	43	Galveston, Tex.
Oct. 24...	Managua.....	Gundersen..	0	17	Mobile, Ala., via Belize.
Oct. 26...	Breakwater	Rivera.....	3	34	New Orleans via Belize.

Respectfully,

NORWOOD K. VANCE,

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

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

HONDURAS.

*Report from La Ceiba.*LA CEIBA, HONDURAS, *October 22, 1899.*

SIR: I have the honor to report for the current week a satisfactory condition of public health, both in this port and its environment. A trip to Truxillo, from which I have just returned, shows a like exposition there. There has been 1 death reported here for the week; male adult; cause, phthisis pulmonalis. The weather was fair the earlier part of the week; at present writing, rainy and threatening a storm. Inspection list herewith inclosed.

List of vessels inspected week ended October 21, 1899.—October 18, steamer *Alliance*, Norwegian, Nielson master, crew 17, Charleston, S. C., no passengers.

October 20, steamer *Joe Oteri*, American, New Orleans, Hanteman master, crew 18, no passengers.

Respectfully,

WM. D. HAMILTON,

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

THE SURGEON-GENERAL,

*U. S. Marine-Hospital Service.**Report from Puerto Cortez.*PUERTO CORTEZ, HONDURAS, *October 25, 1899.*

SIR: For the past week I have the honor to report a marked increase in number and gravity of malarial fevers, owing doubtless to the "rainy season" which is prevailing with the utmost violence. No deaths, however, have come to my knowledge since the last report, and no suspicion of contagion or infection.

I have certified since last report steamship *Bergen*, Hendrickson, 26 men, Havana, cattle; steamship *Jamaica*, Petersen, 18 crew, Havana,

cattle; steamship *Senior*, Petersen, 19 crew, Havana, cattle; steamship *Uto*, Anderson, 22 crew, 5 passengers, Havana, cattle; steamship *Breakwater*, Rivera, 30 men, 5 passengers, New Orleans, fruit and mail; steamship *Bergerson*, Bentzen, 15 crew, Mobile, fruit.

Respectfully,

L. A. WAILES, M. D.,

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

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

NICARAGUA.

Report from Bluefields.

BLUEFIELDS, NICARAGUA, *October 26, 1899.*

SIR: I have the honor to submit my weekly report as follows: One steamship, *The Hiram*, for New Orleans, with 7 passengers, has been inspected and cleared. The official records show for the last week 2 deaths in Bluefields, adults, and both of pulmonary tuberculosis. Nothing has occurred to change the usual healthy condition of this port and contiguous country.

Respectfully,

D. W. GOODMAN,

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

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

SANITARY REPORTS FROM OTHER PORTS.

AFRICA.

Recurrence of plague on the French Ivory Coast.

MONROVIA, LIBERIA, *September 16, 1899.*

SIR: I have the honor to transmit to your excellency the intelligence that I am reliably informed that the bubonic, or similar plague, has recently recurred on the French Ivory Coast, east of Liberia.

The Freetown, Sierra Leone, board of health has recently served notice upon the Liberian authorities that unless they quarantine (fifteen days) against steamers from the Ivory Coast ports that the Freetown board of health would quarantine against steamers from Liberian ports.

I have the honor to be, your obedient servant,

OWEN L. W. SMITH,

Minister Resident and Consul-General.

HON. SECRETARY OF STATE.

Disease at Magude declared not plague.

LORENZO MARQUEZ, *September 11, 1899.*

SIR: Referring to my dispatch No. 80 of August 24, 1899, relating to the rumored outbreak of the plague, I now have the honor to advise the Department that the unknown epidemic at Magude has been stamped out.

There are, of course, many people here who still believe that it was the plague, but as they knew absolutely nothing about it, their opinions do not count for much.

An expert upon the plague, a Dr. Hornabrook, has lately arrived in southeast Africa, and at the request of the Portuguese Government he visited the infected region and has reported that, as far as he can ascertain, there has been no plague in Marraquene or in Magude.

The nature of the disease from which so many Kaffirs died is still a mystery; but it might have been caused by poison prepared by some witch doctor, or by eating the flesh of animals that had died from rindepest.

