

# PUBLIC HEALTH REPORTS.

## UNITED STATES.

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

**CALIFORNIA—San Diego.**—Month of November, 1902. Estimated population, 20,000. Total number of deaths, 19, including 2 from phthisis pulmonalis.

**KANSAS—Wichita.**—Two weeks ended December 27, 1902. Estimated population, 28,163. Total number of deaths, 16, including enteric fever, 1, and 1 from tuberculosis.

**MICHIGAN.**—Reports to the State board of health, Lansing, for the week ended December 27, 1902, from 61 observers, indicate that scarlet fever, inflammation of bowels, and remittent fever were more prevalent and diarrhea, erysipelas, measles, and whooping cough were less prevalent than in the preceding week. Meningitis was reported present at 4. whooping cough at 17, measles at 23, diphtheria at 43, enteric fever at 45, smallpox at 70, scarlet fever at 84, and phthisis pulmonalis at 227 places.

**NEW YORK—Middletown.**—Month of November, 1902. Estimated population, 15,000. Number of deaths, not reported. One death from diphtheria and 3 deaths from tuberculosis reported.

**PENNSYLVANIA—Pettsville.**—Month of December, 1902. Estimated population, 15,710. Total number of deaths, 22, including 1 from diphtheria.

**VIRGINIA—Lynchburg.**—Month of December, 1902. Estimated population, 30,000. Total number of deaths, 42, including enteric fever, 2, and 7 from phthisis pulmonalis.

### *Inspection of immigrants.*

#### WEEKLY.

Place.	Week ended.	No. of vessels.	No. of immigrants.
Baltimore, Md.	Jan. 3	2	811
Boston, Mass.	Dec. 27	7	256
New York, N. Y.	do	16	6,501
Philadelphia, Pa.	Jan. 3	2	134
Ponce, P. R.	Dec. 20	4	21
San Juan, P. R.	do	4	29
Subports	do	1	1

#### MONTHLY.

Place.	Month ended.	No. of immigrants passed.	No. rejected.
Portland, Me.	Dec. 31	34	0
Sault Ste Marie, Mich.	do	109	102

## Reports from national quarantine

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
1	UNITED STATES: Alexandria, Va.....	Dec. 27 Jan. 3	.....	.....	.....
2	Beaufort, N. C.....	do.....	.....	.....	.....
3	Biscayne Bay, Fla.....	Dec. 27	.....	.....	.....
4	Boca Grande, Fla.: Punta Gorda.....	Dec. 20	.....	.....	.....
5	Punta Rassa.....	do.....	.....	.....	.....
6	Brunswick, Ga.....	Dec. 27	.....	.....	.....
7	Cape Charles, Va.....	do.....	.....	.....	.....
8	Cape Fear, N. C.....	Jan. 3	.....	.....	.....
9	Cedar Keys, Fla.....	Dec. 27	.....	.....	.....
10	Columbia River, Oreg.....	Dec. 20 Dec. 27	Br. ship County of Lin- lithgow.	Dec. 27	Shanghai.
11	Cumberland Sound, Fla.....	do.....	.....	.....	.....
12	Delaware Breakwater Quarantine, Lewes, Del.....	do.....	.....	.....	.....
13	Dutch Harbor, Alaska.....	Nov. 22	.....	.....	.....
14	Eastport, Me.....	Jan. 1	.....	.....	.....
15	Eureka, Cal.....	Dec. 20	Nor. bk. Oxo (a).....	Dec. 13	Mazatlan.
16	Grays Harbor, Wash.....	Dec. 20	.....	.....	.....
17	Gulf Quarantine, Ship Island, Miss.....	Dec. 27	.....	.....	.....
18	Key West, Fla.....	do.....	.....	.....	.....
19	Los Angeles, Cal.....	Dec. 20	.....	.....	.....
20	Newbern, N. C.....	Dec. 27	.....	.....	.....
21	Nome, Alaska.....	Jan. 3	.....	.....	.....
22	Pascagoula, Miss.....	Dec. 7 Dec. 27 Jan. 2	.....	.....	.....
23	Port Angeles, Wash.....	Dec. 20	.....	.....	.....
24	Portland, Me.....	Dec. 27	.....	.....	.....
25	Port Townsend, Wash.....	Dec. 20	.....	.....	.....
26	Reedy Island, Del.....	Dec. 27	.....	.....	.....
27	St. Georges Sound, Fla.: East Pass.....	do.....	.....	.....	.....
28	West Pass.....	Dec. 20 Dec. 27	.....	.....	.....
29	St. Johns River, Fla.....	do.....	.....	.....	.....
30	San Diego, Cal.....	Dec. 20 Dec. 27	U. S. S. Boston.....	Dec. 21	Magdalena Bay...
31	San Francisco, Cal.....	Dec. 20	Am. ss. Umatilla.....	Dec. 14	Victoria.....
			Am. ss. City of Puebla.....	Dec. 18	do.....
		Dec. 27	Am. ss. Queen.....	Dec. 23	do.....
32	San Pedro, Cal.....	Dec. 20	.....	.....	.....
33	Santa Barbara, Cal.....	do.....	.....	.....	.....
34	Santa Rosa, Fla.....	Dec. 27	.....	.....	.....

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..... do .....	
2				No report.....	
3					1
4				No report.....	
5					
6					5
7					2
8					8
9					
10	Portland ..	Held for disinfection.....		1 case smallpox convalescent; mud ballast from Whongpoo River; crew to be vaccinated and twice bathed, and their effects to be twice disinfected. No report .....	1
11				do .....	
12				do .....	
13				do .....	
14					15
15	Eureka.....	Inspected.....	Dec. 14	No transactions..... do .....	
16				do .....	
17				do .....	
18					4
19					3
20				No transactions.....	
21				No report.....	
22				do .....	
23				1 vessel spoken and passed.	9
24					1
25				Glandular region of forecastle crew and steerage passengers on Br. ss. Duke of Fife, from Hongkong, and Jap. ss. Riojum Maru, from Kobe, examined.	12
26				1 vessel spoken and passed.	15
27				No transactions.....	
28				do .....	
29				do .....	
30					1
31	San Diego.....	Passed on statement of medical officer.	Dec. 21		3
	San Francisco.....	Boarded and passed.....	Dec. 14	1 death from malarial fever on Am. ss. Barracouta from Panama.	2
	do .....	do .....	Dec. 18	Physical examination of forecastle crew and steerage passengers on Am. ss. Peru from Hongkong.	9
	do .....	do .....	Dec. 23	Glandular regions of forecastle crew and steerage passengers on Am. ss. City of Pekin from Kobe examined; malaria on U. S. army transport Thomas from Manila.	27
32				No transactions.....	
33				No report.....	
34				do .....	

## Reports from national quarantine

Number:	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
35	UNITED STATES—Cont'd.				
	Savannah, Ga.....	Dec. 27			
36	Sitka, Alaska.....	Dec. 21			
37	South Atlantic Quarantine, Blackbeard Island, Ga.	Dec. 27			
38	Tampa Bay, Fla.....	do.....	Br. ss. Aberfeldy .....	Dec. 27	Tampico .....
39	Washington, N. C .....	do.....			
	CURA:				
40	Cienfuegos.....	Jan. 3			
41	Havana.....	do.....			
42	Matanzas.....	do.....			
43	Nuevitas.....	do.....			
44	Santiago de Cuba.....	do.....			
	HAWAII:				
45	Hilo.....	Dec. 6			
46	Honolulu.....	Dec. 13			
47	Kahului.....	do.....			
48	Kihei.....	Dec. 6			
49	Koloa.....	do.....			
50	Lahaina.....	do.....			
	PHILIPPINES:				
51	Cebu.....	Nov. 14			
52	Iloilo .....	Nov. 8			
		Nov. 15	Am.ss. Iroquois.....	Nov. 9	Balasan .....
53	Manila .....	do.....	Am.sc. Resurreccion.....	Nov. 12	Carigara .....
		Nov. 22	Am.ss. Resurreccion (a)...	do.....	do .....
			U. S. army transport Thomas.	Nov. 17	Manila .....
			Am.ss. Trufia .....	Nov. 18	Manila .....
			Am.ss. Cabanbanan .....	Nov. 20	do.....

a Previously reported.

