

# PUBLIC HEALTH REPORTS.

## UNITED STATES.

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

### *Disinfection against scarlet fever.*

[By H. D. GEDDINGS, Passed Assistant Surgeon, U. S. M. H. S.]

In the consideration of this subject, as in all other subjects connected with disinfection, the two general factors must be considered of the nature of the infection and the best means for destroying it.

As is well known, infection or communicability may be of two general varieties—the immediate, in which the disease is communicated by actual contact, and the mediate, in which the infection is communicated to articles or things and thence transmitted to others.

The infection of scarlet fever is of both natures. Immediate infection certainly can occur by the contact of a susceptible person with one suffering with the disease, but still more probable is it that the infection is highly mediate in its character and is communicated to the surroundings of the patient, furniture of rooms, bedding, clothing, etc., largely through the fine, scaly particles, which are given off by the patient and diffused with the dust of the room. This desquamation constitutes the essentially dangerous feature of scarlet fever from the point of view of the health officer, for even after his desquamatory process has been apparently completed it may be renewed and the patient again become capable of conveying infection. The poison clings with great persistency to clothing of all kinds and the furniture of a room, especially that which is upholstered. It is exceedingly tenacious in its character, and clothing which has been put away for months, or even for years, may, unless thoroughly disinfected, again convey contagion.

Observations which have been made from time to time show that the disease has been often transmitted through the medium of the milk supply, and recent experience in Detroit, Mich., has shown that even when the milk supply was not at fault, the disease has been communicated through the medium of milk tickets which were repeatedly used.

The specific germ of the disease is not known. Therefore, disinfection of rooms or apartments where the disease has prevailed must be conducted on general principles. These disinfecting processes differ in no wise from those employed for the other acute infectious or communicable diseases. The poison, while very enduring, is probably of a not very resistant nature, which is fortunate in view of the high contagiousness of the disease and its serious nature when prevalent in epidemic form.

It is desired to dwell with particular emphasis upon the danger which accompanies the desquamatory stage of the disease, which makes it different from the other acute infectious diseases. The effort must be not only to destroy the contagion conveyed in these particles, but to

prevent the scattering of the said particles into the apartment where they become mingled with the dust always present in the atmosphere. Therefore, each case of scarlet fever must be a study in itself. No hard and fast rule can be laid down as to the period of time after the appearance of the disease when disinfection should be practiced. So long as the desquamation of the patient continues so long is he or she liable to reinfect a room or apartment which has already been disinfected, no matter how thorough that disinfection has been. Observation alone can determine this point, and until the desquamation has ceased or means have been taken to minimize its danger, it is useless to undertake the disinfection of the sick room.

Much may be accomplished in the matter of prevention of spread of the disease by the thorough bathing of the patient with antiseptic baths, followed by inunction with any of the animal or vegetable oils, or with a vaseline which has been rendered mildly antiseptic, with carbolic acid, boracic acid, etc.

#### *Methods of disinfection.*

As before remarked, all methods are applicable, and if faithfully and intelligently applied all are probably efficacious. Obviously there must be a difference in the methods, depending upon the nature of the articles or materials to be disinfected. For the mattress of the sick room a surface disinfection may be accomplished, either by formaldehyd gas, by sulphur dioxide, or, if the infection is supposed to be deep seated, which it possibly may be, steam or immersion in hot water may be required.

Steam should only be applied in apparatus specially designed to obtain efficient action, and if immersion in hot water is the method determined upon, care must be exercised that the article to be disinfected is totally submerged, that the water is at the actual boiling point, and that the boiling continue for twenty minutes or half an hour.

Particular attention should be taken to effectually sterilize the dust of the living room, and the walls, ceiling, and floor of the apartment. Carpets, if any, should be removed and treated either by steam, by immersion in hot water, or by thorough exposure to one of the gaseous disinfectants to be considered hereafter. The walls, ceiling, and floor had better be thoroughly wiped down with a solution of bichloride of mercury, 1-1000 in strength, or carbolic acid of a strength of 5 per cent. This cleaning must be thorough, as any dereliction will almost certainly meet its punishment in a renewal of the infection.