I inclose herewith copies of the translations of two dispatches relating to this subject that I have received from the secretary-general.

It will be noted that the existence of the plague is denied in strong terms.

I have the honor to be, sir,

W. STANLEY HOLLIS,
United States Consul.

Hon. ASSISTANT SECRETARY OF STATE.

[Inclosure No. 1.]

LORENZO MARQUEZ, *September 9, 1899.*

ILLUSTRIOUS AND EXCELLENT SIR: His excellency counsellor governor-general has instructed me to communicate to your excellency that the epidemic in Magude can be considered conquered, because since eight days there has not appeared in the hospital or in the villages attacked any suspicious case whatever. The number of deaths verified by the doctors was but 6, having previously had some more without diagnosis.

In Manaquene there is down in the hospital 1 soldier exhibiting such symptoms that he may be suspected to have been attacked with the same disease, but this is completely isolated upon a distant island, and since eight days has been steadily getting better, his actual condition being satisfactory.

The utmost precautions continue to be taken by all the authorities as much as the isolation of the villages in which the sickness appeared—precautions that will be terminated only sixty days after the last case has been had in the region of Magude.

God guard your excellency.

ANTONIO DE LOURA RIBERIO,
Secretary-General.

[Inclosure No. 2.]

LORENZO MARQUEZ, *September 11, 1899.*

ILLUSTRIOUS AND EXCELLENT SIR: In consequence of orders received from his excellency counsellor governor-general, I have the satisfaction of communicating to your excellency that the sick man at Manaquene, to which some South African newspapers have referred, was not without the least doubt attacked with the plague, as proved by the diagnosis of Dr. Hornabrook who made an examination, having gone expressly to that locality for such purpose. In Magude the epidemic can be considered extinct, seeing that after the declaration of the doctors, eleven days ago, no case has appeared. The notices, through malevolence or inconsideration, that have circulated are entirely without foundation, and there is not the slightest reason for thinking that an epidemic of any sort will follow in the province of Mozambique.

God guard your excellency.

ANTONIO DE LOURA RIBERIO,
Secretary-General.

Mysterious disease again appears at Magude.

LORENZO MARQUEZ, *September 18, 1899.*

SIR: Referring to my dispatch No. 86, of the 11th instant, I have the honor to report that the mysterious disease has again broken out among the natives at Magude.

Inclosed I have the honor to transmit a copy of my translation of a communication that I have just received from this Government.

To expedite matters I have telegraphed the gist of the news conveyed in the inclosed letter to Consul-General Stowe at Cape Town and have

asked him to write the same to you by the mail leaving Cape Town on Wednesday, the 20th instant.

A Portuguese doctor, an old friend of mine, has just informed me that Dr. Hornabrook has not yet discovered in Magude, or in Marraguene, the characteristic germ of the plague.

Respectfully,

W. STANLEY HOLLIS,
United States Consul.

HON. ASSISTANT SECRETARY OF STATE.

[Inclosure—Translation.]

LORENZO MARQUEZ, *September 18, 1899.*

ILLUSTRIOUS AND EXCELLENT SIR: I have the honor to communicate to your excellency, by order of his excellency the governor-general of the Province, that the epidemic which it was supposed was extinct, inasmuch as no case had appeared since the 30th of last month, has reappeared in Magude.

The individuals attacked are isolated, all the inhabitants of the village are in quarantine, and all their houses, clothes, and other susceptible substances have been burned.

By such means the epidemic is localized, and more precautions will be taken to prevent the spread of the disease.

The cases reported are in Uanhana and Chibanga, county of Magude. God guard your excellency.

ANTONIO DE LOUBA RIBERIO,
Secretary-General.

ILLUSTRIOUS AND EXCELLENT SENOR,
The Consul of the United States of America.

Disease at Magude thought to be plague.

LORENZO MARQUEZ, *September 23, 1899.*

SIR: Referring to my dispatch No. 87, of the 18th instant, I have the honor to report that yesterday I had a long talk with Dr. Barreiros, the chief of the military and civil hospital here, and was informed by him that, in his opinion, the disease in Magude was plague.

