

# PUBLIC HEALTH REPORTS.

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## UNITED STATES.

Appropriations, and other provisions made by Congress in behalf of the United States Public Health and Marine-Hospital Service.

[Fifty-seventh Congress, second session, ended March 4, 1903.]

### APPROPRIATIONS.

[Legislative, in effect July 1, 1903.]

The chief clerk of the Public Health and Marine-Hospital Service is made also disbursing agent, with increased compensation.

### APPROPRIATIONS.

[Sundry civil, in effect July 1, 1903.]

*Portland, Maine, Quarantine Station.*

For purchase of site, erection of buildings, and equipment of station, fifty thousand dollars.

*Pensacola, Florida, Quarantine Station.*

For wharf, quarters, hospital, water supply, telephone line, and improvements to station, fourteen thousand dollars.

*Brunswick, Georgia, quarantine station.*

That so much of the sundry civil act, approved June 6, 1900, as relates to the removal of the quarantine station at Brunswick, Georgia, in words as follows: "The quarantine station, Brunswick, Georgia: For removal of station, purchase of site, erection of buildings, and equipment of station, twenty thousand dollars" be amended so as to read:

"The quarantine station, Brunswick, Georgia: For removal of station, purchase of site, erection of buildings, and equipment of station, or, in the discretion of the Secretary of the Treasury, for the purchase of the site of the present station, and improvement thereof by the erection of buildings and otherwise, twenty thousand dollars."

*San Diego, California, Quarantine Station.*

For quarters and bath house, and improvements to station, six thousand dollars.

*Honolulu, Hawaii, Quarantine Station.*

For construction of wharf at U. S. Quarantine Station, Honolulu, Hawaii, fifty-five thousand dollars; for a runway to connect wharf with the island, ten thousand dollars; for retaining wall around the island, ten thousand dollars; for laundry plant, five thousand dollars; in all, eighty thousand dollars.

*Pittsburg, Pa. U. S. Marine Hospital, Pittsburg, Pennsylvania.*

That the Secretary of War be, and he is hereby, authorized in his discretion, upon the application of the Secretary of the Treasury, to transfer to the custody and control of the Treasury Department as a marine-hospital site so much of the arsenal grounds in the city of Pittsburg, Pennsylvania, as may be required for that purpose, not exceeding five acres in extent, fronting on Pennsylvania avenue, Thirty-ninth, and Fortieth streets.

## APPROPRIATIONS.

Repairs and preservation of public buildings, and for heating apparatus for public buildings. The national quarantine stations participate in this appropriation; the marine hospitals do not.

[Reports to the Surgeon-General Public Health and Marine-Hospital Service.]

*Record of work in Chinatown, San Francisco.*

Surgeon Glennan reports, for the week ended February 28, as follows:

*Summary of work in Chinatown, week ended February 28, 1903.*

Houses inspected.....	292
Rooms inspected.....	1, 971
Persons inspected.....	2, 637
Sick inspected.....	45
Dead inspected.....	5
Places limed.....	151
Rats from Chinatown and city wharves examined.....	29
Rats infected.....	0

Sewers flushed twice. Streets swept and sprinkled with bichloride solution three times. Rat poison in all the sewers showing satisfactory results.

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

MICHIGAN.—Reports to the State board of health, Lansing, for the week ending February 21, 1903, from 67 observers, indicate that pleuritis, scarlet fever, and measles were more prevalent, and phthisis

pulmonalis and diphtheria were less prevalent than in the preceding week.

Whooping cough was reported present at 20, diphtheria at 34, enteric fever at 41, measles at 59, scarlet fever at 90, smallpox at 114, and phthisis pulmonalis at 172 places.

*Grand Rapids.*—Month of January, 1903. Estimated population, 90,000. Total number of deaths, 128; including enteric fever, 2; scarlet fever, 1; and 13 from tuberculosis.

The monthly bulletin of vital statistics says: There were 2,856 deaths returned to the department of state for the month of January, 1903, corresponding to a death rate of 13.5 per 1,000 population. The number returned was 190 more than that registered for the preceding month, and 32 more than the number registered for January, 1902.

There were 550 deaths of infants under 1 year, 178 deaths of children aged 1 to 4 years, both inclusive, and 906 deaths of elderly persons aged over 65 years.

Important causes of death were as follows: Tuberculosis of lungs, 170; other forms of tuberculosis, 25; typhoid fever, 48; diphtheria and croup, 58; scarlet fever, 36; measles, 13; whooping cough, 40; pneumonia, 382; influenza, 39; cancer, 140; accidents and violence, 126.

Typhoid fever and diphtheria slightly decreased in the number of deaths as compared with December. The deaths from external causes were also considerably less. Scarlet fever and whooping cough showed marked amounts of increase. Pneumonia was considerably more fatal, and the number of deaths from cancer exceeded any month during the previous year.

There were 7 deaths from smallpox, distributed as follows: Union Township, Branch County, 1; Harbor Beach village, Huron County, 1; Wyandotte city, 1; Detroit city, 4. One death was reported from hydrophobia in the city of Detroit.

MINNESOTA—*Minneapolis.*—Month of January, 1903. Census population, 202,718. Total number of deaths, 196, including diphtheria, 8; enteric fever, 7; measles, 1; scarlet fever, 1; smallpox, 1, and 28 from tuberculosis.

NEW HAMPSHIRE—*Concord.*—Month of December, 1902. Estimated population, 19,500. Total number of deaths, 34, including 2 from tuberculosis.

Month of January, 1903. Total number of deaths, 39, including enteric fever, 1; whooping cough, 1, and 3 from tuberculosis.

OHIO—*Toledo.*—Month of December, 1902. Estimated population, 150,000. Total number of deaths, 156, including diphtheria, 7; enteric fever, 5; whooping cough, 1; smallpox, 2, and 16 from tuberculosis.

RHODE ISLAND—*Newport.*—Month of January, 1903. Estimated population, 23,000. Total number of deaths, 28, including diphtheria, 4, and 2 from tuberculosis.

UTAH—*Ogden*.—Month of January, 1903. Estimated population, 20,000. Total number of deaths, 17, including 1 from diphtheria.

*Salt Lake City*.—Month of January, 1903. Census population, 53,531. Total number of deaths, 59, including diphtheria, 5; small-pox, 2, and 3 from tuberculosis.

WEST VIRGINIA—*Wheeling*.—Two weeks ended February 14, 1903. Estimated population, 40,000. Total number of deaths, 31, including enteric fever, 4; measles, 1, and 3 from tuberculosis.

Two weeks ended February 28, 1903. Total number of deaths, 30, including diphtheria, 1; enteric fever, 3, and 5 from tuberculosis.

*Inspection of immigrants.*

WEEKLY.

Place.	Week ended—	Number of vessels.	Number of immigrants.
Boston, Mass.....	Feb. 21	12	712
New York, N. Y.....	.....do....	14	6,287
Philadelphia, Pa.....	.....do....	5	1,532
San Juan.....	Feb. 7	3	27
Do.....	Feb. 14	1	1
Subports.....	Feb. 7	1	4

MONTHLY.

Place.	Month ended—	Number of immigrants passed.	Number of immigrants rejected.
Honolulu, Hawaii.....	Jan. 31, 1903	1,143	218
Laredo, Tex.....	Nov. 30, 1902	160	1
Do.....	Dec. 31, 1902	96	3
Do.....	Jan. 31, 1903	166	6
New Orleans, La.....	Oct. 31, 1902	2,795	26
Philadelphia, Pa.....	.....do.....	710	13

*Reports from national quarantine*

Number.	Name of station.	Week ended—	Name of vessel.	Date of arrival.	Port of departure.
1	UNITED STATES: Alexandria, Va .....	Feb. 21			
2	Beaufort, N. C. ....	Feb. 28			
3	Biscayne Bay, Fla. ....	do ..			
4	Boca Grande, Fla.—	do ..			
5	Punta Gorda .....	Feb. 21			
6	Punta Rassa .....	Feb. 28			
7	Brunswick, Ga. ....	Feb. 21			
8	Cape Charles, Va. ....	do ..			
9	Cape Fear, N. C. ....	Feb. 28			
10	Cedar Keys, Fla. ....	Feb. 21			
11	Columbia River, Oreg. ....	Feb. 28			
12	Cumberland Sound, Fla. ....	Feb. 14			
13	Delaware Breakwater quarantine, Lewes, Del. ....	Feb. 28			
14	Dutch Harbor, Alaska .....	Jan. 14			
15	Eastport, Me. ....	Feb. 19			
16	Eureka, Cal. ....	Feb. 26			
17	Grays Harbor, Wash. ....	Feb. 14			
18	Gulf quarantine, Ship Island, Miss. ....	Feb. 21			
19	Key West, Fla. ....	Feb. 21			
20	Los Angeles, Cal. ....	do ..			
21	Newbern, N. C. ....	Feb. 14			
22	Nome, Alaska. ....	Feb. 28			
23	Pascagoula, Miss. ....	Feb. 3			
24	Port Angeles, Wash. ....	Feb. 21			
25	Portland, Me. ....	Feb. 14			
26	Port Townsend, Wash. ....	Feb. 21			
27	Reedy Island, Del. ....	do ..			
28	St. Georges Sound, Fla: East Pass .....	Feb. 23			
29	West Pass .....	Feb. 14			
30	St. Johns River, Fla. ....	Feb. 21			
31	San Diego, Cal. ....	do ..			
	San Francisco, Cal. ....	Feb. 14			
		Feb. 21			

and inspection stations.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
1				No transactions.	
2				do.	
3				No report	
4				do.	
5				1 vessel spoken and passed.	
6				No transactions.	2
7				1 vessel boarded and passed	5
8					3
9				No report	1
10					2
11				No report	
12				No transactions.	
13					
14				No report	14
15					15
16				No transactions.	2
17				do.	
18					4
19					1
20				No transactions.	5
21				do.	
22				No report	
23				do.	
24				1 vessel spoken and passed	3
25				No transactions.	
					9
				Glandular region of forecastle crew and steerage passengers on Japanese S. S. Tosa Maru, from Hongkong, examined. 5 of crew on Norwegian bk. Fortuna, from Manzanillo, suffering with chills and fever.	10
				Glandular region of forecastle crew and steerage passengers on American ss. Olympia, from Hongkong.	3
26				1 vessel spoken and passed	20
27				No report	
28				No transactions.	
29				do.	
30				do.	2
31					1
				1 vessel boarded and passed. Glandular region of forecastle crew on British ss. Victoria and Doric, from Hongkong, examined. Temperature taken of all on board ss. Sierra, from Sydney, and ss. Acapulco, from Panama.	17
				2 vessels boarded and passed. Glandular region of forecastle crew and steerage passengers on Japanese ss. Nippon Maru, from Hongkong, examined; temperature taken of all cabin passengers from Honolulu. Malaria on American ss. Peru, from Panama; temperature of all on board taken.	10

*Reports from national quarantine*

Number.	Name of station.	Week ended—	Name of vessel.	Date of arrival.	Port of departure.
	UNITED STATES—Continued.				
32	San Pedro, Cal.....	Feb. 21			
33	Santa Barbara, Cal.....	do			
34	Santa Rosa, Fla.....	Feb. 28			
35	Savannah, Ga.....	Feb. 21	Am. schr. Gertrude L. Trundy."	Feb. 14	Matanzas.....
36	Sitka, Alaska.....	Feb. 8			
		Feb. 15			
37	South Atlantic Quarantine, Blackbeard Island, Ga.	Feb. 21			
38	Tampa Bay, Fla.....	do			
39	Washington, N. C.....	do			
	CUBA:				
40	Cienfuegos.....	Feb. 28			
41	Habana.....	Feb. 14			
42	Matanzas.....	Feb. 21			
43	Nuevitas.....	Feb. 28			
44	Santiago de Cuba.....				
	HAWAII:				
45	Hilo.....	Jan. 31			
46	Honolulu.....	Feb. 7			
47	Kahului.....	do			
48	Kihei.....	Jan. 31			
49	Koloa.....	Feb. 7			
50	Lahaina.....	do			
	PHILIPPINES:				
51	Cebu.....	Jan. 3			
52	Iloilo.....	do			
53	Manila.....	Jan. 10			
	PORTO RICO:				
54	Ponce.....	Feb. 14	Ger. ss. Sardinia.....	Feb. 8	Vera Cruz.....
55	San Juan.....	do			
	Subports—				
56	Aguadilla.....	Feb. 14			
57	Arecibo.....	Feb. 7			
		Feb. 14			
58	Arroyo.....	do			
59	Fajardo.....	do			
60	Humacao.....	do			
61	Mayaguez.....	do			

a Previously reported.