Disinfection with sulphur dioxide would be perfectly efficient against scarlet fever, but is open to the objection that, when applied in the proper germicidal strength for a sufficient length of time, it will injure or ruin any clothing, hangings, upholstery, and furniture which may be subjected to its action. Undoubtedly it will sometimes become necessary to use this agent, in which case, with the limitation as to usefulness mentioned above, 3½ to 4 pounds of powdered sulphur should be burned in the tightly closed room to every 1,000 feet of space, all cracks, windows, and doors being tightly sealed, and the room should be kept closed from twelve to twenty-four hours. Due care should be taken that the vessels in which the sulphur is burned should be immersed in other vessels containing water, which, by its vaporization, renders the sulphur dioxide germicidally active, and without which moisture the process is useless.

Probably formaldehyd is the best germicide for the disinfection of the

sick room or for the bedding and fabrics therein contained, with the possible exception of mattresses. Four methods of using the formaldehyd gas may be mentioned, namely :

First. The sheet method.

Second. The Kuhn lamp.

Third. By evolving formaldehyd from its watery solution by apparatus without pressure ; and

Fourth. By the autoclave.

First. The sheet method may be briefly described as spraying suspended sheets with 5 ounces of the 40 per cent solution of formaldehyd gas (formalin) for each 1,000 cubic feet of space ; the time of exposure to be not less than five hours. The quantity should be divided between several sheets, and the liquid should be sprayed upon these sheets so as to form small drops rather than to effect a general wetting of the surface.

Second. The Kuhn lamp depends for effectiveness upon the production of formaldehyd by oxidation of wood alcohol by passing it over a platinized surface in a state of incandescence. The method requires the use of about 20 ounces of wood alcohol to about each 1,000 cubic feet of space, and the time of exposure should be not less than six hours, counting from the time when the alcohol is all volatilized. One objection that has been made is that it may require a large number of lamps or generators. This may be avoided by placing the generator immediately within the door of the apartment undergoing disinfection upon a board or other suitable contrivance. The apparatus may be withdrawn after the completion of the volatilization of the alcohol (about an hour and a half) by quickly opening the door and withdrawing it by means of a cord or rope previously attached to it. This can be quickly done without loss of gas, and the apparatus is then available for use in another apartment.

Third. The third method involves the employment of various forms of formaldehyd regenerating apparatus, of which the Trenner-Lee, the Lentz, and others too numerous to mention, may be accepted as types.

The process depends upon the principle of evolving without pressure formaldehyd gas from its watery solution, to which 1 per cent of glycerin has been added. The process is one, so to speak, of disinfection by distillation. The apparatus is in sight and the gas is injected into the room or apartment through the key hole by means of a flexible tube. Twenty ounces of the formaldehyd solution, with the addition of 1 per cent of glycerin should be used for each 1,000 cubic feet of space, and the apartment kept closed for six hours.

Fourth. Disinfection by the autoclaves manufactured by the Kuy-Schurer Company and the Kensington Engine Works, differs from the above process in that the formaldehyd gas is generated by heating formalin mixed with a neutral salt in a retort under a pressure of at least 45 pounds to the square inch. At least 10 ounces of fluid should be used for each 1,000 cubic feet of space, and the time of exposure may be varied from two to twenty-four hours ; six hours in general practice would be amply sufficient, but care must be taken that to the formaldehyd solution is added 20 per cent of a neutral salt, such as borax or calcium chloride, and that the pressure in the apparatus is from 45 to 60 pounds per square inch. The gas is injected into the room through the keyhole by means of the nozzle and flexible rubber tube.

Any of the methods above given will prove thoroughly efficient in practice. Thoroughness of work is in this, as in all other disinfecting

processes, an essential requirement, nothing must be neglected—nothing left to chance.

The infection of scarlet fever is very insidious, very long lived, and only fairly resistant. It must be thoroughly reached in order to be destroyed, but it is believed that the application of any one of the methods given above, or any combination of the methods, will result in thorough destruction of the infection if care is exercised in discriminating as to the time when the disinfecting process is employed. This should not be before the desquamation of the patient is complete, and even after the desquamatory process is apparently completed, care should be exercised as to frequent bathing of the patient, and the application of the oily or greasy substances made mention of above.

In this, as in all other processes connected with disinfection or protection against infectious and contagious diseases, almost as much will depend upon the judgment of the health officer or attending physician as upon the method.

