

# PUBLIC HEALTH REPORTS.

## UNITED STATES.

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

### *Inspection service at Eastport, Me.*

EASTPORT, ME., *January 23, 1902.*

SIR: I beg to submit the following report of work done at this inspection station during the week ended Thursday, January 23, 1902:

*Vessels inspected.*

Date.	Vessel.	From.	For.	Crew.	Passengers.	
					For East-port.	In trans-it.
Jan. 21	Ss. St. Croix.....	Boston and Portland..	Eastport and St. John, New Brunswick.	61	32	35
Jan. 22	Ss. Aurora.....	St. John, New Brunswick.	Eastport and Grand Manan, New Brunswick.	8	.....	1
Jan. 23	Ss. St. Croix.....	do.....	Eastport, Portland, and Boston.	61	8	38

I learn of a case of smallpox at Lynnfield, New Brunswick, about 12 miles above St. Stephen, New Brunswick. I have had 2 suspects under observation here, but nothing developed in either case. The situation in St. John, New Brunswick, continues to improve.

Respectfully,

EDWARD M. SMALL,  
*Acting Assistant Surgeon, U. S. M. H. S.*

EASTPORT, ME., *January 30, 1902.*

SIR: I beg to submit the following report of work done at this inspection station during the week ended January 30, 1902:

*Vessels inspected.*

Date.	Vessel.	From.	For.	Crew.	Passengers.	
					For East-port.	In trans-it.
Jan. 28	Ss. St. Croix.....	Boston and Portland..	St. John, New Brunswick, and Eastport.	61	40	30
Jan. 29	Ss. Aurora.....	St. John, New Brunswick.	Eastport and Grand Manan, New Brunswick.	8	.....	3
Jan. 30	Ss. St. Croix.....	do.....	Eastport, Portland, and Boston.	61	5	30
Do.....	Ss. H. F. Eaton.....	Calais, Me.....	Eastport.....	10	12	.....
Do.....	Sc. Myra B.....	Grand Manan, New Brunswick.	St. John, New Brunswick..	3	.....	.....

I learn of 2 new cases of smallpox at Lynnfield, New Brunswick. Owing to the increase of smallpox in Boston, I feel it to be my duty to thoroughly inspect the steamships arriving from that port. The situation at St. John, New Brunswick, continues to improve. We have several mild cases of typhoid fever here; otherwise the health of the city is good.

Respectfully,

EDWARD M. SMALL,  
*Acting Assistant Surgeon, U. S. M. H. S.*

*Inspection service at Vanceboro, Me.*

VANCEBORO, ME., *January 25, 1902.*

SIR: I have to report for the week ended to-day a greatly diminished travel through this port. I have inspected, approximately, 200 passengers and vaccinated 32; also, disinfected 10 pieces of baggage.

The situation in St. John continues to improve. No new cases of smallpox since my last report. I am unable to give a definite statement as to condition at Lynnfield, Moncton, and Petersville.

Will send a supplementary report as soon as I can ascertain the facts.

Respectfully,

M. L. YOUNG,  
*Acting Assistant Surgeon, U. S. M. H. S.*

*Arrival at Baltimore of vessels from West Indian and South American ports.*

BALTIMORE, MD., *February 1, 1902.*

SIR: I have to report the arrival of the following vessels at this port for the week ended this day:

January 27, British steamship *Vizcaina*, from Santiago de Cuba, with ore. January 28, British steamship *Vala*, from Rio de Janeiro, with ore; British steamship *Cromarty*, from Daiquiri, with ore.

Respectfully,

T. E. CUNNINGHAM,  
*Special Deputy Collector of Customs.*

#### REPORTS FROM THE MEXICAN BORDER.

*Eagle Pass, Tex., January 27, 1902—Inspection service.*—I have the honor to report the following transactions at this port for the week ended January 25, 1902: Number of passenger trains from Mexico inspected, 8; number of passengers on trains from Mexico inspected and passed, 183; number of passengers detained, none.

B. KINSELL,  
*Acting Assistant Surgeon, U. S. M. H. S.*

*El Paso, Tex., January 25, 1902—Inspection service—Smallpox in Arizona and New Mexico.*—I have the honor to transmit the following summary of transactions at this station for the week ended January 25, 1902: Inspection of Mexican Central Railroad passengers, 175; inspection of Rio Grande and Pacific Railroad passengers, 20; inspection of immigrants, 125; vaccination of immigrants' children, 8.

On account of the prevalence of smallpox in Arizona and New Mexico the Southern Pacific Railroad officials have issued a vaccination order to Southern Pacific Railroad employees to call on the nearest division or local surgeon to be vaccinated. Accompanying the order is a plain statement that any railroad man having a case of smallpox in his family

and failing to report it to the head of his department at once will be discharged. If he reports it he will be laid off until the case is cured.

E. ALEXANDER,

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

*Statistical reports of States and cities of the United States—Yearly and monthly.*

IOWA—*Dubuque*.—Month of December, 1901. Census population, 36,297. Total number of deaths, 33, including enteric fever, 1; scarlet fever, 1, and 5 from tuberculosis.

MICHIGAN.—Reports to the State board of health, Lansing, for the week ended January 18, 1902, from 71 observers, indicate that inflammation of bowels, diphtheria, erysipelas, intermittent fever, inflammation of kidney, measles, scarlet fever, and smallpox were more prevalent and enteric fever and whooping cough were less prevalent than in the preceding week. Cerebro-spinal meningitis was reported present at 5, whooping cough at 20, diphtheria at 26, enteric fever at 45, measles at 45, scarlet fever at 119, smallpox at 133, and phthisis pulmonalis at 214 places.

Reports to the State board of health, Lansing, for the week ended January 25, 1902, from 72 observers, indicate that bronchitis, remittent fever, measles, and puerperal fever were more prevalent, and diphtheria, erysipelas, intermittent fever, and scarlet fever were less prevalent than in the preceding week. Cerebro-spinal meningitis was reported present at 4, whooping cough at 19, diphtheria at 33, enteric fever at 46, measles at 47, scarlet fever at 125, smallpox at 138, and phthisis pulmonalis at 216 places.

*Grand Rapids*.—Month of December, 1901. Estimated population, 90,000. Total number of deaths, 105, including diphtheria, 1; enteric fever, 2, and 9 from phthisis pulmonalis.

MISSOURI—*St. Louis*.—Month of December, 1901. Estimated population, 598,000—white, 560,000; colored, 38,000. Total number of deaths, 983—white, 864; colored, 119, including diphtheria, 18; enteric fever, 20; scarlet fever, 12; whooping cough, 2; smallpox, 1, and 140 from tuberculosis.

NEW YORK.—Reports to the State board of health, Albany, for the month of December, 1901, from 156 cities, towns, and villages, having an aggregate estimated population of 7,268,000, show a total of 10,373 deaths, including diphtheria, 341; enteric fever, 166; measles, 126; scarlet fever, 81; whooping cough, 52, and 1,050 from phthisis pulmonalis.

The Monthly Bulletin says:

In addition to the 129,257 deaths for the year reported in the Monthly Bulletin, there were 1,500 delayed returns, making the death rate 18 per 1,000 population. The mortality was 7,500 in excess of the average of the past five years, but the rate was the same as that of 1900. The sanitary districts all participate in the variations in mortality.

The infant mortality is unusually low, being 3,500 less than in 1900

and 2,500 less than the average of the past five years. This low rate prevailed throughout the State; it was unusually low in July, being less than in August and September. The deaths at 70 years and over were but one-third as many as those under 5 years in the maritime district; in the rest of the State they exceeded them by 4,300, and constituted 27 per cent of the total.

The zymotic mortality was 14.5 per cent of the total, which is above the average. Diarrheal diseases were excessive in the maritime district, but below the average in the rest of the State. Scarlet fever caused double the average number of deaths. On the other hand, diphtheria caused 500 fewer deaths than the average and was decreased throughout the State. Measles decreased everywhere from the high rate of last year. Typhoid fever was less prevalent, the decrease being most marked in the Hudson and Mohawk valley districts.

Smallpox, following several months of absence, was widely disseminated in November, 1900, by a traveling troupe, and occurred from then to the end of 1901 in 110 localities; 1,100 cases existed at that time, besides 1,982 in the city of New York. There was but 1 case in 50 of these localities, and one-half the entire number occurred in 6 localities. There were 445 deaths, 426 of which were in the maritime district; this far exceeds any former year. At the end of the year smallpox exists in 16 localities, in all of which, except Buffalo, lumber camps in the vicinity of Tupper Lake, Binghamton, and Watertown there is not one case.

The la grippe epidemic has this year caused 7,000 deaths, against 11,500 in 1900, the average of 11 previous epidemics being 5,500. There were 1,600 fewer deaths than last year from acute respiratory diseases. About 70 per cent of the deaths reported from acute respiratory diseases were from pneumonia.

**OHIO—Toledo.**—Month of December, 1901. Estimated population, 150,000. Total number of deaths, 151, including diphtheria, 9; enteric fever, 5; whooping cough, 1, and 17 from tuberculosis.

**Zanesville.**—Month of December, 1901. Estimated population, 28,000. Total number of deaths, 25, including diphtheria, 4; enteric fever, 2, and 1 from whooping cough.

*Report of immigration at Boston for the week ended January 25, 1902.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Boston, January 26, 1902.*

*Number of alien immigrants who arrived at this port during the week ended January 25, 1902 ;  
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Jan. 19	Steamship New England .....	Liverpool, England .....	147
Do.....	Steamship Boston .....	Yarmouth, Nova Scotia.....	56
Jan. 20	Steamship Admiral Farragut.....	Port Morant, Jamaica.....	3
Do.....	Steamship Kingstonian.....	London, England .....	1
Jan. 22	Steamship Lancastrian.....	Liverpool, England.....	2
Jan. 23	Steamship Boston.....	Yarmouth, Nova Scotia.....	42
Do.....	Steamship Bonavista .....	Halifax, Nova Scotia.....	16
	Total.....		267

GEORGE B. BILLINGS,  
*Commissioner.*

*Report of immigration at New York for the week ended January 25, 1902.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of New York, January 28, 1902.*

*Number of alien immigrants who arrived at this port during the week ended January 25, 1902 ;  
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Jan. 20	Steamship Ivernia.....	Liverpool and Queenstown.....	129
Do.....	Steamship Georgia.....	Naples .....	178
Do.....	Steamship Rotterdam.....	Rotterdam.....	543
Jan. 21	Steamship Vaderland .....	Antwerp .....	593
Do.....	Steamship Lahu .....	Genoa and Naples .....	411
Do.....	Steamship Anchora.....	Glasgow.....	106
Jan. 22	Steamship Sardegna .....	Naples .....	492
Jan. 23	Steamship Weimar .....	Bremen .....	307
Jan. 24	Steamship Celtic.....	Liverpool and Queenstown.....	189
Jan. 25	Steamship Hesperia.....	Naples .....	158
Do.....	Steamship St. Paul.....	Southampton .....	174
Do.....	Steamship Pretoria.....	Hamburg.....	1,136
	Total.....		4,916

THOMAS FITCHIE,  
*Commissioner.*

*Report of immigration at Philadelphia for the week ended January 25, 1902.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Philadelphia, January 25, 1902.**Number of alien immigrants who arrived at this port during the week ended January 25, 1902; also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Jan. 18	Steamship East Point.....	London.....	1
Jan. 20	Steamship Buenos Ayrean.....	Glasgow.....	3
Do.....	Steamship Rhymland.....	Liverpool and Queenstown.....	29
	Total .....		33

JNO. J. S. RODGERS,  
*Commissioner.**Inspection of immigrants at San Juan and subports during the week ended January 18, 1902.*SAN JUAN, P. R., *January 20, 1902.*

SIR: I submit herewith report of alien steerage passengers arriving at this port during the week ended January 18, 1902.

Date.	Vessel.	Where from.	No. of immigrants.
Jan. 15	Steamship Philadelphia.....	La Guayra and Curaçao.....	2
Jan. 16	Steamship Valesia.....	Hamburg and St. Thomas.....	6
Jan. 18	Steamship Ville de Marseille.....	Colon and Santo Domingo.....	1
Do.....	Steamship Catalufia.....	La Guayra and Santo Domingo.....	14
	Total .....		23

Respectfully,

FRED. V. MARTIN,  
*Commissioner.*The SURGEON-GENERAL,  
*U. S. Marine-Hospital Service.*

*Report of immigrants inspected at the port of San Francisco Quarantine Station, Angel Island, Cal., during the month of December, 1901.*

Total number of immigrants inspected, 604; number passed, 600; number certified for deportation on account of dangerous contagious or loathsome diseases, or for other physical causes, 4.

HUGH S. CUMMING,  
*Passed Assistant Surgeon, U. S. M. H. S.*

*Report of immigrants inspected at the port of New York, N. Y., during the month of December, 1901.*

Total number of immigrants inspected, 33,106; number passed, 32,912; number certified for deportation on account of dangerous contagious or loathsome diseases, or for other physical causes, 194.

GEORGE W. STONER,  
*Surgeon, U. S. M. H. S.*

*Report of immigrants inspected at the port of Norfolk, Va., during the month of January, 1902.*

Total number of immigrants inspected, 3; number passed, 3.

J. B. STONER,  
*Passed Assistant Surgeon, U. S. M. H. S.*

Reports from national quarantine

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
	<b>UNITED STATES:</b>				
1	Alexandria, Va.....	Feb. 1			
2	Apalachicola, Fla.....	Jan. 25			
3	Beaufort, N. C.....	Feb. 1			
4	Biscayne Bay, Fla.....	Jan. 25			
5	Boca Grande, Fla.....	do			
6	Brunswick, Ga.....	do			
7	Cape Charles, Va.....	do	U. S. S. Illinois	Jan. 22	Havana
			Ger. ss. Neuenfels	Jan. 25	Calcutta via Algiers.
8	Cape Fear, N. C.....	do	Swd. bk. Anders	Jan. 20	Valencia
9	Cedar Key, Fla.....	Jan. 11			
		Jan. 18			
		Jan. 25			
		Feb. 1			
10	Columbia River, Oreg.....	Jan. 25			
11	Cumberland Sound, Fla.....	do			
12	Delaware Breakwater Quarantine, Lewes, Del.	do			
13	Dutch Harbor, Alaska.....				
14	Eureka, Cal.....	Jan. 25			
15	Grays Harbor, Wash.....	do			
16	Gulf Quarantine, Ship Island, Miss.	do	Nor. bk. Orion (a)	Jan. 13	Cape Town
			Nor. bk. Madura	Jan. 25	Liverpool
17	Key West, Fla.....	do			
18	Los Angeles, Cal.....	do			
19	Newbern, N. C.....	Jan. 18			
20	Pascagoula, Miss.....	Jan. 25			
21	Port Angeles, Wash.....	Jan. 18			
22	Portland, Me.....	Jan. 25			
23	Port Townsend, Wash.....	do			
24	Punta Grande, Fla.....	Feb. 1			
25	Punta Rasa, Fla.....	do			
26	Reedy Island, Del.....	Jan. 25			
27	St. Georges Sound, Fla.....	Jan. 16			
		Jan. 25			
28	St. Johns River, Fla.....	do			
29	San Diego, Cal.....	do			
30	San Francisco, Cal.....	Jan. 18	U. S. S. Alert	Jan. 13	Monterey, Cal
			Am. ss. Umatilla	Jan. 17	Victoria
31	San Pedro, Cal.....	Jan. 25			
32	Santa Rosa, Fla.....	Jan. 28	It. bk. Lina (a)	Jan. 18	Valencia
			It. bk. Corona (a)	do	Havre
			It. bk. Careta L. (a)	Jan. 21	Genoa
33	Savannah, Ga.....	Jan. 25			
34	South Atlantic Quarantine, Blackbeard Island, Ga.	do			
35	Tampa Bay, Fla.....	do			
36	Washington, N. C.....	do			
	<b>CUBA:</b>				
37	Baracoa.....	Jan. 11			
38	Batabano.....	Jan. 18			