*Reports from State and*

Number.	Name of station.	Week ending—	Name of vessel.	Date of arrival.	Port of departure.
1	Baltimore, Md.....	Feb. 28			
2	Bangor, Me.....	do			
3	Boston, Mass.....	do			
4	Charleston, S. C.....	do			
5	Elizabeth River, Va.....	do			
6	Galveston, Tex.....	do			
7	Gardiner, Oreg.....	do			
8	Marcus Hook, Pa.....	do			
9	Mobile Bay, Ala.....	Feb. 21			
10	New Bedford, Mass.....	Feb. 28			
11	New Orleans, La.....	Feb. 14	Ger. bk. Padosa.....	Feb. 8	Rio de Janeiro.....
			Br. ss. Horrox.....	Feb. 13	Santos.....
		Feb. 21	Br. ss. Flaxman.....	Feb. 19	Santos via Rio de Janeiro.
12	Newport News, Va.....	Feb. 28			
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.....	Feb. 22			

*and inspection stations—Continued.*

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
32				No report	
33				do.	
34				do.	
35	Savannah	Fumigated	Feb. 17	1 case inflammation lymphatic groin removed from Norwegian bark Smart, under observation at station hospital. Previously reported.	2
36					2
37					3
38				No transactions	1
39				do.	
40				No report	
41					17
42				No transactions	
43				No report	
44					
45				No transactions	
46					14
47				No transactions	
48				do.	
49				do.	
50				do.	1
51				No report	
52				do.	
53				do.	
54	Hamburg	Held in quarantine	Feb. 9		2
55					6
56					2
57					1
58					2
59					1
60					2
61					1

*municipal quarantine stations.*

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
1				No report	
2				do.	
3				do.	
4				do.	
5				do.	
6				do.	
7				do.	
8				do.	
9					13
10				No report	
11	New Orleans	Disinfected	Feb. 8		
	do.	do.	Feb. 13		
	do.	do.	Feb. 19		
12				No report	
13				do.	
14				do.	
15				do.	
16				do.	
17				do.	
18				do.	
19				do.	
20				do.	1



*Smallpox in the United States as reported to the Surgeon-General Public Health and Marine-Hospital Service, December 27, 1902, to March 6, 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.
<b>Alabama:</b>				
Mobile .....	Feb. 7.....	2		Imported.
Total for State .....		2		
Total for State, same period, 1902.....		6		
<b>California:</b>				
Fresno .....	Dec. 1-Jan. 31	23		
Los Angeles .....	Dec. 8-Feb. 14	15		
Oakland .....	Dec. 1-Dec. 31	6		
Sacramento .....	Dec. 7-Feb. 14	11		
San Francisco .....	Dec. 8-Feb. 15	63	1	
Stockton .....	Dec. 1-Jan. 31	18		
Total for State .....		136	1	
Total for State, same period, 1902.....		175		
<b>Colorado:</b>				
Arapahoe County (Denver included).....	Dec. 7-Feb. 7	71		
Boulder County .....	Jan. 1-Jan. 31	7		
Clear Creek County .....	.....do.....	9		
El Paso County (Colorado Springs included).....	Feb. 1-Feb. 7	9		
Garfield County .....	Dec. 1-Jan. 31	2		
Jefferson County .....	Jan. 1-Jan. 31	4		
Larimer County .....	Dec. 1-Dec. 31	2		
Las Animas County .....	.....do.....	1		
Mesa County .....	Dec. 1-Jan. 31	2		
Otero County .....	Dec. 1-Dec. 31	105		
Phillips County .....	Jan. 1-Jan. 31	2		
Pueblo County .....	Dec. 1-Jan. 31	8		
Rio Blanco County .....	.....do.....	65		
Routt County .....	.....do.....	2		
Teller County .....	Jan. 1-Jan. 31	4		
Yuma County .....	Dec. 1-Dec. 31	2		
Total for State .....		295		
Total for State, same period, 1902.....		341		
<b>Connecticut:</b>				
Hartford .....	Dec. 1-Dec. 31	1		Imported.
Killingly .....	.....do.....	3		
New Britain .....	.....do.....	1		
Norwich .....	.....do.....	6		
Plainfield .....	.....do.....	4		
Preston .....	.....do.....	1		
Putnam .....	.....do.....	6		
Sprague .....	.....do.....	15		
Thompson .....	Jan. 10.....	1		
Willimantic .....	Dec. 1-Dec. 31	1		
Total for State .....		39		
Total for State, same period, 1902.....				
<b>District of Columbia:</b>				
Washington .....	Jan. 11-Feb. 21	6		
Total for District .....		6		
Total for District, same period, 1902.....		4		
<b>Florida:</b>				
Laurel Hill .....	Feb. 1-Feb. 14	3		
Columbia County (Lake City included).....	Jan. 25-Feb. 14	2		
Dade County .....	Feb. 1-Feb. 14	5		
Duval County (Jacksonville included).....	Jan. 25-Feb. 21	17		
Escambia County (Pensacola included).....	Dec. 7-Feb. 14	170		
Gadsden County (Quincy included).....	Jan. 25-Feb. 14	7		
Holmes County (Westville included).....	.....do.....	2		
Lafayette County .....	Jan. 10-Jan. 24	8		

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

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Florida—Continued.</b>				
Orange County (Orlando included).	Jan. 25-Feb. 14	4	.....	
Santa Rosa County (Milton included).	.....do.....	4	.....	
Wakulla County (Sopchoppy included).	.....do.....	2	.....	
Walton County (Florala included).	Jan. 10-Jan. 31	6	.....	
Total for State .....		230	.....	
Total for State, same period, 1902.		1	.....	
<b>Georgia:</b>				
Atlanta .....	Dec. 11-Feb. 18	81	8	
Total for State .....		81	8	
Total for State, same period, 1902.				
<b>Illinois:</b>				
Belleville .....	Feb. 1-Feb. 7	1	.....	
Chicago .....	Dec. 14-Feb. 28	87	5	
Evanston .....	Jan. 1-Jan. 31	2	.....	
Galesburg .....	Jan. 18-Feb. 14	10	.....	
Peoria .....	Dec. 1-Dec. 31	4	.....	
Total for State .....		104	5	
Total for State, same period, 1902.		451	1	
<b>Indiana:</b>				
Adams County .....	Nov. 1-Jan. 31	49	.....	
Allen County .....	.....do.....	21	.....	
Bartholomew County .....	Dec. 1-Jan. 31	3	.....	
Boone County .....	Nov. 1-Dec. 31	1	.....	
Carroll County .....	Dec. 1-Jan. 31	3	.....	
Cass County .....	Nov. 1-Jan. 31	51	.....	
Clark County .....	Dec. 1-Jan. 31	4	.....	
Clay County .....	Nov. 1-Jan. 31	3	.....	
Clinton County .....	.....do.....	4	2	
Crawford County .....	Dec. 1-Dec. 31	1	.....	
Daviess County .....	Nov. 1-Jan. 31	104	.....	
Dearborn County .....	Jan. 1-Jan. 31	6	.....	
Decatur County .....	Nov. 1-Jan. 31	2	.....	
Dekalb County .....	.....do.....	33	.....	
Delaware County .....	.....do.....	9	.....	
Dubois County .....	Jan. 1-Jan. 31	11	.....	
Elkhart County .....	Dec. 1-Jan. 31	10	.....	
Fayette County .....	Nov. 1-Jan. 31	14	.....	
Floyd County .....	.....do.....	2	.....	
Fountain County .....	Nov. 1-Dec. 31	1	.....	
Fulton County .....	Nov. 1-Jan. 31	6	.....	
Gibson County .....	.....do.....	13	.....	
Grant County .....	.....do.....	67	.....	
Greene County .....	Nov. 1-Dec. 31	36	.....	
Hamilton County .....	Jan. 1-Jan. 31	5	.....	
Hancock County .....	Nov. 1-Jan. 31	49	.....	
Harrison County .....	.....do.....	8	.....	
Howard County (Kokomo included).	.....do.....	14	1	
Jackson County .....	Dec. 1-Jan. 31	9	.....	
Jasper County .....	Jan. 1-Jan. 31	11	.....	
Jay County .....	Nov. 1-Jan. 31	18	.....	
Johnson County .....	Dec. 1-Jan. 31	1	.....	
Knox County .....	Nov. 1-Jan. 31	245	.....	
Kosciusko County .....	.....do.....	6	.....	
Lagrange County .....	Dec. 1-Jan. 31	36	.....	
Lake County .....	Nov. 1-Jan. 31	77	1	
Laporte County .....	Nov. 1-Dec. 31	9	.....	
Lawrence County .....	Nov. 1-Jan. 31	96	.....	
Madison County (Elwood included).	Nov. 1-Feb. 22	15	.....	
Marion County (Indianapolis included).	Nov. 1-Feb. 21	416	76	
Marshall County .....	Dec. 1-Jan. 31	8	.....	
Martin County .....	Nov. 1-Dec. 31	11	.....	
Monroe County .....	Nov. 1-Jan. 31	117	.....	
Morgan County .....	Dec. 1-Jan. 31	10	.....	
Noble County .....	Nov. 1-Dec. 31	5	.....	
Orange County .....	.....do.....	3	.....	
Owen County .....	Dec. 1-Jan. 31	7	2	
Pike County .....	Jan. 1-Jan. 31	9	.....	
Posey County .....	.....do.....	5	.....	

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

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Indiana—Continued.</b>				
Pulaski County .....	Dec. 1-Jan. 31	6	.....	
Putnam County .....	Jan. 1-Jan. 31	7	.....	
Randolph County .....	Nov. 1-Jan. 31	56	7	
Ripley County .....	Nov. 1-Dec. 31	51	.....	
St. Joseph County (South Bend included) .....	Nov. 1-Feb. 21	27	1	
Shelby County .....	Nov. 1-Jan. 31	10	.....	
Spencer County .....	Jan. 1-Jan. 31	7	.....	
Starke County .....	Dec. 1-Jan. 31	21	.....	
Steuben County .....	Dec. 1-Dec. 31	4	1	
Tippecanoe County .....	Nov. 1-Jan. 31	5	.....	
Tipton County .....	do	7	.....	
Vanderburg County (Evansville included) .....	Nov. 1-Feb. 21	22	3	Three cases imported.
Vermilion County .....	Dec. 1-Jan. 31	54	1	
Vigo County .....	Nov. 1-Jan. 31	71	.....	
Wabash County .....	do	22	.....	
Washington County .....	Dec. 1-Dec. 31	58	.....	
Wayne County .....	Dec. 1-Jan. 31	4	.....	
Wells County .....	Jan. 1-Jan. 31	1	.....	
Total for State .....		2,077	95	
Total for State, same period, 1902. ....		562	5	
<b>Iowa:</b>				
Davenport .....	Nov. 1-Feb. 21	33	.....	
Des Moines .....	Jan. 1-Jan. 31	10	.....	
Total for State .....		43	.....	
Total for State, same period, 1902. ....		108	.....	
<b>Kansas:</b>				
Douglas County (Lawrence included) .....	Jan. 1-Jan. 31	2	.....	Imported from Missouri.
Wichita .....	Jan. 11-Feb. 14	2	.....	
Total for State .....		4	.....	
Total for State, same period, 1902. ....		856	1	
<b>Kentucky:</b>				
Covington .....	Dec. 1-Jan. 10	83	2	
Lexington .....	Dec. 14-Feb. 21	26	.....	
Louisville .....	Jan. 1, 1902, to Jan. 31, 1903.	353	2	
Newport .....	Jan. 4-Feb. 14	5	.....	
Total for State .....		467	4	
Total for State, same period, 1902. ....		52	2	
<b>Louisiana:</b>				
New Orleans .....	Dec. 14-Feb. 12	8	.....	Two cases imported.
Total for State .....		8	.....	
Total for State, same period, 1902. ....		157	4	
<b>Maine:</b>				
Biddeford .....	Dec. 15-Feb. 21	97	.....	
Kennebunk .....	Dec. 8	6	.....	
Lewiston .....	Jan. 10-Jan. 17	7	.....	
North Berwick .....	Feb. 10	2	.....	
Portland .....	Dec. 21-Feb. 7	1	1	
Shiloh .....	Dec. 8	7	.....	
Aroostook County (Presque Isle included) .....	To Jan. 20	150	.....	
Total for State .....		270	1	
Total for State, same period, 1902. ....		31	1	
<b>Maryland:</b>				
Baltimore .....	Dec. 28-Feb. 21	9	.....	Four cases imported.
Cumberland .....	Dec. 1-Jan. 31	17	.....	
Total for State .....		26	.....	
Total for State, same period, 1902. ....		12	.....	