*Smallpox in Buffalo, N. Y.*

BUFFALO, N. Y., *December 4, 1901.*

SIR: I have the honor to state for your information that the local health authorities report verbally that, since my last letter on the subject, there have occurred 39 cases of variola, making in all 64 cases and 2 deaths in connection with the recent outbreak in the eastern part of the city. The disease is of mild character, and the authorities are finding much difficulty in learning of cases, since parents are disposed to screen their children from the demands of isolation when ill, and continue to send others that have been exposed to the public schools. It has become impossible to care for all cases in the isolation hospital, since the present building is so limited in capacity and so much out of repair. Isolation is, therefore, practiced so far as may be in the homes of the patients, or in tents placed upon the premises. Disinfection is freely practiced and vaccination stations have been opened at convenient locations, which measures are expected to result in an early improvement of the situation.

Respectfully,

EUGENE WADDIN,  
*Surgeon, U. S. M. H. S.*

*Smallpox in Tacoma, Wash.*

TACOMA, WASH., *November 26, 1901.*

SIR: I have the honor to report to you that since reporting to you on November 6, that this port was free from smallpox, there have been 4 new cases in this city, all of which have come from outside places, viz, Sister of charity, November 19, from Oregon; tramp, November 13, from Seattle, Wash.; tramp, November 21, from Montana; laborer, November 23, from Seattle, Wash. There are several cases outside of city limits which are taken care of by the county authorities. All of the above cases are of the usual mild type.

Respectfully,

T. J. SCHUG,  
*Acting Assistant Surgeon, U. S. M. H. S.*

*Arrival at Baltimore of vessels from West Indian and South American ports.*BALTIMORE, MD., *December 7, 1901.*

SIR: I have to report the arrival at this port of the following-named vessels, from the ports named, for the week ended this day: December 2, Norwegian steamship *Hero*, from Daiquiri, with ore; American schooner *W. H. Dix*, from San Andres, with cocoanuts. December 5, American schooner *John A. Matheson*, from San Andres, with cocoanuts.

Respectfully,

WM. F. STONE,  
*Collector.*

## REPORTS FROM THE MEXICAN BORDER.

*Eagle Pass, Tex., November 30, 1901—Inspection service.*—I have the honor to report the following summary of transactions at this port for the week ended November 30, 1901: Number of passenger trains from Mexico inspected, 9; number of passengers on trains from Mexico inspected and passed, 356; number of passengers detained, none.

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

*El Paso, Tex., November 30, 1901—Inspection service.*—I have the honor to submit herewith summary of transactions at this station for the week ended November 30, 1901: Inspection Mexican Central Railroad passengers, 113; inspection Rio Grande and Pacific Railroad passengers, 15; inspection of immigrants, 136; disinfection of blankets, bedding, etc., 71 pieces; disinfection of soiled linen imported for laundry, 371 pieces; disinfection of Pullman soiled linen, 2,807 pieces; disinfection of 2 wagon loads of cattle hides.

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

*Laredo, Tex., December 1, 1901—Inspection service.*—I have the honor to submit the following report for the week ended November 30, 1901: Number of passenger trains from Mexico inspected, 14; persons inspected on passenger trains from Mexico, 702; immigrants inspected, 36; immigrants vaccinated, 17. Soiled linen of Pullman Car Company disinfected, 4,085 pieces.

H. J. HAMILTON,  
*Acting Assistant Surgeon, U. S. M. H. S.**Statistical reports of States and cities of the United States—Yearly and monthly.*

CALIFORNIA—*San Francisco.*—Month of October, 1901. Estimated population, 360,000. Total number of deaths, 566, including diphtheria, 10; enteric fever, 15; smallpox, 1; plague, 3; whooping cough, 4, and 48 from tuberculosis.

ILLINOIS—*Peoria.*—Month of November, 1901. Census population, 56,100. Total number of deaths, 61, including diphtheria, 3; enteric fever, 1; scarlet fever, 1, and 10 from tuberculosis.

*Springfield.*—Month of November, 1901. Estimated population, 36,000. Total number of deaths, 48, including diphtheria, 1, and 5 from tuberculosis.

INDIANA—*Muncie.*—Month of November, 1901. Estimated popula-

tion, 22,670. Total number of deaths, 20, including enteric fever, 4, and 4 from tuberculosis.

**KANSAS**—*Leavenworth*.—Month of November, 1901. Census population, 20,735. Total number of deaths, 13, including 1 from tuberculosis.

**MAINE**—*Portland*.—Month of August, 1901. Census population, 50,145. Total number of deaths, 57, including diphtheria, 1, and 11 from tuberculosis.

Month of September, 1901. Total number of deaths, 62, including whooping cough, 1, and 7 from tuberculosis.

Month of October, 1901. Total number of deaths, 73, including diphtheria, 4; enteric fever, 2, and 5 from tuberculosis.