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				do.....	
4				do.....	
5				do.....	1
6				do.....	5
7	Newport News.....		Jan. 22	Passed on certificate of medical officer.	7
	do.....		Jan. 25	Passed after physical and thermometric examination.	
8	Wilmington.....	Held for disinfection.....		1 case smallpox en route.	2
9				No report.....	
				do.....	
				do.....	
				do.....	
10				do.....	
11				do.....	2
12				do.....	
13				No report.....	
14				No transactions.....	
15				do.....	
16	Ship Island.....	Disinfected and held.....	Jan. 23		1
	Ship Island.....	Held for necropsy.....		1 death at sea.....	
17					3
18					1
19				No transactions.....	
20					7
21				No transactions.....	
22					3
23				No report.....	
24				do.....	
25				do.....	
26				do.....	17
27					1
				No transactions.....	
28				do.....	3
29					8
30	San Francisco.....	Disinfected and held.....	Jan. 17	1 case smallpox developed en route; personnel vaccinated and bathed; clothing and bedding disinfected; vessel partially disinfected; at expiration of quarantine all persons requiring it were revaccinated; smallpox case held and isolated; 8 immediate contacts held to complete fourteen days; all others released with vessel.	
	San Francisco.....	Boarded and passed.....	Jan. 17	Passed on certificate and affidavits. Physical examination of fore-castle, crew, and steerage passengers on Jap. ss. Hongkong Maru from Hongkong.	
31				No transactions.....	
32	Pensacola.....	Held to discharge ballast and disinfect.			4
	do.....	Held to discharge ballast and clean vessel.			
	do.....	do.....			
33					9
34				No transactions.....	
35					3
36				No transactions.....	
37					3
38					8

*Reports from national quarantine*

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
	<b>CUBA—Continued.</b>				
39	Caibarien .....	Jan. 18			
40	Cardenas .....	do.			
41	Casilda .....	Jan. 25			
42	Cienfuegos .....	do.	Gunboat Yankton .....	Jan. 22	Isle of Pines .....
43	Daiquiri .....	Jan. 18			
44	Gibara .....	do.			
45	Guantanamo .....	do.			
46	Havana .....	do.			
47	Isabela de Sagua .....	do.			
48	Manzanillo .....	do.			
49	Matanzas .....	Jan. 25			
50	Nuevitas .....	Jan. 18			
51	Puerto Padre .....	Jan. 11			
52	Santa Cruz .....	Jan. 18			
53	Santiago de Cuba .....	do.			
	<b>HAWAII:</b>				
54	Hilo .....	Jan. 4			
55	Honolulu .....	Jan. 11	Nor. bk. Prince Louis .....	Jan. 7	New Castle, New South Wales.
56	Kahului .....	do.			
57	Kihei, Maui .....	Jan. 4			
		Jan. 11			
58	Koloa, Kauai .....	do.			
59	Lahaina .....	do.			
	<b>PHILIPPINES:</b>				
60	Cebu .....	Dec. 14			
61	Iloilo .....	Dec. 21			
62	Manila .....	do.			
	<b>PORTO RICO:</b>				
63	Ponce .....	Jan. 18			
64	San Juan .....	do.	Ss. Uncas .....	Jan. 16	St. Thomas .....
			Fr. ss. Ville de Marseille ..	Jan. 18	St. Marc .....
			Sp. ss. Cataluna .....	do.	Havana .....
			U. S. S. Buffalo .....	do.	Trinidad .....
	<b>Subports—</b>				
65	Aguadilla .....	do.			
66	Arecibo .....	do.			
67	Arroyo .....	do.			
68	Fajardo .....	do.			
69	Humacao .....	do.			
70	Mayaguez .....	do.			

## and inspection stations—Continued.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
39					9
40				16 vessels passed without inspection.	
41					11
42	Cienfuegos	Boarded and passed		3 vessels passed without inspection.	7
43				No report.	
44					11
45				No report.	
46				6 cases suspect enteric fever on Ger. training-ship Stein from Cienfuegos; original port Kiel.	32
47				11 vessels passed without inspection.	2
48				No report.	
49				4 vessels passed without inspection.	5
50				5 vessels passed without inspection.	1
51					5
52					6
53				No report.	
54					4
55	Honolulu	Held for disinfection.	Jan. 11	Death from yellow fever enroute from Rio de Janeiro to New Castle; entire crew, captain excepted, had yellow fever in Rio in May, 1901.	7
56				No transactions	
57				do	
58				do	
59				do	1
60					
61					
62					
63				No report	
64	San Juan	Boarded and passed	Jan. 16	On medical officer's certificate.	2
	Havre	Held in quarantine	Jan. 19	Local baggage and mail disinfected.	
	Barcelona	do	do	Local baggage disinfected.	
	San Juan	Boarded and passed	Jan. 18	On medical officer's certificate.	
65				No report	
66				do	
67				do	
68				do	
69				do	
70				do	

*Reports from State and*

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
1	Baltimore, Md .....	Feb. 1			
2	Bangor, Me .....	do.			
3	Boston, Mass .....	do.			
4	Charleston, S. C. ....	Jan. 25			
5	Elizabeth River, Va. ....	Feb. 1			
6	Galveston, Tex. ....	do.			
7	Gardiner, Oreg. ....	Jan. 25			
8	Marcus Hook, Pa. ....	do.			
9	Mobile Bay, Ala. ....	do.			
10	New Bedford, Mass. ....	Feb. 1			
11	New Orleans, La. ....	Jan. 25	Br.ss. Kelvingrove.....	Jan. 20	Durban.....
			Urug. bk. Sara.....	Jan. 22	Rio de Janeiro....
			Br.ss. Hyades.....	Jan. 24	East Liverpool....
12	Newport News, Va. ....	Feb. 1			
13	Newport, R. I. ....	do.			
14	New York, N. Y. ....	do.			
15	Pass Cavallo, Tex. ....	do.			
16	Port Royal, S. C. ....	do.			
17	Providence, R. I. ....	do.			
18	Quintana, Tex. ....	do.			
19	Sabine Pass, Tex. ....	do.			
20	St. Helena Entrance S. C. ....	do.			

*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	.....	.....	.....	.....	.....
5	.....	.....	.....	No report.....	.....
6	.....	.....	.....	do.....	.....
7	.....	.....	.....	do.....	.....
8	.....	.....	.....	do.....	.....
9	.....	.....	.....	.....	14
10	.....	.....	.....	No report.....	.....
11	New Orleans.....	Disinfected.....	Jan. 20.....	.....	.....
.....	do.....	do.....	Jan. 22.....	.....	.....
.....	do.....	do.....	Jan. 24.....	.....	.....
12	.....	.....	.....	No report.....	.....
13	.....	.....	.....	do.....	.....
14	.....	.....	.....	do.....	.....
15	.....	.....	.....	do.....	.....
16	.....	.....	.....	do.....	.....
17	.....	.....	.....	do.....	.....
18	.....	.....	.....	do.....	.....
19	.....	.....	.....	do.....	.....
20	.....	.....	.....	do.....	.....

*Smallpox in the United States as reported to the Surgeon-General United States Marine-Hospital Service, December 28, 1901, to February 7, 1902.*

[For reports received from June 29, 1901, to December 27, 1901, see PUBLIC HEALTH REPORTS for December 27, 1901.]

Place.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Birmingham .....	Dec. 1-Dec. 31	1	.....	
Total for State, same period, 1901.		38	.....	
Arizona:				
Yuma.....	Jan. 1.....	100	.....	Estimated.
Arkansas:				
Pulaski County (including Little Rock).	Jan. 12-Jan. 22	50	1	
California:				
Los Angeles .....	Dec. 29-Jan. 25	24	.....	
San Francisco.....	Dec. 16-Jan. 26	39	.....	
Stockton .....	Jan. 1-Jan. 13	24	.....	
Total for State .....		87	.....	
Total for State, same period, 1901.		1	.....	
Colorado:				
Arapahoe County.....	Dec. 1-Dec. 31	1	.....	
Archulete County.....	.....do.....	2	.....	
Chaffee County.....	.....do.....	1	.....	
Clear Creek County.....	.....do.....	2	.....	
Clinton County (Clinton).....	Jan. 12-Jan. 18	3	.....	
Delta County.....	Dec. 1-Dec. 31	22	.....	
El Paso County.....	.....do.....	16	.....	
Fremont County.....	.....do.....	1	.....	
Gilpin County.....	.....do.....	27	.....	
Gunnison County.....	.....do.....	11	.....	
Hinsdale County.....	.....do.....	20	.....	
Jefferson County.....	.....do.....	3	.....	
La Plata County.....	.....do.....	1	.....	
Las Animas County.....	.....do.....	6	.....	
Montrose County.....	.....do.....	11	.....	
Morgan County.....	.....do.....	1	.....	
Pueblo County.....	.....do.....	1	.....	
San Miguel County.....	.....do.....	6	.....	
Teller County.....	.....do.....	3	.....	
Total for State.....		138	.....	
Total for State, same period, 1901.		45	.....	
District of Columbia:				
Washington.....	Jan. 12-Jan. 18	2	.....	
Total for District, same period, 1901.		11	.....	
Illinois:				
Belleville.....	Jan. 12-Feb. 1	10	.....	
Chicago.....	Jan. 5-Feb. 1	27	1	
Danville.....	Jan. 19-Jan. 25	1	.....	
Freeport .....	Jan. 5-Jan. 25	5	.....	
Galesburg.....	Jan. 12-Jan. 25	4	.....	
Peoria.....	Dec. 1-Dec. 31	25	.....	
Springfield.....	.....do.....	125	.....	
Total for State .....		197	1	
Total for State, same period, 1901.		94	2	
Indiana:				
Crawfordsville.....	Jan. 19-Jan. 25	4	.....	
Vanderburg County.....	Dec. 15-Jan. 25	22	.....	
Total for State.....		26	.....	
Total for State, same period, 1901.		1	.....	
Iowa:				
Chickasaw County.....	Nov. 1-Nov. 30	.....	.....	Present.
Clayton County.....	.....do.....	.....	.....	Do.
Clinton County.....	Nov. 1-Jan. 25	5	.....	Do.
Dallas County.....	Nov. 1-Nov. 30	.....	.....	Do.
Davenport .....	Dec. 1-Dec. 31	16	.....	
Davis County.....	Nov. 1-Nov. 30	.....	.....	Do.

## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<i>Iowa—Continued.</i>				
Delaware County.....	Nov. 1–Nov. 30			Present.
Des Moines County.....	do			Do.
Dubuque County.....	do			Do.
Floyd County.....	do			Do.
Fremont County.....	do			Do.
Ida County.....	do			Do.
Iowa County.....	do			Do.
Linn County.....	do			Do.
Louisa County.....	do			Do.
Lyon County.....	do			Do.
Montgomery County.....	do			Do.
O'Brien County.....	do			Do.
Ottumwa.....	Dec. 1–Dec. 28	79		
Polk County.....	Nov. 1–Nov. 30			Do.
Sac County.....	do			Do.
Warren County.....	do			Do.
Total for State.....		100		
Total for State, same period, 1901.		3		
<i>Kansas:</i>				
Allen County.....	Dec. 1–Dec. 31	15		
Chautauqua County.....	do	20		
Cherokee County.....	do	4		
Cloud County.....	do	16		
Crawford County.....	do	57		
Decatur County.....	do	3		
Greenwood County.....	do	20		
Hamilton County.....	do	5		
Leavenworth County.....	do	1		
Marion County.....	do	1		
Marshall County.....	do	48		
Mitchell County.....	do	36		
Nemaha County.....	do	4		
Ottawa County.....	do	3		
Phillips County.....	do	15		
Saline County.....	do	12		
Sedgwick County.....	Dec. 1–Jan. 18	5		
Shawnee County.....	Dec. 1–Dec. 31	14		
Stafford County.....	do	24	1	
Sumner County.....	do	9		
Washington County.....	do	69		
Total for State.....		381	1	
Total for State, same period, 1901.		294	3	
<i>Kentucky:</i>				
Lexington.....	Dec. 22–Jan. 25	10	2	
Total for State, same period, 1901.		18	1	
<i>Louisiana:</i>				
New Orleans.....	Dec. 15–Jan. 18	8	3	
Shreveport.....	Dec. 15–Jan. 24	54		
Total for State.....		62	3	
Total for State, same period, 1901.		66	15	
<i>Maine:</i>				
Portland.....	Dec. 22–Jan. 25	3	1	
<i>Massachusetts:</i>				
Blackstone.....	Jan. 2–Jan. 8	2		
Boston.....	Dec. 22–Feb. 1	218	41	
Brockton.....	Dec. 29–Jan. 18	2		
Brookline.....	Jan. 12–Jan. 25	2		
Cambridge.....	Dec. 15–Jan. 25	12	2	
Chelsea.....	Dec. 29–Jan. 4	1		
Chicopee.....	Jan. 19–Jan. 25	1		
Clinton.....	Jan. 5–Jan. 11	3		
Fall River.....	Dec. 22–Dec. 28	1		
Holyoke.....	Jan. 12–Jan. 18	1		
Lowell.....	Dec. 29–Jan. 25	6		
Malden.....	Dec. 15–Dec. 21	1		
Marlboro.....	Jan. 5–Jan. 11	1		
Medford.....	Dec. 22–Jan. 11	4		
New Bedford.....	Jan. 17–Feb. 1	11		
Newton.....	Dec. 29–Jan. 4	1		
Quincy.....	Dec. 22–Jan. 11	6		

## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Massachusetts—Continued.</b>				
Somerville .....	Dec. 29–Feb. 1	5	1	
Weymouth .....	Jan. 5–Jan. 18	2	1	
Woburn .....	Dec. 15–Jan. 25	2		
Total for State .....		282	45	
Total for State, same period, 1901.		3		
<b>Michigan:</b>				
Ann Arbor .....	Jan. 12–Jan. 18	1		
Detroit .....	Jan. 5–Feb. 1	16	1	
Grand Rapids .....	Dec. 15–Jan. 18	3		
Total for State .....		20	1	
Total for State, same period, 1901.		6		
<b>Minnesota:</b>				
Aitkin County .....	Dec. 3–Jan. 27	5		
Anoka County .....	do	33		
Becker County .....	do	49		
Beltrami County .....	do	55		
Benton County .....	do	7		
Big Stone County .....	do	40		
Blue Earth County .....	do	2		
Carver County .....	do	204	3	
Cass County .....	do	14		
Chippewa County .....	do	4		
Chisago County .....	do	1		
Clay County .....	do	155		
Cottonwood County .....	do	7		
Crow Wing County .....	do	85	1	
Dakota County .....	do	36		
Dodge County .....	do	2		
Faribault County .....	do	39		
Fillmore County .....	Jan. 20–Jan. 27	1		
Freeborn County .....	do	1		
Goodhue County .....	Dec. 3–Jan. 27	50		
Hennepin County (Minneapolis).	do	125	1	
Houston County .....	do	51		
Hubbard County .....	do	55		
Isanti County .....	do	5	1	
Itasca County .....	do	25		
Jackson County .....	do	62		
Kandiyohi County .....	do	2		
Kanabec County .....	do	1		
Kiltson County .....	do	48		
Lacqui Parle County .....	do	5		
Le Sueur County .....	do	9		
Lincoln County .....	do	105		
Lyon County .....	do	38		
McLeod County .....	do	8		
Marshall County .....	do	39		
Martin County .....	do	22		
Meeker County .....	do	3		
Millelacs County .....	do	16		
Morrison County .....	do	6		
Mower County .....	do	75		
Murray County .....	do	2		
Norman County .....	do	65	1	
Olmsted County (Rochester) .....	do	13		
Ottertail County .....	do	108	1	
Pine County .....	do	5		
Pipestone County .....	do	226	1	
Folk County .....	do	40		
Pope County .....	do	66	1	
Ramsey County (St. Paul) .....	do	12		
Red Lake County .....	do	92	1	
Red Wood County .....	do	70		
Benvenue County .....	do	11		
Rice County .....	do	27		
Rock County .....	do	7		
Roseau County .....	Jan. 20–Jan. 27	4		
St. Louis County (Duluth) .....	Dec. 3–Jan. 27	72	1	
Scott County .....	do	8		
Sherburne County .....	do	1		
Sibley County .....	do	2		
Stearns County .....	do	27		
Steele County .....	do	14		
Stevens County .....	do	5		
Todd County .....	do	21		
Traverse County .....	do	13		



## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Minnesota—Continued.</b>				
Wabasha County.....	Dec. 3-Jan. 27	10		
Wadena County.....	do	19		
Washington County.....	do	27		
Watonswan County.....	do	1		
Wilkin County.....	do	3		
Winona County (Winona).....	do	19		
Wright County.....	do	4		
Yellow Medicine County.....	do	1		
<b>Total for State.....</b>		<b>2,485</b>	<b>12</b>	
<b>Total for State, same period, 1901.....</b>		<b>425</b>	<b>3</b>	
<b>Missouri:</b>				
Hannibal.....	Jan. 12-Jan. 18	1		
St. Louis.....	Dec. 16-Jan. 26	420	6	
<b>Total for State.....</b>		<b>421</b>	<b>6</b>	
<b>Total for State, same period, 1901.....</b>		<b>44</b>		
<b>Montana:</b>				
Butte.....	Jan. 13-Jan. 26	9		
<b>Total for State.....</b>				
<b>Total for State, same period, 1901.....</b>		<b>218</b>	<b>2</b>	
<b>Nebraska:</b>				
Omaha.....	Dec. 15-Jan. 25	157		
South Omaha.....	July 1-Jan. 18	259		
<b>Total for State.....</b>		<b>416</b>		
<b>Total for State, same period, 1901.....</b>		<b>475</b>	<b>4</b>	
<b>New Hampshire:</b>				
Nashua.....	Dec. 15-Jan. 25	9		
<b>Total for State, same period, 1901.....</b>		<b>172</b>		
<b>New Jersey:</b>				
Camden County.....	Dec. 22-Jan. 25	85	10	
Essex County (Newark).....	Dec. 15-Jan. 18	153	31	
Hudson County (Jersey City included). Passaic.....	Dec. 23-Jan. 26	121	5	
Somerset County (Plainfield). Jan. 12-Jan. 18	Nov. 16-Jan. 11	6	3	
	Jan. 12-Jan. 18	4		
<b>Total for State.....</b>		<b>369</b>	<b>49</b>	
<b>Total for State, same period, 1901.....</b>		<b>7</b>		
<b>New York:</b>				
Binghamton.....	Dec. 22-Feb. 1	6	1	
Buffalo.....	June 25-Jan. 28	208		
Mount Vernon City.....	Jan. 12-Jan. 18	1	1	
New York.....	Dec. 15-Jan. 25	122	23	
Plattsburg.....	Dec. 1-Dec. 28	19		
<b>Total for State.....</b>		<b>356</b>	<b>25</b>	
<b>Total for State, same period, 1901.....</b>		<b>82</b>	<b>11</b>	
<b>North Carolina:</b>				
Buncombe County.....	Nov. 1-Nov. 30	14		
Cabarrus County.....	do	46		
Duplin County.....	do	8		
Durham County.....	do	3		
Gaston County.....	do			Several cases.
Henderson County.....	do	6		
Iredell County.....	do			Many cases.
Mecklenburg County.....	do	20		
Nash County.....	do	12		
Rockingham County.....	do	5		
Sampson County.....	do	1		
Wayne County.....	do	25		
<b>Total for State.....</b>		<b>140</b>		
<b>Total for State, same period, 1901.....</b>		<b>101</b>	<b>2</b>	

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>North Dakota:</b>				
Bottineau County.....	Dec. 21-Jan. 13	2	1	
Barnes County.....	Dec. 4-Jan. 13	6		
Cass County.....	Dec. 31-Jan. 13	10		
Cavalier County.....	Jan. 1-Jan. 13	11		
Foster County.....	do			Several cases.
Grand Forks County.....	Dec. 31-Jan. 13	18		
Kidder County.....	Dec. 23-Jan. 13	9		
Lamoure County.....	Dec. 9-Jan. 13	1		
McHenry County.....	Dec. 24-Jan. 13	36		
Nelson County.....	Dec. 31-Jan. 13	5		
Pembina County.....	do	5		
Stutsman County.....	do	8		
Steel County.....	Dec. 30-Jan. 13	4		
Trail County.....	Jan. 1-Jan. 13			Do.
Ward County.....	July 1-Jan. 13	54		
Walsh County.....	Dec. 31-Jan. 13	10		
Wells County.....	Dec. 26-Jan. 13	2		
Williams County.....	Dec. 18-Jan. 13	2		
Total for State.....		183	1	
Total for State, same period, 1901.....		13		
<b>Ohio:</b>				
Ashtabula County—				
Ashtabula.....	Aug. 1-Dec. 20	4		
Saybrook Township.....	do	7		
Ashland County—				
Lake Township.....	do			
Auglaize County—				
St. Marys.....	do	2		
Belmont County—				
Barnesville.....	do	14		
Bridgeport.....	do	3		
St. Clairsville.....	do	3		
Butler County (Middletown).....	Jan. 19-Jan. 25	1		
Carroll County—				
Rose Township.....	do	3	1	
Champaign County—				
Urbana.....	do	2		
Clark County—				
Springfield.....	do	1		
Clermont County—				
Miami Township.....	do			
Coshocton County—				
White Eyes Township.....	do			
Crawford County—				
Auburn Township.....	do			
Crestline.....	do			
New Washington.....	do			
Cuyahoga County—				
Berea.....	do			
Cleveland.....	Dec. 28-Feb. 1	12		
Glenville.....	Aug. 1-Dec. 20			
Middleburg Township.....	do			
Rocky River.....	do			
Darke County—				
Jackson Township.....	do	3		
Union City.....	do	27		
Delaware County—				
Delaware.....	do	4		
Erie County—				
Sandusky.....	do	4		
Franklin County—				
Columbus.....	do	3		
Gallia County—				
Gallipolis.....	do			
Harrison Township.....	do			
Greene County—				
Cedarville Township.....	do	1		
Hamilton County—				
Cincinnati.....	Dec. 21-Jan. 24	76		
Mill Creek Township.....	Aug. 1-Dec. 20	1		
Pleasant Ridge.....	do	1		
Symmes Township.....	do	1		
Hancock County—				
Allen Township.....	do	1		
Findlay.....	do	45	2	

## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<i>Ohio—Continued.</i>				
<b>Hardin County—</b>				
Ada .....	Aug. 1-Dec. 20 .....			
Kenton .....	do .....			
Liberty Township .....	do .....			
McDonald Township .....	do .....			
<b>Henry County—</b>				
Napoleon .....	do .....			
<b>Hocking County—</b>				
Logan .....	do .....			
<b>Huron County—</b>				
Chicago Junction .....	do .....	3		
<b>Jackson County—</b>				
Jefferson Township .....	do .....	7		
Madison Township .....	do .....			
Oakhill .....	do .....			
<b>Jefferson County—</b>				
Mingo Junction .....	do .....	1		
<b>Knox County—</b>				
Wayne Township .....	do .....	11		
<b>Lake County—</b>				
Mentor .....	do .....			
<b>Lawrence County—</b>				
Aid Township .....	do .....	9		
Ironton .....	do .....			
<b>Licking County—</b>				
Eden Township .....	do .....	1		
Hanover Township .....	do .....	8		
Newark .....	do .....	54		
Newton Township .....	do .....	1		
Utica .....	do .....	1		
<b>Logan County—</b>				
Belle Center .....	do .....	2		
Richland Township .....	do .....	3		
West Mansfield .....	do .....	1		
<b>Lorain County—</b>				
Black River Township .....	do .....			
Lorain .....	do .....			
Russia Township .....	do .....	8		
<b>Lucas County—</b>				
Toledo .....	Jan. 5-Jan. 25 .....	6		
<b>Mahoning County—</b>				
Youngstown .....	Dec. 22-Jan. 25 .....	42	8	
<b>Mercer County—</b>				
Butler Township .....	Aug. 1-Dec. 20 .....	45		
Coldwater .....	do .....	40		
Washington Township .....	do .....	1		
<b>Monroe County—</b>				
Benton Township .....	do .....			
Bethel Township .....	do .....	6		
Franklin Township .....	do .....			
Graysville .....	do .....			
Perry Township .....	do .....			
Washington Township .....	do .....			
<b>Montgomery County—</b>				
Butler Township .....	do .....			
Dayton .....	Jan. 12-Jan. 18 .....	2		
Germantown .....	Aug. 1-Dec. 20 .....	2		
Washington Township .....	do .....			
<b>Morrow County—</b>				
Cardington .....	do .....	1		
<b>Muskingum County—</b>				
Zanesville .....	do .....	1		
<b>Perry County—</b>				
New Lexington .....	do .....	4		
<b>Portage County—</b>				
Brimfield Township .....	do .....			
<b>Putnam County—</b>				
Continental .....	do .....			
Perry Township .....	do .....			
<b>Richland County—</b>				
Madison Township .....	do .....	2		
Plymouth Township .....	do .....			
<b>Sandusky County—</b>				
Clyde .....	do .....	1		
Fremont .....	do .....			
Gibsonburg .....	do .....	25		
Madison Township .....	do .....	1		
<b>Scioto County—</b>				
Portsmouth .....	do .....			

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Ohio—Continued.</b>				
<b>Seneca County—</b>				
Fostoria.....	Aug 1-Dec. 20			
Loudon Township.....	do	4		
Tiffin.....	do			
<b>Shelby County—</b>				
Green Township.....	do			
Orange Township.....	do	1		
Perry Township.....	do			
Sidney.....	do	2		
<b>Stark County—</b>				
Canton.....	do	1		
Massillon.....	do	1		
Sandy Township.....	do	1		
Waynesburg.....	do	1		
<b>Tuscarawas County—</b>				
Fairfield Township.....	do			
Mineral City.....	do	8	2	
Uhrichsville.....	do	3		
<b>Union County—</b>				
Magnetic Springs.....	do	1		
<b>Van Wert County—</b>				
Vant Wert.....	do	5	1	
<b>Washington County—</b>				
Barlow Township.....	do			
Belpre Township.....	do			
Liberty Township.....	do			
Marietta.....	do			
<b>Wayne County—</b>				
Creston.....	do	6		
<b>Williams County—</b>				
Montpeiler.....	do			
<b>Wood County—</b>				
Center Township.....	do	10		
Henry Township.....	do			
North Baltimore.....	do	2		
Troy Township.....	do			
Webster Township.....	do			
<b>Wyandot County—</b>				
Carey.....	do	1		
Total for State.....		555	14	
Total for State, same period, 1901.....		304	2	Total number of cases January 1 to Decem- ber 20, 1901, 2,936; deaths, 48.
<b>Oregon:</b>				
Marshfield.....	Dec. 1-Jan. 1	250	1	
Total for State, same period, 1901.....		2		
<b>Pennsylvania:</b>				
Allegheny.....	Dec. 29-Jan. 25	5		
Altoona.....	do	5		
Pittsburg.....	Jan. 12-Jan. 19	4		
Berks County (Reading).....	Jan. 21-Jan. 27	1		
Lackawanna County (Scranton). .....	Jan. 16-Jan. 22		1	
Lebanon County.....	Dec. 22-Jan. 19	70	1	
Luzerne County.....	Dec. 25-Jan. 11	11		
Lycoming County (Williamsport). .....	Jan. 26-Feb. 1	2		
Montgomery County.....	Dec. 22-Jan. 25	16	3	
Philadelphia County.....	Dec. 22-Feb. 1	545	98	
Total for State.....		659	103	
Total for State, same period, 1901.....		20	1	
<b>Rhode Island:</b>				
Manville.....	Dec. 1-Dec. 30	3		
Providence.....	Dec 1-Feb. 1	4	1	
Woonsocket.....	do	55		
Total for State.....		62	1	
Total for State, same period, 1901.....		3	1	

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>South Carolina:</b>				
Greenville.....	Dec. 15-Jan. 25	5		
Charleston .....	Jan. 19-Jan. 25	2		
Total for State .....		7		
Total for State, same period, 1901.		1		
<b>Tennessee:</b>				
McMinn County .....	Dec. 15 .....	24		
Polk County .....	do .....	4		
Shelby County (Memphis) .....	Dec. 22-Feb. 1	43		
Total for State .....		71		
Total for State, same period, 1901.		75	1	
<b>Utah:</b>				
Salt Lake City .....	Dec. 15-Jan. 18	5		
Total for State, same period, 1901.		297		
<b>Vermont:</b>				
Burlington.....	Dec. 15-Jan. 25	154		
<b>Virginia:</b>				
Roanoke.....	Dec. 1-Dec. 31	41		
Total for State, same period, 1901.		206		
<b>Washington:</b>				
Clallam County.....	Jan. 17 .....	2		
King County.....	Nov. 1-Dec. 15	12		
Klickitat County .....	Nov. 1-Dec. 1	8		
Lincoln County.....	Nov. 1-Dec. 13	35	1	
Pierce County (Tacoma).....	Nov. 1-Jan. 26	21		
Spokane County (Spokane).....	Nov. 1-Dec. 29	20		
Whitman County.....	Nov. 1-Dec. 6	5		
Total for State .....		103	1	
Total for State, same period, 1901.		19		
<b>Wisconsin:</b>				
36 counties, 61 places.....	Jan. 1-Jan. 31	239	1	
35 counties, 57 places.....	Feb. 1-Feb. 28	256	3	
37 counties, 73 places.....	Mar. 1-Mar. 31	304	1	
37 counties, 64 places.....	Apr. 1-Apr. 30	276	2	
45 counties, 85 places.....	May 1-May 31	358		
41 counties, 67 places.....	June 1-June 30	288	3	
32 counties, 52 places.....	July 1-July 31	268		
27 counties, 36 places.....	Aug. 1-Aug. 31	128	2	
15 counties, 18 places.....	Sept. 1-Sept. 30	71	3	
28 counties, 62 places.....	Oct. 1-Oct. 31	519	2	
42 counties, 100 places.....	Nov. 1-Nov. 30	596	3	
57 counties, 162 places.....	Dec. 1-Dec. 31	1,012	2	
Fond du Lac.....	Jan. 17-Jan. 23	1		
Green Bay .....	Dec. 30-Jan. 26	43	1	
Milwaukee .....	Dec. 29-Jan. 25	11		
Total for State .....		4,370	23	
Total for State, same period, 1901.		299	1	
Grand total.....		12,122	290	
Grand total, same period, 1901.		4,359	55	

*Plague in the United States as reported to the Surgeon-General, United States Marine-Hospital Service, from December 28, 1901 to February 7, 1902.*

[For reports received from June 29, 1901, to December 27, 1901, see PUBLIC HEALTH REPORTS for December 27, 1901.]

PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
California: San Francisco.....	Dec. 12	1	.....	



Weekly mortality table, cities of the United States—Continued.