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

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Massachusetts:</b>				
Boston .....	Dec. 14-Feb. 28	106	25	
Cambridge .....	Dec. 28-Jan. 24	9		
Chelsea .....	Dec. 27-Jan. 24	3		
Everett .....	Dec. 14-Dec. 20	1	1	
Fall River .....	Dec. 28-Jan. 10	5		
Haverhill .....	Jan. 18-Feb. 14	7	1	
Lawrence .....	Dec. 14-Jan. 3	3		
Lowell .....	Jan. 4-Jan. 10	1		
Lynn .....	Feb. 1-Feb. 7	1		
Melrose .....	Jan. 10-Jan. 17	1		
New Bedford .....	Feb. 1-Feb. 28	3		
Newton .....	Dec. 1-Feb. 28	1	1	
Somerville .....	Dec. 21-Dec. 27	1		
Total for State .....		143	28	
Total for State, same period, 1902.		493	70	
<b>Michigan:</b>				
Branch County (Harbor Beach included) .....	Jan. 1-Jan. 31		1	Was present in 48 counties, at 114 places, during the week ended Feb. 21, 1903.
Genesee County (Flint included) .....	Jan. 31-Feb. 7	2		
Huron County .....	Jan. 1-Jan. 31		1	
Kent County (Grand Rapids included) .....	Dec. 14-Feb. 21	95		
Marquette County (Marquette included) .....	Feb. 7-Feb. 21	10		
Menominee County .....	.....do .....	2		
St. Clair County (Port Huron included) .....	Feb. 15-Feb. 21	8		
Wayne County (Detroit included) .....	Dec. 14-Feb. 21	238	6	
Total for State .....		355	8	
Total for State, same period, 1902.		79	1	
<b>Minnesota:</b>				
Aitkin County .....	Dec. 8-Jan. 19	6		
Anoka County .....	Feb. 2-Feb. 9	29		
Becker County .....	Jan. 19-Jan. 26	1		
Beltrami County .....	Dec. 15-Feb. 16	28		
Benton County .....	Dec. 8-Feb. 16	84		
Bigstone County .....	Dec. 15-Feb. 16	53		
Blue Earth County .....	Dec. 8-Feb. 16	35		
Brown County .....	Jan. 27-Feb. 2	1		
Carver County .....	Dec. 8-Feb. 9	29		
Cass County .....	Dec. 15-Feb. 2	19		
Chippewa County .....	Dec. 8-Feb. 2	8		
Cottonwood County .....	Dec. 30-Jan. 5	1		
Crow Wing County .....	Dec. 8-Feb. 16	27		
Dakota County .....	Dec. 22-Dec. 29	7		
Douglas County .....	Dec. 8-Feb. 16	416	1	
Freeborn County .....	Dec. 30-Feb. 16	16		
Goodhue County .....	Jan. 5-Jan. 26	3		
Grant County .....	Dec. 8-Feb. 16	24		
Hennepin County .....	.....do .....	119	1	
Houston County .....	Dec. 8-Dec. 29	2		
Hubbard County .....	Dec. 30-Feb. 16	31		
Isanti County .....	.....do .....	15		
Itasca County .....	Jan. 20-Feb. 9	2		
Jackson County .....	Dec. 22-Dec. 29	9		
Kanabec County .....	Dec. 8-Dec. 15	5		
Kandiyohi County .....	Dec. 8-Jan. 26	7		
Kittson County .....	Dec. 30-Feb. 16	13		
Lac qui Parle County .....	Dec. 8-Feb. 2	21		
Lake County .....	Jan. 20-Jan. 26	1		
Le Sueur County .....	Jan. 9-Jan. 16	2		
Lincoln County .....	Feb. 2-Feb. 9	1		
McLeod County .....	Dec. 8-Feb. 2	7		
Marshall County .....	Dec. 15-Dec. 22	1		
Martin County .....	Jan. 20-Jan. 26	2		
Meeker County .....	Dec. 8-Feb. 16	46		
Millelacs County .....	Dec. 8-Feb. 9	11		
Morrison County .....	Dec. 30-Feb. 9	12		
Mower County .....	Dec. 8-Jan. 12	11	1	
Murray County .....	Dec. 8-Feb. 16	26		
Nobles County .....	Dec. 15-Feb. 16	30		
Norman County .....	Dec. 15-Jan. 12	2		
Ottertail County .....	Dec. 8-Feb. 16	187		
Pine County .....	Jan. 5-Feb. 9	13		
Polk County .....	Dec. 22-Feb. 2	4		
Ramsey County .....	Dec. 8-Feb. 16	33		
Renville County .....	.....do .....	20		

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

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Minnesota—Continued.</b>				
Rice County .....	Dec. 8-Feb. 16	93	.....	
Roseau County .....	Dec. 30-Feb. 16	48	.....	
St. Louis County .....	do	27	.....	
Scott County .....	Jan. 27-Feb. 2	3	.....	
Sherburne County .....	do	1	.....	
Sibley County .....	Dec. 15-Feb. 16	64	.....	
Stearns County .....	Dec. 8-Feb. 16	44	.....	
Steele County .....	Dec. 15-Feb. 16	3	.....	
Stevens County .....	Dec. 30-Feb. 16	10	1	
Swift County .....	Jan. 27-Feb. 16	4	.....	
Todd County .....	Dec. 15-Feb. 16	19	.....	
Wabasha County .....	Dec. 8-Feb. 16	21	.....	
Wadena County .....	Dec. 22-Dec. 29	9	.....	
Washington County .....	Jan. 12-Feb. 16	9	.....	
Wilkin County .....	Dec. 30-Feb. 16	2	.....	
Wright County .....	Dec. 8-Feb. 16	97	.....	
Yellow Medicine County .....	Dec. 30-Jan. 5	1	.....	
Total for State .....		1,868	4	
Total for State, same period, 1902.		3,674	16	
<b>Mississippi:</b>				
Natchez .....	Dec. 22	10	.....	
Total for State .....		10	.....	
Total for State, same period, 1902.				
<b>Missouri:</b>				
St. Louis .....	Dec. 15-Feb. 22	162	3	
Total for State .....		162	3	
Total for State, same period, 1902.		806	8	
<b>Montana:</b>				
Butte .....	Dec. 23-Dec. 29	1	.....	
Helena .....	Dec. 1-Dec. 31	6	.....	
Total for State .....		7	.....	
Total for State, same period, 1902.		20	.....	
<b>Nebraska:</b>				
Omaha .....	Dec. 14-Feb. 14	55	.....	
South Omaha .....	Jan. 1-Jan. 31	1	.....	
Total for State .....		56	.....	
Total for State, same period, 1902.		785	1	
<b>New Hampshire:</b>				
Manchester .....	Dec. 1-Feb. 21	44	.....	
Nashua .....	Dec. 14-Jan. 24	33	.....	
Total for State .....		77	.....	
Total for State, same period, 1902.		15	.....	
<b>New Jersey:</b>				
Camden County (Camden in- cluded) .....	Dec. 14-Feb. 21	30	.....	
Essex County (Newark in- cluded) .....	Dec. 14-Feb. 14	27	3	
Hudson County (Jersey City included) .....	Dec. 22-Feb. 15	10	1	
Union County (Plainfield in- cluded) .....	Jan. 10-Feb. 14	3	.....	
Total for State .....		70	4	
Total for State, same period, 1902.		648	85	
<b>New York:</b>				
Binghamton .....	Dec. 21-Dec. 27	1	.....	
Buffalo .....	Dec. 14-Feb. 28	12	.....	
New York .....	Dec. 14-Feb. 21	20	2	
Yonkers .....	Feb. 20-Feb. 27	1	.....	
Total for State .....		33	3	
Total for State, same period, 1902.		646	77	

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

Places.	Date.	Cases.	Deaths.	Remarks.
North Carolina:				
Buncombe County .....	Nov. 1-Dec. 31	43		Imported.
Burke County .....	do	10		
Cabarrus County .....	do	7		
Caldwell County .....	do	6		
Cherokee County .....	do	7		
Cleveland County .....	do	5		
Craven County .....	do	61		
Cumberland County .....	do	1		
Davie County .....	Dec. 1-Dec. 31	1		
Forsyth County .....	Nov. 1-Dec. 31	35		
Gaston County .....	do			
Graham County .....	do	8		
Guilford County .....	do	4		
Henderson County .....	Dec. 1-Dec. 31	2		
Iredell County .....	Nov. 1-Dec. 31	1		
Jones County .....	do	13		
Lincoln County .....	Dec. 1-Dec. 31	8		
McDowell County .....	Nov. 1-Dec. 31	37		
Mecklenburg County (Charlotte included).	do	214	21	
Onslow County .....	do	76	2	
Polk County .....	Dec. 1-Dec. 31	2		
Randolph County .....	Nov. 1-Dec. 31	6		
Rockingham County .....	Dec. 1-Dec. 31	4		
Rowan County .....	do	1		
Rutherford County .....	do	3		
Surry County .....	Nov. 1-Dec. 31	77		
Swain County .....	do	40		
Transylvania County .....	Dec. 1-Dec. 31	4		
Union County .....	Nov. 1-Dec. 31	38		
Wake County .....	Dec. 1-Dec. 31	1		
Yadkin County .....	Nov. 1-Dec. 31	13		
Total for State .....		731	23	
Total for State, same period, 1902.		364		
Ohio:				
Butler County (Hamilton included).	Dec. 14-Feb. 14	11		
Columbiana County (East Liverpool included).	Jan. 1-Jan. 31	2		
Cuyahoga County (Cleveland included).	Dec. 14-Feb. 28	111	31	
Hamilton County (Cincinnati included).	Dec. 13-Feb. 27	114	3	
Lucas County (Toledo included).	Dec. 6-Feb. 14	84	4	
Montgomery County (Dayton included).	Dec. 14-Feb. 28	43	1	
Ross County (Chillicothe included).	Jan. 18-Feb. 14	12		
Trumbull County (Warren included).	Dec. 7-Dec. 27	5	1	
Total for State .....		382	40	
Total for State, same period, 1902.		785	20	
Pennsylvania:				
Allegheny County (Pittsburg and McKeesport included).	Jan. 1-Feb. 21	204	30	Six cases imported.
Armstrong County (Freeport included).	Jan. 1-Jan. 31	5		
Berks County (Reading included).	Jan. 6-Feb. 20	3		
Blair County (Altoona included).	Dec. 21-Feb. 28	16	5	
Bucks County (Bristol included).	Jan. 1-Jan. 31	24	2	
Butler County (Butler included).	Jan. 18-Jan. 24	1		
Cambria County (Johnstown included).	Dec. 14-Feb. 21	221	21	
Chester County (Spring City included).	Jan. 1-Jan. 31	3		
Clarion County .....	do	4		
Clearfield County .....	do	1		
Crawford County .....	do	8		
Dauphin County .....	do	1		
Delaware County .....	do	29	2	
Elk County .....	do	58	1	
Erie County (Erie included)...	Dec. 14-Feb. 21	57	2	
Greene County .....	Jan. 1-Jan. 31	5		