## and inspection stations—Continued.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
35					8
36				No report.	1
37					
38	Port Tampa.....	Held for diagnosis of fever.		1 case fever.	1
39				No transactions.	
40				No report.	
41				do.	
42				do.	
43				do.	
44				do.	
45					1
46					7
47				No transactions.	
48				do.	
49				do.	
50				do.	1
51				No report.	
52					52
53	Ilollo .....	Disinfected and held five days.	Nov. 14	7 cholera cases and 2 cholera deaths.	45
	Manila .....	Disinfected and released under new crew; personnel held.		1 case, 1 death smallpox; 28 crew, 12 passengers bathed, and all effects and baggage disinfected; patient placed in hospital; personnel vaccinated and segregated in barracks; vessel redisinfected; all personnel held.	67
	do .....	Personnel remaining in quarantine under observation.		1 case, 1 death, smallpox; persons unsuccessfully vaccinated revaccinated; 1 additional case of smallpox developed on the 22d in a small family group.	90
	San Francisco.....	Disinfected and held.....		3 cases of cholera; 1 suspect case among troops and casuals; vessel sent to Mariveles; 1,206 passengers and 170 crew bathed and all effects disinfected; vessel thoroughly cleaned; 75 contacts not allowed to embark on vessel sent to station and segregated on shore; all inspected daily.	
	Ilollo .....	Disinfected and held.....		1 case cholera; patient removed at Manila; vessel sent to Mariveles; personnel bathed and all effects, baggage, and bedding disinfected, and vessel cleaned; all inspected daily.	
	do .....	do .....		1 case cholera; patient sent to hospital; personnel bathed, and effects and baggage disinfected; vessel mechanically cleaned; all held under observation.	

*Reports from national quarantine*

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
54	Puerto Rico: Ponce.....	Dec. 20	Ger. ss. Hungaria..... Sp. ss. Montserrat.....	Dec. 15 Dec. 19	Curaçao ....., Havana .....
55	San Juan.....	do.....	do .....	Dec. 20	do.....
56	Subports— Aguadilla .....	do.....	.....	.....	.....
57	Arecibo .....	do.....	.....	.....	.....
58	Arroyo .....	do.....	.....	.....	.....
59	Fajardo .....	do.....	.....	.....	.....
60	Humacao .....	do.....	.....	.....	.....
61	Mayaguez .....	do.....	Ger. ss. Hungaria.....	Dec. 16	Carupano .....

*Reports from State and*

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
1	Baltimore, Md .....	Jan. 3	.....	.....	.....
2	Bangor, Me .....	do.....	.....	.....	.....
3	Boston, Mass.....	do.....	.....	.....	.....
4	Charleston, S. C.....	Dec. 27	.....	.....	.....
5	Elizabeth River, Va.....	do.....	.....	.....	.....
6	Galveston, Tex.....	do.....	.....	.....	.....
7	Gardiner, Oreg.....	do.....	.....	.....	.....
8	Marcus Hook, Pa.....	Jan. 3	.....	.....	.....
9	Mobile Bay, Ala.....	Dec. 27	.....	.....	.....
10	New Bedford, Mass.....	do.....	.....	.....	.....
11	New Orleans, La.....	Dec. 20	Br. ss. Maskelyne.....	Dec. 14 Dec. 19	Santos via Rio de Janeiro. Maranham.....
12	Newport News, Va.....	Jan. 3	Nor. bk. Orient .....	.....	.....
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.....	.....	.....	.....

*and inspection stations—Continued.*

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed
54	Hamburg.....	Held in quarantine .....	Dec. 15		3
	Genoa .....	.....do .....	Dec. 19	Disinfected 4 pieces of baggage; 6 passengers detained for observation.	
55	San Juan.....	.....do .....	Dec. 21	6 passengers detained .....	6
56	.....	.....	.....	.....	4
57	.....	.....	.....	.....	
58	.....	.....	.....	do .....	
59	.....	.....	.....	.....	1
60	.....	.....	.....	.....	1
61	Aguadilla .....	Held in quarantine .....	Dec. 16		5

*municipal quarantine stations.*

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
1	.....	.....	.....	No report.....	
2	.....	.....	.....	.....do.....	
3	.....	.....	.....	.....do.....	
4	.....	.....	.....	.....do.....	3
5	.....	.....	.....	No report.....	
6	.....	.....	.....	.....do.....	
7	.....	.....	.....	.....do.....	
8	.....	.....	.....	.....	
9	.....	.....	.....	.....	11
10	.....	.....	.....	No report.....	
11	New Orleans.....	Disinfected.....	Dec. 14		
	.....do.....	Disinfected and held.....	.....	No report.....	
12	.....	.....	.....	.....do.....	
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 Public Health and Marine-Hospital Service, December 27, 1902, to January 9, 1903.*

For reports received from June 28, 1902, to December 26, 1902, see PUBLIC HEALTH REPORTS for December 26, 1902.

Places.	Date.	Cases.	Deaths.	Remarks.
California:				
Los Angeles.....	Dec. 8-Dec. 21	4		
Sacramento.....	Dec. 7-Dec. 27	3		
San Francisco.....	Dec. 8-Dec. 21	10		
Total for State .....		17		
Total for State, same period, 1902.		9		
Colorado:				
Denver.....	Dec. 7-Dec. 20	9		
Total for State .....		9		
Total for State, same period, 1902.				
Connecticut:				
Hartford.....	Dec. 31.....	1		
Total for State .....		1		
Total for State same period, 1902.				
Georgia:				
Atlanta.....	Dec. 11-Dec. 17	3	1	
Total for State .....		3	1	
Total for State, same period, 1902.				
Illinois:				
Chicago.....	Dec. 14-Jan. 3	9		
Total for State .....		9		
Total for State, same period, 1902.		125		
Indiana:				
Adams County.....	Nov. 1-Nov. 30	19		
Allen County.....	do.....	3		
Boone County.....	do.....	1		
Cass County.....	do.....	1		
Clay County.....	do.....	2		
Clinton County.....	do.....	3	1	
Daviess County.....	do.....	12		
Decatur County.....	do.....	1		
Dekalb County.....	do.....	18		
Delaware County.....	do.....	2		
Fayette County.....	do.....	1		
Floyd County.....	do.....	1		
Fountain County.....	do.....	1		
Fulton County.....	do.....	1		
Gibson County.....	do.....	1		
Grant County.....	do.....	10		
Green County.....	do.....	31		
Hancock County.....	do.....	32		
Harrison County.....	do.....	5		
Howard County (Kokomo in- cluded).	Nov. 1-Dec. 27	5		
Jay County.....	Nov. 1-Nov. 30	16		
Knox County.....	do.....	65		
Kosciusko County.....	do.....	2		
Lake County.....	do.....	50		
Laporte County.....	do.....	5		
Lawrence County.....	do.....	65		
Madison County (Elwood in- cluded).	Nov. 1-Dec. 21	4		
Marion County (Indianapolis included).	Nov. 1-Dec. 27	35	4	
Martin County.....	Nov. 1-Nov. 30	8		
Monroe County.....	do.....	26		
Noble County.....	do.....	5		
Orange County.....	do.....	2		
Randolph County.....	do.....	4		
Ripley County.....	do.....	1		
Shelby County .....	do.....	1		

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Indiana—Continued.</b>				
St. Joseph County (South Bend included).	Nov. 1-Dec. 27	2	1	
Tipppecanoe County.....	Nov. 1-Nov. 30	5	.....	
Tipton County.....	.....do.....	1	.....	
Vanderburgh County (Evansville included).	Nov. 1-Dec. 27	2	.....	
Vigo County.....	Nov. 1-Nov. 30	18	.....	
Wabash County.....	.....do.....	5	.....	
<b>Total for State.....</b>		<b>467</b>	<b>6</b>	
<b>Total for State same period, 1902.</b>		<b>9</b>	.....	
<b>Kentucky:</b>				
Lexington.....	Dec. 14-Dec. 27	2	.....	
Louisville.....	Jan. 1-Dec. 26	214	1	
<b>Total for State .....</b>		<b>216</b>	<b>1</b>	
<b>Total for State, same period, 1902.</b>		<b>4</b>	<b>2</b>	
<b>Louisiana:</b>				
New Orleans.....	Dec. 14-Dec. 20	1	.....	Imported.
<b>Total for State.....</b>		<b>1</b>	.....	
<b>Total for State, same period, 1902.</b>		<b>7</b>	.....	
<b>Maine:</b>				
Portland.....	Dec. 21-Dec. 27	.....	1	
<b>Total for State.....</b>		<b>.....</b>	<b>1</b>	
<b>Total for State, same period, 1902.</b>		<b>1</b>	.....	
<b>Maryland:</b>				
Baltimore.....	Dec. 28-Jan. 3	1	.....	
<b>Total for State .....</b>		<b>1</b>	.....	
<b>Total for State, same period, 1902.</b>				
<b>Massachusetts:</b>				
Boston.....	Dec. 14-Jan. 3	49	13	
Everett.....	Dec. 14-Dec. 20	.....	1	
Fall River.....	Dec. 28-Jan. 3	3	.....	
Lawrence.....	Dec. 14-Dec. 20	2	.....	
Somerville.....	Dec. 21-Dec. 27	1	.....	
<b>Total for State.....</b>		<b>55</b>	<b>14</b>	
<b>Total for State, same period, 1902.</b>		<b>39</b>	<b>8</b>	
<b>Michigan:</b>				
Detroit.....	Dec. 14-Dec. 27	93	1	
Grand Rapids.....	Dec. 14-Dec. 27	8	.....	
<b>Total for State.....</b>		<b>101</b>	<b>1</b>	
<b>Total for State, same period, 1902.</b>		<b>1</b>	.....	
<b>Minnesota: a</b>				
Aitkin County .....	Dec. 8-Dec. 22	3	.....	
Beltrami County.....	Dec. 15-Dec. 22	2	.....	
Benton County.....	Dec. 8-Dec. 22	35	.....	
Big Stone County.....	Dec. 15-Dec. 22	13	.....	
Blue Earth County.....	Dec. 8-Dec. 22	4	.....	
Carver County .....	.....do.....	7	.....	
Cass County.....	Dec. 15-Dec. 22	5	.....	
Chippewa County.....	Dec. 8-Dec. 22	5	.....	
Crow Wing County.....	.....do.....	6	.....	
Douglas County.....	Dec. 8-Dec. 15	17	.....	
Grant County.....	.....do.....	3	.....	
Hennepin County.....	Dec. 8-Dec. 22	14	.....	
Houston County.....	Dec. 8-Dec. 15	1	.....	
Kanabec County.....	.....do.....	5	.....	
Kandiyohi County.....	.....do.....	4	.....	
Lac Qui Parle County.....	Dec. 8-Dec. 22	8	.....	