Cities.	Week ended.	Population, U. S. census of 1900.	Total deaths from all causes.	Deaths from—												
				Tuberculosis.	Yellow fever.	Smallpox.	Varicoid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.		
Minneapolis, Minn	Jan. 4	202, 718	50	3						1						
Do	Jan. 11	202, 718	43	4												
Do	Jan. 18	202, 718	33	3									4			
Mobile, Ala.	Jan. 15	38, 469	13	1												
Nashville, Tenn.	Jan. 25	80, 865	41	6												
Nashua, N. H.	do	23, 898	3													
Newark, N. J.	do	246, 070	100	13		8				1						
New Bedford, Mass.	do	62, 442	21													
Newburyport, Mass.	do	14, 478	7													
New Orleans, La.	do	287, 104	125	15						1	2	1				
Newton, Mass.	do	33, 587	3													
New York, N. Y.	do	3, 437, 202	1, 392	142		11				11	25	48	22		10	
Norristown, Pa.	do	22, 265	12			1										
North Adams, Mass.	Jan. 22	24, 200	3	2												
Northampton, Mass.	Jan. 25	18, 643	6	1												
Omaha, Neb.	do	102, 555	18													
Oneonta, N. Y.	do	7, 147	2													
Palmer, Mass.	do	7, 807	2													
Philadelphia, Pa.	do	1, 293, 697	563	72		19										2
Pittsburg, Pa.	do	321, 616	157	13						9	3	10				
Plainfield, N. J.	do	15, 369	5	2						9	4	2	4			
Portland, Me.	do	50, 145	16	2												
Providence, R. I.	do	175, 597	59	5										1		
Quincy, Mass.	do	23, 899	9	1												
Reading, Pa.	Jan. 27	78, 961	30											1	1	
Rutland, Vt.	Jan. 4	11, 499	6													
Do	Jan. 11	11, 499	3	1												
Do	Jan. 18	11, 499	1													
Do	Jan. 25	11, 499	3													
San Diego, Cal.	Jan. 18	17, 700	5													
San Francisco, Cal.	Jan. 19	342, 782	189	24						1		6	1			
Scranton, Pa.	Jan. 22	102, 026	25			1						1				
Shreveport, La.	Jan. 25	16, 013	5	1												
Somerville, Mass.	do	61, 643	22	5									1			
South Bend, Ind.	do	35, 999	9	2												
Springfield, Mass.	Jan. 18	62, 059	24							1						
Do	Jan. 25	62, 059	15													
Steelton, Pa.	do	12, 068	2													
Tacoma, Wash.	Jan. 19	37, 714	14							1						
Toledo, Ohio	Jan. 25	131, 822	31	2												
Troy, N. Y.	Jan. 7	60, 651												2		
Do	Jan. 14	60, 651		3						1						
Do	Jan. 21	60, 651		6						2						
Do	Jan. 28	60, 651		3						2						
Waltham, Mass.	Jan. 25	23, 481	5													
Warren, Ohio	do	8, 529	2													
Washington, D. C.	Jan. 18	274, 718	120	14						7	1	1				1
Weymouth, Mass.	do	11, 324	5	2		1										
Do	Jan. 25	11, 324	5													
Williamsport, Pa.	do	28, 757	8	1												
Winona, Minn.	do	19, 714	5													
Woburn, Mass.	Jan. 18	14, 254	6													
Do	Jan. 25	14, 254	3	1												
Worcester, Mass.	Jan. 24	118, 421	36	3										1		
Yonkers, N. Y.	do	47, 931	12	1												
Youngstown, Ohio	Jan. 25	44, 885	16			4				3						



## Table of temperature and rainfall, week ended January 27, 1902.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	a Excess.	a Defic'ncy.	Normal.	Excess.	Deficiency.
<b>Atlantic Coast:</b>						
Eastport, Me.....	20	7	.....	.91	.25	.....
Portland, Me.....	22	7	.....	.84	1.14	.....
Northfield, Vt.....	14	8	.....	.65	.81	.....
Boston, Mass.....	26	8	.....	.95	.....	.25
New Haven, Conn.....	27	7	.....	.98	.47	.....
Albany, N. Y.....	23	7	.....	.69	.....	.18
New York, N. Y.....	30	8	.....	.93	.27	.....
Harrisburg, Pa.....	31	3	.....	.84	1.79	.....
Philadelphia, Pa.....	32	7	.....	.77	.84	.....
New Brunswick, N. J.....	29	7	.....	.90	1.05	.....
Atlantic City, N. J.....	32	4	.....	.84	.40	.....
Baltimore, Md.....	34	2	.....	.77	1.48	.....
Washington, D. C.....	33	4	.....	.82	1.24	.....
Lynchburg, Va.....	37	.....	1	.96	1.58	.....
Cape Henry, Va.....	41	.....	1	.97	.27	.....
Norfolk, Va.....	41	0	.....	.91	.13	.....
Charlotte, N. C.....	42	.....	1	1.19	.....	.28
Raleigh, N. C.....	41	0	.....	.85	.76	.....
Kittyhawk, N. C.....	43	0	.....	1.18	.67	.....
Hatteras, N. C.....	46	.....	.....	1.31	.....	.....
Wilmington, N. C.....	48	0	.....	.91	.08	.....
Columbia, S. C.....	45	.....	.....	.88	.40	.....
Charleston, S. C.....	51	.....	1	.91	.....	.60
Augusta, Ga.....	48	0	.....	1.05	.....	.05
Savannah, Ga.....	52	1	.....	.77	.....	.61
Jacksonville, Fla.....	56	.....	1	.77	.....	.75
Jupiter, Fla.....	66	.....	3	.....	.....	.77
Key West, Fla.....	70	.....	5	.49	.....	.49
<b>Gulf States:</b>						
Atlanta, Ga.....	43	.....	2	1.36	.....	.64
Tampa, Fla.....	59	.....	1	.56	.....	.52
Pensacola, Fla.....	52	2	.....	1.09	.....	1.00
Mobile, Ala.....	51	1	.....	1.13	.....	.98
Montgomery, Ala.....	49	.....	3	1.27	.....	.76
Meridian, Miss.....	48	1	.....	1.30	.....	.19
Vicksburg, Miss.....	47	1	.....	1.26	.....	.38
New Orleans, La.....	54	3	.....	1.19	.....	1.17
Shreveport, La.....	47	.....	1	1.04	.....	.57
Fort Smith, Ark.....	37	.....	3	.56	.12	.....
Little Rock, Ark.....	41	.....	5	1.17	1.61	.....
Palestine, Tex.....	46	.....	1	.97	.....	.55
Galveston, Tex.....	53	0	.....	.84	.....	.72
San Antonio, Tex.....	52	1	.....	.40	.....	.39
Corpus Christi, Tex.....	54	5	.....	.76	.....	.74
<b>Ohio Valley and Tennessee:</b>						
Memphis, Tenn.....	41	.....	2	1.26	2.15	.....
Nashville, Tenn.....	39	.....	1	1.24	1.04	.....
Chattanooga, Tenn.....	42	.....	2	1.40	.33	.....
Knoxville, Tenn.....	39	.....	2	1.31	.59	.....
Lexington, Ky.....	32	1	.....	.90	1.57	.....
Louisville, Ky.....	36	.....	1	.97	1.83	.....
Indianapolis, Ind.....	30	.....	1	.68	.....	.19
Cincinnati, Ohio.....	33	.....	1	.78	.61	.....
Columbus, Ohio.....	28	2	.....	.79	.37	.....
Parkersburg, W. Va.....	32	2	.....	.70	.99	.....
Pittsburg, Pa.....	31	4	.....	.70	.27	.....
<b>Lake Region:</b>						
Oswego, N. Y.....	23	6	.....	.63	1.09	.....
Rochester, N. Y.....	23	4	.....	.71	.50	.....
Buffalo, N. Y.....	23	5	.....	.66	1.70	.....
Erie, Pa.....	27	2	.....	.77	.52	.....
Cleveland, Ohio.....	26	4	.....	.57	.....	.01
Sandusky, Ohio.....	27	3	.....	.49	.....	.19
Toledo, Ohio.....	26	2	.....	.48	.....	.08
Detroit, Mich.....	24	4	.....	.42	.03	.....
Lansing, Mich.....	22	5	.....	.42	.....	.20
Port Huron, Mich.....	21	5	.....	.49	.....	.27
Alpena, Mich.....	17	7	.....	.56	.....	.41
Sault Ste. Marie, Mich.....	15	4	.....	.39	.....	.16
Marquette, Mich.....	16	5	.....	.42	.14	.....
Escanaba, Mich.....	14	6	.....	.35	.....	.03
Green Bay, Wis.....	14	6	.....	.56	.....	.24
Grand Haven, Mich.....	24	3	.....	.56	.....	.33
Milwaukee, Wis.....	19	4	.....	.49	.....	.16
Chicago, Ill.....	24	0	.....	.49	.....	.08
Duluth, Minn.....	10	4	.....	.21	.26	.....

a The figures in this column represent the average daily departure.

Table of temperature and rainfall, week ended January 27, 1902.—Cont'd.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	<sup>a</sup> Excess.	<sup>a</sup> Deficiency.	Normal.	Excess.	Deficiency.
<b>Upper Mississippi Valley:</b>						
St. Paul, Minn.....	11	2	.....	.21	.16	.....
La Crosse, Wis.....	16	0	.....	.28	.30	.....
Dubuque, Iowa.....	18	0	.....	.35	.31	.....
Davenport, Iowa.....	21	.....	3	.35	.14	.....
Des Moines, Iowa.....	19	.....	4	.28	.46	.....
Keokuk, Iowa.....	24	.....	2	.39	.....	.15
Springfield, Ill.....	25	.....	2	.52	.24	.....
Cairo, Ill.....	36	.....	3	.91	.70	.....
St. Louis, Mo.....	32	.....	4	.54	.28	.....
<b>Missouri Valley:</b>						
Columbia, Mo.....	30	.....	5	.42	.47	.....
Springfield, Mo.....	32	.....	6	.57	.28	.....
Kansas City, Mo.....	27	.....	4	.24	.35	.....
Topeka, Kans.....	26	.....	3	.28	.72	.....
Wichita, Kans.....	31	.....	7	.28	.....	.19
Concordia, Kans.....	24	.....	6	.21	.32	.....
Lincoln, Nebr.....	17	.....	.....	.21	.59	.....
Omaha, Nebr.....	20	.....	3	.14	.34	.....
Sioux City, Iowa.....	16	.....	2	.14	.58	.....
Yankton, S. Dak.....	16	.....	.....	.14	.....	.....
Valentine, Nebr.....	21	.....	14	.14	.20	.....
Huron, S. Dak.....	7	2	.....	.13	.16	.....
Pierre, S. Dak.....	14	.....	2	.07	.29	.....
Moorhead, Minn.....	2	5	.....	.21	.09	.....
Bismarck, N. Dak.....	6	.....	3	.12	.....	.08
Williston, N. Dak.....	6	.....	5	.14	.....	.10
<b>Rocky Mountain and Plateau Region:</b>						
Havre, Mont.....	11	.....	10	.21	.....	.06
Helena, Mont.....	20	.....	16	.29	.....	.27
Miles City, Mont.....	11	.....	6	.14	.....	.12
Rapid City, S. Dak.....	23	.....	17	.08	.07	.....
Spokane, Wash.....	27	.....	12	.56	.....	.51
Walla Walla, Wash.....	32	.....	14	.49	.....	.23
Baker City, Oreg.....	24	.....	9	.40	.....	.29
Winnemucca, Nev.....	29	.....	9	.21	.....	.15
Pocatello, Idaho.....	18	.....	3	.42	.....	.32
Boise, Idaho.....	28	.....	8	.50	.....	.25
Salt Lake City, Utah.....	29	.....	4	.28	.....	.11
Lander, Wyo.....	20	.....	18	.19	.....	.01
Cheyenne, Wyo.....	26	.....	18	.09	.12	.....
North Platte, Nebr.....	23	.....	10	.07	.17	.....
Denver, Colo.....	30	.....	16	.12	.....	.01
Pueblo, Colo.....	29	.....	12	.07	.05	.....
Dodge City, Kans.....	29	.....	6	.10	.....	.04
Oklahoma, Okla.....	36	.....	6	.37	.....	.18
Amarillo, Tex.....	32	.....	5	.20	.....	.19
Ablene, Tex.....	43	.....	1	.21	.....	.21
Santa Fe, N. Mex.....	28	.....	1	.14	.06	.....
El Paso, Tex.....	45	1	.....	.09	.....	.09
Phoenix, Ariz.....	50	.....	2	.14	.00	.....
Yuma, Ariz.....	53	.....	2	.10	.....	.10
<b>Pacific Coast:</b>						
Seattle, Wash.....	41	.....	10	.98	.....	.02
Tacoma, Wash.....	37	.....	7	1.40	.....	.73
Portland, Oreg.....	39	.....	8	1.56	.....	1.17
Roseburg, Oreg.....	41	.....	6	1.34	.....	.91
Eureka, Cal.....	46	.....	3	1.85	.....	.65
Red Bluff, Cal.....	46	.....	6	.99	.09	.....
Carson City, Nev.....	22	.....	8	.54	.....	.36
Sacramento, Cal.....	47	.....	4	.84	.....	.26
San Francisco, Cal.....	51	.....	4	1.05	.....	.23
Fresno, Cal.....	47	.....	3	.28	.04	.....
San Luis Obispo, Cal.....	51	.....	4	1.05	.07	.....
Los Angeles, Cal.....	54	.....	4	.67	.76	.....
San Diego, Cal.....	54	.....	1	.49	.44	.....

<sup>a</sup> The figures in this column represent the average daily departure.

## Snow and ice bulletin for the week ended February 3, 1902.

[Received from Department of Agriculture, Weather Bureau—Depth of snow and thickness of ice at 8 p. m., February 3, 1902.]

Stations.	Snow.	Ice in rivers, harbors, etc.	Stations.	Snow.	Ice in rivers, harbors, etc.
	Inches.	Inches.		Inches.	Inches.
<b>Arizona:</b>			<b>Michigan—Continued.</b>		
Flagstaff.....	2		Hillsdale.....	4	
<b>Connecticut:</b>			Houghton.....	34	16.0
New Haven.....	1		Humboldt.....	16	
West Cornwall.....	4		Lansing.....	4	
West Simsbury.....	2		Mancelona.....	24	
<b>Delaware:</b>			Manistee.....	5	
Millsboro.....	1		Marquette.....	17	6.0
Seaford.....	2		Port Huron.....	4	11.0
<b>District of Columbia:</b>			Saginaw.....	2	
Washington.....	4		Sault Ste. Marie.....	11	18.0
<b>Idaho:</b>			South Haven.....	4	
Boise.....	4		Thomaston.....	15	
Lewiston.....	2	6.0	<b>Minnesota:</b>		
Pocatello.....	6		Albert Lea.....	5	
<b>Illinois:</b>			Biscay.....	6	
Bloomington.....	6		Clear Water.....	3	
Cairo.....	1		Currie.....	3	
Chicago.....	4	0.0	Duluth.....	5	20.5
Dixon.....	4		Faruington.....	4	
Hillsboro.....	3		Mapleplain.....	6	
Mo. mouth.....	5		Minneapolis.....	3	
Springfield.....	6		Moorhead.....	9	29.0
Wellington.....	7		New Ulm.....	2	
<b>Indiana:</b>			Northfield.....	4	
Indianapolis.....	1		St. Cloud.....	3	
Lafayette.....	6		St. Paul.....	4	25.0
Laporte.....	10		Shakopee.....	4	
Marion.....	6		Winnebago.....	4	
Syracuse.....	10		<b>Missouri:</b>		
<b>Iowa:</b>			Brunswick.....	2	
Carroll.....	10		Columbia.....	6	
Davenport.....	6	14.5	Hannibal.....	4	10.0
Des Moines.....	4		Kansas City.....	2	8.0
Dubuque.....	5	20.0	Maryville.....	8	
Estherville.....	4		Mexico.....	6	
Forest City.....	6		Newhaven.....	5	
Iowa City.....	12		St. Louis.....	1	
Keokuk.....	4	13.0	Springfield.....	1	
Sioux City.....	6		<b>Montana:</b>		
<b>Kansas:</b>			Havre.....	2	
Concordia.....	3		Helena.....	1	
Dresden.....	2		Kalispel.....	4	
Ellinwood.....	8		<b>Nebraska:</b>		
Hays.....	4		Bartley.....	3	
Hutchinson.....	5		Falls City.....	4	
Topeka.....	5	8.0	Lincoln.....	5	
Wichita.....	1	5.0	Madison.....	8	
<b>Kentucky:</b>			Minden.....	2	
Lexington (a).....	1½		North Platte.....	(b)	5.0
Louisville.....	2	0.0	Omaha.....	5	12.0
<b>Maine:</b>			St. Paul.....	6	
Bangor.....	6		Valentine.....	2	
Buckfield.....	15		Wymore.....	3	
Eastport.....	6	14.0	<b>New Hampshire:</b>		
Fairfield.....	9		Bethlehem.....	7	
Gardiner.....	3	12.0	Hanover.....	11	
Lewiston.....	6	16.0	<b>New Jersey:</b>		
Orono.....	8		Atlantic City.....	1	
Portland.....	3		Cape May.....	(b)	0.5
<b>Maryland:</b>			New Brunswick.....	2	
Baltimore.....	2		<b>New York:</b>		
Easton.....	3		Albany.....	2	15.0
Fallston.....	5		Atlanta.....	16	
Frederick.....	5		Beaver.....	38	
Greenspring Fur.....	6		Binghamton.....	4	
Mount St. Mary.....	4		Buffalo.....	10	12.0
<b>Massachusetts:</b>			Canton.....	10	
Adams.....	4		Catskill.....	2	
<b>Michigan:</b>			Cooperstown.....	12	
Alpena.....	11	12.5	Cortland.....	8	
Big Rapids.....	3		Ithaca.....	4	
Detroit.....	4	14.5	Lockport.....	14	
Escanaba.....	4	20.0	Lowville.....	30	
Grand Haven.....	5	5.0	Malone.....	36	

a Ice on ground.

b Indicates trace.