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

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Pennsylvania—Continued.</b>				
Huntingdon County (Huntingdon included).	Jan. 1-Jan. 31	4	1	
Indiana County.	do	3		
Jefferson County.	do	71	2	
Lawrence County (Newcastle included).	Jan. 1, 1902-Jan. 31, 1903.	31		
Lycoming County (Williamsport included).	Dec. 28-Jan. 31	42		
Mercer County.	Jan. 1-Jan. 31	5		
Northumberland County.	Dec. 1-Jan. 31	15		
Philadelphia County.	Dec. 14-Feb. 28	290	23	
Schuylkill County (Pottsville included).	Dec. 1-Jan. 31	54		
Somerset County.	Jan. 1-Jan. 31	6		
Warren County.	do	21		
Westmoreland County.	do	4		
York County (York included).	do	1		
Total for State.		1,187	89	
Total for State, same period, 1902.		1,090	178	
<b>Rhode Island:</b>				
Newport.	Dec. 28-Jan. 3	1	1	
Warwick.	Dec. 25-Dec. 31	4		
Total for State.		5	1	
Total for State, same period, 1902.		143	3	
<b>South Carolina:</b>				
Charleston.	Dec. 21-Feb. 21	37	1	
Douglass.	Nov. 1-Nov. 30	32		
Georgetown.	Jan. 23.	1		
Greenville.	Jan. 18-Feb. 14	4		
Jonesville.	Nov. 1-Nov. 30	4		
Monticello.	do	4		
Willing.	do	50	3	
James Island.	do	7		
Wadmalaw and Edisto islands.	do	49	1	
Total for State.		188	5	
Total for State, same period, 1902.		24		
<b>South Dakota:</b>				
Sioux Falls.	Dec. 21-Dec. 27	1		
Total for State.		1		
Total for State, same period, 1902.		6		
<b>Tennessee:</b>				
Davidson County (Nashville included).	Feb. 14-Feb. 21	1		
Shelby County (Memphis included).	Dec. 7-Feb. 21	27		Two cases imported.
Total for State.		28		
Total for State, same period, 1902.		106		
<b>Texas:</b>				
San Antonio.	Dec. 1-Dec. 31	3		
Total for State.		3		
Total for State, same period, 1902.		155	3	
<b>Utah:</b>				
Ogden City.	Jan. 1-Jan. 31	17		
Salt Lake City.	Dec. 1-Feb. 21	153	2	Five cases imported.
Total for State.		170	2	
Total for State, same period, 1902.		6		
<b>Virginia:</b>				
Danville.	Jan. 10-Jan. 17	9	1	
Total for State.		9	1	
Total for State, same period, 1902.		117		

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

Places.	Date.	Cases.	Deaths.	Remarks.
Washington:				
Tacoma .....	Dec. 8-Feb. 16	4		
Total for State .....		4		
Total for State, same period, 1902. ....		303	1	
Wisconsin:				
Eighteen counties, 25 places ..	Sept. 1-Sept. 30	52	1	
Twenty-three counties, 34 places .....	Oct. 1-Oct. 31	184		
Twenty-eight counties, 46 places .....	Nov. 1-Nov. 30	278	1	
Thirty-nine counties, 65 places ..	Dec. 1-Dec. 31	317	1	
Forty-one counties, 74 places ..	Jan. 1-Jan. 31	410	3	
Greenbay .....	Feb. 16-Feb. 22	1		
Milwaukee .....	Feb. 1-Feb. 21	6		
Total for State .....		1,248	6	
Total for State, same period, 1902. ....		5,964	33	
Grand total .....		10,525	331	
Grand total, same period, 1902. ....		20,054	616	

*Plague in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, from December 27, 1902, to March 6, 1903.*

[NOTE.—In accordance with custom, the tables of epidemic diseases are terminated semiannually, or at the close of the calendar year, and new tables begun. For record of plague in San Francisco for calendar year 1902, see PUBLIC HEALTH REPORTS No. 52, December 26, 1902. A summary of cases since March, 1900, when the first case was officially reported, is as follows: Calendar year 1900, cases, 22; deaths, 22. Calendar year 1901, cases, 29; deaths, 25. Calendar year 1902, cases, 41; deaths, 41.]

## 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 United States census of 1900.	Total deaths from all causes.	Deaths from—									
				Tuberculosis.	Yellow fever.	Smallpox.	Varicoid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Alton, Ill. ....	Feb. 21	14,210	6										
Altoona, Pa. ....	do	38,973	20								1	1	
Ann Arbor, Mich. ....	Feb. 7	14,509		2									
Do .....	Feb. 14	14,509											
Ashtabula, Ohio .....	Feb. 21	12,949	1										
Atlanta, Ga. ....	Jan. 7	89,872	42	4									
Do .....	Jan. 14	89,872	53	5		1					1	1	1
Do .....	Jan. 21	89,872	40	4									
Do .....	Jan. 28	89,872	33	3		3							
Do .....	Feb. 4	89,872	22	3									
Do .....	Feb. 11	89,872	39	3									
Do .....	Feb. 18	89,872	40	5									
Baltimore, Md. ....	Feb. 21	508,957	210	29						3		5	6
Baton Rouge, La. ....	do	11,269	7										
Belleville, Ill. ....	do	17,484	4										
Berkeley, Cal. ....	Feb. 11	13,214	3										
Biddeford, Me. ....	Feb. 21	16,145											
Binghamton, N. Y. ....	do	38,647	12										



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

Cities.	Week ended—	Population, United States census of 1900.	Total deaths from all causes.	Deaths from										
				Tuberculosis.	Yellow fever.	Smallpox.	Variceloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Boston, Mass.	Feb. 21	560,892	197	24							2	6		5
Brockton, Mass.	do	40,063	11	3										1
Burlington, Vt.	Feb. 7	18,641	9											
Do	Feb. 14	18,641	8											
Do	Feb. 21	18,641												
Cambridge, Mass.	do	91,886	27	2										1
Camden, N. J.	do	75,935	29	1								1		
Carbondale, Pa.	do	13,536	4											
Charleston, S. C.	do	55,807	25	7										
Chelsea, Mass.	do	34,072	9											
Chicopee, Mass.	do	19,167	7	1										
Cincinnati, Ohio	Feb. 20	325,902	132	13						1			1	
Cleveland, Ohio.	Feb. 21	381,766	128	13		2				8		1		
Clinton, Mass.	do	13,667	4	1						9		1		1
Colorado Springs, Colo.	Feb. 14	21,085	5	2										
Davenport, Iowa	Feb. 21	35,254	11	1										
Dayton, Ohio	do	85,333	24	4										
Denver, Colo.	Feb. 14	133,859	61	16								1		
Detroit, Mich.	Feb. 21	285,704	90	1						1		1		
Dubuque, Iowa	do	36,287	13								1	1		
Dunkirk, N. Y.	do	11,616	2											
Elmira, N. Y.	do	35,672	11	1										
Elwood, Ind.	Feb. 22	12,950	2							1				
Erie, Pa.	Feb. 21	52,733	14											
Evansville, Ind.	do	59,007	10	2										
Everett, Mass.	do	24,336	9											
Fall River, Mass.	do	104,863	58	4										
Fitchburg, Mass.	Feb. 14	31,531	14									1		
Do	Feb. 21	31,531	10	3							2			2
Flint, Mich.	do	13,103	3											
Galesburg, Ill.	do	18,607	9											
Gloucester, Mass.	do	26,121	4											
Grand Rapids, Mich.	do	87,565	32	1								2		
Green Bay, Wis.	Feb. 22	18,684	8											
Greenville, S. C.	Feb. 14	11,860	2	1						2				
Haverhill, Mass.	Feb. 21	37,175	6											
Holyoke, Mass.	Feb. 14	45,712	8	2										1
Do	Feb. 21	45,712	17	2										
Indianapolis, Ind.	do	169,164	65	5		15						1		2
Jacksonville, Fla.	do	28,423	11	1										
Jersey City, N. J.	Feb. 22	206,433	90	10							2			1
Johnson City, Tenn.	Feb. 21	4,645	2											
Johnstown, Pa.	do	35,936	8											
Kokomo, Ind.	do	10,609	4							1				
Lawrence, Mass.	do	62,559	26	4										
Lexington, Ky.	do	26,369	5											
Los Angeles, Cal.	Feb. 14	102,479	43	7						2				
Lowell, Mass.	Feb. 21	94,969	41	2						1		3		
Lynchburg, Va.	do	18,891	12	3										
McKeesport, Pa.	do	34,227	19	2										
Malden, Mass.	do	33,664	12									1		
Manchester, N. H.	do	56,987	27	5						1				
Marlboro, Mass.	do	13,609	5											
Marquette, Mich.	Feb. 14	10,058	0											
Do	Feb. 21	10,058	6									2		
Medford, Mass.	do	18,244	7											
Melrose, Mass.	do	12,962	4											
Memphis, Tenn.	Feb. 21	102,320	35	2										
Menominee, Mich.	Feb. 14	12,818	5											
Mobile, Ala.	Feb. 21	38,469	24	3										
Nashua, N. H.	do	23,898	5											
Nashville, Tenn.	do	80,865	29	6										
Newark, N. J.	do	246,070	92	13							1	5		2
New Bedford, Mass.	do	62,412	33	1						1	2	2		
Newburyport, Mass.	do	14,478	6											
New Orleans, La.	do	287,104	134	27								1		
Newport, Ky.	Feb. 22	28,301	10							1				
Newport, R. I.	Feb. 21	22,034	10											
Newton, Mass.	do	33,587	12											
New York, N. Y.	do	3,437,202	1,445	195						9	19	45	7	1
Norristown, Pa.	do	22,265	7	1										
North Adams, Mass.	do	24,200	7											
Northampton, Mass.	do	18,643	1											
Omaha, Nebr.	Feb. 21	102,555	23											
Oneonta, N. Y.	do	7,147	7											

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

Cities.	Week ended—	Population, United States census of 1900.	Total deaths from all causes.	Deaths from—								
				Tuberculosis.	Yellow fever.	Smallpox.	Variceloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.
Palmer, Mass.	Feb. 21	7,801	4	1								
Philadelphia, Pa.	do	1,293,697	582	61		6				27	2	11
Pittsburg, Pa.	Feb. 14	321,616	139	3		3				7		5
Plainfield, N. J.	Feb. 21	15,369	4									
Port Huron, Mich.	do	19,158										
Providence, R. I.	do	175,597	68	5							1	1
Quincy, Mass.	do	23,899	11	1								1
Reading, Pa.	Feb. 23	78,961	29							1		
Sacramento, Cal.	Feb. 14	29,282	7	1								
Salt Lake City, Utah.	do	53,531	14									3
San Francisco, Cal.	Feb. 15	342,782	244	18								4
Santa Barbara, Cal.	Feb. 7	6,587	2	1								
Do	Feb. 14	6,587	2									1
Shreveport, La.	Feb. 21	16,013		2								
Somerville, Mass.	do	61,643	17	1						1		
South Bend, Ind.	do	35,999	8	2								1
Steelton, Pa.	do	12,068	7									
Streator, Ill.	do	14,079										
Tacoma, Wash.	Feb. 16	37,714	8	1								
Taunton, Mass.	Feb. 21	31,036	11	1								
Titusville, Pa.	do	8,244	5									2
Waltham, Mass.	do	23,481	11	1					1			
Warren, Ohio.	do	8,529	5	1								
Weymouth, Mass.	do	11,324	1									
Wichita, Kans.	Feb. 14	24,671	4	1								
Do	Feb. 21	24,671	12	1					1		1	
Williamsport, Pa.	do	28,757	8									
Wilmington, Del.	do	76,508	34	2					5			
Winona, Minn.	do	19,714	4								1	
Woburn, Mass.	do	14,254	6	2								
Worcester, Mass.	Feb. 20	118,421	50	7					1		2	1

## FOREIGN AND INSULAR.

### BARBADOS.

#### *Smallpox situation—Smallpox in Jamaica.*

Mr. James Sanderson, clerk of general board of health and quarantine board, reports, February 14, as follows: Between the nights of January 31 and the 13th instant 9 cases of smallpox have been reported, being 1 more than in the previous fortnight. There have been 1 death and 7 discharges, leaving 16 cases under treatment last night, all at Pelican Island. Seven of the cases were from the old infected district in St. Georges, and 2 from St. Michaels. There has not been a case in any of the other parishes, except Christ Church, since January 6. The Christ Church case was on January 27. The total number of cases to last night was 1,423, with 116 deaths.