Was present in 40 counties, at 70 places during the week ended Dec. 27, 1902.

a The figures in the total number of deaths were erroneously transposed in PUBLIC HEALTH REPORTS of January 2, 1902. The number of cases reported was 138.

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Minnesota—Continued.</b>				
McLeod County.....	Dec. 8-Dec. 15	1		
Marshall County.....	Dec. 15-Dec. 22	1		
Meeker County.....	Dec. 8-Dec. 22	33		
Millelacs County.....	Dec. 8-Dec. 15	3		
Mower County.....	Dec. 8-Dec. 22	9	1	
Murray County.....	do.....	10		
Nobles County.....	Dec. 15-Dec. 22	4		
Norman County.....	do.....	1		
Ottertail County.....	Dec. 8-Dec. 22	15		
Ramsey County.....	do.....	7		
Renville County.....	Dec. 8-Dec. 15	6		
Rice County.....	do.....	1		
Sibley County.....	Dec. 15-Dec. 22	4		
Stearns County.....	Dec. 8-Dec. 22	15		
Steele County.....	Dec. 15-Dec. 22	1		
Todd County.....	do.....	1		
Wabasha County.....	do.....	2		
Wright County.....	Dec. 8-Dec. 22	8		
<b>Total for State.....</b>		<b>254</b>	<b>1</b>	
<b>Total for State, same period, 1902.</b>		<b>756</b>	<b>7</b>	
<b>Mississippi:</b>				
Natchez.....	Dec. 22.....	10		
<b>Total for State.....</b>		<b>10</b>		
<b>Total for State, same period, 1902.</b>				
<b>Missouri:</b>				
St. Louis.....	Dec. 15-Dec. 28	41		
<b>Total for State.....</b>		<b>41</b>		
<b>Total for State, same period, 1902.</b>		<b>109</b>	<b>1</b>	
<b>Montana:</b>				
Butte.....	Dec. 23-Dec. 29	1		
<b>Total for State.....</b>		<b>1</b>		
<b>Total for State, same period, 1902.</b>				
<b>Nebraska:</b>				
Omaha.....	Dec. 14-Dec. 27	14		
<b>Total for State.....</b>		<b>14</b>		
<b>Total for State, same period, 1902.</b>		<b>33</b>		
<b>New Hampshire:</b>				
Manchester.....	Dec. 14-Dec. 27	14		
Nashua.....	do.....	23		
<b>Total for State.....</b>		<b>37</b>		
<b>Total for State, same period, 1902.</b>		<b>2</b>		
<b>New Jersey:</b>				
Camden County (Camden included). Essex County.....	Dec. 14-Jan. 3 do.....	7 2		
Hudson County (Jersey City included). Total for State.....	Dec. 22-Dec. 28	1		
<b>Total for State.....</b>		<b>10</b>		
<b>Total for State, same period, 1902.</b>		<b>74</b>	<b>22</b>	
<b>New York:</b>				
Binghamton.....	Dec. 21-Dec. 27	1		
Buffalo.....	Dec. 14-Dec. 20	2		
New York.....	do.....	1		
<b>Total for State.....</b>		<b>4</b>		
<b>Total for State, same period, 1902.</b>		<b>158</b>	<b>5</b>	

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>North Carolina:</b>				
Buncombe County.....	Nov. 1-Nov. 30	28	.....	
Burke County.....	do.....	10	.....	
Cabarrus County.....	do.....	4	.....	
Caldwell County.....	do.....	1	.....	
Cherokee County.....	do.....	7	.....	
Cleveland County .....	do.....	.....	.....	A few.
Craven County.....	do.....	30	.....	
Cumberland County.....	do.....	1	.....	
Forsyth County.....	do.....	30	.....	
Gaston County.....	do.....	.....	.....	A few.
Graham County.....	do.....	6	.....	
Guilford County.....	do.....	2	.....	
Iredell County.....	do.....	1	.....	
Jones County.....	do.....	4	.....	
McDowell County.....	do.....	17	.....	
Mecklenburg County (Charlotte included).	Nov. 1-Dec. 31	214	21	
Onslow County.....	Nov. 1-Nov. 30	32	.....	
Randolph County.....	do.....	4	.....	
Surry County.....	do.....	51	.....	
Swain County.....	do.....	30	.....	
Union County.....	do.....	32	.....	
Yadkin County.....	do.....	11	.....	
<b>Total for State .....</b>		<b>515</b>	<b>21</b>	
<b>Total for State, same period, 1902.</b>		<b>140</b>		
<b>Ohio:</b>				
Butler County (Hamilton included).	Dec. 14-Dec. 20	2	.....	
Cuyahoga County (Cleveland included).	Dec. 14-Jan. 3	23	10	
Hamilton County (Cincinnati included).	Dec. 13-Dec. 26	16	.....	
Lucas County (Toledo included).	Dec. 6-Dec. 27	24	2	
Montgomery County (Dayton included).	Dec. 14-Jan. 3	17	.....	
Trumbull County (Warren included).	Dec. 7-Dec. 27	5	1	
<b>Total for State .....</b>		<b>87</b>	<b>13</b>	
<b>Total for State, same period, 1902.</b>		<b>451</b>	<b>6</b>	
<b>Pennsylvania:</b>				
Allegheny County (Pittsburg and McKeesport included).	Dec. 14-Dec. 27	24	3	
Blair County.....	Dec. 21-Jan. 3	1	3	
Cambria County (Johnstown included).	Dec. 14-Dec. 20	8	2	
Erie County (Erie included)....	Dec. 14-Dec. 27	9	.....	
Northumberland County.....	Dec. 1-Dec. 31	14	.....	
Philadelphia County.....	Dec. 14-Jan. 3	55	4	
Schuylkill County (Pottsville included).	Dec. 1-Dec. 31	2	.....	
<b>Total for State .....</b>		<b>118</b>	<b>12</b>	
<b>Total for State, same period, 1902.</b>		<b>130</b>	<b>19</b>	
<b>Rhode Island:</b>				
Warwick.....	Dec. 25-Dec. 31	4	.....	
<b>Total for State .....</b>		<b>4</b>		
<b>Total for State, same period, 1902.</b>		<b>9</b>		
<b>South Carolina:</b>				
Charleston .....	Dec. 21-Dec. 27	1	.....	
<b>Total for State .....</b>		<b>1</b>		
<b>Total for State, same period, 1902.</b>		<b>2</b>		
<b>South Dakota:</b>				
Sioux Falls.....	Dec. 21-Dec. 27	1	.....	
<b>Total for State .....</b>		<b>1</b>		
<b>Total for State, same period, 1902.</b>				