*Snow and ice bulletin for the week ended February 3, 1902—Continued.*

Stations.	Snow.	Ice in rivers, harbors, etc.	Stations.	Snow.	Ice in rivers, harbors, etc.
<b>New York—Continued.</b>	<i>Inches.</i>	<i>Inches.</i>	<b>Pennsylvania—Continued.</b>	<i>Inches.</i>	<i>Inches.</i>
New York .....	2		Parkers Landing.....	2	
Oswego .....	13	14.5	Philadelphia.....	1	1.0
Penn Yan .....	6		Pittsburg.....	1	0.0
Port Jervis.....	3		Scranton .....	3	
Poughkeepsie.....	2		Selinsgrove.....	4	
Rochester .....	14	11.0	Warren.....	12	
Utica .....	20		West Newton.....	2	
Watertown.....	18		<b>South Dakota:</b>		
<b>North Dakota:</b>			Huron.....	3	
Bismarck.....	1	21.0	Pierre.....	4	18.0
Williston.....	1	24.0	Yankton.....	7	14.0
<b>Ohio:</b>			<b>Utah:</b>		
Bangorville.....	5		Modena.....	1	
Canal Dover.....	3		Salt Lake City.....	3	
Cincinnati.....	1	0.0	<b>Vermont:</b>		
Cleveland.....	5		Brattleboro.....	8	2.5
Coalton.....	4		Northfield.....	28	
Columbus.....	4	12.0	<b>Virginia:</b>		
Garrettsville.....	8		Richmond.....	2	
Napoleon.....	2		Westpoint.....	1	
Philo.....	3		<b>Washington:</b>		
Portsmouth.....	3		Port Crescent.....	5	
Sandusky.....	3	15.0	Spokane.....	3	
Tiffin.....	4		Walla Walla.....	7	
Toledo.....	4	7.0	<b>West Virginia:</b>		
<b>Oregon:</b>			Elkins.....	1	
Baker City.....	2		Fairmont.....	2	
Portland.....	1		Parkersburg.....	2	0.0
<b>Pennsylvania:</b>			<b>Wisconsin:</b>		
Altoona.....	8		Ashland.....	8	23.0
Brookville.....	9		Eau Claire.....	12	
Cassandra.....	8		Green Bay.....	4	16.0
Ephrata.....	4		La Crosse.....	7	17.0
Erie.....	3	10.5	Madison.....	2	
Harrisburg.....	3		Milwaukee.....	4	2.0
Johnstown.....	8		Portage.....	4	
Kennett Square.....	2		Prairie du Chien.....	6	
Lebanon.....	2		Washburn.....	8	14.0
Oil City.....	8				

## FOREIGN AND INSULAR.

### BARBADOS.

*Quarantine information concerning Saint Lucia—Yellow fever at other places.*

BARBADOS, *January 18, 1902.*

SIR: On the evening of the 10th instant, I received the following telegram from the quarantine board of Saint Lucia. "Yellow fever entirely disappeared amongst the troops, last case very mild reported officially has recovered to-day; general health of the island has been and is excellent. Clean bills of health are being issued. When do you propose raising the quarantine?" To which I replied, "Quarantine board will recommend that quarantine be raised on the 25th instant, if no fresh case." Fourteen clear days after the last death or convalescence is the earliest period at which quarantine can be taken off here. No further information has since been received by my board from Saint Lucia.

On the 9th instant I received the following telegram from the British consul at Paramaribo (Surinam), "2 cases suspected yellow fever here;" and by the mail to-day the consul wrote that there had been 3 cases, all of which had died, 2 on the 10th and the other on the 11th, and that there had not been any fresh case since, and the authorities were taking every necessary precaution. All the cases were Hollanders, who had been in the colony only a short time, but there had not been any case amongst the troops. It was thought that the fever had been brought from Curaçoa. We have no direct communication here with Surinam, only by way of Demerara, which has put on quarantine against Surinam. We shall await further developments.

The British consul at Para wrote to me on the 7th instant that from January to October 31 last, there had been reported 185 cases and 56 deaths at Para from yellow fever, 7 of the deaths being in October. In November there were 6 deaths from yellow fever, and 14 cases and 1 death from smallpox; and in December, 11 deaths from yellow fever, and 11 cases and 1 death from smallpox. All the smallpox cases were reported as having been in the isolation hospital, and the consul did not say whether there were other cases outside of the hospital, but he mentioned that no record is kept of cases of yellow fever at private houses, only deaths being reported. Para has been declared infected with yellow fever and smallpox.

Respectfully,

JAS. SANDERSON,  
*Clerk Quarantine Board.*

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

### BRAZIL.

*Reports from Bahia.*

BAHIA, BRAZIL, *January 8, 1902.*

SIR: I have to inform you that interments for the following causes were made in the cemeteries of this city for the week ended January 4,

1902: Arterio sclerosis, 7; bronchitis, 1; malarial fevers, 6; cirrhosis of liver, 3; diarrhea and dysentery, 3; gastro-enteritis, 3; senile debility, 4; Bright's disease, 1; nephritis, 3; pneumonia, 3; syphilis, 1; tetanus, 5; tuberculosis, 18; cardiac syncope, 1; cardiac lesion, 1; stillborn, 2; other causes, 13.

Respectfully,

H. W. FURNISS,  
*United States Consul.*

HON. SECRETARY OF THE TREASURY.

CHINA.

*Report from Hongkong.*

HONGKONG, CHINA, *December 24, 1901.*

SIR: I have the honor to transmit herewith an abstract of the bills of health issued at this station during the week ended December 21, 1901.

Thirteen vessels were inspected during the week, 724 individuals were bathed at the disinfecting station, and 812 bundles of clothing and bedding were disinfected.

The sanitary reports for the week show 1 case of smallpox, otherwise there were no communicable diseases in the colony during the period covered by this report.

The mortality returns for the month of November, appearing in the Government Gazette, show that there were 442 deaths from all causes. Twenty-eight of this number were among the British and foreign population, showing a death rate of 35.1 per 1,000. Five of the number were among the army, 1 in the navy, and the rest were among the Chinese population. The death rate among the Chinese population was 17.4 per 1,000, less than half the death rate among the British and foreign population.

The deaths due to infectious diseases were as follows, viz, diphtheria, 2; enteric fever, 2; diarrhea, 27; dysentery, 9; bubonic plague, 1; malaria, 62; beriberi, 51; general tuberculosis, 17; tubercular meningitis, 2; tetanus, 17; pneumonia, 16; bronchitis, 38; phthisis, 59, and meningitis, 2.

Respectfully,

JOHN W. KERR,  
*Assistant Surgeon, U. S. M. H. S.*

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

CUBA.

*Reports from Cienfuegos, Casilda, and Santa Cruz del Sur.*

CIENFUEGOS, CUBA, *January 20, 1902.*

SIR: Through the chief quarantine officer for the island of Cuba, I have the honor to transmit the following report of the transactions for the district under my command for the week ended January 18, 1902:

Twenty-one deaths have occurred in this city; of these 7 occurred in the civil hospital. No contagious diseases reported. Causes of death were as follows: Tuberculosis, 4; insufficiency, mitral, 2; enteritis, 2; paludism, 2; pneumonia, 1; endocarditis, 1; atrepsia, 1; old age, 1; intestinal obstruction, 1; meningitis, 1; cancer of the stomach, 1; softening of the brain, 1; broncho-pneumonia, 1; sclerosis, arterial, 1; lack of development, 1. Death rate per 1,000 inhabitants, 27.38.

The German training ship *Stein*, with crew of 477 men, arrived at this port January 15, with 3 cases of typhoid fever on board, taken

sick at sea shortly after leaving San Juan, P. R. Vessel had visited Kingston, Jamaica, and the island of St. Thomas, infection being attributed to Kingston.

The city health officer did not consent to the transfer of patients to any hospital in this city, alleging that typhoid fever was not prevalent, and moreover it was considered a quarantinable disease by the local sanitary regulations. Patients remained on board until vessel left for Havana, two days afterwards.

Six vessels inspected and passed, granted free pratique; 1 vessel, German training ship *Stein*, boarded and held; 3 vessels admitted without inspection; no alien steerage passengers landed at this port, and 21 bills of health issued vessels leaving this port.

*Casilda*.—Acting Asst. Surg. A. Cantero reports 6 deaths in the city of Trinidad. No contagious diseases reported; 10 vessels inspected and passed, granted free pratique; 11 bills of health issued vessels leaving Casilda, and no alien steerage passengers landed at that port.

*Santa Cruz del Sur*.—Acting Asst. Surg. P. M. Quevedo reports no deaths at that port for the week ended January 11, 1902; no contagious diseases reported; health of port, good; 6 vessels inspected and passed, granted free pratique; 7 bills of health issued vessels leaving that port, and no alien steerage passengers landed at that port.

Respectfully,

E. F. NUNEZ,

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

The SURGEON-GENERAL,

*U. S. Marine Hospital Service.*

CIENFUEGOS, CUBA, *January 27, 1902.*

SIR: Through the chief quarantine officer for the island of Cuba, I have the honor to transmit the following report of the transactions at this station and substations in the district under my command, for the week ended January 25, 1902:

Thirteen deaths have occurred in this city; of these 4 occurred in the civil hospital. Causes of death as follows: Enteritis, 3; meningitis, 1; atresia, 1; old age, 1; placenta previa, 1; epithelioma, 1; sclerosis, arterial, 1; hemorrhage, cerebral, 1; tetanus, infantile, 1; Bright's disease, 1; hemophilia, 1; death rate per 1,000 inhabitants, 16.94.

January 22 a case of diphtheria was reported in this city; all precautions have been taken to prevent the propagation of the disease. Seven vessels inspected and passed, granted free pratique; 3 vessels admitted without inspection; 1 vessel, gunboat *Yankton*, boarded and passed; 19 bills of health issued vessels leaving Cienfuegos, and 3 alien steerage passengers inspected, passed, and allowed to land.

*Casilda*.—Acting Asst. Surg. A. Cantero reports 2 deaths in the city of Trinidad. No contagious diseases reported. Eleven vessels inspected and passed, granted free pratique; 10 bills of health issued vessels leaving Casilda, and no alien steerage passengers landed at that port.

*Santa Cruz del Sur*.—Acting Asst. Surg. P. M. Quevedo reports 1 death at that port during the week ended January 18. No contagious diseases reported in that vicinity. Six vessels inspected and passed, granted free pratique; 6 bills of health issued vessels leaving Santa Cruz del Sur, and no alien steerage passengers landed at that port.

Respectfully,

E. F. NUNEZ,

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

The SURGEON-GENERAL,

*U. S. Marine Hospital Service.*

*Inspection of immigrants at Cienfuegos during the week ended January 25, 1902.*

CIENFUEGOS, CUBA, *January 27, 1902.*

SIR: I herewith submit report of alien steerage passengers at this port during the week ended January 25, 1902. January 25, steamship *Uto*, from *Barranquilla*, with 3 immigrants.

Respectfully,  
 E. F. NUNEZ,  
*Acting Assistant Surgeon, U. S. M. H. S.*

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

*Reports from Havana and Batabano.*

HAVANA, CUBA, *January 23, 1902.*

SIR: I have the honor to inclose herewith mortuary statistics of the city of Havana, for the week ended January 18, 1902, together with the weekly report of transactions of this station.

*Batabano*.—Acting Asst. Surg. Jose M. Campos reports having inspected 8 vessels on arrival and issued bills of health to 7 vessels during the week

Respectfully,  
 A. H. GLENNAN,  
*Surgeon, U. S. M. H. S.,  
 Chief Quarantine Officer for the Island of Cuba.*

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

[Inclosure.]

*Summary of transactions at Havana for week ended January 18, 1902.*

PASSENGER DEPARTMENT.

Number of passengers inspected.....	221
Number of passengers vaccinated.....	2
Total.....	<u>223</u>

OUTDOOR DEPARTMENT.

Crews of incoming vessels inspected.....	2, 192
Crews of outgoing vessels inspected.....	1, 415
Passengers of incoming vessels inspected.....	564
Passengers of outgoing vessels inspected.....	410
Total.....	<u>4, 581</u>

Number of immigrants inspected and passed.....	263
Number of immigrants recommended for further investigation.....	6
Total number of immigrants inspected.....	<u>269</u>

Number of vaccination certificates issued.....	10
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SHORE-DISINFECTING PLANT.

Baggage disinfected.....	40
Baggage inspected and passed.....	624
Express inspected and passed.....	41
Freight inspected and passed.....	3, 051
Total number of pieces handled.....	<u>3, 756</u>



## MORTUARY REPORT.

Tuberculosis.....	23	Diphtheria .....	1
Typhoid fever .....	3	Pernicious fever.....	1
Enteritis .....	7	Total number deaths from all causes...	105
Pneumonia .....	5		

HAVANA, CUBA, *January 25, 1902.*

SIR: I have the honor to inclose herewith report of transactions of this station, for the week ended January 25, 1902.

*Batabano.*—Acting Asst. Surg. Jose M. Campos, reports, having inspected 6 vessels on arrival and issued bills of health to 9 outgoing vessels.

Respectfully,

A. H. GLENNAN,  
*Surgeon, U. S. M. H. S.,*

*Chief Quarantine Officer for the Island of Cuba.*

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

*Inspection of immigrants at Havana for the week ended January 18, 1902.*

HAVANA, CUBA, *January 18, 1902.*

SIR: I herewith submit report of alien steerage passengers arriving at this port during the week ended January 18, 1902.

Date.	Vessel.	Where from.	No. of immigrants.
Jan. 12	Steamship Maria Herrers .....	Porto Rico .....	4
Jan. 13	Steamship Telesfora.....	Liverpool .....	1
Do.....	Steamship Esperanza.....	Vera Cruz .....	28
Do.....	Steamship Mascotte.....	Key West.....	1
Do.....	Steamship Seneca.....	Tampico.....	2
Do.....	Steamship Miami.....	Miami .....	1
Jan. 14	Steamship Aransas.....	New Orleans.....	12
Do.....	Steamship Yucatan.....	New York .....	31
Jan. 15	Steamship Mexico .....	.....do.....	11
Do.....	Steamship Santanderino.....	Liverpool and Spain .....	115
Do.....	Steamship La Normandie .....	Vera Cruz .....	13
Do.....	Steamship Olivette.....	Tampa and Key West.....	1
Do.....	Steamship Buenos Aires.....	Spain and New York.....	25
Jan. 18	Steamship Alfonso XII.....	Vera Cruz .....	20
Do.....	Steamship Olivette.....	Tampa and Key West.....	2
	Total .....		267

Respectfully,

A. H. GLENNAN,  
*Surgeon, U. S. M. H. S.*

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

*Inspection of immigrants at Havana for the week ended January 25, 1902.*

HAVANA, CUBA, *January 25, 1902.*

SIR: I herewith submit report of alien steerage passengers arriving at this port during the week ended January 25, 1902.