By the mail on the 1st instant I received information from the quarantine board of Jamaica that smallpox of a very mild type had made its appearance at Duan Vale, in the parish of Trelawney, in that island, a place stated to be far removed from any seaport and about 70 miles from Kingston; that the patients had been removed to the isolation hospital near Duan Vale and were doing well, and a strict watch was being kept on all persons who were known to have come in contact with them. My board have decided not to quarantine arrivals from Jamaica until further information has been received from there as to whether the disease is spreading, but they have requested the Royal Mail Steam Packet Company not at present to bring third-class or deck passengers from Jamaica for this island. Should they, however, bring any such passengers the captain of the steamer bringing them will be required to furnish a complete list of such persons, with their shore addresses here, and those persons will be subjected to daily inspection for a period to complete fourteen days from the day they left Jamaica.

The same procedure will also be enforced in respect to the same class of passengers arriving from the United States and the Dominion of Canada where smallpox is epidemic.

The SURGEON-GENERAL.

### CANADA.

#### *Inspection of immigrants at St. John, New Brunswick.*

Assistant Surgeon Billings reports, February 24, as follows: Week ended Saturday, February 21, 1903: Number inspected, 222; number passed, 218; number detained, 4.

The SURGEON-GENERAL.

## CHINA.

*Report from Hongkong—One plague death—Plague cases reported during past year.*

Passed Assistant Surgeon McMullen reports January 20, as follows: During the week ended January 17, 1903, 6 vessels were inspected, 193 steerage passengers and 370 crew were bathed at the disinfecting station, and 666 pieces of baggage were disinfected. There were 2 rejections because of fever among Chinese steerage. One case and 1 death each of enteric fever and plague, both Chinese, occurred during the time covered by this report, the only case of plague this year. During the past year 572 cases of plague were reported as having occurred in the colony.

The SURGEON-GENERAL.

## CUBA.

*Report from Cienfuegos.*

Acting Assistant Surgeon McMahon reports, February 17, as follows: Week ended February 14, 1903. Seven bills of health were issued to vessels going to ports in the United States. No sickness on board of any, and all in good sanitary condition except one, steamship *Andes*, bound for Galveston.

Number of deaths in the city 13, from the following-named causes:

Enteritis.....	1	Tuberculosis.....	2
Tetanus.....	2	Pernicious fever.....	1
Arterio-sclerosis.....	2	Other causes.....	4
Pneumonia.....	1		

There is no improvement in the sanitary condition of the city.

The SURGEON-GENERAL.

*Report from Habana—Mortality statistics.*

Assistant Surgeon Trotter reports, February 15 and 19, as follows:

*Mortuary report of Habana, week ended February 14, 1903.*

Disease.	Number of deaths.	Disease.	Number of deaths.
Tuberculosis.....	19	Bronchitis.....	1
Pneumonia.....	6	Malignant pustule.....	1
Meningitis.....	9		
Enteric fever.....	1	Total deaths from all causes.....	30
Enteritis.....	4		

*Yellow fever on steamship Esperanza, from Vera Cruz and Progreso.*

The American steamship *Esperanza* arrived at this port from Vera Cruz and Progreso on February 12, 1903, with one first-class passenger ill with symptoms of yellow fever. The removal of the case was made to Las Animas Hospital, and the cabin on board of ship as well as adjoining rooms were disinfected by the Cuban service.

Accompanied by A. A. Surg. D. M. Echemendia, I visited Las Animas and examined the case, which was a well-marked and severe case of yellow fever. The patient, Captain Burke, was master of a tug of the New York and Cuba Mail Steamship Company, stationed at Progreso. He was relieved of command in the early part of February and went ashore and stayed at the hotel, and was there taken sick on February 7, 1903. On the arrival of the *Esperanza* at Progreso on the morning of the 9th instant he went on board, the vessel sailing that afternoon for Habana. No inspection was made of this vessel and passengers at Progreso, so far as I can learn, and the bill of health from Progreso, issued by the United States consul, makes no mention of the sickness of this passenger. No cases and no deaths from yellow fever were reported from Progreso.

NOTE.—A case of yellow fever imported on the steamship *Esperanza*, from Vera Cruz, was reported from Habana November 26, 1902. The case ended fatally on December 3. (See Public Health Reports, No. 52, Dec. 26, p. 2914.)

*Decree relative to prohibition of importations from certain Mexican ports on account of plague.*

[Translation.]

*Decree No. 15.*

In view of the decision of the superior sanitary board of the date of January 22 last, and taking into account the information received in respect to the existence of the disease known by the name of bubonic plague in Mazatlan and Coatzacoalcos, in the Republic of Mexico, constituting a danger to the public health by the frequent entrance into Cuban ports of vessels with passengers, cattle, and merchandise proceeding from ports of that Republic, the normal quarantine precautions contained in the dispositions now in force by the quarantine service not offering sufficient guaranty to prevent the importation of the disease, in accordance with the provision of article 7 of Military Order No. 122, of 1902, and at the suggestion of the secretary of Government, I deem it well to promulgate the following:

ARTICLE 1. The importation of all classes of cattle from the port of Coatzacoalcos, in the Republic of Mexico, is prohibited, this prohibition extending to whatever port of the Gulf of Mexico of the same Republic, when the certificate of their origin shows that these cattle proceeded from localities infected by bubonic plague.

ART. 2. This prohibition will apply to those vessels proceeding from the aforesaid ports ten days after its publication in the form established by the third article of Military Order No. 122, series of 1902, in the offices of the respective Cuban consuls or consular officers, or those of the United States of North America in those ports where no consular representation of the Republic of Cuba has been established.

ART. 3. There shall be applied with all rigor immediately in the ports of Cuba, and in the manner and under the conditions established by the cited article 3, of order No. 122, in all of the ports of the Republic of Mexico, the extraordinary and special precepts of the above-named military order to vessels of all classes which bring passengers, cattle, and merchandise from those ports referred to above

to the ports of Cuba, considering the aforesaid ports of the Republic of Mexico as suspicious of being infected with bubonic plague.

ART. 4. The secretary of Government will dictate the orders and regulations necessary to carry out this decree.

Presidential palace, Habana, Cuba, February 12, 1903.

The President:

T. ESTRADA PALMA.

The Secretary of Government:

EDUARDO YERO.

*Report from Matanzas—Mortality statistics.*

Assistant Surgeon von Ezdorf reports, February 17, as follows: Week ended February 14, 1903. Causes of deaths reported in this city: Broncho-pneumonia, 1; meningitis, 2; bronchitis, 1; arterio-sclerosis, 3; tuberculosis, 3; appendicitis, 1; nephritis, 1; septicæmia, 1; other causes, 3; total, 16. Annual rate mortality for the week, 17.33 per 1,000.

Six bills of health were issued to vessels leaving this port for ports in the United States.

No quarantinable disease was reported in this district.

The SURGEON-GENERAL.

*Report from Santiago—Mortality statistics.*

Acting Assistant Surgeon Wilson reports, February 17, as follows:

*Mortality statistics, Santiago de Cuba, week ended February 14, 1903.*

Cause of death.	Number.
Remittent malarial fever .....	5
Tubercle of larynx .....	1
Tubercle of lungs .....	3
Cerebral softening .....	1
Tetanus .....	1
Broncho-pneumonia .....	1
Athrepsia .....	1
Intestinal hemorrhage .....	1
Appendicitis .....	1
Nephritis .....	1
Persistence of foramen ovale .....	1
Ill-defined or unspecified causes of death .....	3
Total .....	20

Annual rate of mortality for the week, 24.18 per 1,000.

Estimated population, 43,000.

Bills of health issued to 6 vessels.

## Summary of mortality statistics, Santiago de Cuba, for 1902.

[Estimated population 43,000.]

Bertillon classification.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total first six months.	Total second six months.	Total whole year.
I. General diseases:															
4 Intermitent fever and malarial cachexia	7	5	10	11	3	13	11	9	5	8	3	7	49	43	92
27-34 Tuberculous diseases	21	18	11	19	11	12	13	16	6	13	13	15	92	79	171
Other general diseases	7	1	8	5	3	8	9	3	3	5	14	9	32	42	74
Group total	35	24	29	35	17	33	35	25	14	26	30	31	173	164	337
II. Diseases of the nervous system and organs of special sense:															
72 Tetanus (infantile)	2	3	2	1	2	6	2	2	2	2	3	5	16	16	32
Tetanus (traumatic)	1	0	0	0	0	0	0	1	3	0	0	0	1	4	5
Total tetanus	3	3	2	1	2	5	2	3	5	2	3	5	17	20	37
Other diseases of the nervous system, etc.	7	5	9	2	5	3	6	5	5	5	6	7	31	34	65
Group total	10	8	11	3	7	9	8	8	10	7	9	12	48	54	102
III. Diseases of the circulatory system:															
79 Organic diseases of the heart	8	3	3	7	5	6	5	3	6	4	6	5	32	29	61
Other diseases of the circulatory system	2	3	2	1	4	1	0	4	0	0	1	1	13	6	19
Group total	10	6	5	8	9	7	5	7	6	4	7	6	45	35	80
IV. Diseases of the respiratory system:															
93 Pneumonia	3	4	1	7	2	3	1	2	0	2	2	0	20	7	27
Other diseases of the respiratory system	5	5	3	2	2	5	1	1	2	3	6	3	22	16	38
Group total	8	9	4	9	4	8	2	3	2	5	8	3	42	23	65
V. Diseases of the digestive system:															
105 Diarrhea and enteritis (under 2 years)	6	4	9	7	6	11	14	9	5	5	2	2	43	37	80
105a Diarrhea and enteritis (chronic)	0	1	1	1	2	1	2	3	1	0	4	3	6	13	19
106 Diarrhea and enteritis (2 years and over)	0	0	0	1	0	2	3	3	2	3	4	3	3	18	21
Total diarrhea and enteritis	6	5	10	9	8	14	19	15	8	8	10	8	52	68	120
Other diseases of digestive system	2	2	2	2	1	0	1	4	2	2	1	2	9	12	21
Group total	8	7	12	11	9	14	20	19	10	10	11	10	61	80	141





## FRANCE.

*Smallpox at Havre.*

Consul Thackara reports, February 11, as follows: According to official information received from the mayor of the city, there have been 23 cases of smallpox at Havre since January 1, 1903, and 2 deaths. It is stated by certain physicians that there has been a greater number of cases than above reported; that the disease is of a mild character; that the number of cases is decreasing, and that the disease does not exist in an epidemic form. At present, in the Pasteur Hospital, the hospital where contagious diseases are treated, there are 20 cases of smallpox.

After February 15 next the new French law requiring compulsory vaccination goes into effect. By the terms of the measure, vaccination of children under 1 year of age and revaccination at 14 and 21 years of age are obligatory.

## GERMANY.

*Report from Berlin—Plague and cholera in various countries—Death rate of Berlin; comparative—Plague in Central Asia.*

Consul-General Mason reports, February 12 and 13, as follows:

*Plague.*

*Egypt.*—On the 26th of January there occurred in the village of Barschun-el-Kubra 2 more cases of plague and 1 in Tanta-Ghezireh, in the district of Tukh.

*Brazil.*—According to a communication dated February 2, plague has broken out in the city of Rio Grande do Sul.

*Plague and cholera.*

*British India.*—In Calcutta during the period between the 14th of December, 1902, and 3d of January, 1903, 56 persons died of plague, and 93 persons died of cholera.