**MASSACHUSETTS**—*Newton*.—Month of November, 1901. Census population, 33,587. Total number of deaths, 35, including enteric fever, 2; smallpox, 1, and 4 from tuberculosis.

**MICHIGAN**.—Reports to the State board of health Lansing, for the week ended November 30, 1901, from 82 observers indicate that inflammation of bowels, dysentery, erysipelas, and whooping cough were more prevalent; and diarrhea was less prevalent than in the preceding week. Cerebro-spinal meningitis was reported present at 1, measles at 12, whooping cough at 20, diphtheria at 43, enteric fever at 72, smallpox at 73, scarlet fever at 94, and phthisis pulmonalis at 189 places.

**MINNESOTA**—*Winona*.—Month of November, 1901. Estimated population, 20,000. Total number of deaths, 19, including 6 from phthisis pulmonalis.

**NEBRASKA**—*Omaha*.—Month of September, 1901. Census population, 102,555. Total number of deaths, 75, including diphtheria, 2; enteric fever, 3; smallpox, 1, and 4 from tuberculosis.

Month of October, 1901. Total number of deaths 71, including diphtheria, 1; enteric fever, 1; scarlet fever, 1; smallpox, 1, and 10 from tuberculosis.

**NEW JERSEY**—*Jersey City*.—Month of September, 1901. Census population, 206,433. Total number of deaths, 322, including diphtheria, 9; enteric fever, 3; measles, 1; scarlet fever, 2; whooping cough, 1, and 36 from phthisis pulmonalis.

**NEW YORK**.—Reports to the State board of health for the month of October, 1901, from 156 cities, towns, and villages having an aggregate estimated population of 7,268,000, show a total of 9,738 deaths, including diphtheria, 260; enteric fever, 235; measles, 20; scarlet fever, 38; whooping cough, 53, and 1,112 from phthisis pulmonalis.

*Saratoga Springs*.—Estimated population, 12,500. Total number of deaths, 24, including enteric fever, 2, and 4 from tuberculosis.

**NORTH CAROLINA**—*Charlotte*.—Month of November, 1901. Census population, 18,091. Total number of deaths, 28, including enteric fever, 1, and 2 from phthisis pulmonalis.

**NORTH DAKOTA**—*Langdon*.—Month ended November 22, 1901. Cen-

sus population, 1,118. Number of deaths not reported. One death from enteric fever reported.

TENNESSEE—*Knoxville*.—Month of November, 1901. Estimated population, 50,380. Total number of deaths, 37, including enteric fever, 1; scarlet fever, 4, and 8 from tuberculosis.

TEXAS—*San Antonio*.—Month of November, 1901. Estimated population, 63,000. Total number of deaths, 113, including diphtheria, 1; enteric fever, 2, and 32 from tuberculosis, of which 24 were of non-residents.