Date.	Name.	Where from.	No. of immi- grant-.
Jan. 19	Steamship Havana.....	New York.....	18
Do....	Steamship Darien.....	Liverpool.....	2
Do....	Steamship Berenguer el Grande....	Spain and Santo Domingo.....	296
Jan. 20	Steamship Mascotte.....	Tampa and Key West.....	1
Do....	Steamship Monterrey.....	Vera Cruz and Progreso.....	83
Do....	Steamship Chalmette.....	New Orleans.....	8
Jan. 21	Steamship Moro Castle.....	New York.....	25
Jan. 25	Steamship Olivette.....	Tampa and Key West.....	9
	Total.....	.....	442

Respectfully,

A. H. GLENNAN,  
*Surgeon, U. S. M. H. S.*

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

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

MATANZAS, CUBA. *January 22, 1902.*

SIR: Through the chief quarantine officer for the island of Cuba, I have the honor to submit herewith the following report of the transactions of the Service in the second quarantine division of Cuba for the week ended January 18, 1902 :

During the period covered by this report 19 deaths occurred in the city of Matanzas from the following causes : Tuberculosis, 5 ; pneumonia, 2 ; pleuro-pneumonia, 2 ; heart disease, 2 ; infectious enteritis, 1 ; heart failure, 1 ; septicaemia, 1 ; congenital debility, 1 ; eclampsia, 1 ; nephritis, 1 ; meningitis. 1 ; tumor, 1.

It will be noted that pulmonary diseases have been the cause of death in almost one-half of the cases. This is probably due to the fact that the weather has been variable, the days being warm and the nights and early mornings cold and damp.

Granting an estimated population of 48,552, the above number of deaths shows a mortality of 20.42 per 1,000 per annum, which is a slight increase over the previous week.

No cases of a highly infectious or contagious character were reported.

Seven vessels arrived at this port during the week ; 3 of these were inspected and passed and 4 passed without inspection. Bills of health were issued to 7 vessels, 1 of which, bound for New York, was inspected before departure.

*Cardenas.*—Acting Asst. Surg. Enrique Saez reports as follows : Foreign vessels arrived during the week, 2 ; coastwise vessels arrived during the week, 14. Total, 16. Bills of health issued to foreign vessels, 3 ; bills of health issued to coastwise vessels, 12 Total, 15.

Eight deaths occurred during the week of the following causes : Heart disease, 2 ; pleurisy, 1 ; puerperal septicaemia, 1 ; acute gangrene, 1 ; chronic nephritis, 1 ; senility, 1 ; enteritis, 1. The death rate was 16.80 per 1,000. No cases of quarantinable diseases were reported during the week.

*Isabela de Sagua*.—Acting Asst. Surg. Pedro Garcia Riera reports 6 deaths in the municipal district of Sagua for the week ended January 18, of the following causes: Asphyxia by drowning, 1; mitral insufficiency, 1; pneumonia, 1; senility, 2; shock, 1. The death rate was 14.62.

Thirteen vessels arrived during the week, 2 of which were inspected and passed; the remainder were passed without inspection. Bills of health were issued to 12 vessels.

*Caibarien*.—Eight vessels arrived and 7 bills of health were issued during the week. None of these vessels required inspection. Three deaths were reported, 2 stillborn and 1 from congenital debility and lack of development. The death rate was 18.10 per 1,000. No contagious or infectious diseases have been reported.

Respectfully,

G. M. GUITÉRAS,  
Passed Assistant Surgeon, U. S. M. H. S.,  
In Command.

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

MATANZAS, CUBA, *January 28, 1902.*

SIR: Through the chief quarantine officer for the island of Cuba, I have the honor to submit herewith the following sanitary report of the quarantine district under my command for the week ended January 25, 1902:

*Matanzas*.—Eleven deaths occurred in the city of Matanzas during the period covered by this report, showing a mortality of 12.67 per 1,000. The principal causes of death were as follows: Tuberculosis, 2; tetanus, infantile, 2; congenital debility, 1; uræmia, 1; nephritis, 2; other causes, 3. One case of diphtheria was reported. Nine vessels arrived during the week; 5 of these were inspected and passed and 4 passed without inspection; 8 bills of health were issued to vessels leaving the port.

*Cardenas*.—Acting Asst. Surg. Enrique Saez reports that 9 deaths occurred in Cardenas during the week of the following causes: Tuberculosis, 4; cerebral hemorrhage, 1; pneumonia, 1; heart disease, 1; nephritis, 1; tetanus, infantile, 1. No case of infectious or contagious character was reported. The death rate during the week was 18.90 per 1,000. Eighteen vessels arrived during the week; 1 of these was inspected and passed and 17 passed without inspection; 20 bills of health were issued to vessels leaving the port.

*Isabela de Sagua*.—Acting Asst. Surg. Pedro Garcia Riera reports that 15 vessels arrived during the week; 3 of these were inspected and passed and 12 passed without inspection; 13 bills of health were issued to vessels leaving the port; no sanitary report has been received.

*Caibarien*.—Acting Asst. Surg. Leoncio Junco reports that 2 deaths occurred in the municipal district of Caibarien of the following causes: Eclampsia, infantile, 1; infectious purpura, 1. No case of infectious or contagious character was reported. The death rate during the week was 12.07 per 1,000; 8 vessels arrived and were passed without inspection; 7 bills of health were issued to vessels leaving the port.

Respectfully,

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

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

*Reports from Nuevitas, Puerto Padre, Gibara, and Baracoa.*NUEVITAS, CUBA, *January 20, 1902.*

SIR: Through the chief quarantine officer for the island of Cuba, I have the honor to submit the following report for the week ended January 18, 1902: Four vessels arrived at this port and 5 bills of health were issued. There were 2 deaths, 1 from pneumonia and 1 from infantile tetanus. The weather continues cool; there has been more cold weather than in the preceding winters.

*Puerto Padre.*—Report shows the arrival of 5 vessels, the issuance of 4 bills of health, 1 death from colic, and good sanitary condition.

*Gibara.*—Report shows the arrival of 9 vessels, the issuance of 9 bills of health, 2 deaths—1 from pernicious anæmia and 1 from puerperal septicæmia—and good sanitary condition.

*Baracoa.*—Report shows the arrival of 3 vessels, the issuance of 5 bills of health, 2 deaths, and good sanitary condition. No quarantinable disease is reported at any point in the district.

Respectfully,

OWEN W. STONE,

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

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*NUEVITAS, CUBA, *January 27, 1902.*

SIR: Through the chief quarantine officer for the island of Cuba, I have the honor to submit the following report for the week ended January 25, 1902: Seven vessels arrived at this port during the week and 4 bills of health were issued. There was reported 1 death from infantile tetanus. The weather keeps cool and windy.

*Puerto Padre.*—Report shows the arrival of 6 vessels, the issuance of 6 bills of health, 1 death from enteritis, and good sanitary condition.

*Gibara.*—Report shows the arrival of 10 vessels, the issuance of 11 bills of health, 2 deaths—1 intestinal obstruction, infantile tetanus, 1.

*Baracoa.*—Report shows the arrival of 4 vessels, the issuance of 3 bills of health, 3 deaths—tuberculosis, 2; malarial fever, 1—and good sanitary condition. No quarantinable disease is reported at any point in the district.

Respectfully,

OWEN W. STONE,

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

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.**Reports from Santiago, Manzanillo, Guantanamo, and Daiquiri.*SANTIAGO DE CUBA, *January 17, 1902.*

SIR: Through the chief quarantine officer for the island of Cuba, I have the honor to transmit herewith the following report for the week ended January 11, 1902:

*Santiago.*—There was a total of 15 deaths reported during this period, making the annual rate of mortality for the week 18.1 per 1,000. The causes of death were as follows: Fever, intermittent malarial, 1; tubercle of lungs, 1; syphilis, 1; cancer of the stomach, 1; diabetes, 2; cerebral congestion and hemorrhage, 1; organic diseases of the heart, 1; angina pectoris, 1; pneumonia, 2; hemoptysis, 1; diarrhea and enteritis (under 2 years), 1; burns and scalds, 1; ill-defined causes of death, 1. During the week 7 vessels were inspected and passed on

arrival, 5 vessels were passed without inspection, and the French steam frigate *Duguay Trouin* was boarded and passed on medical officer's certificate; 8 vessels received bills of health prior to departure.

*Manzanillo*.—Acting Asst. Surg. R. de Socarras reports 3 deaths, due to the following causes: Epilepsy, 1; pneumonia, 1; diarrhea and enteritis (2 years and over) 1. Annual rate of mortality for the week, 10.78 per 1,000. During the week 3 vessels were inspected and passed on arrival, 3 vessels were passed without inspection, and 9 vessels were issued bills of health prior to leaving port.

*Guantanamo*.—Acting Asst. Surg. Luis Espin reports 6 deaths, due to the following causes: Fever, intermittent malarial, 1; broncho-pneumonia, 1; pneumonia, 2; cirrhosis of the liver, 1; wounds by firearms, 1. Annual rate of mortality for the week, 17.33 per 1,000. During the week 6 vessels arrived, of which 3 were inspected and passed, and 3 passed without inspection; 4 bills of health were issued.

*Daquiri*.—Acting Asst. Surg. Juan J. de Jongh reports that no deaths have occurred, and 1 vessel was inspected and passed on arrival; 1 vessel received bill of health.

Respectfully,

R. H. VON EZDORF,  
*Assistant Surgeon, U. S. M. H. S.*

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

[Inclosure.]

*Port of Santiago de Cuba—Summary report for month of December, 1901.*

Number of vessels inspected and passed on arrival.....	33
Number of vessels passed without inspection.....	21
Number of vessels issued bills of health.....	38
Number of vessels disinfected.....	2
Number crew of incoming vessels inspected.....	1, 140
Number crew of incoming vessels passed without inspection.....	711
Number passengers of incoming vessels inspected.....	671
Number passengers of incoming vessels passed without inspection.....	739
Number crew of outgoing vessels inspected.....	1, 555
Certificates of vaccination issued:	
Immune.....	2
Nonimmune.....	74
Applicants for immune certificates rejected.....	63
Number persons vaccinated.....	2
Number of immigrants inspected.....	292
Number pieces of baggage disinfected.....	82
Number pieces of baggage inspected and passed.....	
Quarantinable diseases reported.....	
Number of deaths in city.....	82

ENGLAND.

*Report from Liverpool.*

LIVERPOOL, ENGLAND, *January 18, 1902.*

SIR: I have the honor to state that for the week ended January 18, 1902, there were reported to the city health authorities 2 cases of small-pox, 1 originating in the city and 1 a rejected immigrant from Antwerp; 13 cases of typhoid fever, 144 cases of scarlet fever, 16 cases of diphtheria, 12 cases of measles, and 131 cases of whooping cough.

The situation in regard to plague remains the same as last week.

Respectfully,

CARROLL FOX,  
*Assistant Surgeon, U. S. M. H. S.*

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

## GERMANY.

*Report from Berlin—Plague and cholera in various countries.*

BERLIN, GERMANY, January 20, 1902.

SIR: I have the honor to transmit the following information, obtained from the imperial health office at Berlin:

*Plague.*

**TURKEY.**—According to a report dated January 7, a case of plague has been registered at Beirut.

**EGYPT.**—On December 27, 1901, 4 new cases and 2 deaths were recorded in Egypt, viz, 3 cases (1 death) in Tantah and 1 case (1 death) in Ziftah.

**BRITISH INDIA.**—During the week ended December 13, 1901, there were registered in the Bombay Presidency 6,958 new plague cases and 5,145 deaths—that is to say, 654 cases and 599 deaths less than during the foregoing week. In the city of Bombay during the same period there occurred 206 new cases and 141 deaths. Besides these, 141 deaths were designated as suspected plague. The total mortality of the city decreased from 841 deaths in the previous week to 776.

*Plague and cholera.*

**BRITISH INDIA.**—In Calcutta during the period from December 1 to December 7, 48 deaths from cholera were recorded. There also occurred 31 plague cases and 30 deaths.

*Cholera.*

**DUTCH INDIA.**—In the district of Soerabaya there were registered between November 17 and November 30, 660 cases of cholera and 457 deaths

Respectfully,

FRANK H. MASON,  
*United States Consul-General.*

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

[Synopsised translation.]

*The occurrence of plague among ship-borne rats and its epidemiological importance, with chart.*

[By government-councillor, Prof. H. Kossel, member of the imperial health office at Berlin, and Dr. Nocht, medical officer at the port of Hamburg.]

During recent years single cases as well as great outbreaks of the plague have repeatedly occurred, in which there was no evidence to show that the infectious stuff was introduced by human beings, so that it had to be assumed that the transmission had taken place in another manner. The circumstance that in those countries smitten with the pestilence the seaports were the first to be attacked and that the origin of the disease was almost invariably traced to the immediate vicinity of the docks, certainly seemed to indicate that the sea traffic was in some way connected with the introduction of the disease. But in what manner this sea traffic participated in the spread of the plague, without the medium of human plague patients, hitherto only the merest suppositions could be entertained.

If we follow the plague on the course it has taken, after it had descended from its mountain home in the interior of the Asiatic Conti-

nent to the coast, and since in 1894 by its outbreak in Hongkong it made its appearance at the gates of the world's traffic, we observe how it first spread out toward the west and subsequently in the most different directions, now creeping slowly from place to place and then suddenly appearing at great distances in the most remote parts of the earth.

During the first two years it was confined to places in East Asia, in 1896 it took root in India, and in the fall of the same year it made an advance toward London. Happily, no further infection resulted from the cases of the 2 stewards on a steamship arriving in London from India, or from the cases which later repeatedly occurred. The insignificant progress which the plague at first made in India and in Arabia, so ill-famed in former times, seemed to encourage the hope that the slight durability of the plague-infectious matter outside of the human body was unfavorable to the transmission of the disease over great distances, but after Madagascar had been infected in 1898, the year 1899 brought the news of its appearance on 3 other continents, namely, Africa (Alexandria and Lourenco Marquez), South America (Asuncion, Rosario, Santos), and, finally, Europe (Oporto and South Russia). Japan, too (in whose territory, Formosa, since 1894, serious plague epidemics had been raging), was attacked (Kobe and Osaka), as well as the Sandwich Islands and New Caledonia. Finally, during the past year, the pestilence advanced to Australia, took root in the summer of 1900 again upon European soil, in Glasgow, and in recent times spread out in South Africa. The number of seaports in which, during the past year, vessels with plague patients on board have entered without causing further infection is considerable.

We note, therefore, that the plague in its wanderings follows, for the most part, the routes of the great sea traffic and takes root in seaports, while the spread of the pestilence inland only takes place very slowly or not at all, if it is not assisted by a wholesale flight, as in India, where the disease was thus spread out over a large territory in a brief space of time. Nevertheless, people in India have often been surprised to observe that the introduction of the plague by human beings has, even under unfavorable hygienic conditions, remained without further consequences. The same thing has happened in European ports, even where the persons infected were not immediately rendered harmless by isolation, because of the nature of their disease remaining unrecognized. In those ports, however, in which the plague had developed into an epidemic, the disease could hardly ever be traced to the arrival of a plague patient. Generally, the source of the infection remained undiscovered.

Inasmuch as there are in ocean vessels more or less large numbers of rats on board, and the epidemiological observations of the past years have taught us that these animals are susceptible to plague and can easily transmit the disease to other animals of their kind, a suspicion had certainly existed from the very beginning that the rats had played a part in the introduction of the plague in the cases last mentioned.