*Cholera.*

*Turkey.*—According to the fourteenth official bulletin relative to cholera in Palestine and Syria, there occurred in Damascus between the 19th and 25th of January 21 cases of cholera and 13 deaths, and in Nablus between the 17th and 22d of January 4 new cases (12 deaths). Inclusive of these 25 deaths, there have been registered since the outbreak of the disease in October a total number of 3,793 deaths.

*Persia.*—In Jask, according to a report dated January 2, 5 cholera cases are recorded there daily.

*Dutch India.*—According to official reports, there were registered in Batavia between the 12th and 18th of December 5 cholera cases (4 deaths). In Samarang there occurred between the 26th of November and the 9th of December 30 cases (21 deaths). In Palembang there were registered between the 6th and 19th of December 22 cases (19 deaths). In Grisee between the 6th and 19th of December, 1 case (1 death). In Soerabaya between the 7th and 20th of December there occurred 184 cases (118 deaths).

According to newspaper reports, there occurred in Borneo (district of Maloka) between the 11th of September and 20th of November 75 cases (63 deaths). In Segerei (Celebes) there were registered between the 1st and 20th of December 20 cases (20 deaths).

*Death rate of Berlin, comparative.*

The death rate of Berlin for the week ended January 31 was lower than it has been since the beginning of December, amounting (calculated upon the year) to 15.5 per thousand of the population, as compared with 15.9 in the foregoing week, being thereby, however, considerably higher than for the corresponding week of last year, in which it only reached 13.4. Of the various large German towns, only Frankfurt-am-Main, Schöneberg (with 14.3), and Charlottenburg (with 11.9 per thousand) showed more favorable statistics than Berlin, but the mortality figures of Leipsic, Dresden, Hanover, Hamburg, as well as London, were considerably higher than those of Berlin, while the death rate was higher still in Cologne, Munich, Nuremberg, Breslau, Königsberg, Stettin, as well as Paris and Vienna. The participation of children in their first year in the mortality was considerably greater than in the foregoing week, so that the decrease in the number of deaths was confined exclusively to the higher age classes. The mortality rate among infants rose from 4 to 4.5 per year and mille, being thereby one-half that of Chemnitz, Altona, Stettin, and far below that of Munich and Breslau. Acute intestinal diseases were of less frequent occurrence than during the foregoing week and caused fewer deaths (35). On the other hand, there was an increase in the cases of acute disease of the respiratory organs, which claimed 82 victims (as compared with 65 in the foregoing week). Deaths from influenza have steadily increased since the beginning of January, 20 being registered during this week. Consumption claimed 95 victims, and 41 persons died of cancer. The number of cases of measles increased, 13 ending in death. On the other hand, cases of scarlet fever and diphtheria were of less frequent occurrence, the former causing 4, the latter 9 deaths. Finally, 10 persons died by violence.

The death rate of Berlin for the week ended February 7 was somewhat higher than in the second half of the month of January, and amounted (calculated upon the year) to 16.1 per thousand of the population, being almost exactly the same as for the corresponding week of last year, in which it amounted to 16. In spite of the increase, however, only 9 of the large German towns showed more favorable health conditions than Berlin. To these belonged Frankfurt-am-Main, Hanover, Charlottenburg, with 12.6, and Schöneberg, with 12 per thousand. But the rate of mortality in the following cities was considerably higher than that of Berlin, viz: Leipsic, Dresden, Cologne, Hamburg, Munich, Nuremberg, Halle, and Breslau, as well as London, Paris, and Vienna. The participation of the children in their first year in the mortality was considerably lower than in the last January week, the increase in the number of deaths being confined exclusively to the higher age classes. The mortality rate among infants fell from 4.5 to 3.9 per year and thousand, this rate being lower than that of Dresden, Hamburg, Munich, and less by one-half than that of Nuremberg, Stettin, and Chemnitz. Acute intestinal diseases have steadily decreased since the beginning of January, and in this week only caused

26 deaths. Acute diseases of the respiratory organs showed no important difference; they claimed 77 victims. There were registered 21 deaths from influenza. Consumption claimed 80 victims, and 34 persons died of cancer. Cases of scarlet fever and diphtheria were again more numerous this week, the former causing 3, the latter 7 deaths. Cases of measles were also more frequent, 9 ending in death. Finally, 17 persons died by violence.

*The combating of tuberculosis.*

A memorandum upon the subject above named has been prepared in the imperial health office, and has been placed before the Reichstag. The following synopsis of the contents of the same may be of interest: The victims claimed by cholera, plague, and smallpox are of far less consequence to the general health and for the working capacity of the people than those who year by year succumb to tuberculosis after a lingering sickness. In the year of the cholera epidemic (1892) there died of cholera in Germany 8,937 persons, and from tuberculosis 122,152 persons, that being one-tenth of the total number of deaths. It is impossible at the present time to state with any degree of certainty how many persons in the German Empire are afflicted with tuberculosis. The number of persons treated in hospitals for tubercular diseases amounted in 1899 to 226,000. The ages most susceptible to tuberculosis are those between 15 and 60. Tuberculosis occurs most frequently among persons engaged in close rooms, especially workers in certain branches of industry and those occupied in the preparation of soda and aniline, and among metal workers and stonecutters. The prevention and general combating of the disease necessitate general attention to bodily health, suitable clothing, and proper nourishment, healthy dwellings (the erection of healthy dwellings for the working classes, regulations for the prevention of overcrowding in unhealthy rooms among the lower classes), metabolic change for persons engaged in the so-called sedentary professions, and prohibition of night work.

The efforts made in the German Empire to combat tuberculosis, both by direct regulations and by general preventive measures, are being actively carried on. In particular, the Imperial Government, the governments of the different States, the executive authorities, the national insurance institutions, and the municipal governments are seriously and actively participating in this work. The result of these efforts, which have now been carried on for some years, is already noticeable in a decrease in the number of deaths from tuberculosis, which in the future will be still more marked. It is a condition necessary to success, however, that the zeal of the participants should not be relaxed. In particular it must be impressed upon each individual person that he should so order his life in accordance with the principles above laid down, and not indulge in such habits (drunkenness, for example) as will lay the seed for future sickness. It is the duty of every person suffering with consumption to so dispose of his sputum as not to afford chance of infection to others. Success in combating tuberculosis depends in the first place upon the proper disposal of the sputum.

According to the latest statistics, there are at present 57 public sanatoria for consumptives in Germany, of which 34 are located in Prussia, 6 in Bavaria, 2 in Saxony, 1 in Wurtemberg, 1 in Hessen, 1 in Sachsen-Weimar, 1 in Thuringia, 1 in the Reichsland, 3 in Baden, 2

in Brunswick, and 5 in the Hansa cities. Besides these there are 4 institutions near the sea, namely, Nordeney, Wyk, Gross-Müritz, Zoppot. There are also 23 public sanatoria nearly completed, among these being Buch, near Berlin. The city of Berlin has at the present time 3 public sanatoria, namely, Malchow, Blankenfelde, Gütergotz. There are also 20 private German sanatoria, and 1 in Davos (Switzerland). In the 78 sanatoria for consumptives there are 7,000 beds. If we calculate that each bed is used by 4 persons in the course of a year, we find that about 30,000 consumptives annually enjoy the benefit of treatment in the sanatoria.

*Clipping from the Berlin Lokal-Anzeiger, February 12, 1903.*

Plague epidemics in central Asia are causing intense anxiety, and have rendered special measures necessary on the part of the Russian Government. A private telegram reports the following: "St. Petersburg, February 11, 7.23 p. m. Mr. Petrowski, the Russian consul-general in Kashgar, has forwarded a communication to the governor-general of Turkestan containing confirmation of the reports regarding plague in Kandshut and Barumsal. The outbreak dates back as far as August last, the time of the great earthquake in Kashgar. The Chinese officials were advised to burn down the settlement at Barumsal, but the advice was not followed. A petition in this sense forwarded direct to Peking was also unavailing. In order to prevent the further spread of the plague over the Russian frontier four physicians and eight army surgeons have set out for the district above mentioned, and a special credit of 25,000 rubles has been granted for this purpose. Reports received from Badaschan, on the southwest slope of the Pamirs, confirm the rumors of plague at that place.

Schasehpal, a settlement of 50 farms, in the course of a few days lost 300 of its inhabitants. In view of the indifference and of the poverty of the population of Chinese Turkestan it is feared that the epidemic will continue to spread. At the moment its spread is only prevented by the deep snow. Quarantine measures are to be put in force on the Bukharian-Afghan frontier. Without doubt the plague has already crossed the water ledge of the Karakoram and the Hindu Kush.

The SURGEON-GENERAL.

HAWAII. .

*Outgoing quarantine transactions at Honolulu.*

Passed-Assistant Surgeon Cofer reports, February 16, as follows: Week ended February 14, 1903. Number of vessels inspected and passed, 5; number of cabin passengers inspected and passed, 10; number of steerage passengers inspected and passed, 1; number of crew inspected and passed, 50; number of pieces of baggage disinfected, 29; number of sailing vessels disinfected, 9.

*Death from plague at Honolulu.*

[Telegram.]

HONOLULU, HAWAII, February 24, 1903.

WYMAN, Washington:

There was a death from plague on February 12.

COFER.

## ITALY.

*Hygiene in relation to shipping.*

Passed Assistant Surgeon Eager forwards, under date of February 6, the following: In opening an official course of lectures on naval and colonial hygiene at the University of Naples February 4, 1903, Prof. Alessandro Pasquale, speaking of the scope and importance of the subject, said that in a country from which there is such an extensive emigration as from Italy it is necessary for the universities to provide instruction on hygiene in relation to the shipping in order that there may be assurance that emigrants and the ships on which they leave may be in a sanitary condition satisfactory to the authorities of the countries to which the emigrants go. Not only is it the duty of the country from which emigrants leave to provide for suitable sanitation on the passage, but means should be taken to keep persons physically unfit from emigrating and to prepare such as do emigrate against the perils of a climate to which they are unused.

The course at the university will include instructions in naval construction from a sanitary standpoint, examination of water, air, and food aboard ship, the consideration of air space, disease on board ship, disinfection, quarantine, the examination of personnel, and, in short, all subjects in which medicine has a practical bearing on shipping.

The SURGEON-GENERAL.

## JAPAN.

*Report from Yokohama—Plague death in Tokyo—Smallpox imported from Korea.*

Assistant Surgeon Moore reports January 29 as follows: During the week ended January 24, 1903, there were inspected 4 vessels with an aggregate personnel of 436 crew and 504 passengers; 50 crew and 398 steerage passengers were bathed and 610 pieces of baggage disinfected.

The official report of contagious diseases in Yokohama for the same period shows 3 cases of enteric fever, with one death; scarlet fever, 1 case, no deaths; diphtheria, 7 cases, 4 deaths; dysentery, 1 case, no deaths.

The plague situation in Tokyo seems highly favorable, if the reports received are accurate. The last reported case of plague in that city resulted fatally on the 14th instant, the victim being a medical officer of the Honjo Epidemic Hospital.

It is reported that cholera is still present in Saga Ken.

The vernacular press reports a number of cases of smallpox (at present uncommon in Japan) in Yamaguchi and Kagawa Kens. The disease is said to have been imported from Korea in Japanese fishing boats. This circumstance possesses some interest from a quarantine standpoint in view of the fact that a movement seems to be on foot for the introduction of Korean laborers into Hawaii. In examining the first detachment of these Koreans, about one hundred in number, who passed through here some weeks ago, I was struck by the large percentage of pock-marked faces.

The SURGEON-GENERAL.

## MEXICO.

*Sanitary condition of Ensenada.*

Acting Assistant Surgeon Alexander reports, February 25, as follows: The sanitary conditions of this port continue excellent. No severe acute diseases prevalent. Two deaths for February—organic heart disease and tuberculosis.

The SURGEON-GENERAL.

*Plague report from Mazatlan.*

[Telegram.]

Consul Kaiser reports as follows:

MAZATLAN, *February 27, 1903.*

ADEE, *State Department:*

18th to 25th, died, 6. New cases, 22.

KAISER. *Consul.*

*Quarantine against San Francisco.*

The consul-general at City of Mexico reports, February 21, as follows: Quarantine against San Francisco established by minister of Government on 2d instant. He has evidence satisfactory to him plague existed in San Francisco in January last. He declines to raise quarantine.