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

Place.	Date.	Cases.	Deaths.	Remarks.
Tennessee:				
Shelby County (Memphis included).	Dec. 7-Dec. 27	6	.....	
Total for State.....		6	.....	
Total for State, same period, 1902.		30	.....	
Utah:				
Salt Lake City.....	Dec. 6-Dec. 27	20	.....	Three imported.
Total for State.....		20	.....	
Total for State, same period, 1902.		4	.....	
Washington:				
Tacoma.....	Dec. 8-Dec. 21	2	3	
Total for State .....		2	3	
Total for State, same period, 1902.		88	1	
Wisconsin:				
Greenbay.....	Dec. 22-Dec. 28	1	.....	
Milwaukee.....	Dec. 7-Jan. 3	24	.....	
Total for State.....		25	.....	
Total for State, same period, 1902.		21	.....	
Grand total .....		2,025	74	
Grand total, same period, 1902.		2,251	71	

*Plague in the United States as reported to Surgeon-General, Public Health and Marine-Hospital Service, from December 27, 1902, to January 9, 1903.*

## PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
California:				
San Francisco.....	Dec. 11	1	1	

## Weekly mortality table, cities of the United States.

Cities.	Week ended.	Population, U. S. census of 1900.	Total deaths from all causes.	Deaths from—								
				T. tuberculosis.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.
Alton, Ill.	Dec. 27	14,210	10									
Altoona, Pa.	do.	38,973	7									1
Ann Arbor, Mich.	do.	14,509									1	
Ashland, Ohio	do.	12,949	7	2	5							
Atlanta, Ga.	Dec. 24	89,872	39	5								
Baltimore, Md.	Dec. 27	508,967	204	24							5	2
Belleville, Ill.	do.	17,484	5	1						1		
Binghamton, N. Y.	do.	38,647	10									
Boston, Mass.	do.	560,892	189	17		6				5	3	3
Brockton, Mass.	do.	40,063	10	2								2
Burlington, Vt.	do.	18,641	12									
Do.	Dec. 27	18,641	7									
Butte, Mont.	Dec. 14	30,470	11									
Do.	Dec. 21	30,470	5									
Do.	Dec. 29	30,470	6							1		
Cambridge, Mass.	Dec. 27	91,886	15	8								
Camden, N. J.	do.	75,935	28								1	1
Charleston, S. C.	do.	55,807	37	7						2		
Chelsea, Mass.	do.	34,072	12	1								
Chicago, Ill.	do.	1,698,575	598	50						39	11	18
Chicopee, Mass.	do.	19,167	12								4	
Cincinnati, Ohio	Dec. 26	325,902	85	9						3		1
Cleveland, Ohio	Dec. 27	381,766	134			4				1	1	2
Clinton, Mass.	do.	13,667	4	1								
Dayton, Ohio	do.	85,333	14	1								
Denver, Colo.	Dec. 20	133,559	60	17							4	
Detroit, Mich.	do.	285,704	66								4	
Do.	Dec. 27	285,704	95		1						1	
Dunkirk, N. Y.	do.	11,616	2	1								
Elmira, N. Y.	do.	35,672	7	1								
Elwood, Ind.	Dec. 27	12,950	6									
Erie, Pa.	do.	52,733	19	4								
Evansville, Ind.	Dec. 27	59,007	6	1								
Everett, Mass.	do.	24,336	4	1							1	
Fall River, Mass.	do.	104,863	33	5						1		1
Fitchburg, Mass.	do.	31,531	11	1								
Galesburg, Ill.	do.	18,607	6									
Gloucester, Mass.	do.	26,121	12									
Grand Rapids, Mich.	do.	87,565	13								1	
Green Bay, Wis.	Dec. 28	18,684	2									
Hamilton, Ohio	Dec. 27	23,914	6									
Haverhill, Mass.	do.	37,175	11							1		
Holyoke, Mass.	do.	45,712	15	2								
Indianapolis, Ind.	do.	169,164	49	2		4					1	1
Jacksonville, Fla.	do.	28,429	16	1						1		
Jersey City, N. J.	Dec. 28	206,438	73	5							3	1
Kokomo, Ind.	Dec. 27	10,609	2									
Lawrence, Mass.	do.	62,559	29	2							1	
Lexington, Ky.	do.	26,369	9	1								1
Los Angeles, Cal.	Dec. 21	102,479	37	14							2	
Lowell, Mass.	Dec. 27	94,969	40								2	
Lynchburg, Va.	do.	18,891	2									
McKeesport, Pa.	do.	34,227	18	1								
Malden, Mass.	do.	33,664	6	1								1
Manchester, N. H.	do.	56,957	25	1							2	
Medford, Mass.	do.	18,244	5									
Memphis, Tenn.	do.	102,320	27	5						1		
Milwaukee, Wis.	do.	285,315	84	6						2	2	1
Mobile, Ala.	do.	38,469	14	1						1		2
Nashua, N. H.	do.	23,898	8									
Nashville, Tenn.	do.	80,865	29	6						1	1	
Newark, N. J.	do.	246,070	80	13						3		
New Bedford, Mass.	do.	62,442	40	7						1	2	
Newburyport, Mass.	do.	14,478	8									
New Orleans, La.	do.	287,104	128	15						3		8
Newport, R. I.	do.	22,034	9									
Newton, Mass.	do.	38,587	8	3								
New York, N. Y.	do.	3,437,202	1,207	148						18	4	43
Norristown, Pa.	do.	22,285	12	1							1	
North Adams, Mass.	do.	24,200	6									
Northampton, Mass.	do.	18,643	8	1								
Omaha, Nebr.	do.	102,556	21									
Oneonta, N. Y.	do.	7,147	3									
Palmer, Mass.	do.	7,801	8	3							1	
Philadelphia, Pa.	do.	1,298,697	470	58	3					14	1	4

## 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.	Varioloid.	Cholera.	Typhus fever.	Hysteria fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Pittsburg, Pa.	Dec. 27	321,616	119	12	.....	3	.....	.....	.....	3	.....	3	2	3
Plainfield, N. J.	do	15,369	6	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Portland, Me.	do	50,145	31	2	.....	1	.....	.....	.....	2	.....	1	.....	1
Providence, R. I.	do	175,597	87	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Quincy, Mass.	do	23,899	12	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sacramento, Cal.	Dec. 20	29,282	11	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Joseph, Mo.	Dec. 27	102,979	15	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Salt Lake City, Utah.	Dec. 22	58,631	16	1	.....	.....	.....	.....	.....	1	.....	1	.....	.....
Do.	Dec. 27	53,631	18	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
San Francisco, Cal.	Dec. 21	342,782	152	21	.....	.....	.....	.....	.....	3	.....	2	.....	.....
Shreveport, La.	Dec. 27	16,013	6	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Sioux Falls, S. D.	do	10,266	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Somerville, Mass.	do	61,543	24	3	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
South Bend, Ind.	do	35,999	15	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Steelton, Pa.	do	12,068	3	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Streator, Ill.	do	14,079	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Tacoma, Wash.	Dec. 21	37,714	10	.....	3	.....	.....	.....	.....	6	2	1	.....	.....
Taunton, Mass.	Dec. 27	31,036	7	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Titusville, Pa.	do	8,244	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Toledo, Ohio.	Dec. 18	131,822	40	2	.....	1	.....	.....	.....	2	.....	.....	.....	1
Do.	Dec. 20	131,822	30	6	.....	1	.....	.....	.....	.....	1	.....	.....	.....
Do.	Dec. 27	131,822	36	2	.....	.....	.....	.....	.....	2	1	.....	.....	.....
Waltham, Mass.	do	23,481	8	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Warren, Ohio.	do	8,529	2	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Do.	Dec. 27	8,529	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Weymouth, Mass.	Dec. 20	11,324	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do	Dec. 27	11,324	4	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Williamsport, Pa.	do	28,757	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Winona, Minn.	Dec. 20	19,714	7	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Do	Dec. 27	19,714	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Worcester, Mass.	Dec. 26	118,421	31	1	.....	.....	.....	.....	.....	1	.....	2	.....	.....
Youngstown, Ohio.	Dec. 6	44,885	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do	Dec. 13	44,885	17	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Do	Dec. 20	44,885	13	1	.....	.....	.....	.....	.....	3	.....	.....	.....	.....
Do	Dec. 27	44,885	15	3	.....	.....	.....	.....	.....	4	.....	.....	.....	.....

## FOREIGN AND INSULAR.

### ARABIA.

#### *Reduction of quarantine period.*

Vice-Consul W. H. Lockerman reports from Aden, December 10, 1902, that the quarantine between Aden and Hodeidah has been reduced to five days by the international sanitary board at Constantinople.

### CANADA.

#### *Inspection of immigrants at Quebec.*

Asst. Surg. W. C. Billings reports, December 23, as follows: Week ended Saturday, December 20, number inspected, 44; number passed, 41; number detained, 3. The comparatively small number of immigrants inspected during the week is due to the fact that there are now some 600 of the steamship *Lake Champlain*'s steerage passengers detained at quarantine.