## Reports from national quarantine

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
1	UNITED STATES:				
2	Alexandria, Va.....	Dec. 7	.....	.....	.....
	Apalachicola, Fla.....	Nov. 23	.....	.....	.....
3	Beaufort, N. C.....	Nov. 30	.....	.....	.....
4	Biscayne Bay, Fla.....	Dec. 7	.....	.....	.....
5	Boca Grande, Fla.....	Nov. 30	.....	.....	.....
6	Brunswick, Ga.....	do	.....	.....	.....
		Dec. 7	Sp. bg. Alfredo.....	Dec. 7	Havana.....
7	Cape Charles, Va.....	do	.....	.....	.....
8	Cape Fear, N. C.....	Nov. 30	.....	.....	.....
9	Cedar Key, Fla.....	Nov. 16	.....	.....	.....
10	Columbia River, Ore.....	Nov. 23	.....	.....	.....
11	Cumberland Sound, Fla.....	Nov. 30	.....	.....	.....
12	Delaware Breakwater Quarantine, Lewes, Del.	do	.....	.....	.....
13	Dutch Harbor, Alaska.....	.....	.....	.....	.....
14	Eureka, Cal.....	Nov. 30	.....	.....	.....
15	Grays Harbor, Wash.....	do	.....	.....	.....
16	Gulf Quarantine, Ship Island, Miss.....	do	Nor. bk. Star (a).....	Nov. 13	Port Elizabeth.....
17	Key West, Fla.....	do	.....	.....	.....
18	Los Angeles, Cal.....	do	.....	.....	.....
19	Newbern, N. C.....	do	.....	.....	.....
20	Nome, Alaska.....	.....	.....	.....	.....
21	Pascagoula, Miss.....	Nov. 30	.....	.....	.....
22	Port Angeles, Wash.....	Nov. 23	.....	.....	.....
		Nov. 30	.....	.....	.....
23	Port Townsend, Wash.....	do	Br. ss. Glenshiel.....	Nov. 28	Kobe.....
24	Punta Grande, Fla.....	do	.....	.....	.....
25	Punta Rassa, Fla.....	do	.....	.....	.....
26	Reedy Island, Del.....	do	.....	.....	.....
27	St. Georges Sound, Fla.....	do	.....	.....	.....
28	St. Johns River, Fla.....	do	.....	.....	.....
29	San Diego, Cal.....	do	.....	.....	.....
30	San Francisco, Cal.....	do	.....	.....	.....
31	San Pedro, Cal.....	do	.....	.....	.....
32	Santa Rosa, Fla.....	Dec. 2	It. bk. Oriana (a).....	Nov. 16	Hamburg.....
			It. ss. Avon (a).....	Nov. 21	Antwerp.....
			Br. bk. Lancefield (a).....	do	Waterford.....
			It. bk. Rosin (a).....	Nov. 22	Genoa.....
			Nor. bk. Paragon (a).....	do	Pernambuco.....
			It. bk. Avenir (a).....	Nov. 22	Cherbourg.....
			Am. sc. Gertrude L. Trundy.....	Dec. 1	Nassau.....
33	Savannah, Ga.....	Nov. 30	It. bk. Luigina.....	do	Newport.....
			Ger. ss. Asia (a).....	Nov. 21	Boston.....
34	South Atlantic Quarantine, Blackbeard Island, Ga.	do	Br. ss. Dromore.....	Nov. 19	St. Vincent.....
			Nor. bk. Cato.....	Nov. 20	Cape Town.....
35	Tampa Bay, Fla.....	do	Aus. bk. Nemirna.....	Nov. 26	St. Naziere via Barbados.
36	Washington, N. C.....	do	.....	.....	.....
	CUBA:				
37	Baracoa.....	Nov. 16	.....	.....	.....
38	Batabano.....	Nov. 30	.....	.....	.....
39	Caibarien.....	do	.....	.....	.....
40	Cardenas.....	do	.....	.....	.....

a Previously reported.



## and inspection stations.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
1				No transactions.....	
2					2
3				No transactions.....	
4				No report.....	
5				No transactions.....	
6				do.....	
	Brunswick.....	Held for discharge of ballast and fumigation.		do.....	3
7				No report.....	1
8					
9				No report.....	4
10					
11				No report.....	
12				No transactions.....	
13				No report.....	
14				do.....	1
15					2
16	Ship Island.....	Disinfected and held.....	Nov. 26		7
17					1
18				No transactions.....	
19				No report.....	
20					4
21				No transactions.....	
22				do.....	7
23	Tacoma.....	Crew bathed; dunnage and forecabin disinfected.	Nov. 28		
24				No report.....	
25				do.....	16
26					2
27				Glandular regions of crew on Johan Irgens, from Newport, Wales, examined.	
28					2
29				French cruiser Protet, from Panama, passed on statement of medical officer.	4
30				Physical examination made of steerage passengers and forecabin crew of Br. ss. Doric from Hongkong.	13
31				No transactions.....	
32	Pensacola.....	Ballast discharged, and vessel cleaned.	Nov. 28		16
	do.....	do.....	Dec. 4		
	do.....	do.....	do.....		
	do.....	do.....	Nov. 29		
	do.....	do.....	Dec. 4		
	do.....	Held to discharge ballast and clean vessel.			
	do.....	Held to discharge decayed hay.	Dec. 3		
	do.....	Held to discharge ballast.			
33	Savannah.....	Disinfection of dunnage and water supply.	Nov. 24	Previous port Soerabaya, where 2 cases cholera occurred on board.	9
34	Brunswick.....	Disinfected.....	Nov. 27		
	do.....	Held for disinfection.....		Remanded from Brunswick, Ga.	
35	Port Tampa.....	Held to discharge sand ballast, stone ballast, and hold washed with Hg.Cl <sub>2</sub> .	Nov. 30		1
36				No transactions.....	
37					3
38					3
39				8 vessels passed without inspection.	1
40				9 vessels passed without inspection.	2