## PORTO RICO.

Assistant Surgeon King reports as follows:

*Vital statistics of San Juan, January, 1903.*

Anæmia .....	5	Endocarditis .....	4
Asystolia .....	1	Gastric fever .....	1
Albuminuria .....	1	Pernicious fever .....	1
Stillborn .....	1	Cardiac lesion .....	1
Epilepsy .....	1	Septicæmia .....	1
Encephalitis .....	2	Cerebral congestion .....	1
Enteritis .....	3	Asphyxia .....	1
Enterocolitis .....	5	Old age .....	1
Hepatitis .....	1	Peritonitis .....	1
Aortic insufficiency .....	1	Arterio-sclerosis .....	1
Pneumonia .....	3		5
Rachitis .....	5		
Tetanus .....	3	Total .....	68
Tuberculosis .....	11	January, 1902:	
Pyæmia .....	1	Births .....	85
Auto-intoxication .....	1	Deaths .....	77
Tubercle of pharynx .....	1	January, 1903:	
Meningitis .....	2	Births .....	93
Nephritis .....	2	Deaths .....	68

*Vital statistics of Ponce, January, 1903.*

Diseases of—		Grippe .....	2
Digestive system .....	44	Tetanus traumatic .....	1
Respiratory system .....	10	Hepatitis .....	3
Circulatory system .....	7	Syphilis .....	2
Nervous system .....	5	Peritonitis .....	1
Anæmia, malnutrition, inanition ...	5	Metro-peritonitis .....	1
Nephritis .....	3		
Tuberculosis .....	4	Total .....	103
Malaria .....	5	January, 1902:	
Cancer .....	2	Births .....	171
Rhachitis .....	3	Deaths .....	84
Uræmia .....	2	January, 1903:	
Old age .....	2	Births .....	125
Metritis .....	1	Deaths .....	103

## SPAIN.

*Suspect plague and yellow fever on Italian bark Iris at Palma, Majorca.*

DEPARTMENT OF STATE,  
February 27, 1903.

SIR: Referring to your letter of the 20th instant, in regard to the reported outbreak of plague among the crew of the Italian bark *Iris* at Palma, Majorca, I now have the honor to inform you that the Department is in receipt of a telegram dated the 22d instant from the consul-general of the United States at Barcelona, Spain, in which he states: "No plague aboard *Iris*. Malarial fever. Vessel proceed Marseilles without communicating Majorca." A subsequent telegram from the consul-general dated February 23, 1903, reads: "Later advices state yellow fever. Communication between vessel and Majorca disallowed. *Iris* probably now Marseilles."

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

JOHN HAY,  
Secretary of State.

The SECRETARY OF THE TREASURY.

## TURKEY.

*Cholera epidemic in Palestine reported extinct.*

Consul Merrill reports from Jerusalem, January 10, as follows: In my No. 60, October 18, 1902, I referred to the appearance in this consular district of Asiatic cholera. Gaza, Lydda, and Jaffa suffered most from this disease, but it appeared also in many other towns with a few, sometimes a considerable number, of fatal cases in each. I am glad to report that there has been no case in Jerusalem or in this immediate vicinity. The epidemic seems now to have died out. We had quarantine on four sides of us, and I am happy to state that on the 9th of this month the last was removed. Negligence at the border station between Egypt and Palestine was the occasion of the introduction of cholera into this country. \* \* \*

Only one European died during the past three months of this disease, and that one did not belong in this district.

I speak in this report of this district only; but I hear that in Damascus there are still cases. With cholera in Egypt and cholera in

Syria, and plague in Egypt, and quarantine everywhere, the outlook for travelers is not good. Commerce certainly has suffered, but in my residence in this country we have had quarantine about three years out of four, so that commerce is almost always suffering.

The ASSISTANT SECRETARY OF STATE.

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

AFRICA—*Sierra Leone*.—Two weeks ended January 23, 1903. Estimated population, 40,000. Total number of deaths, 37. No contagious diseases.

AUSTRALIA—*Victoria—Melbourne*.—Month of November, 1902. Estimated population, 501,580. Total number of deaths, 614, including diphtheria, 3; enteric fever, 1; measles, 8; scarlet fever, 3; whooping cough, 3, and 81 from tuberculosis.

BAHAMAS—*Governors Harbor*.—Week ended February 14, 1903. Estimated population, 1,500. No deaths and no contagious diseases.

*Green Turtle Cay—Abaco*.—Two weeks ended February 11, 1903. Estimated population, 3,314. No deaths and no contagious diseases.

*Nassau*.—Two weeks ended February 16, 1903. Estimated population, 12,439. Number of deaths not reported. No contagious diseases reported.

CANADA—*Province of Ontario*.—Reports to the provincial board of health for the month of December, 1902, from 753 municipalities having an aggregate population of 2,051,966 show a total of 2,150 deaths, including diphtheria, 62; enteric fever, 56; measles, 2; scarlet fever, 41; whooping cough, 14, and 148 from phthisis pulmonalis.

CUBA—*Habana*.—Month of December, 1902. Estimated population, 236,000. Total number of deaths, 457, including diphtheria, 1; enteric fever, 1; scarlet fever, 2, and 80 from tuberculosis.

FRANCE—*Roubaix*.—Month of January, 1903. Estimated population, 124,660. Total number of deaths, 199, including enteric fever 3; scarlet fever, 1; whooping cough, 2, and 8 from smallpox.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 76 great towns in England and Wales during the week ended February 7 1903, correspond to an annual rate of 17.9 per 1,000 of the aggregate population, which is estimated at 15,075,023.

*London*.—One thousand five hundred and fifty-eight deaths were registered during the week, including measles, 28; scarlet fever, 8; diphtheria, 15; whooping cough, 75; enteric fever, 11, and diarrhea, 28. The deaths from all causes correspond to an annual rate of 17.6 per 1,000. In Greater London 2,117 deaths were registered. In the "outer ring" the deaths included 5 from diphtheria, 2 from measles, 1 from scarlet fever, 13 from whooping cough, and 6 from diarrhea.



*Ireland.*—The average annual death rate represented by the deaths registered during the week ended February 7, 1903, in the 21 principal town districts of Ireland was 24.3 per 1,000 of the population, which is estimated at 1,093,289. The lowest rate was recorded in Tralee, viz, 5.3, and the highest in Clonmel, viz, 46.2 per 1,000. In Dublin and suburbs 202 deaths were registered, including diphtheria, 3; scarlet fever, 3; whooping cough, 3, and 32 from tuberculosis.

*Scotland.*—The deaths registered in 8 principal towns during the week ended February 7, 1903, correspond to an annual rate of 21.7 per 1,000 of the population, which is estimated at 1,702,912. The lowest mortality was recorded in Perth, viz, 13.9, and the highest in Greenock, viz, 27 per 1,000. The aggregate number of deaths registered from all causes was 711, including diphtheria, 7; measles, 16; scarlet fever, 4, and 28 from whooping cough.

*JAMAICA—Port Antonio.*—Weeks ended January 24, 1903, and February 14, 1903. Estimated population not reported. Number of deaths not reported. No contagious diseases.

*JAVA—Batavia.*—Three weeks ended January 17, 1903. Estimated population, 150,000. Number of deaths not reported. No contagious diseases reported.

*MALTA.*—Two weeks ended January 24, 1903. Estimated population, 189,749. Total number of deaths, 157, including diphtheria 4, enteric fever 2, and 2 from measles.

*SPAIN—Barcelona.*—Two weeks ended January 31, 1903. Estimated population, 600,000. Total number of deaths not reported. Ten deaths from enteric fever and 6 from smallpox reported.

*Malaga.*—Month of December, 1902. Estimated population, 131,063. Total number of deaths, 306, including enteric fever 4, and 10 from smallpox.

*Valencia.*—Two weeks ended January 31, 1903. Estimated population, 204,000. Total number of deaths, 315, including 4 from enteric fever.

*Vigo.*—Month of January, 1903. Estimated population, 22,000. Total number of deaths, 47. No contagious diseases reported.

*Cholera, yellow fever, plague, and smallpox, December 27, 1902, to March 6, 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-Dec. 13	155	103	
Egypt:				
Alexandria .....	Nov. 25-Jan. 20	.....	96	
Damietta .....	.....do	.....	10	
Behera Province .....	.....do	.....	5	
Gharbieh Province .....	Dec. 2-Jan. 5	.....	2	
Guirguéh Province .....	Dec. 25-Jan. 5	.....	29	
Keneh Province .....	Nov. 25-Jan. 5	.....	7	

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

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Great Britain:				
Malta quarantine island ..	To Jan. 17 .....	7	1	On ss. Royal from Alexandria.
India:				
Bombay .....	Nov. 19-Dec. 27 .....		6	
Calcutta .....	Nov. 16-Jan. 24 .....		354	
Japan:				
Hio-go .....	Nov. 9-Nov. 23 .....	3	2	
Karatsu .....	Jan. 13-Jan. 16 .....		6	
Philippine Islands:				
Manila .....	Nov. 2-Dec. 27 .....	361	265	
Provinces .....	.....do .....	3,058	2,042	
Straits Settlements:				
Singapore .....	Nov. 1-Dec. 27 .....		90	
Turkey, Damascus .....	Jan. 12 .....			Present.

## YELLOW FEVER.

Brazil:				
Rio de Janeiro .....	Dec. 28-Jan. 10 .....		56	
Colombia:				
Cartagena .....	Jan. 20-Jan. 27 .....		1	
Panama .....	Dec. 16-Feb. 18 .....	36	11	
Ecuador:				
Guayaquil .....	Dec. 1-Feb. 7 .....		146	
Mexico:				
Coatzacoalcos .....	Dec. 7-Dec. 13 .....	1		
Mexico .....	Dec. 8-Dec. 14 .....		3	
Tampico .....	Dec. 7-Jan. 31 .....		41	
Tuxpan .....	Dec. 24-Dec. 30 .....		1	
Vera Cruz .....	Dec. 14-Feb. 14 .....	59	22	

## PLAGUE.

Australia:				
Queensland, Brisbane .....	July 31-Aug. 31 .....	1	1	
Brazil:				
Rio de Janeiro .....	Dec. 28-Jan. 10 .....		6	
China:				
Hongkong .....	Dec. 26-Jan. 17 .....	4	3	
Hawaiian Islands:				
Honolulu .....	Dec. 31-Feb. 12 .....		4	
India:				
Bombay Presidency and Sind—				
Northern Division .....	Nov. 8-Jan. 17 .....	8,965	6,935	Eleven cases imported.
Central Division .....	.....do .....	33,757	26,075	
Southern Division .....	.....do .....	28,702	21,236	
Sind .....	.....do .....	294	239	Five cases imported.
Political charges .....	.....do .....	23,742	17,444	Three cases imported.
Madras Presidency .....	.....do .....	5,521	2,834	Three hundred and forty-two cases imported.
Bengal—				
Calcutta .....	Jan. 3-Jan. 17 .....	70	66	
Burdwan .....	Dec. 27-Jan. 17 .....		3	
Bhagalpur .....	.....do .....	1,254	1,096	Including 7 imported seizures.
Patna .....	.....do .....	9,950	8,585	Including 15 imported seizures.
Chota Nagpur .....	Dec. 6-Jan. 17 .....	1	1	Imported.
Upper Province of Agra and Oudh—				
Allahabad .....	Nov. 8-Jan. 17 .....	9,210	8,443	
Benares .....	.....do .....	2,324	2,126	
Fyzabad .....	.....do .....	149	126	2 cases imported.
Gorakpur .....	.....do .....	1,803	1,615	
Meerut .....	.....do .....	750	583	
Lucknow .....	.....do .....	748	644	
Agra .....	.....do .....	286	241	
Punjab—				
Jullunder .....	.....do .....	8,680	4,488	
Lahore .....	.....do .....	11,685	6,734	
Rawalpindi .....	.....do .....	1,574	1,017	
Delhi .....	.....do .....	4,061	2,961	
Central Provinces—				
Narbada .....	.....do .....	190	138	16 cases imported.
Nagpur .....	Dec. 13-Jan. 17 .....		111	6 cases imported.
Jubbulpore .....	Dec. 27-Jan. 17 .....	904	803	

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

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
India—Continued.				
Mysore State .....	Nov. 8-Jan. 17	11,336	8,188	
Hyderabad State .....	.....do .....	6,218	5,221	
Berar .....	.....do .....	3,219	2,465	
Rajputana .....	Nov. 15-Jan. 17	13	9	
Central India .....	Nov. 8-Jan. 17	307	242	1 case imported.
Kashmir .....	Nov. 15-Jan. 17	100	76	8 cases imported.
Japan:				
Tokyo .....	To Jan. 14 .....	1	1	
Mauritius .....	Dec. 5-Jan. 10	112	82	
Mexico:				
Ensenada .....	Dec. 25-Jan. 9	15	14	
Mazatlan .....	To Feb. 25 .....	306	246	Reported.