In reply to my questions, he said that he had not himself seen the disease in Magude; that Dr. Hornabrook had not seen the disease in Magude; that no microscopical examination had been made of any blood, lymph, or other secretions from any patient, and, further, that there was not in Portuguese East Africa the necessary instruments for or a man competent to make a microscopical search for plague germs. Thus, with Dr. Barreiros, it is a matter of opinion. He has never seen an authenticated case of the plague, but he has read of the symptoms, and the symptoms of the disease in Magude are, in his opinion, identical with those of the plague. So here the matter lies. Dr. Barreiros says that there is plague; the governor-general says that there is no plague. Whatever it is, Magude is a long distance off, and Lorenzo Marquez is undoubtedly free from any suspicious disease.

Respectfully,

W. STANLEY HOLLIS,
United States Consul.

HON. ASSISTANT SECRETARY OF STATE.

BARBADOS.

Quarantine information.

BARBADOS, *October 28, 1899.*

SIR: I have to report that this government has declared Alexandria, Bombay, Calcutta, Hongkong, Mauritius, Oporto, Santos, and the State of Paraguay, to be infected with bubonic plague; St. Thomas has

established a quarantine of five days against Key West for yellow fever; and Grenada quarantines Santos.

I shall be glad to receive from you by mail to arrive here on November 25, any information which ought to be embodied in my regular report to be made on that day.

Respectfully,

JAS. SANDERSON,
Clerk, Quarantine Board.

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

BRAZIL.

Quarantine of arrivals from Portuguese ports.

Quarantine in Brazil.—Consul Furniss, of Bahia, on September 12, 1899, writes:

The Brazilian Government has instituted at this port, in conjunction with the other ports of Brazil, a strict quarantine for the prevention of the introduction of the bubonic plague by ships proceeding from Portuguese ports. To establish the quarantine at this port, the cruiser *Tupey* has been sent here and is now at anchor in the Brazilian man-of-war anchorage, shown on all charts of this harbor. All vessels entering the harbor are required to display signals showing port of departure and call and to answer any signals displayed by the *Tupey* before proceeding to the anchorage, otherwise they will be fired at by blank shot, to be followed by ball, provided they do not heave to. At night it is not advisable for vessels to come farther into the harbor than midway between the Fort Sao Maria and Fort Sao Marcello do Mar Lights.

CUBA.

Reports from Cienfuegos, Tunas de Zaza, Santa Cruz, and Casilda.

CIENFUEGOS, CUBA, *October 30, 1899.*

SIR: I have the honor to report that during the week ended October 28, 1899, 27 deaths have occurred in this city, 4 from malaria, 7 from intestinal diseases, and 4 from tuberculosis. No contagious diseases reported in this vicinity. Death rate for the week is 35.19.

No alien steerage passengers were admitted at this port during the week. Inspected 12 vessels on arrival and 9 on departure during the week.

Tunas de Zaza.—Dr. Francisco Ravella reports 11 deaths during the week, 2 from malaria and 3 from intestinal diseases. No contagious diseases reported in his vicinity. Six vessels inspected during the week.

Santa Cruz.—Dr. Juan R. Xiques reports 1 death during the week; no contagious diseases. Inspected 9 vessels during the week.

Casilda.—Dr. Alejandro Cantero; reports not received on account of stormy weather.

Respectfully,

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

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

Report from Havana.

HAVANA, CUBA, *October 26, 1899.*

SIR: I have the honor to report a decided increase of yellow fever in Havana during the past week.

Twenty-four cases and 8 deaths were officially reported. The cases came from various parts of the city, showing that infection is still widespread.

All the new cases were in civilians, and most of them newly arrived Spaniards, some of whom had been here a very short time—one man but eight days; two, ten days; one, thirteen days; another, fifteen days; and several but one or two months—again indicating that it is largely the Spanish immigration which feeds the fever flame of this city.

Of the 24 new cases, 4 were Americans, 1 a German, and 1 a Swiss; the remaining 18 were Spaniards.

Of particular interest is the case of Francisco Tejada Garcia, 31 years old, born in Saragossa, Spain. He arrived here on the steamship *Reina Maria Cristina* November 3, 1889. He lived in and about Havana all the time; engaged as a servant, cab and coach driver, and waiter. Between 1887 and 1893 he was stationed in Havana on garrison duty in Simanca's battalion No. 64. Garcia was taken sick Monday, November 9 with yellow fever and had a characteristic attack, from which he is now convalescent.