The SURGEON-GENERAL.

### CHINA.

#### *Report from Hongkong.*

Asst. Surg. John D. Kerr reports, November 25, 1902, as follows: During the week ended November 22, 1902, 6 vessels were inspected, 493 individuals were bathed at the disinfecting station and 546 pieces of baggage were disinfected. There was 1 rejection during the week because of fever. The sanitary returns for the week show that there were 2 cases of enteric fever reported, otherwise there were no cases of communicable disease in the colony. The mortality statistics, as published in the Hongkong Government Gazette, show a total of 497 deaths during the month of October, 1902. The total deaths among the British and foreign population were 25, a death rate of 28.1 per 1,000 per annum. The death rate among the Chinese land population was 19.4 per 1,000 per annum and the death rate among the harbor population was 18.5 per 1,000 per annum. Of the total deaths, 2 were due to cholera, 27 to diarrhea, 15 to dysentery, 2 to plague, 41 to malaria, and 52 to beriberi. Nine were due to general tuberculosis, 1 to leprosy, 10 to meningitis, 23 to tetanus, 25 to bronchitis, 25 to pneumonia, and 56 to phthisis.

The SURGEON-GENERAL.

### CUBA.

#### *Reports from Havana.*

DECEMBER 24, 1902.

Asst. Surg. F. E. Trotter reports as follows for the week ended December 20, 1902:

Number of vessels inspected and issued bills of health, 22; crews of outgoing vessels, inspected, 919; passengers of outgoing vessels inspected, 360; health certificates issued, 105; pieces of baggage inspected, 92; pieces of express matter inspected, 35; pieces of freight inspected, 2,999.

The SURGEON-GENERAL.

DECEMBER 30, 1902.

Week ended December 27, 1902. Number of vessels inspected and issued bills of health, 16; crews of outgoing vessels inspected, 585; passengers of outgoing vessels inspected, 234; health certificates issued, 48; pieces of baggage inspected, 40; pieces of baggage disinfected, 4; pieces of express matter inspected, 11; pieces of freight inspected, 577.

The SURGEON-GENERAL.

## GERMANY.

*Health of Berlin and weekly death rate.*

DECEMBER 22, 1902.

Consul-General Mason reports as follows: During the week ended December 6, the death rate of Berlin was lower than that of the foregoing week, amounting to 15.5 per 1,000 of the inhabitants, but was thus somewhat higher than that for the corresponding week of last year, which only amounted to 15.2 per 1,000. Of the large German cities, Leipzig, Braunschweig, Hanover, Frankfurt-on-the-Main, Charlottenburg (with 12.8 per 1,000), and Schoneberg (with 8.8) showed somewhat more favorable statistics than Berlin, but Magdeburg, Dresden, Breslau, Hamburg, Cologne, Munich, as well as London, Paris, and Vienna, all had considerably higher death rates than Berlin in the week in question. There was a slight decrease in the number of deaths among children in their first year. The mortality rate among infants, 4.0 per 1,000, was but the half of that of Danzig, Stettin, Chemnitz, and Munich. Acute intestinal diseases were of somewhat more frequent occurrence during this week than in the first weeks of November, and caused 33 deaths. There was no change in the number of deaths from diseases of the respiratory organs, which claimed 66 victims during this week, among these being 4 deaths in consequence of influenza. There was, however, a decrease in the number of deaths from consumption, which amounted this week to 75. Cases of scarlet fever and of diphtheria were less frequent, the former causing 6, the latter 5 deaths. There was also a decrease in the number of deaths from measles, this disease claiming 5 deaths this week. Finally, 13 persons died by violence.

DECEMBER 24, 1902.

During the week ended December 13, the death rate of Berlin was higher than it has been since the beginning of June, amounting to 17 per 1,000 of the inhabitants as compared with 15.5 in the foregoing week, and was therefore higher than for the corresponding week of last year. In consequence of the almost general and considerable increase in the mortality, two-thirds of the large German towns showed less favorable sanitary conditions than Berlin. The increase in the number of deaths was far more noticeable among the higher age classes than among children in their first year. The death rate of Munich, Breslau, Cologne, and Leipzig was much higher than that of Berlin, while the mortality in Hamburg, Stuttgart, and Koenigsberg was higher still, the figures for the last two cities amounting to double those of Berlin. The health conditions in London, Paris, and Vienna were also considerably less favorable than those of Berlin. The mortality rate among infants rose from 4 in the foregoing week to 4.3 in this week, but thereby reached only the half of the rate in Stuttgart, Munich, Nuremberg, and Chemnitz. Acute intestinal diseases were of more frequent occurrence during this week than since the end of Octo-

ber, and caused 37 deaths. Cases of acute diseases of the respiratory organs were likewise more numerous, and claimed 71 victims. There were registered 4 deaths from influenza. Consumption caused 87 deaths, a considerable increase over the figures of the foregoing week. Cases of measles were more numerous, of scarlet fever less frequent, the former causing 6, the latter 4 deaths. The number of cases of diphtheria remained the same, 2 of them ending in death. Six persons died by violence, this being the lowest number of any week during the present quarter.

*Plague and cholera.*

BRITISH INDIA.—In Calcutta during the week ended November 15, 6 persons died of plague and 24 persons died of cholera.

*Cholera.*

TURKEY.—According to a report from Amman, dated November 25, there were registered on that date 13 new cases of cholera (5 among the railroad workmen and 8 among the inhabitants), with 8 deaths (2 among railroad workmen and 6 among the inhabitants).

According to the sixth official bulletin (dated December 2), regarding cholera in Palestine, there were registered between November 24 and November 30, in Jaffa, 135 cholera cases with 56 deaths; in Hauran, 42 cases between November 18 and November 28. In Sazkie (Djeblia), according to a telegram dated November 25, there occurred during the last forty days, 200 cases of cholera with 70 deaths. According to the sixth bulletin, published up to December 2, there occurred therefore 192 deaths from cholera in Jaffa, 188 deaths in Tiberias, and in other places in Palestine 1,820 deaths from cholera, making a total of 2,200 deaths from this disease since the beginning of October.

*Spread of tuberculosis and preventive measures against it.*

[Extract from the *Gesundheitsbüchlein*, published by the imperial health office, Berlin, Germany.]

DECEMBER 24, 1902.

Since Robert Koch discovered the bacillus tuberculosis, much more reliable data has been obtained as to the way in which the disease is disseminated. Although it is well known that a predisposition to tuberculosis is transmitted from parents to children, and that an ordinary cold may prepare the way for phthisis, the cause of the infection is now generally sought in the transmission of living germs. It has been demonstrated that these germs pass out of the patients' bodies with their excretions (sputa, excreta from the bowels, etc.) and still retain their power of infection, so that the danger of conveying the disease still exists a long time after they have dried. These germs have been discovered in the dust of sleeping apartments and other rooms used by patients suffering with tuberculosis, and many cases of this disease have thus been traced from living with such patients or among the occupiers of dwellings formerly tenanted by them. It is now known that murrain, a common disease among cattle, is in reality tuberculosis, and it has, therefore, been claimed that the disease is spread among children by the milk of diseased cows.

In view of the above facts, it is advisable that the excretions of tubercular patients should be rendered innocuous; that the danger arising

from the intercourse of such patients with healthy persons should be avoided as much as possible, and that the use of milk containing tubercle bacilli should be prohibited. To accomplish these objects the following rules should be carried out:

1. All persons, but particularly those suffering with tuberculosis, should deposit their sputum in spittoons. These vessels should contain either liquids which will prevent the sputa from becoming dry and turning to dust, or substances which are readily burned, such as sawdust. They should be cleared at least once daily, and the contents rendered innocuous by combustion or disinfection. When it is not possible to use a spittoon, in walking through the streets for example, patients should carry little bottles with them for the reception of sputum. They should not expectorate upon the ground or into pocket handkerchiefs.

2. Patients' linen and utensils should be thoroughly boiled after use. Their rooms should be disinfected before being occupied by other people.

3. Rooms occupied by consumptives should be kept free from dust.

4. Consumptives and healthy persons should not be allowed to sleep in the same rooms or beds, and the employment of persons suffering with tuberculosis in cooking or selling of food, cigars, etc., should be avoided as far as possible. Where consumptives are obliged to work with healthy people, the foreman of the works should make the observance of the first rule obligatory on all work-people.

5. The sale of the milk of tubercular cows should be prohibited. It is not advisable to drink unboiled milk unless it can be obtained from an absolutely reliable source.

The SURGEON-GENERAL.