## SMALLPOX.

Argentina:				
Buenos Ayres .....	Nov. 23-Jan. 24	.....	17	
Austria-Hungary:				
Prague .....	Oct. 1-Jan. 31	98	1	
Barbados .....	July 1-Feb. 13	1,423	116	
Belgium:				
Antwerp .....	Nov. 23-Feb. 7	45	14	
Brussels .....	Dec. 1-Feb. 7	.....	16	
Ghent .....	Nov. 23-Jan. 3	.....	9	
Brazil:				
Bahia .....	Nov. 16-Dec. 27	20	1	
Pernambuco .....	Nov. 1-Jan. 24	.....	16	
Rio de Janeiro .....	Dec. 26-Jan. 10	.....	9	
Canada:				
Manitoba, Winnipeg .....	Dec. 14-Feb. 7	6	.....	
New Brunswick, St. John ..	Jan. 8 .....	1	.....	Imported from Aroostook
Nova Scotia, Halifax .....	Dec. 24 .....	1	.....	County, Me.
Ontario, Amherstburg, and	Jan. 11-Jan. 31	5	.....	On ss. Assyria.
Hamilton .....				
Quebec .....	Dec. 21-Dec. 27	2	.....	
China:				
Hongkong .....	Dec. 26-Jan. 3	1	.....	
Shanghai .....	Nov. 30-Jan. 6	3	.....	
Ecuador:				
Guayaquil .....	Nov. 23-Feb. 7	.....	7	
France:				
Havre .....	To Feb. 11 .....	23	2	
Marseille .....	Nov. 1-Jan. 31	.....	109	
Paris .....	Dec. 14-Feb. 14	.....	2	
Rheims .....	Jan. 19-Jan. 25	1	.....	
Roubaix .....	Dec. 1-Jan. 31	.....	34	
Germany:				
Altona .....	To Jan. 22 .....	11	1	
Hamburg .....	Jan. 25-Feb. 7	4	.....	
Leipzig .....	Jan. 18-Jan. 24	.....	1	
Gibraltar .....	Nov. 24-Jan. 25	4	.....	One case imported.
Great Britain:				
Birmingham .....	Dec. 1-Feb. 14	42	.....	
Bradford .....	.....do .....	35	.....	
Cardiff .....	Dec. 20-Dec. 27	1	.....	
Dublin .....	Dec. 20-Feb. 14	9	1	
Dundee .....	Dec. 1-Jan. 3	6	.....	
Edinburgh .....	Dec. 1-Jan. 31	3	.....	
Glasgow .....	Jan. 9-Feb. 20	2	.....	From a vessel.
Leeds .....	Dec. 1-Feb. 14	99	4	
Liverpool .....	To Feb. 14 .....	333	24	
London .....	Dec. 1-Feb. 7	21	1	
Manchester .....	.....do .....	103	2	
Nottingham .....	Jan. 4-Feb. 7	32	1	
Sheffield .....	Dec. 1-Feb. 7	25	1	
Hawaiian Islands:				
Honolulu .....	Dec. 21 .....	1	.....	On ss. Solace.
India:				
Bombay .....	Nov. 19-Jan. 27	.....	95	
Calcutta .....	Nov. 16-Jan. 24	.....	7	
Karachi .....	Nov. 24-Nov. 30	1	.....	
Madras .....	Nov. 15-Dec. 26	.....	4	

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

Place.	Date.	Cases.	Deaths.	Remarks.
Italy:				
Milan .....	Nov. 1–Nov. 30	1	1	
Palermo .....	Nov. 23–Feb. 7	97	5	
Malta .....	Nov. 24–Jan. 10	3		
Mexico:				
City of Mexico .....	Dec. 1–Feb. 1	28	18	
Russia:				
Moscow .....	Nov. 16–Jan. 31	27	15	
Odessa .....	Nov. 23–Feb. 7	21	9	
St. Petersburg .....	Nov. 23–Feb. 7	333	71	
Warsaw .....	Jan. 3–Jan. 31		9	
Spain:				
Canary Islands, Las Palmas	Dec. 7–Feb. 7	158	8	
Corunna .....	Jan. 31–Feb. 7		1	
Straits Settlements:				
Singapore .....	Nov. 1–Jan. 3		24	
Turkey:				
Constantinople .....	Nov. 24–Jan. 25		8	
Smyrna .....	Jan. 26–Feb. 1		1	
Uruguay:				
Montevideo .....	Nov. 2–Jan. 7	25	6	

Weekly mortality table, foreign and insular cities.

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.
Acapulco	Feb. 7	6,000	7											
Aix-la-Chapelle	Jan. 24	138,199	53	13								3		
Alexandretta	Jan. 31	9,000	10											
Amherstburg	Feb. 21	2,250	1											
Amsterdam	Feb. 7	538,839	152	22								4	3	1
Antwerp	Jan. 31	285,621	95					1	5					1
Bahia	Jan. 24	230,000	62											
Barmen	Jan. 31	146,940	47	11									2	
Beirut	do	80,000	17											1
Belfast	Jan. 24	358,693	174						1				9	4
Do	Jan. 31	358,693	180						5	3	1	13		6
Belize	Feb. 19	9,000	1											
Belleville	Feb. 16	9,300	2											
Bergen	Feb. 7	73,000	21	4										
Berlin	Jan. 24	1,928,064	610	92						1		6	14	
Bremen	Jan. 10	182,000	61	1										
Do	Jan. 17	182,000	62	12							4		1	
Do	Jan. 24	182,000	62	9							2			
Do	Jan. 31	182,000	82	17							2			
Bristol	Feb. 7	338,895	116						1					2
Brussels	Jan. 31	562,895	196					4	2			2	2	1
Budapest	do	729,383									4	11	1	
Calcutta	Jan. 24	847,796	581		76	48		2						
Cartagena	Feb. 8	8,000	16	2										
Catania	Feb. 5	158,523	81							5		1		
Coatzacoalcas	Jan. 31	3,000	3											
Do	Feb. 7	3,000	4							1				
Do	Feb. 14	3,000	4				1							
Coburg	Jan. 24	22,145	10	3										
Cologne	Jan. 31	392,882	152	32							1	4	8	4
Colombo	Jan. 10	555,869	121							1				
Constantinople	Feb. 1	800,000	315						6			1	1	
Copenhagen	Jan. 31	500,000	133	12							1		4	1
Corunna	Feb. 7	50,000	29	4				1				2		
Crefeld	Jan. 31	110,065	35									1		
Dusseldorf	do	237,300	84									1	1	1
Edinburgh	Feb. 7	327,441	116										2	1
Flushing	do	19,227	4											
Frankfort on the Main	Jan. 24	304,000	92							1			2	1
Do	Jan. 31	304,000	85											
Funchal	Feb. 8	44,049	29	4										
Geneva	Jan. 24	109,199	47										2	
Glasgow	Feb. 13	775,601	357					1	5	3	7	2	2	22
Halifax	Feb. 14	40,787	27									2		
Do	Feb. 21	40,787	14							1				
Hamburg	Feb. 7	737,328	275								13	3	10	3
Hamilton, Bermuda	Feb. 17	17,535	2											
Habana	Feb. 7	236,000	102	25							1			
Do	Feb. 14	236,000	90	19						1				
Havre	Jan. 31	130,196	54	13									1	
Karachi	Jan. 29	130,196	178		24							1	1	
Kingston, Canada	Feb. 20	19,374	9											
Lausanne	Jan. 24	49,624	15											
Leeds	Feb. 7	443,559	264	17				1	2	3	3	1		3
Leipzig	Jan. 31	485,139	154	12					1	3	4	2		
Leith	do	79,552	31	1								1	2	
Do	Feb. 7	79,552	38	5									3	2
Livingston, Guatemala	Feb. 9	3,000	1											
Do	Feb. 17	3,000	0											
London	Feb. 7	6,806,259	2,117						15	11	28	31		109
Lyons	Jan. 31	500,000	220	40							2			
Madras	Jan. 9	509,346	352										3	
Magdeburg	Dec. 20	226,225	95	1								1		3
Mainz	Feb. 7	87,000	30	4										
Mannheim	Jan. 31	145,545	47							1		1	1	
Mazatlan	do	10,000	42	31										
Do	Feb. 7	10,000	36	22										
Melbourne	Jan. 10	501,580							2	1				
Do	Jan. 17	501,580										1		
Monte Christi	Feb. 14	300,000	2											
Montevideo	Jan. 7	266,000	73	12				2	1					
Munich	Jan. 24	512,000	222	36									2	3
Do	Jan. 31	512,000	212	51						1	1	3		

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.
Naples	Feb. 9	566,825	375									1	1	
Nottingham	Feb. 7	239,753	92									1		1
Nuremberg	Jan. 24	268,190	117	26							3	1		3
Odessa	Jan. 18	475,000	224	20							11	2		1
Paris	Feb. 7	2,660,559	962							6	3	14	12	3
Plymouth	do	106,000	41	6						1				
Prague	Jan. 31	230,467	157	34						6	1	1	1	3
Puerto Cortez	Feb. 19	2,000	0											
Quebec	Feb. 14	68,000										1		
Do	Feb. 21	68,000												
Rheims	Feb. 8	108,385	36	10								1	2	
Rotterdam	Feb. 7	348,476	109									1		
St. Georges, Bermuda	do	2,184										1		
St. John, New Brunswick	Feb. 21	40,711	13	2								1		
St. Petersburg	Jan. 31	1,310,540	798	142			20	2	17	18	18	18		3
St. Stephen, New Brunswick	Feb. 21	2,840												
Santa Cruz de Teneriffe	Jan. 31	36,500	13	2										
Sheffield	do	412,000	162	16					1	2	2	1		1
Do	Feb. 7	412,000	149	16							2	1		3
Solingen	Jan. 24	15,142	14					1				2		
Do	Jan. 31	15,142	14									1		
Southampton	Feb. 7	110,120	33	4					1					1
Stockholm	Jan. 24	301,695	73	15										
Stuttgart	Jan. 29	189,820	74	2							1	2	1	1
Do	Feb. 5	189,820	70											
Sunderland	Feb. 7	149,526	55									1	1	
Tampico	Feb. 14	20,000	14											
Trieste	Jan. 31	183,735	120						3		2			
Tuxpan	Feb. 10	13,000	6											
Utiila	Feb. 7	932	0											
Do	Feb. 14	932	0											
Venice	Jan. 31	166,522	88	5									5	
Vera Cruz	Feb. 14	32,000	46	12										
Victoria, British Columbia	Jan. 10	21,000	5	1										
Do	Jan. 17	21,000	6	1								1		
Do	Jan. 24	21,000	7											
Vienna	Jan. 31	1,744,177	707	115					4	3	13	9		4
Warsaw	Jan. 10	736,625	235	30				5		9				1
Do	Jan. 17	736,625	217	21				2	2	1	6			
Do	Jan. 31	736,625	304	49				2	2		4			3
Winnipeg	Feb. 14	63,560							1	1		4	1	
Yokohama	Jan. 17	189,455												
Zurich	Jan. 24	160,000	61									1		2
Do	Jan. 31	160,000	66											1

By authority of the Secretary of the Treasury:

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