It will, therefore, be seen that this man lived in a yellow-fever infected district just one month short of ten years before taking the disease.

Several of the new cases this week came from the harbor.

The *Protector* disinfected 9 vessels, 2 of them passenger steamers.

The usual mortality table for the week is appended.

Respectfully,

M. J. ROSENAU,

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

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

[Inclosure.]

Mortality report of the city of Havana for the week ended October 21, 1899.

Causes of death.	October—							Total.
	15	16	17	18	19	20	21	
Tuberculosis.....	2	3	1	2	2	3	3	16
Yellow fever.....	0	1	3	1	1	0	2	8
Enteritis.....	3	1	2	0	1	3	3	13
Paludal.....	1	1	2	0	3	2	0	9
Pneumonia.....	1	0	0	0	0	0	0	1
Dysentery.....	0	1	0	0	0	0	0	1
Typhoid.....	0	0	1	0	0	0	0	1
Glanders.....	0	0	0	1	0	0	0	1
All causes.....	15	21	24	13	13	18	13	117
Total deaths.....	22	28	33	17	20	31	21	167

Reports from Matanzas, Cardenas, Isabela de Sagua, and Caibarien.

MATANZAS, CUBA, *October 24, 1899.*

SIR: I have the honor to submit the following sanitary report of the quarantine district under my command for the week ended October 21, 1899:

Matanzas.—Thirteen deaths occurred in the city of Matanzas during the period covered by this report, showing a mortality of 16.95 per

thousand. This mortality is unprecedentedly low, and goes to show that the health and sanitary condition of the city is excellent. The principal causes of death were as follows: Enteritis, 2; tuberculosis, 4; heart disease, 1; malarial fever, 1; epithelial cancer, 2; other causes, 3. The following cases of an infectious character were reported: Diphtheria, 1; yellow fever, 1. Twenty-five vessels were inspected on arrival; 3 of these were foreign and 22 were coasting vessels. Three bills of health were issued to foreign vessels and 18 certificates of inspection to coasting vessels. One health certificate was issued to a person leaving the island. Two pieces of baggage were disinfected.

Cardenas.—Act. Asst. Surg. Enrique Saez reports 21 deaths in Cardenas during the week, all from general diseases. No cases of a particularly infectious or contagious character were reported. Nine coasting vessels were inspected on arrival.

Isabela de Sagua.—Eleven deaths occurred in the municipal district of Sagua la Grande from October 13 to 19, 1899, all from general diseases. No cases of a particularly infectious or contagious character were reported. Eleven coasting and 2 foreign vessels were inspected and passed. Two bills of health were issued to foreign vessels and 11 certificates of inspection to coasting vessels.

Cuibarien.—Act. Asst. Surg. Bernardo Escobar reports that during the week 3 deaths occurred and no cases of an infectious or contagious character were reported, and that the sanitary condition of the city and vicinity is excellent. Two foreign and 6 coasting vessels were inspected and passed on arrival. Two bills of health were issued to foreign vessels and 6 certificates of inspection to coasting vessels.

Respectfully,

FELIX GARCIA,

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

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

MATANZAS, CUBA, November 1, 1899.

SIR: I have the honor to submit the following sanitary report of the quarantine district under my command for the week ended October 28, 1899:

Matanzas.—Seventeen deaths occurred in the city of Matanzas during the period covered by this report, showing a mortality of 22.19 per thousand. The principal causes of deaths were as follows: Enteritis, 3; malaria, 5; typhoid fever, 2; tuberculosis, 2; heart disease, 1; other causes, 4. The following cases of an infectious character were reported: Diphtheria, 2; typhoid fever, 1. Three foreign vessels were inspected on arrival. Three bills of health were issued to foreign vessels. Six health certificates issued to persons leaving the island. Thirty-eight pieces of baggage were disinfected, 2 by the request of the military authority.

Cardenas.—Act. Asst. Surg. Enrique Saez reports 9 deaths in Cardenas during the week, all from general diseases. No cases of a particularly infectious or contagious character were reported. Eight vessels were inspected on arrival. Five of these were coasting vessels and 3 foreign vessels. Four bills of health issued.