To take a few examples from recent times, the origin of the plague in Oporto was traced by the German bacteriologists, sent to investigate the occurrence of the pestilence, to transmission by means of sick or dead rats, and in Sydney the cause of the epidemic of plague in 1900 was also considered to be the rats suffering with this disease. Furthermore, the plague cases which occurred on the English steamer *Highland Prince* in the fall of 1900 can hardly be otherwise explained than by

the assumption that plague among the ship rats had preceded the outbreak.

Recently 2 ships have arrived in European ports, on which rat plague was clearly proved to exist. Cases of plague among the people on board, however, were not ascertained. Both point to Smyrna as the suspected source of infection. They show clearly enough the danger which threatens our ports through the ship-borne rats.

*Chart showing course of plague since 1894.*

BERLIN, GERMANY, *November 26, 1901.*

SIR: I have the honor to transmit herewith a chart published by the imperial health office at Berlin, showing the course of the plague since 1894. The map was included as an illustration in the article: "The plague among ship-borne rats and its epidemiological importance," by Professor Kossell of the imperial health office and Dr. Nocht, physician at the port of Hamburg, appearing in volume 18 of the works of the said office, and of which a synopsis is forwarded. The dotted red line indicates the steamship routes. A *cross* stands for a single case and a *dot* indicates an epidemic, the various periods being shown by the different colors, viz, blue, yellow, green, red, and black. A small circle within a larger one means endemic center.

Referring to the chart, the authors of the article say:

"If we follow the plague on the way it has taken, after it had descended from its mountain home into the interior of the Asiatic Continent, thence to the coast, and since 1894, when it broke out in Hong-kong and appeared at the doors of the world's traffic, we next watch how it spread out toward the west and then, in the most different directions, at one time slowly crawling from place to place, at another suddenly appearing in remote corners of the earth."

Hoping the map may be of some interest to you,

Respectfully,

FRANK H. MASON,  
*United States Consul-General.*

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

HAWAII.

*Report of quarantine on outgoing vessels.*

HONOLULU, H. I., *January 21, 1902.*

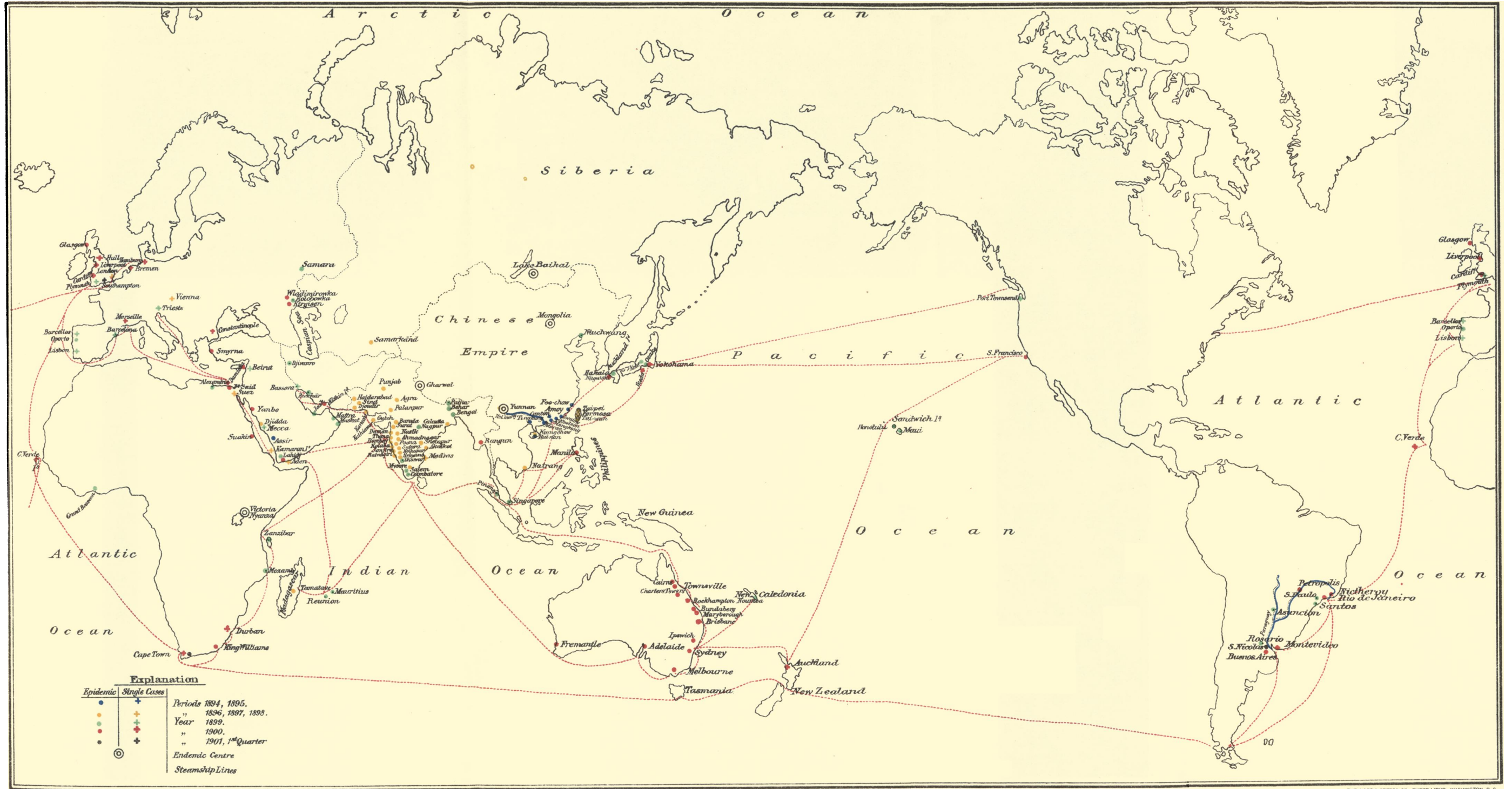
SIR: I have the honor to report the outgoing quarantine transactions at this port for the week ended January 18, 1902, as follows: Number of steamers inspected and passed, 2; number of sailing vessels inspected and passed, 7; number of cabin passengers inspected and passed, 50; number of steerage passengers inspected and passed, 56; number of crew inspected and passed, 128; number of pieces of baggage disinfected, 105; number of sailing vessels disinfected, 7; number of inter-island steamships disinfected, 2; number of wharves fumigated, 1.

Respectfully,

L. E. COFER,  
*Passed Assistant Surgeon, U. S. M. H. S.,  
Chief Quarantine Officer, Hawaii.*

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





**Explanation**

Epidemic	Single Cases	
●	+	Periods 1817, 1895.
●	+	" 1896, 1897, 1898.
●	+	" 1899.
●	+	" 1900.
●	+	" 1901, 1 <sup>st</sup> Quarter
⊙		Endemic Centre
—		Steamship Lines

*Maritime quarantine transactions for the Hawaiian Islands during December, 1901.*

HONOLULU, H. I., *January 10, 1902.*

SIR: I have the honor to transmit the following report of quarantine transactions in the Hawaiian Islands for the month of December, 1901:

PORT OF HONOLULU.

Number of vessels inspected—	
From foreign ports.....	19
From domestic ports.....	34
Number of passengers inspected—	
Cabin.....	805
Steerage and stowaways.....	3,095
Number of crew inspected.....	3,036
Number of sick in detention from last month.....	0
Number in detention from last month.....	206
Number of sick in detention for this month.....	0
Number in detention for this month.....	1,138
Number of pieces of baggage disinfected.....	1,811
Number of packages of freight disinfected.....	78

PORT OF HILO.

Number of vessels inspected.....	7
Number of passengers inspected.....	10
Number of crew inspected.....	86
Vessels remanded.....	0

PORT OF KAHULUI.

Number of vessels inspected.....	4
Number of passengers inspected.....	0
Number of crew inspected.....	46
Vessels remanded.....	0

PORT OF KIHAI.

Number of vessels inspected.....	0
Number of passengers inspected.....	0
Number of crew inspected.....	0
Vessels remanded.....	0

PORT OF LAHAINA.

Number of vessels inspected.....	0
Number of passengers inspected.....	0
Number of crew inspected.....	0
Vessels remanded.....	0

PORT OF KOLOA.

Number of vessels inspected.....	1
Number of passengers inspected.....	4
Number of crew inspected.....	11
Vessels remanded.....	0

Respectfully,

L. E. COFER,  
*Passed Assistant Surgeon, U. S. M. H. S.,*  
*Chief Quarantine Officer, Hawaii.*

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

## ITALY.

*Report from Naples—Condition of smallpox.*

NAPLES, ITALY, January 20, 1902.

SIR: I have the honor to report that for the week ended January 18, 1902, the following ships were inspected at Naples:

January 13, the steamship *Calabria*, of the Anchor Line, bound with passengers and cargo for New York. There were inspected and passed 209 steerage passengers and 50 pieces of large baggage; 350 pieces of baggage were disinfected by steam.

January 14, the steamship *Scotia*, of the Hamburg American Line, bound with passengers and cargo for New York. There were inspected and passed 282 steerage passengers and 45 pieces of large baggage; 360 pieces of baggage were disinfected by steam,

January 15, the steamship *Nord America*, of the Veloce Line, bound with passengers and cargo for New York. There were inspected and passed 538 steerage passengers and 70 pieces of large baggage; 850 pieces of baggage were disinfected by steam.

January 16, the steamship *Hohenzollern*, of the North German Lloyd Steamship Company, bound with passengers and cargo for New York. There were inspected and passed 99 steerage passengers and 15 pieces of large baggage; 100 pieces of baggage were disinfected by steam.

January 18, the steamship *Neustria*, of the Fabre Line, bound with passengers and cargo for New York. There were inspected and passed 222 steerage passengers and 28 pieces of large baggage; 300 pieces of baggage were disinfected by steam.

*Smallpox at Naples.*

During the week ended January 18, 1902, there were officially reported at Naples 15 cases of smallpox and 3 deaths.

Respectfully,

J. M. EAGER,

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

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

## JAPAN.

*Reports from Yokohama.*

YOKOHAMA, JAPAN, January 9, 1902.

SIR: I have the honor to report the following items which have appeared in the daily press and which I believe to be official:

“Rinderpest has broken out in Okubomura, a suburb of Tokio, 7 cows being found affected on 1 farm and 18 on another.” “An outbreak of bubonic plague is reported from Keelung, Formosa, and the disease is spreading to other districts.”

A telegram from the office of the governor-general of Formosa, states that during the year 1901 there occurred in the island 4,486 cases of plague, of which 3,599 were fatal.

Respectfully,

J. SPENCER HOUGH,

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

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

*Report from Yokohama—Diphtheria, dysentery, and rinderpest.*YOKOHAMA, JAPAN, *January 13, 1902.*

SIR: I have the honor to transmit herewith an abstract of bills of health issued at this port during the week ended January 11, 1902. I also transmit under same cover the report of contagious diseases occurring in Yokohama during the month of December, 1901.

During the week there were inspected 5 ships, carrying 441 crew, 22 cabin and 370 steerage passengers. Two hundred and twenty-three steerage passengers from this port were bathed and their effects were disinfected.

The sanitary condition of Yokohama remains good and no case of quarantinable disease has been reported. Diphtheria is prevailing to a considerable extent in and about Tokio, and 3 cases of dysentery occurred during the week. Rinderpest is increasing and spreading in Tokio, and last week cases developed on a dairy farm in Ohta, Yokohama.

Respectfully,

J. SPENCER HOUGH,

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

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

MEXICO.

*Report from Vera Cruz.*VERA CRUZ, MEXICO, *January 26, 1902.*

SIR: I have the honor to make the following report for the week ended January 25:

From all causes there were 49 deaths, 14 of which were from tuberculosis. Six of these deaths were among invalid soldiers who recently came from Yucatan. Only 1 case of yellow fever was reported during the week, and no deaths, this being the first week since September 14 that no deaths have been reported.

Respectfully,

S. H. HODGSON,

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

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

NEW BRUNSWICK.

*Inspection service at St. John.*ST. JOHN, NEW BRUNSWICK, *January 20, 1902.*

SIR: I have the honor to report that during the week ended January 18, 1902, the following vessels and their crews have been inspected at this port: Steamers, 2; schooners, 6; seamen, 97.

Respectfully,

T. DYSON WALKER,

*United States Medical Inspector.*

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*ST. JOHN, NEW BRUNSWICK, *January 27, 1902.*

SIR: I have the honor to report that during the week ended January 25, the following vessels and their crews have been inspected at this port: Steamers, 2; schooners, 3; seamen, 100.

Respectfully,

T. DYSON WALKER,

*United States Medical Inspector.*

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

*Inspection of immigrants at St. John for the week ended January 25, 1902.*ST. JOHN, NEW BRUNSWICK, *January 27, 1902.*

SIR: I have the honor to report that for the week ended January 25, there were inspected 27 immigrants; passed, 26.

Respectfully,

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

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

## PHILIPPINE ISLANDS.

*Report from Manila—Plague cases and deaths.*MANILA, P. I., *December 18, 1901.*

SIR: I have the honor to report that 1 case of plague occurred in Manila during the week ended December 7, 1901, and that during the following week 4 cases, all fatal, were reported.

All these cases occurred at or about the same time and I do not consider that they indicate the commencement of an epidemic, as this will probably not occur for a month or six weeks. They were the first cases since October 22, and none has appeared since the 11th instant.

Respectfully,

J. C. PERRY,  
*Passed Assistant Surgeon, U. S. M. H. S.,*  
*Chief Quarantine Officer for the Philippine Islands.*

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

## SCOTLAND.

*Report from Glasgow.*GLASGOW, SCOTLAND, *January 20, 1902.*

SIR: I have the honor to make the following report for the past week: At the close of the week there were about 40 cases of smallpox in Glasgow, but nearly all the cases are confined to frequenters of the lodging houses. Cases have also occurred in Linlithgow and Dundee, which are traceable to Glasgow. In London the outbreak continues as before, and there are over 800 cases in hospital, and cases have occurred in several English towns traceable to the London outbreak.

Plague returns show that during the week ended January 5 there were 9 cases and 6 deaths from that disease in Egypt, all occurring at Tautch. In Mauritius, for the week ended January 9, there were 37 cases and 22 deaths from this disease. In South Africa there were for the week ended January 4, 1 case reported at Port Elizabeth and 2 deaths.

Respectfully,

A. R. THOMAS,  
*Passed Assistant Surgeon, U. S. M. H. S.*

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

*Foreign and insular statistical reports of countries and cities—Yearly and monthly.*

**AFRICA—Sierra Leone.**—Week ended December 20, 1901. Estimated population, 35,000. Total number of deaths, 17. No contagious diseases.

Week ended January 4, 1902. Total number of deaths, 13. No contagious diseases.

**ARGENTINA—Buenos Ayres.**—Month of November, 1901. Estimated population, 800,000. Total number of deaths, 1,388, including diphtheria, 24; enteric fever, 12; measles, 9; scarlet fever, 22; smallpox, 38, and 153 from tuberculosis.

**FRANCE—Marseille.**—Month of December, 1901. Estimated population, 491,161. Total number of deaths, 1,046, including diphtheria, 1; enteric fever, 14; measles, 26; whooping cough, 4, and 1 from smallpox.

**Nantes.**—Month of December, 1901. Estimated population, 130,000. Total number of deaths, 248, including diphtheria, 1, and 2 from enteric fever.

**St. Etienne.**—Two weeks ended December 31, 1901. Estimated population, 146,559. Total number of deaths, 143, including diphtheria, 2, and 22 from tuberculosis.

**GERMANY—Mainz.**—Year ended December 31, 1901. Estimated population, 72,281. Total number of deaths, 1,581, including diphtheria, 10; enteric fever, 8; measles, 20; scarlet fever, 6; whooping cough, 10, and 240 from tuberculosis.