## Reports from national quarantine

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
	<b>CUBAS—Continued.</b>				
41	Casilda.....	Nov. 30			
42	Cienfuegos.....	do.....			
43	Dalquiri.....	Nov. 23			
44	Gibara.....	do.....			
45	Guantanamo.....	do.....			
46	Havana.....	Nov. 30	Br. ss. Ardanmohr.....	Nov. 14	Cartagena.....
			Sp. ss. Buenos Ayres.....	Nov. 29	Vera Cruz.....
47	Isabela de Sagua.....	do.....			
48	Manzanillo.....	Nov. 23			
49	Matanzas.....	Nov. 30			
50	Nuevitas.....	do.....			
51	Puerto Padre.....	Nov. 16			
52	Santa Cruz.....	Nov. 23			
		Oct. 5			
		Nov. 23			
53	Santiago de Cuba.....	do.....			
	<b>HAWAII:</b>				
54	Hilo.....	Nov. 16			
55	Honolulu.....	Nov. 23			
56	Kahului.....	do.....			
57	Kihel.....	Nov. 9			
58	Koloa, Kauai.....	Nov. 23			
59	Lahaina.....	do.....			
	<b>PHILIPPINES:</b>				
60	Cebu.....	Sept. 23			
61	Iloilo.....	do.....			
62	Manila.....	Oct. 5	Am. ss. Legaspi.....	Sept. 25	Faal.....
	<b>PORTO RICO:</b>				
63	Ponce.....	Nov. 23	Ss. St. Domingue.....	Nov. 17	Port au Prince.....
			Sp. ss. Cataluña.....	do.....	Havana.....
			Ss. Julia.....	Nov. 18	do.....
64	San Juan.....	do.....	Fr. ss. St. Simon.....	Nov. 17	Gonaives.....
			Sp. ss. Cataluña.....	Nov. 19	Havana.....
	<b>Subports—</b>				
65	Aguadilla.....	do.....			
66	Arecibo.....	do.....			
67	Arroyo.....	do.....			
68	Fajardo.....	do.....			
69	Humacao.....	do.....			
70	Mayaguez.....	do.....	Ger. ss. Croatia.....	Nov. 17	Sanchez.....
			Ss. Julia.....	Nov. 18	Havana.....

## and inspection stations—Continued.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
41					11
42				3 vessels passed without inspection.	7
43					1
44					4
45				5 vessels passed without inspection.	2
46	Havana	Disinfected	Nov. 30	1 case of yellow fever removed to hospital	33
	do	Ship's bay disinfected after removal of patient to hospital.	Nov. 29	Case yellow fever removed to Las Animas Hospital at this port.	
47				9 vessels passed without inspection.	1
48					8
49				1 vessel passed without inspection.	3
50				5 vessels passed without inspection.	2
51					4
52				4 vessels passed without inspection.	7
				11 vessels passed without inspection.	
53				3 vessels passed without inspection.	9
54					1
55					9
56				No transactions	
57				No report	
58				No transactions	
59				No report	
60					27
61					6
62	Manila	Partially disinfected	Sept. 30	Vessel disinfected and released under new crew; old crew and passengers bathed; effects disinfected; all members vaccinated and held to complete a period of fourteen days.	40
63	Fort de France	Held in quarantine	Nov. 17	Disinfected 13 pieces of baggage and 1 sack of mail.	3
	Sensa	do	Nov. 18		
	San Juan	do	do	Disinfected 50 pieces of baggage and 2 sacks of mail.	
64	Havre	do	Nov. 17	Baggage of local passengers disinfected.	6
	Las Palmas	do	Nov. 19	Baggage of local passengers disinfected.	
65					1
66					3
67					1
68				No transaction	
69					2
70	St. Thomas	Held in quarantine	Nov. 17		1
	San Juan	do	Nov. 18		