Isabela de Sagua.—Act. Asst. Surg. Pedro Garcia Riera reports that 7 deaths occurred in the municipal district of Sagua la Grande from October 20 to 27, 1899, all from general diseases. Six coasting vessels and 2 foreign vessels were inspected on arrival, 1 bill of health issued to foreign vessels, and 3 certificates of inspection to coasting vessels.

Caibarien.—Act. Asst. Surg. Bernardo Escobar reports that 3 deaths occurred in the municipal district of Caibarien during the week all from general diseases. No cases of an infectious or contagious character were reported. One foreign and 5 coasting vessels were inspected on arrival. One bill of health was issued to a foreign vessel and 5 certificates of inspection to coasting vessels.

Respectfully,
 FELIX GARCIA,
Acting Assistant Surgeon, U. S. M. H. S.
 The SURGEON GENERAL,
U. S. Marine-Hospital Service.

Reports from Nuevitas.

NUEVITAS, CUBA, *October 23, 1899.*

SIR: I have the honor to submit the following report for the week ended Saturday, October 21, 1899:

Nine vessels arrived and 9 bills of health were issued at this port during the week.

On October 16, U. S. transport *McPherson* left this port with a home battalion of the Fifteenth Infantry, consisting of 74 men under the command of 1 officer. These soldiers came from the United States camps near Principe and at Nuevitas, and no disinfection of their effects was done, since both localities are clean.

On Friday, October 20, schooner *Anita*, a small vessel of 30 gross tons, arrived from Matanzas and Sagua la Grande, 11 days from last port. While at Sagua the owner of the boat, a Spaniard, was taken ashore sick, and died of what was diagnosed "pernicious fever." Before permitting this vessel to discharge, or to hold any communication with the shore, her cabin and all bedding was disinfected for twenty-four hours with formaldehyd.

There has been no yellow fever reported at Puerto Principe since September 3, and save for the one case (my own) of September 16, at this port, not a case has been reported from the ports in this district.

The mortality report for the week is inclosed.

Respectfully, yours,
 T. F. RICHARDSON,
Assistant Surgeon, U. S. M. H. S., In Command.
 The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

[Inclosure.]

Mortality report for the week ended October 21, 1899.

NUEVITAS, CUBA, *October 21, 1899.*

Date.	Diseases.	Number.	Remarks.
Oct. 16	Cerebral congestion	1	
Oct. 19	Consumption	1	
Oct. 20	Nonviability	1	
	Total	3	

J. R. ARIZA,
Acting Assistant Surgeon, U. S. M. H. S.

NUEVITAS, CUBA, *October 30, 1899.*

SIR: I have the honor to submit the following report for the week ended Saturday, October 28, 1899:

The weather during the entire period has been exceedingly stormy, and only 3 vessels have arrived.

It is learned, unofficially, that the quarantine between the city of Principe and the United States camp near that place, maintained by the Army, has been removed, though no official notification of the fact has as yet been received by me.

The mortality report for the week is inclosed.

Respectfully, yours,

T. F. RICHARDSON,
Assistant Surgeon, U. S. M. H. S.

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

[Inclosure.]

NUEVITAS, CUBA, *October 28, 1899.*

Mortality report for the week ended October 28, 1899.—October 22, cerebral hæmorrhage. This case was a sailor, 88 years old, taken suddenly sick aboard the schooner *Gabriel Suarez*, landed October 22, and died the same day.

J. R. ARIZA,
Acting Assistant Surgeon, U. S. M. H. S.

Reports from Santiago, Manzanillo, Guantanamo, and Daiquiri.

SANTIAGO DE CUBA, *October 25, 1899.*

SIR: I have the honor to make the following report of the sanitary condition of the Fourth district of the island of Cuba for the week ended October 21, 1899:

Santiago.—In the civil population there was a total of 22 deaths, an increase of seven over the previous week. The principal causes of death were as follows:

Tuberculosis.....	1
Tetanus.....	2
Malaria.....	4
Intestinal diseases.....	4
Heart disease.....	4
Pneumonia.....	2
Other causes.....	5
Total.....	22

Population, 34,000; mortality, 33.6.