**GIBRALTAR.**—Two weeks ended January 12, 1902. Estimated population, 27,460. Total number of deaths, 24. No deaths from contagious diseases.

**GREAT BRITAIN—England and Wales.**—The deaths registered in 75 great towns in England and Wales during the week ended January 11, 1902, correspond to an annual rate of 18.3 per 1,000 of the aggregate population, which is estimated at 14,800,427.

**Bradford.**—Two weeks ended January 11, 1902. Estimated population, 281,770. Total number of deaths, 181, including diphtheria, 1; enteric fever, 2; measles, 5; scarlet fever, 1; whooping cough, 2, and 15 from tuberculosis.

**London.**—One thousand six hundred and thirty-three deaths were registered during the week, including measles, 38; scarlet fever, 14; diphtheria, 27; whooping cough, 22; enteric fever, 11; smallpox, 45, and diarrhea and dysentery, 12. The deaths from all causes correspond to an annual rate of 18.6 per 1,000. In Greater London 2,202 deaths were registered. In the "outer ring" the deaths included 4 from diphtheria, 2 from measles, 3 from smallpox, and 1 from whooping cough.

**Ireland.**—The average annual death rate represented by the deaths registered during the week ended January 11, 1902, in the 21 principal

town districts of Ireland was 20.6 per 1,000 of the population, which is estimated at 1,092,322. The lowest rate was recorded in Kilkenny, viz, 0.0, and the highest in Portadown, viz, 36.3 per 1,000. In Dublin and suburbs 186 deaths were registered, including diphtheria, 3; enteric fever, 3; measles, 1; whooping cough, 2, and 30 from tuberculosis.

*Scotland.*—The deaths registered in 8 principal towns during the week ended January 11, 1902, correspond to an annual rate of 19.6 per 1,000 of the population, which is estimated at 1,679,923. The lowest mortality was recorded in Perth, viz, 10.9, and the highest in Greenock, viz, 21.9 per 1,000. The aggregate number of deaths registered from all causes was 633, including diphtheria, 4; measles, 23; scarlet fever, 2, and 5 from whooping cough.

*ITALY—Genoa.*—Month of September, 1901. Estimated population, 230,969. Total number of deaths, 229, including diphtheria, 5; enteric fever, 5; whooping cough, 3; smallpox, 10, and 51 from tuberculosis.

*MALTA.*—Month of December, 1901. Estimated population, 183,679. Total number of deaths, 377, including diphtheria, 9, and 2 from enteric fever.

*SPAIN—Barcelona.*—Two weeks ended January 25, 1901. Estimated population, 600,000. Total number of deaths not reported. Nine deaths from enteric fever, and 7 from smallpox reported.

*Cadiz.*—Month of December, 1901. Census population, 70,177. Total number of deaths, 238, including enteric fever 2, scarlet fever 3, and 33 from tuberculosis.

*Malaga.*—Month of November, 1901. Estimated population, 133,000. Total number of deaths, 296, including enteric fever 7, and 23 from smallpox.

*Cholera, yellow fever, plague, and smallpox, December 27, 1901, to February 7, 1902.*

[Reports received by the Surgeon-General United States Marine-Hospital Service from United States consuls through the Department of State and other sources.]

[For reports received from June 29, 1901, to December 27, 1901, see PUBLIC HEALTH REPORTS for December 27, 1901.]

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>India:</b>				
Bombay .....	Nov. 28-Jan. 7 .....	7	10	
Calcutta .....	Nov. 24-Jan. 4 .....	4	175	
Madras .....	Nov. 16-Dec. 13 .....	13	69	
<b>Java:</b>				
Batavia .....	Nov. 17-Dec. 7 .....	7	45	27
<b>Straits settlements:</b>				
Singapore .....	Oct. 1-Dec. 7 .....	7	36	

YELLOW FEVER.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Brazil:</b>				
Bahia .....	Dec. 1-Dec. 7 .....	7	1	
Rio de Janeiro .....	Nov. 11-Dec. 22 .....	22	9	
<b>British West Indies:</b>				
Barbados .....	Dec. 13 .....			Prevalent.
<b>Dutch Guiana:</b>				
Paramaribo .....	Jan. 17 .....			Reported.
<b>Mexico:</b>				
Vera Cruz .....	Dec. 15-Jan. 25 .....	25	28	18

PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Africa:</b>				
Mossel Bay, Cape Colony .....	Dec. 6 .....			Reported.
<b>Brazil:</b>				
Rio de Janeiro .....	Nov. 11-Dec. 22 .....	22	53	
<b>China:</b>				
Hongkong .....	Dec. 8-Dec. 14 .....	14	1	1
<b>Egypt:</b>				
Alexandria .....	Apr. 7-Jan. 8 .....	8	52	26
Benha .....	do .....		5	3
Mansourah .....	do .....		1	1
Minieh .....	do .....		5	1
Mit-Gamr .....	do .....		20	11
Port Said .....	do .....		26	16
Tantah .....	do .....		21	12
Zagazig .....	do .....		77	32
Ziftah .....	do .....		11	9
<b>France:</b>				
Marseille .....	Dec. 1 .....	1		On ss. Pehio, from Batoum.
<b>Hawaiian Islands:</b>				
Honolulu .....	Dec. 11-Jan. 6 .....	6		8
<b>India:</b>				
<b>Bombay Presidency and Sind:</b>				
<b>Northern Division—</b>				
Ahmedabad City .....	Nov. 17-Dec. 21 .....	21		2
Bombay City .....	do .....	1,274		835
Broach District .....	do .....	661		423
Kaira District .....	do .....	199		131
Surat District and Town .....	do .....	698		550
Thana District .....	do .....	168		142
<b>Central Division—</b>				
Ahmednagar District .....	do .....		16	11
Khandesh District .....	do .....	1,038		809
Nasik District .....	do .....	496		311
Poonah District and City .....	do .....	2,081		1,770
Satara District .....	do .....	8,560		6,341
Sholapur District and Town .....	do .....		67	47
<b>Southern Division—</b>				
Belgaum District .....	do .....	7,941		6,122
Dharwar District .....	do .....	6,787		4,983
Hubli Town .....	do .....	17		17
Kanara District .....	do .....	142		83
Kolaba District .....	do .....	134		115
Ratnagiri District .....	do .....			50



## Cholera, yellow fever, etc.—Continued.

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>India—Continued.</b>				
<b>Bombay Presidency and Sind—Continued.</b>				
<b>Sind—</b>				
Karachi City and District.	Nov. 17-Dec. 21	316	262	
<b>Political Charges—</b>				
Aundh State	.....do	239	156	
Baroda State	.....do	279	208	
Cutch State	.....do	234	204	
Kathiawar State	.....do	51	30	
<b>Kolhapur and Southern Mahratta Country.</b>				
.....do	.....do	6,751	4,864	
Sachin State	.....do	11	11	
Savanur State	.....do	306	227	
<b>Outside Bombay Presidency and Sind:</b>				
Madras Presidency	.....do	1,124	884	
<b>Bengal—</b>				
Burdwan Division	.....do			
Calcutta	.....do	116	115	
Chota Nagpur Division	.....do	233	182	
Orissa	.....do			
Patna	.....do	1,363	939	
<b>Northwest Province and Oudh:</b>				
Allahabad Division	.....do	254	202	
Benares Division	.....do	471	458	
<b>Punjab:</b>				
Delhi Division	.....do	1,311	950	
Jullunder Division	.....do	4,549	2,498	
Lahore Division	.....do	3,587	1,969	
Rawalpindi Division	.....do	3,642	2,235	
<b>Mysore State:</b>				
Bangalore City, District, and Military Station.	.....do	1,307	971	
Chitaldrug District	.....do	208	167	
Kadur District	.....do	30	22	
Kolar District and Gold Fields.	.....do	23	19	
Mysore City and District	.....do	1,229	959	
Shimoga District	.....do	109	63	
Hyderabad State	.....do	95	55	
Tumkur District	.....do	12	12	
<b>Kashmir:</b>				
Jammu Province	.....do	1,670	865	
Mauritius	Nov. 29-Jan. 9	174	103	
<b>Philippine Islands:</b>				
Manila	Dec. 1-Dec. 14	5	5	

## SMALLPOX.

<b>Argentina:</b>				
Buenos Ayres	Oct. 1-Nov. 30		99	
<b>Austria-Hungary:</b>				
Prague	Dec. 1-Jan. 14	47		
<b>Belgium:</b>				
Antwerp	Dec. 10-Jan. 11	7	1	
Ghent	Dec. 8-Jan. 11		17	
<b>Brazil:</b>				
Rio de Janeiro	Nov. 11-Dec. 22		279	
Pernambuco	Nov. 1-Nov. 30		130	
<b>Canada:</b>				
Quebec	Dec. 15-Jan. 25	225	1	
<b>Colombia:</b>				
Cartagena	Nov. 25-Jan. 12		22	
Panama	Dec. 17-Jan. 13	48		
<b>Cuba:</b>				
Ciego de Avila, Puerto Principe.	Jan. 12	1		From Canada.
<b>Ecuador:</b>				
Guayaquil	Sept. 23-Dec. 7		30	
<b>England:</b>				
Bristol	Jan. 5-Jan. 11	1	1	
Liverpool	Dec. 15-Jan. 11	7		One from ship from Boston.
London	Dec. 8-Jan. 11		185	
Newcastle-on-Tyne	Dec. 22-Jan. 11	6		
Sheffield	Dec. 22-Dec. 28	1		

*Cholera, yellow fever, etc.—Continued.*

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
France:				
Lyons.....	Dec. 1-Dec. 7	.....	1	
Marseille.....	Dec. 1-Dec. 31	.....	1	
Nantes.....	.....do.....	3	.....	
Nice.....	Nov. 1-Nov. 30	.....	1	
Paris.....	Dec. 8-Jan. 11	.....	27	
Greece:				
Athens.....	Jan. 5-Jan. 11	1	.....	
India:				
Bombay.....	Dec. 18-Jan. 7	.....	2	
Calcutta.....	Dec. 1-Dec. 28	.....	3	
Karachi.....	Nov. 25-Jan. 5	46	10	
Madras.....	Nov. 16-Dec. 6	5	5	
Italy:				
Milan.....	Nov. 1-Nov. 30	1	.....	
Naples.....	Dec. 1-Jan. 11	152	12	
Palermo.....	Dec. 29-Jan. 11	.....	2	
Jamaica:				
Kingston.....	Dec. 22-Dec. 28	1	.....	From Colon.
Port Antonio.....	Jan. 5-Jan. 11	1	.....	
Japan:				
Nagasaki.....	Dec. 11-Dec. 20	1	.....	
Liberia:				
Monrovia.....	Dec. 8-Dec. 14	.....	1	
Malta:				
Valletta.....	Dec. 11-Jan. 4	4	.....	
Manitoba:				
Winnipeg.....	Dec. 8-Jan. 27	19	.....	
Mexico:				
City of Mexico.....	Dec. 9-Dec. 15	86	34	
New Brunswick:				
Lynnfield.....	Jan. 18.....	1	.....	
Moncton.....	.....do.....	1	.....	
St. John.....	Oct. 20-Jan. 18	108	23	
Welsford.....	Jan. 18.....	1	.....	
Nova Scotia:				
Halifax.....	Dec. 15-Jan. 25	51	1	
Windsor.....	.....do.....	1	.....	
Russia:				
Moscow.....	Nov. 24-Jan. 4	51	20	
Odessa.....	Dec. 1-Jan. 11	36	8	
Riga.....	Sept. 1-Oct. 31	.....	7	
St. Petersburg.....	Dec. 1-Jan. 4	23	10	
Warsaw.....	Nov. 24-Dec. 21	.....	7	
Scotland:				
Dundee.....	Jan. 12-Jan. 18	1	.....	
Glasgow.....	Dec. 28-Jan. 17	35	.....	
Spain:				
Corunna.....	Dec. 1-Jan. 4	.....	5	
Malaga.....	Nov. 1-Nov. 30	.....	23	
Straits Settlements:				
Singapore.....	Oct. 1-Nov. 16	.....	2	
Uruguay:				
Montevideo.....	Oct. 26-Nov. 9	108	5	



## Weekly mortality table, foreign and insular 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.
Liverpool.....	Jan. 11	692,495	283							2	3	2	2	4
London.....	do.....	6,705,731	2,202					56		15	16	43	43	27
Lyons.....	Jan. 4	453,145	140											
Mainz.....	Jan. 11	85,000	28											
Manchester.....	do.....	550,450	202	17						1	1			
Mannheim.....	Jan. 4	145,062	49									5	1	1
Do.....	Jan. 11	145,062	48									1		
Messina.....	do.....	107,000	28	4										
Mexico.....	Jan. 12	368,777	395	33				37						
Do.....	Jan. 19	368,777	378	36				36						5
Monrovia.....	Dec. 21	10,000	2											1
Moscow.....	Jan. 4	1,000,000	541	18										
Newcastle-on-Tyne.....	Jan. 11	236,000	83					3		2	11	15	5	4
Nottingham.....	do.....	239,753	88											3
Odessa.....	Jan. 4	242,700	157	17				2		1	3	1	6	1
Do.....	Jan. 11	442,000	163	18				1		1	9	2	6	3
Palermo.....	Jan. 4	330,000	106	1				1		1				
Do.....	Jan. 11	330,000	124	8				1		1				
Paris.....	do.....	2,511,629	955					6		5	2	15	12	14
Plymouth.....	Jan. 18	106,000	30							1				
Port au Prince.....	Jan. 6	60,000	21											
Do.....	Jan. 13	60,000	32											
Do.....	Jan. 20	60,000	16											
Prague.....	Jan. 4	205,815	126	17										
Do.....	Jan. 11	205,815	114	22						4	5	2	6	
Puerto Caballo.....	Nov. 9	17,000	17	1						4		1	2	1
Do.....	Nov. 16	17,000	12	1										
Do.....	Nov. 23	17,000	9											
Do.....	Nov. 30	17,000	15											
Puerto Cortez.....	Jan. 23	2,400	0											
Quebec.....	Jan. 25	68,000												
Rotterdam.....	Jan. 11	341,052	123								2	1		
Do.....	Jan. 18	341,052	136							1	3			
St. Georges, Bermuda.....	do.....	2,150	4											
St. John, New Brunswick.....	Jan. 25	40,711	8											
St. Petersburg.....	Jan. 4	1,248,643	696	115				1	1	23	28	34	13	3
St. Stephen, New Brunswick.....	Jan. 25	2,840	2											
Santa Cruz.....	Jan. 4	36,500	15											
Santander.....	Jan. 18	53,574	36											
Sheffield.....	Jan. 11	400,000	164	16							4	4	9	
Do.....	Jan. 18	400,000	124	10						1		3	10	3
Singapore.....	Dec. 7	97,111	222	35										
Smyrna.....	Jan. 5	300,000	48	9						1				2
Southampton.....	Jan. 11	107,833	33	4									1	
Do.....	Jan. 18	107,833	27	2										
South Shields.....	Jan. 11	103,532	40										2	
Stettin.....	Jan. 4	215,206	80	7						1				
Stockholm.....	Dec. 21	211,000	94	12							1	2		2
Do.....	Dec. 28	211,000	91	20						1	5			4
Do.....	Jan. 4	211,000	94	18							1	1		2
Sunderland.....	Jan. 11	148,007	57							1			1	1
Trapani.....	Jan. 4	61,437	15											
Tuxpam.....	Jan. 20	13,000	8											
Venice.....	Dec. 28	174,378	79	6						1	1	1	3	
Do.....	Jan. 4	174,378	85	6								1	2	
Vera Cruz.....	Jan. 18	32,000	53	9										
Vienna.....	Jan. 4	1,709,211	567	104						1	7	10	8	
Windsor, Nova Scotia.....	Jan. 18	3,000	0											
Winnipeg.....	do.....	25,642										1	2	
Do.....	Jan. 27	25,642									1			

By authority of the Secretary of the Treasury :

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