*Reports from State and*

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
1	Baltimore, Md .....	Dec. 7	.....	.....	.....
2	Bangor, Me .....	do.....	.....	.....	.....
3	Boston, Mass.....	do.....	.....	.....	.....
4	Charleston, S. C.....	Nov. 30	.....	.....	.....
5	Elizabeth River, Va.....	Dec. 7	.....	.....	.....
6	Galveston, Tex.....	Nov. 30	.....	.....	.....
7	Marcus Hook, Pa.....	Dec. 7	.....	.....	.....
8	Mobile Bay, Ala .....	Nov. 23	Nor. bk. Assyria.....	Nov. 19	Cape Town.....
			Br. bk. Veronica .....	Nov. 21	Rio de Janeiro ....
			Br. bk. Birnam Wood.....	Nov. 22	.....do .....
		Nov. 30	.....	.....	.....
9	New Bedford, Mass.....	do.....	.....	.....	.....
10	New Orleans, La.....	do.....	.....	.....	.....
11	Newport News, Va .....	do.....	.....	.....	.....
12	Newport, R. I.....	do.....	.....	.....	.....
13	New York, N. Y.....	Dec. 7	.....	.....	.....
14	Pass Cavallo, Tex.....	do.....	.....	.....	.....
15	Port Royal, S. C.....	Nov. 30	.....	.....	.....
16	Providence, R. I.....	Dec. 7	.....	.....	.....
17	Quintana, Tex.....	do.....	.....	.....	.....
18	Sabine Pass, Tex.....	do.....	.....	.....	.....
19	St. Helena Entrance, S. C.....	do.....	.....	.....	.....

*municipal quarantine stations.*

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

*Report of immigration at Baltimore for the week ended December 7, 1901.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Baltimore, December 7, 1901.**Number of alien immigrants who arrived at this port during the week ended December 7, 1901; also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Dec. 1	Steamship Mark.....	Bremen .....	542
Do....	Steamship Brookline .....	Port Antonio.....	1
Dec. 4	Steamship Oldenburg.....	Bremen .....	780
	Total.....		1,323

PERCY C. HENNIGHAUSEN,  
*Commissioner.**Report of immigration at Boston during week ended November 30, 1901.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Boston, November 30, 1901.**Number of alien immigrants who arrived at this port during the week ended November 30, 1901; also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Nov. 24	Steamship Boston.....	Yarmouth, Nova Scotia.....	115
Nov. 25	Steamship Commonwealth .....	Liverpool, England.....	328
Do....	Steamship Michigan .....	do.....	1
Nov. 26	Steamship Barcelona .....	Montague, Prince Edward Island.....	2
Nov. 28	Steamship Boston .....	Yarmouth, Nova Scotia.....	114
Do....	Steamship Cestrian .....	Liverpool, England.....	1
Nov. 29	Steamship Bonavista .....	Halifax, Nova Scotia .....	16
Do....	Steamship Saxonia .....	Liverpool, England.....	359
Do....	Steamship New England .....	do.....	140
Nov. 30	Steamship Caledonian.....	London, England.....	3
	Total.....		1,088

GEORGE B. BILLINGS,  
*Commissioner.*

*Report of immigration at New York for the week ended November 30, 1901.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of New York, December 2, 1901.**Number of alien immigrants who arrived at this port during the week ended November 30, 1901;  
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Nov. 25	Steamship La Champagne.....	Havre .....	903
Do	Steamship Karamania.....	Naples .....	423
Do...	Steamship Gergovia.....	do .....	399
Do...	Steamship Campania.....	Liverpool and Queenstown.....	240
Do...	Steamship Ryndam .....	Rotterdam .....	502
Do...	Steamship Lahn.....	Genoa and Naples.....	614
Do...	Steamship Buenos Ayrean .....	Glasgow.....	9
Nov. 26	Steamship Astoria.....	do .....	105
Do...	Steamship Zeeland.....	Southampton and Antwerp.....	1,052
Nov. 27	Steamship Bremen.....	Bremen .....	818
Do...	Steamship Kronprinz Wilhelm .....	do .....	698
Nov. 29	Steamship Majestic.....	Liverpool and Queenstown.....	169
Nov. 30	Steamship Philadelphia.....	Southampton .....	229
	Total.....		6,161

THOMAS FITCHIE,  
*Commissioner.**Report of immigration at Philadelphia for the week ended November 30, 1901.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Philadelphia, November 30, 1901.**Number of alien immigrants who arrived at this port during the week ended November 30, 1901;  
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Nov. 24	Steamship Siberian .....	Glasgow.....	4
Nov. 25	Steamship East Point.....	London.....	2
Do....	Steamship Topaz.....	St. Michaels.....	1
Nov. 26	Steamship Belgenland.. ..	Liverpool and Queenstown.....	111
	Total.....		118

JNO. J. S. RODGERS,  
*Commissioner.*

*Report of immigration at Philadelphia for the week ended December 7, 1901.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Philadelphia, December 7, 1901.**Number of alien immigrants who arrived at this port during the week ended December 7; 1901; also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Dec. 2	Steamship Waesland.....	Liverpool and Queenstown .....	147
Dec. 5	Steamship Switzerland .....	Antwerp.....	234
	<b>Total</b> .....		<b>381</b>

J. L. HUGHES,  
*Acting Commissioner.**Report of immigrants inspected at the port of Baltimore, Md., during the month of November, 1901.*

Total number of immigrants inspected, 1,697; number passed, 1,696; number certified for deportation on account of dangerous contagious or loathsome diseases, or for other physical causes, 1.