The fall rainy season has set in; in consequence the weather is much cooler and the sanitary condition of the city apparently good, and as to superficial cleaning, is excellent.

Yellow fever, after three weeks absence, has reappeared; during the week there have been 4 cases with 1 death. The condition now is about what actually exists throughout the year.

The Danish steamship *Flandria* returned to this port on Tuesday for re-disinfection. All hands were well on board; after disinfection the vessel was detained until Friday, making seven days since the last case appeared on board and four since disinfection. The vessel proceeded to Mobile with recommendations to the quarantine officer at that port that she be re-disinfected.

Manzanillo.—There was a total of four deaths in the city for this

period, an increase of 1 over the preceding week. The causes of death were as follows :

Malaria.....	1
Peritonitis	1
Diphtheria.....	1
Intestinal disease	1
Total.....	4

The town is again free from yellow fever ; indeed there was considerable doubt as to the genuineness of the recently reported case.

Guantanamo.—The sanitary condition for this period is good ; there were 7 deaths reported as follows :

Tuberculosis.....	2
Malaria.....	1
Intestinal disease.....	1
Other causes.....	3
Total.....	7

The case of yellow fever taken from the Danish steamship *Flandria* is convalescent.

Daiquiri.—Nothing of interest reported.

Respectfully,

HERMAN B. PARKER,
Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

Case of yellow fever on the steamship Highfield at Santiago.

SANTIAGO DE CUBA, *October 26, 1899.*

SIR : I have the honor to inform you that the British steamship *Highfield* arrived at this port from Havana October 25, 1899, with all hands apparently well on board ; that night the first officer was taken sick. The next morning his condition was diagnosed as yellow fever, and he was removed to the yellow fever hospital.

The ship was thoroughly disinfected, and is now detained in quarantine to complete the period of detention.

This man claims not to have been ashore in Havana, making 2 ships recently from that port with infection on board without having communication with the shore, but lying in infected areas.

Respectfully,

HERMAN B. PARKER,
Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

FRANCE.

Yellow fever on the steamship Navarre at Nantes.

DEPARTMENT OF STATE,
Washington, D. C., October 31, 1899.

SIR : I have the honor to inform you that the Department is in receipt of a telegram from the consul of the United States at Nantes, France, which reads as follows : "Two deaths yellow on *Navarre* from Vera Cruz. Ship quarantined at Saint Nazaire."

Respectfully,

DAVID J. HILL,
Acting Secretary.

HON. SECRETARY OF THE TREASURY.

GIBRALTAR.

Madeira exempt from quarantine restrictions imposed on arrivals from Portuguese ports.

GIBRALTAR, October 16, 1899.

Notice.—With reference to the second resolution of the board of health, published on the 26th of August last, it has been decided to exempt Madeira from the quarantine restrictions imposed on arrivals from Portuguese ports.

By order:

JOHN C. KING,
Secretary to the Board of Health.

ITALY.

Report from Naples.

NAPLES, ITALY, October 19, 1899.

SIR: I have the honor to report that for the week ended October 25, 1899, bills of health were issued to the following ships:

On October 19, the steamship *Sicilia* bound with cargo for New York. On October 20, the steamship *Kaiser Wilhelm II*, of the North German Lloyd Steamship Company, bound with passengers and cargo for New York. There were inspected and passed 719 steerage and 104 cabin passengers, and 864 pieces of small and 281 pieces of large baggage.

On October 21, to the steamship *Lobelia* bound in sand ballast for Mobile, Ala.

Respectfully,

VICTOR G. HEISER,
Assistant Surgeon, U. S. M. H. S.

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

MADAGASCAR.

Quarantine at Tamatave.

TAMATAVE, MADAGASCAR, September 18, 1899.

SIR: I have the honor to report to the Department that quarantine has been established here since the 16th instant. But my information is to the effect that it is more the result of friction between the local board of health at Tamatave and the colonial board of health at the capital, Tananarive, than any serious renewal of the bubonic plague. There have been only a few isolated cases since the raising of the quarantine on March 2 last. Therefore I do not think it of sufficient importance to go to the expense of a cablegram. However, should it increase in virulence before the Department shall have received this dispatch, it will have been apprised by cable. Meanwhile, reports will be sent pursuant to Department circular dated October 31, 1898.