#### HAWAIIAN ISLANDS.

##### *Monthly report.*

HONOLULU, H. I., December 10, 1902.

SIR: I have the honor to transmit the following report of quarantine transactions in the Hawaiian Islands for the month of November, 1902:

*Port of Honolulu*.—Incoming quarantine.—Number of vessels inspected from foreign ports, 16; domestic ports, 18; number of crew inspected, 3,332; cabin passengers inspected, 740; steerage passengers and stowaways inspected, 3,890; sick in detention from last month, none; number in detention from last month, none; sick in detention for this month, none; number in detention for this month, none; pieces of baggage disinfected, none; packages of freight disinfected, none.

*Port of Hilo*.—Number of vessels inspected, 4; crew inspected, 40; passengers inspected, 9; vessels remanded, none.

*Port of Kahului*.—Number of vessels inspected, none; crew inspected, none; passengers inspected, none; vessels remanded, none.

*Port of Kihei*.—Number of vessels inspected, 1; crew inspected, 18; passengers inspected, none; vessels remanded, none.

*Port of Koloa*.—Number of vessels inspected, none; crew inspected, none; passengers inspected, none; vessels remanded, none.

*Port of Lahaina*.—Number of vessels inspected, none; crew inspected, none; passengers inspected, none; vessels remanded, none.

Respectfully,

L. E. COFER,

*Passed Assistant Surgeon, Chief Quarantine Officer, Hawaii.*

The SURGEON-GENERAL.

## ITALY.

*Reports from Naples.*

NAPLES, ITALY, December 15, 1902.

P. A. Surg. J. M. Eager reports as follows: For the week ended December 13, 1902, the following ships were inspected at Naples: December 10, the steamship *Citta di Milano*, bound with passengers and cargo for New York. There were inspected and passed 478 steerage passengers and 231 pieces of large baggage; 395 pieces of baggage were disinfected by steam. The rejection of 32 steerage passengers was advised. December 11, the steamship *Trave*, bound with passengers and cargo for New York. There were inspected and passed 576 steerage passengers and 245 pieces of large baggage; 453 pieces of baggage were disinfected by steam. The rejection of 32 steerage passengers was advised.

*Inspection at Palermo.*

At Palermo for the week ended December 13, 1902, the following ship was inspected: December 7, the steamship *Napolitan Prince*, bound with passengers and cargo for New York. There were inspected and passed 278 steerage passengers; 299 pieces of baggage were disinfected by steam. The rejection of 29 steerage passengers was advised.

*Asiatic cholera in Egypt.*

Cholera returns from Egypt show that there were 8 cases under treatment December 8, and that the number of cases under treatment had increased to 18, December 12.

*Asiatic cholera in Palestine.*

Reports dated December 7 showed a decrease of cholera at Jaffa. During the week ended December 6 there were 51 cases and 30 deaths. In the villages in the neighborhood of Jaffa there are scattered cases. There are no cases under treatment at Jerusalem.

**The SURGEON-GENERAL.**

NAPLES, ITALY, December 22, 1902.

Week ended December 20, 1902, the following ships were inspected at Naples: December 16, the steamship *Hesperia*, bound with passengers and cargo for New York. There were inspected and passed 463 steerage passengers and 120 pieces of large baggage; 400 pieces of baggage were disinfected by steam. The rejection of 26 steerage passengers was advised. December 17, the steamship *Liguria*, bound with passengers and cargo for New York. There were inspected and passed 486 steerage passengers and 82 pieces of large baggage; 600 pieces of baggage were disinfected by steam. The rejection of 42 steerage passengers was advised.

*Asiatic cholera in Egypt.*

Reports from Cairo, dated December 15, 1902, show that, on that date there were 17 cases of Asiatic cholera still under treatment in Egypt. All these cases were at Alexandria.

*Bubonic plague in Mauritius.*

The reports of the governor of Mauritius show that, for the week ended December 11, 1902, there were 23 cases of bubonic plague at Mauritius with 16 deaths.

**The SURGEON-GENERAL.**

## JAPAN.

*Reports from Yokohama.*

Asst. Surg. Dunlap Moore reports December 4, as follows: During the week ended November 29, 1902, 3 vessels, having a total personnel of 274 crew and 657 passengers, were inspected; 474 steerage passengers were bathed and their body clothing disinfected by steam; also 659 pieces of baggage were disinfected by formaldehyde.

The official return of infectious diseases in Yokohama for the above period shows: Enteric fever, 7 cases, no deaths; diphtheria, 5 cases, 2 deaths; dysentery, 1 case, no deaths. This city remains free from cholera and plague.

DECEMBER 11, 1902.

Week ended December 6, 1902, 6 vessels, having a total personnel of 425 crew and 483 passengers, were inspected; 334 steerage passengers were bathed, their body clothing being disinfected by steam; also, 432 pieces of baggage were disinfected. A new disinfecting plant is now in operation and is in many respects an improvement on the old one, one of its features being a small steam chamber.

Infectious diseases, as follows, were reported in Yokohama during the past week: Enteric fever, 3 cases, 2 deaths; diphtheria, 3 cases, 2 deaths; dysentery, 2 cases, no deaths.

The SURGEON-GENERAL.

## MALTA.

*Quarantine laws.*

Consul John H. Grout, at Malta, transmits the following:

VALETTA, MALTA, December 8, 1902.

By proclamation issued through the medium of the Malta Government Gazette, the quarantine restrictions hitherto placed by the authorities of Malta against Port Said and Suez have been removed. Vessels may now coal and provision at either of the two ports en route through the canal. Following is the proclamation:

## GOVERNMENT NOTICE.

His excellency the governor, having heard the opinion of the council of health, has been pleased to repeal government notice No. 270 of November 26, 1902, and to direct that the following regulations be observed as regards vessels and passengers, viz:

*Infected places.*

1. The following countries are, for purposes of quarantine, to be treated as infected:
  - a. Arabia (excepting Perim and Aden).
  - b. China.
  - c. Egypt (excepting Port Said and Suez).
  - d. India.
  - e. Odessa.
2. And the following ports:
  - a. Ports in the Persian Gulf.
  - b. Syria, between Sur and Port Said (exclusive of the latter port).

*Infected vessels.*

3. Infected vessels are vessels which have, or have had, on board, during the voyage or the preceding twenty days, cases of cholera, yellow fever, plague, or any disease with symptoms which, in the opinion of the chief government medical officer, resemble the symptoms of the said diseases.

*Vessels which are not allowed to enter the harbor, but are allowed to communicate with quarantine establishments.*

4. Infected vessels.
5. Vessels with pilgrims from the East, when not carrying a recognized medical officer.
6. Vessels from infected places, when not carrying a recognized medical officer.

*Vessels allowed to load in quarantine.*

7. Vessels arriving at Malta without a clean bill of health.
8. Infected vessels when carrying a recognized medical officer and not having on board an actual case of the disease mentioned in paragraph 3 on board.
9. Vessels from infected places not having on board an actual case of the diseases mentioned in paragraph 3 when arriving within ten days from departure.
10. Vessels with pilgrims from the East when carrying a recognized medical officer.

*Vessels from infected places admitted to pratique.*

11. Vessels without a clean bill of health, or from infected places, will be admitted to pratique after ten days from date of departure.

*Medical inspection.*

12. All vessels and passengers on arrival are subject to medical inspection.

*Passengers.*

13. Passengers, before landing, must declare on oath before a marine police officer that they have not been in or have not communicated with an infected place within the last ten days. Otherwise they shall remain in quarantine to complete ten days from departure.

14. Passengers arriving on vessels without a clean bill of health shall complete ten days' quarantine from departure.

15. Passengers arriving from infected places after ten days from date of departure are allowed to land in free pratique after strict medical inspection and thorough disinfection of their persons, effects, and luggage, if the inspecting medical officer is satisfied that they are in good health.

16. Passengers not otherwise provided for are subjected to the restrictions applicable to the vessels on which they arrive.

17. When twenty days have elapsed from the last case of plague, cholera, or other disease against which restrictions have been in force with regard to a country or place declared to be an infected place, a notice will be issued by the collector of customs to the effect that the place or port is no longer to be dealt with as infected.

- N. B.—Vessels that carry a doctor and pass through the Suez Canal without taking on board either cargo or passengers will not be considered infected by contact with canal pilots taken on board from a disinfecting station or by coaling and provisioning at Port Said or Suez under restrictions approved by the chief Government medical officer.

The word "passengers," as used in this notice, includes the crew.

By command, E. M. MEEEWETHEE,  
Lieutenant-Governor and Chief Secretary to Government.

PALACE, VALLETTA, December 6, 1902.