Respectfully,

M. W. GIBBS,
United States Consul.

HON. ASSISTANT SECRETARY OF STATE.

MAURITIUS.

*Plague and its management.*PORT LOUIS, MAURITIUS, *September 14, 1899.*

SIR: Hitherto in my various reports upon the introduction and spread of bubonic plague in Mauritius, I have frequently alluded to the anomalous methods adopted by the colonial authorities in their efforts to stamp out this terrible malady. So far, I have not been mistaken in my impressions.

Grave contentions in the counsel of government and the different opinions held by the members of the board of health have finally led up to the epidemic character of the disease, until it has now gone far beyond the control of either of these bodies. Notwithstanding the establishment of numerous health bureaus, a great increase in the official staff of the health department, and the immense sums of money disbursed, all seem to be of no avail, as the mortality and the number of plague cases increase daily.

The inclosures transmitted with this dispatch will give the Department some idea of the existing state of affairs here regarding the sanitary condition of the colony and the supernatural and other means now resorted to in order to cure the victims. It appears strange how such methods on the eve of the twentieth century can be entertained in a Christian land.

Respectfully,

JOHN P. CAMPBELL,
United States Consul.

Hon. ASSISTANT SECRETARY OF STATE.

MEXICO.

*Reports from the City of Mexico, Monterey, and San Luis Potosi.*CITY OF MEXICO, MEXICO, *October 24, 1899.*

SIR: I have the honor to make my weekly report as follows: At the City of Mexico, for the week ended October 23, 116 passengers were inspected, 109 passed, and 7 detained and baggage (14 pieces) disinfected. For the same period 2 carloads and 108 barrels of oranges from Yantepec were passed. At Monterey for the week ended October 21, 103 passengers were inspected and passed. At San Luis Potosi for the week ended October 21, 10 passengers were inspected and passed. The health of the city of Monterey still remains good, and all reports indicate a general subsidence of the yellow fever in Mexico for this season.

Respectfully,

L. E. COFER,
*Assistant Surgeon, U. S. M. H. S.*The SURGEON-GENERAL,
*U. S. Marine-Hospital Service.**Report from Vera Cruz—Peculiar disease in Orizaba.*VERA CRUZ, MEXICO, *October 28, 1899.*

SIR: I have the honor to make the following report for the week ended October 26: Cases of yellow fever, 7; deaths from yellow fever, 4; deaths from pernicious fever, 2; from remittent, 1; from tuberculosis, 7; total mortality from all causes, 36.

Have inspected and issued bills of health to 14 vessels and issued certificates to 162 passengers for United States and Cuban ports during

past two weeks. From many sources I have heard of a peculiar disease in Orizaba. Some of the physicians there have diagnosed it yellow, while others have called it typhus fever, but the general opinion seems to be that it is neither one nor the other. The mortality is high, about 90 per cent. Dr. Manuel Iglesias, a member of the Vera Cruz board of health, and who is a yellow fever expert, has gone to Orizaba to investigate the disease, but has not yet made his report. I will wire you the result of the investigation if it is necessary.

Respectfully,

SAML. H. HODGSON,

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

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

FOREIGN STATISTICAL REPORTS.

CANADA—Manitoba—Winnipeg.—Month of October, 1899. Estimated population, 45,000. Number of deaths not reported. Six deaths from enteric fever reported.

Province of Quebec—Sherbrooke.—Month of October, 1899. Estimated population, 10,760. Total number of deaths, 20. No contagious diseases reported.

DUTCH GUIANA—Paramaribo.—Month of August, 1899. Estimated population, 30,567. Total number of deaths, 70. No contagious diseases reported.

GREAT BRITAIN—England and Wales.—The deaths registered in 33 great towns in England and Wales during the week ended October 21, 1899, correspond to an annual rate of 19.0 a thousand of the aggregate population, which is estimated at 11,404,408. The highest rate was recorded in Liverpool, viz, 28.4, and the lowest in Croydon, viz, 9.8.

London.—One thousand five hundred and sixty-seven deaths were registered during the week, including measles, 26; scarlet fever, 6; diphtheria, 60; whooping cough, 6; enteric fever, 15, and diarrhea and dysentery, 25. The deaths from all causes correspond to an annual rate of 18.0 a thousand. In Greater London 2,049 deaths were registered, corresponding to an annual rate of 16.4 a thousand of the population. In the "outer ring" the deaths included 10 from diphtheria, 7 from measles, 2 from scarlet fever, and 4 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended October 21, 1899, in the 22 principal town districts of Ireland was 26.8 a thousand of the population, which is estimated at 1,053,188. The lowest rate was recorded in Carrickfergus and Queenstown, viz, 0.0, and the highest in Wexford, viz, 54.2 a thousand. In Dublin and suburbs 250 deaths were registered, including diphtheria, 2; enteric fever, 4; scarlet fever, 1, and 1 from whooping cough.

Scotland.—The deaths registered in 8 principal towns during the week ended October 21, 1899, correspond to an annual rate of 17.3 a thousand of the population, which is estimated at 1,587,414. The

lowest mortality was recorded in Dundee, viz, 13.8, and the highest in Glasgow, viz, 18.8 a thousand. The aggregate number of deaths registered from all causes was 527, including diphtheria, 4; measles, 13; scarlet fever, 6, and whooping cough, 3.

JAPAN—Formosa—Tamsui.—Month of July, 1899. Estimated population, 2,797,543. Total number of deaths not reported. One death from enteric fever, and 51 deaths from plague reported.

Month of August, 1899. Number of deaths not reported. Five deaths from enteric fever, 1 death from smallpox, and 14 deaths from plague reported.

MALTA.—Two weeks ended September 30, 1899. Estimated population, 180,328. Total number of deaths, 171, including 4 from enteric fever.

MOROCCO—Tangier.—Two weeks ended October 14, 1899. Estimated population, 30,000. Number of deaths not reported. General health is good.

NEW BRUNSWICK—St. John.—Year ended November 1, 1899. Estimated population, 45,000. Total number of deaths, 743, including diphtheria, 13; enteric fever, 5; measles, 4; whooping cough, 6, and 110 from phthisis pulmonalis.

PARAGUAY—Asuncion.—Three weeks ended September 14, 1899. Estimated population, 45,000. Total number of deaths, 83, including enteric fever, 2, and 1 from leprosy.

There has been an outbreak among the natives of a disease which is termed "infectious fever." As it makes its appearance with boils, it was at first thought to be bubonic plague. The death rate is very small. The results of bacteriological examination have not yet been made known.

SWITZERLAND—Berne.—Month of July, 1899. Estimated population, 55,000. Total number of deaths, 123, including diphtheria, 2; whooping cough, 1, and 14 from phthisis pulmonalis.

WEST INDIES—St. Thomas.—Three months ended August 31, 1899. Estimated population, 14,007. Total number of deaths, 270, including scarlet fever, 1, and 12 from phthisis pulmonalis.

MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—												
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.		
St. Thomas, West Indies	Sept. 29	13, 019	10													
Sheffield	Oct. 14	362, 623	136							6	2	10	2		1	
Do	Oct. 21	362, 623	143							9	1	14	5			
Singapore	Sept. 23	97, 111	132	28				1								
Smyrna	Oct. 15	300, 050	38					1								
Southampton	Oct. 21	103, 168	37							2						
South Shields	Oct. 14	102, 312	40							3						
Do	Oct. 21	102, 312	33							1	1					
Sunderland	do	145, 613	56							1	1					
Tampico	Oct. 13	12, 000	12													
Do	Oct. 20	12, 000	14													
Teneriffe	Oct. 14	33, 425	9									1				1
Tuxpan	Oct. 23	10, 000	9													
Utila	Oct. 21	800	0													
Venice	Oct. 14	172, 228	65							2		2				
Vera Cruz	Oct. 26	25, 000	36	7			4									
Warsaw	Oct. 14	601, 408	311					3	4	1	12	2	19			2
Windsor, Nova Scotia	Oct. 28	3, 000	0													
Winnipeg	do	45, 000							2							

By authority of the Secretary of the Treasury :

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