**MEXICO.**

*Plague at Ensenada and Mazatlan.*

Dr. Liceaga, of the Mexican superior board of health, declares, December 31, 1902, the presence of plague at Ensenada and Mazatlan.

## PHILIPPINE ISLANDS.

Cholera report for Manila, November 2 to November 8, 1902, inclusive.

Date.	Number of cases.					Total.	
	Fili-pinos.	Chi-nese.	Amer-icans.	Euro-peans.	Others.	Cases.	Deaths.
November 2.....							
November 3.....	4						4
November 4.....	5						4
November 5.....	2	1					5
November 6.....	4		1				3
November 7.....	6						3
November 8.....	15	1	2				7
<b>Total.....</b>	<b>36</b>	<b>2</b>	<b>3</b>			<b>41</b>	<b>26</b>

Cholera report for Manila, November 9 to November 15, 1902, inclusive.

Date.	Number of cases.					Total.	
	Fili-pinos.	Chi-nese.	Amer-icans.	Euro-peans.	Others.	Cases.	Deaths.
November 9.....							
November 10.....	16	1					17
November 11.....	12		2	1			15
November 12.....	14	2	1		1		13
November 13.....	36	3	1	1	1		42
November 14.....	31	1	1		1		34
November 15.....	15		1	1			17
<b>Total.....</b>	<b>124</b>	<b>7</b>	<b>6</b>	<b>3</b>	<b>3</b>	<b>148</b>	<b>98</b>

Report of cholera occurring in provincial towns in the Philippine Islands for the week ended November 8, 1902.

Place.	Province.	Cases.	Deaths.
Malolos.....	Bulacan.....	10	6
Cabanatuan.....	Nueva Ecija.....	3	3
Laoag.....	Ilocos Norte.....	24	23
Sorsogon.....	Sorsogon.....	48	10
Bani.....	Zambales.....	9	7
<b>Total.....</b>		<b>94</b>	<b>54</b>

Report of cholera occurring in provincial towns in the Philippine Islands for the week ended November 15, 1902.

Place.	Province.	Cases.	Deaths.
Malolos.....	Bulacan.....	2	1
Mariquina.....	Rizal.....	9	0
Pasig.....	do.....	0	3
San Mateo.....	do.....	1	1
Laoag.....	Ilocos Norte.....	7	7
Licab.....	do.....	6	6
Cabanatuan.....	Nueva Ecija.....	1	1
Allaga.....	do.....	1	1
Lipa.....	Batangas.....	1	1
Arayat.....	Pampanga.....	25	17
Tacloban.....	Island of Leyte.....	35	35
Cagayan.....	Island of Mindanao, Misamis.....	3	5
Calivo.....	Island of Panay, Capiz.....	14	14
Itaoy.....	do.....	46	17
San Jose.....	Antique.....	7	7
<b>Total.....</b>		<b>158</b>	<b>116</b>

Few reports have been received from the provinces during this period on account of break in telegraphic communications, and therefore the data given is not a true index of the prevalence of cholera outside of Manila.

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

**AFRICA—Sierra Leone.**—Week ended November 14, 1902. Estimated population, 40,000. Total number of deaths, 11. No contagious diseases.

Week ended December 6, 1902. Total number of deaths, 12. No contagious diseases.

**ARGENTINA—Buenos Ayres.**—Month of October, 1902. Estimated population, 864,359. Total number of deaths, 1,234, including diphtheria, 9; enteric fever, 5; measles, 4; scarlet fever, 6; smallpox, 12, and 172 from tuberculosis.

**BAHAMAS—Dunmore Town.**—Two weeks ended December 19, 1902. Estimated population, 1,232. No deaths and no contagious diseases.

**Governors Harbor.**—Week ended December 20, 1902. Estimated population, 1,500. No deaths and no contagious diseases.

**Green Turtle Cay—Abaco.**—Two weeks ended December 17, 1902. Estimated population, 3,314. No deaths and no contagious diseases.

**Nassau.**—Two weeks ended December 22, 1902. Estimated population, 13,601. Number of deaths not reported. No contagious diseases reported.

**CUBA—Havana.**—Month of November, 1902. Estimated population, 275,000. Total number of deaths, 418, including diphtheria, 1; enteric fever, 5, and 86 from tuberculosis.

**DUTCH GUIANA—Paramaribo.**—Month of November, 1902. Estimated population, 31,626. Total number of deaths, 67. No contagious diseases reported.

**FRANCE—Marseille.**—Month of November, 1902. Estimated population, 491,161. Total number of deaths, 962, including diphtheria, 6; enteric fever, 23; measles, 7; scarlet fever, 1; whooping cough, 1; smallpox, 37, and 96 from phthisis pulmonalis.

**GERMANY—Hanover.**—Month of October, 1902. Estimated population, 245,099. Total number of deaths, 300, including 22 from infectious diseases.

**Weimar.**—Month of November, 1902. Estimated population, 29,116. Total number of deaths, 33, including 1 from diphtheria.

**GIBRALTAR.**—Four weeks ended December 14, 1902. Estimated population, 27,460. Total number of deaths, 24, including diphtheria, 1, and 1 from enteric fever.

**GREAT BRITAIN—England and Wales.**—The deaths registered in 76 great towns in England and Wales during the week ended December 13, 1902, correspond to an annual rate of 19.6 per 1,000 of the aggregate population, which is estimated at 14,862,880.

**Bradford.**—Two weeks ended December 13, 1902. Estimated population, 281,770. Total number of deaths, 169, including diphtheria, 4; enteric fever, 3; whooping cough, 3, and 12 from tuberculosis.

*London.*—One thousand six hundred and eighty-two deaths were registered during the week, including measles, 60; scarlet fever, 10; diphtheria, 27; whooping cough, 31; enteric fever, 12, and diarrhea, 12. The deaths from all causes correspond to an annual rate of 19.2 per 1,000. In Greater London 2,324 deaths were registered. In the "outer ring" the deaths included 1 from diphtheria, 13 from measles, 1 from scarlet fever, 6 from whooping cough, and 4 from diarrhea.

*Ireland.*—The average annual death rate represented by the deaths registered during the week ended December 13, 1902, in the 21 principal town districts of Ireland was 25.8 per 1,000 of the population, which is estimated at 1,092,401. The lowest rate was recorded in Newtownards, viz, 5.7, and the highest in Limerick, viz, 47.8 per 1,000. In Dublin and suburbs 219 deaths were registered, including diphtheria, 1; enteric fever, 5; measles, 10; scarlet fever, 1, and 30 from tuberculosis.

*Scotland.*—The deaths registered in 8 principal towns during the week ended December 13, 1902, correspond to an annual rate of 19.9 per 1,000 of the population, which is estimated at 1,679,923. The lowest mortality was recorded in Greenock, viz, 13.6, and the highest in Perth, viz, 23.4 per 1,000. The aggregate number of deaths registered from all causes was 643, including diphtheria, 9; measles, 7; scarlet fever, 2, and 31 from whooping cough.

*JAPAN—Nagasaki.*—Ten days ended November 30, 1902. Estimated population, 131,700. Total number of deaths not reported. No contagious diseases reported.

*JAVA—Batavia.*—Two weeks ended November 22, 1902. Estimated population, 150,000. Number of deaths not reported. Thirty-two deaths from cholera reported.

*MALTA*—Two weeks ended December 6, 1902. Estimated population, 189,749. Total number of deaths, 222, including diphtheria, 4, and 3 from enteric fever.

*NORFOLK ISLAND.*—Month of October, 1902. Estimated population, 906. No deaths and no contagious diseases.

*PORTO RICO.*—Month of November, 1902. Population, 953,947. Total number of deaths, 2,328, including diphtheria, 2; enteric fever, 4, and 132 from tuberculosis.

*SPAIN—Barcelona.*—Two weeks ended December 15, 1902. Estimated population, 672,000. Total number of deaths not reported. Twenty deaths from enteric fever reported.

*Cadiz.*—Month of November, 1902. Estimated population, 70,177. Total number of deaths, 160, including whooping cough, 3; smallpox, 1, and 23 from tuberculosis.

*Cholera, yellow fever, plague, and smallpox, December 27, 1902, to January 9, 1903.*

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

[For reports received from June 28, 1902, to December 26, 1902, see PUBLIC HEALTH REPORTS for December 26, 1902.]

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Dutch India:				
Java, Batavia .....	Oct. 26-Nov. 22	125	100	
Egypt:				
Alexandria.....	Nov. 25-Dec. 8	.....	35	
Damietta.....	do.....	.....	10	
Behera Province.....	do.....	.....	4	
Gharbieh Province .....	Dec. 2-Dec. 8	.....	2	
Keneh Province .....	Nov. 25-Dec. 1	.....	7	
India:				
Bombay.....	Nov. 19-Nov. 25	.....	1	
Calcutta .....	Nov. 16-Nov. 29	.....	68	
Japan:				
Hiogo .....	Nov. 9-Nov. 23	.....	3	2
Philippine Islands:				
Manila .....	Nov. 2-Nov. 15	184	124	
Provinces.....	do.....	252	170	
Straits Settlements:				
Singapore .....	Nov. 1-Nov. 15	.....	22	

YELLOW FEVER.

Colombia:				
Panama.....	Dec. 16-Dec. 22	6	2	
Ecuador:				
Guayaquil.....	Dec. 1-Dec. 13	.....	14	
Mexico:				
Coatzacoalcos.....	Dec. 7-Dec. 13	1	.....	
Mexico.....	Dec. 8-Dec. 14	.....	3	
Tampico .....	Dec. 7-Dec. 13	.....	8	
Vera Cruz.....	Dec. 14-Dec. 27	28	7	

PLAQUE.

India:				
Bombay Presidency and Sind:				
Northern Division.....	Nov. 8-Nov. 22	1,833	1,454	Nine cases imported.
Central Division.....	do.....	5,726	4,280	
Southern Division .....	do.....	7,027	5,393	
Sind.....	do.....	78	54	
Political charges.....	do.....	2,942	2,016	Three cases imported.
Madras Presidency.....	do.....	824	640	Sixty cases imported.
Bengal—				
Presidency.....	do .....	18	17	Imported.
Bhagalpur.....	do .....	97	78	
Patna.....	do .....	988	727	Including 9 imported seizures.
Upper Province of Agra and Oudh—				
Allahabad.....	do .....	1,579	1,329	
Benares.....	do .....	397	380	
Fyzabad .....	do .....	34	33	
Gorakpur.....	do .....	176	141	
Meerut .....	do .....	66	39	
Lucknow .....	do .....	44	28	
Agra.....	do .....	12	4	
Punjab—				
Jullunder.....	do .....	1,364	694	
Lahore .....	do .....	1,568	810	
Rawalpindi.....	do .....	354	188	
Delhi.....	do .....	687	439	

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

Place.	Date.	Cases.	Deaths.	Remarks.
India—Continued.				
Central Provinces—				
Nerbada .....	Nov. 8-Nov. 22	8	6	Two cases imported.
Mysore State.....	do .....	2,957	2,156	
Hyderabad State.....	do .....	1,100	935	
Berar.....	do .....	716	544	
Rajputana.....	Nov. 15-Nov. 22	3	3	
Central India .....	Nov. 8-Nov. 15	18	11	
Kashmir .....	Nov. 15-Nov. 22	56	45	
Mexico:				
Ensenada .....	Dec. 31.....			Reported.
Mazatlan .....	do.....			Do.

## SMALLPOX.

Argentina :				
Buenos Ayres.....	Oct. 1-Oct. 31	.....	12	
Austria-Hungary :				
Prague.....	Nov. 23-Dec. 13	45	1	
Belgium :				
Antwerp .....	Nov. 23-Dec. 13	6	3	
Brussels.....	Dec. 1-Dec. 6	.....	1	
Ghent.....	Nov. 23-Dec. 13	.....	6	
Brazil :				
Bahia.....	Nov. 16-Nov. 29	4	1	
Pernambuco .....	Nov. 1-Nov. 15	.....	9	
Canada :				
Manitoba, Winnipeg .....	Dec. 14-Dec. 20	1	.....	
Nova Scotia, Halifax.....	Dec. 24 .....	1	.....	On ss. Assyria.
Ecuador :				
Guayaquil.....	Nov. 23-Nov. 29	.....	2	
France :				
Marseille.....	Nov. 1-Nov. 30	.....	37	
Gibraltar.....	Nov. 24-Nov. 30	1	.....	
Great Britain :				
Birmingham.....	Dec. 1-Dec. 20	2	.....	
Bradford.....	Dec. 1-Dec. 13	13	.....	
Dundee .....	do.....	4	.....	
Edinburgh.....	Dec. 1-Dec. 6	1	.....	
Leeds.....	Dec. 1-Dec. 20	30	2	
Liverpool .....	To Dec. 20.....	56	1	
London.....	Dec. 1-Dec. 20	12	.....	
Manchester.....	Dec. 1-Dec. 13	6	.....	
Sheffield .....	do .....	5	.....	
India :				
Bombay.....	Nov. 19-Dec. 2	.....	5	
Calcutta.....	Nov. 16-Nov. 22	.....	1	
Korachl.....	Nov. 24-Nov. 30	1	.....	
Madras.....	Nov. 15-Nov. 21	.....	1	
Italy :				
Palermo.....	Nov. 23-Dec. 20	35	3	
Malta.....	Nov. 24-Nov. 30	1	.....	
Mexico :				
City of Mexico.....	Dec. 1-Dec. 21	7	4	
Russia :				
Moscow .....	Nov. 16-Dec. 6	11	2	
Odessa.....	Nov. 23-Dec. 13	.....	5	
St. Petersburg.....	do .....	33	6	
Straits Settlements—				
Singapore.....	Nov. 1-Nov. 15	.....	5	
Turkey :				
Constantinople.....	Nov. 24-Dec. 14	.....	4	
Uruguay :				
Montevideo .....	Nov. 2-Nov. 8	16	1	

### *Weekly mortality table, foreign and insular cities*

## 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.
Messina.....	Dec. 18	107,000	27	.....	.....	.....	.....	1	17	1	.....	.....	.....	.....
Mexico.....	Dec. 21	368,777	324	35	.....	.....	.....	.....	.....	1	19	15	11	4
Moscow.....	Dec. 6	1,173,427	508	14	.....	.....	.....	.....	.....	1	2	3	3	3
Munich.....	do.....	506,000	205	31	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Naples.....	Dec. 15	566,825	224	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Newcastle-on-Tyne.....	Dec. 13	219,021	98	.....	.....	.....	.....	.....	.....	1	.....	4	.....	.....
Nottingham.....	do.....	239,753	97	.....	.....	.....	.....	.....	.....	2	.....	2	.....	2
Nuremberg.....	Nov. 29	268,190	110	14	.....	.....	.....	.....	.....	1	8	3	.....	1
Do.....	Dec. 6	268,190	86	12	.....	.....	.....	.....	.....	4	.....	.....	.....	2
Palermo.....	Dec. 6	330,000	124	8	.....	.....	2	2	4	.....	.....	.....	.....	.....
Panama.....	Nov. 20	20,000	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
Paris.....	Dec. 18	2,660,559	1,018	.....	.....	.....	.....	.....	.....	9	2	15	3	5
Puerto Cortez.....	Dec. 25	2,000	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Rheims.....	Dec. 7	108,385	40	5	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Do.....	Dec. 14	108,385	40	2	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Rotterdam.....	Dec. 20	246,866	165	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....
St. John, New Brunswick.....	Dec. 27	40,711	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Stephen, New Brunswick.....	do.....	2,840	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Santa Cruz de Teneriffe.....	Dec. 13	36,500	7	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Santander.....	Dec. 15	63,574	29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sheffield.....	Dec. 6	412,000	126	20	.....	.....	.....	.....	.....	4	2	1	6	2
Do.....	Dec. 13	412,000	124	18	.....	.....	.....	.....	.....	1	2	2	1	1
Singapore.....	Nov. 8	97,111	214	31	.....	11	.....	3	.....	.....	.....	.....	.....	.....
Do.....	Nov. 15	97,111	231	32	.....	11	.....	2	.....	.....	.....	.....	.....	.....
Solingen.....	Dec. 6	15,142	22	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Southampton.....	Dec. 13	107,833	34	3	.....	.....	.....	.....	.....	.....	1	.....	1	.....
South Shields.....	do.....	108,308	53	4	.....	.....	.....	.....	.....	1	.....	7	.....	.....
Stettin ...	do.....	215,267	77	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sunderland.....	do.....	147,983	51	.....	.....	.....	.....	.....	.....	1	1	.....	1	1
Trapani.....	do.....	61,437	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trieste.....	Nov. 29	183,295	104	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tuxpan.....	Dec. 23	13,000	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vera Cruz.....	Dec. 20	32,000	77	14	.....	.....	3	.....	.....	1	.....	2	.....	.....
Winnipeg.....	do.....	50,000	3	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
Yokohama.....	Nov. 29	189,455	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
Zurich.....	Dec. 6	166,000	44	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....

By authority of the Secretary of the Treasury:

WALTER WYMAN,  
Surgeon-General Public Health and Marine-Hospital Service.