*Disposition of immigrants certified for deportation.*—Number of cases pending at beginning of month, none; number of cases certified for deportation during month, 1; total to be accounted for, 1; number cases deported, 1; number cases admitted, none; number cases pending at close of month, none.

H. R. CARTER,  
*Surgeon, U. S. M. H. S.**Report of immigrants inspected at the port of New Orleans, La., during the month of November, 1901.*

Total number of immigrants inspected, 759; number passed, 759.

*Disposition of immigrants certified for deportation.*—Number cases pending at beginning of month, 2; number cases certified for deportation during month, none; total to be accounted for, 2; number cases deported, 2.

C. P. WERTENBAKER,  
*Passed Assistant Surgeon, U. S. M. H. S.,  
Commanding Station.**Report of immigrants inspected at the port of Portland, Me., during the month of November, 1901.*

Total number of immigrants inspected, 143; number passed, 140; number certified for deportation on account of dangerous contagious or loathsome diseases, or for other physical causes, 3.

*Disposition of immigrants certified for deportation.*—Number cases pending at beginning of month, none; number cases certified for deportation during month, 3; total to be accounted for, 3; number cases deported, none; number of cases admitted, none; number cases pending at close of month, 3.

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



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

Total number of immigrants inspected, 38,503; number passed, 38,219; number certified for deportation on account of dangerous contagious or loathsome diseases, or for other physical causes, 284.

*Disposition of immigrants certified for deportation.*—Number cases pending at beginning of month, 25; number cases certified for deportation during month, 284; total to be accounted for, 309; number cases deported, 94; number cases admitted, 161; number cases pending at close of month, 54.

GEO. W. STONER,  
Surgeon, U. S. M. H. S.

*Report of immigrants inspected at the port of Eagle Pass, Tex., during the month of November, 1901.*

Total number of immigrants inspected, 226; number passed, 212; number certified for deportation on account of dangerous contagious or loathsome diseases, or for other physical causes, 14.

*Disposition of immigrants certified for deportation.*—Number cases pending at beginning of month, none; number cases certified for deportation during month, 14; total to be accounted for, 14; number cases deported, 14.

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

*Report of immigrants inspected at the port of El Paso, Tex., during the month of November, 1901.*

Total number of immigrants inspected, 428; number passed, 419; number certified for deportation on account of dangerous contagious or loathsome diseases or for other physical causes, 9.

*Disposition of immigrants certified for deportation.*—Number cases pending at beginning of month, none; number cases certified for deportation during month, 9; total to be accounted for, 9; number cases deported, 9.

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

*Report of immigrants inspected at the port of Port Townsend, Wash., during the month of November, 1901.*

Total number of immigrants inspected, 83; number passed, 82; number certified for deportation on account of dangerous contagious or loathsome diseases, or for other physical causes, 1.

*Disposition of immigrants certified for deportation.*—Number cases pending at beginning of month, none; number cases certified for deportation during month, 1; total to be accounted for, 1; number cases deported, 1.

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

*Smallpox in the United States as reported to the Surgeon-General United States Marine-Hospital Service, June 28, 1901, to December 13, 1901.*

[For reports received from December 23, 1900, to June 28, 1901, see PUBLIC HEALTH REPORTS for June 28, 1901.]

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Alabama:</b>				
Mobile County.....	July 8.....	6		
Total for State, same period, 1900.		1		
<b>Alaska:</b>				
Kluckwan .....	July 26.....			Reported.
Total for Territory, same period, 1900.		28	1	
<b>California:</b>				
Los Angeles.....	June 2-Dec. 3...	14		
Oakland.....	Sept. 1-Oct. 31...	4		
San Francisco.....	July 1-Nov. 17...	25	1	
Total for State .....		43	1	
Total for State, same period, 1900.		2		
<b>Colorado:</b>				
Arapahoe County.....	May 1-Nov. 30...	86		
Archuleta County .....	do	17		
Bent County .....	do	9		
Boulder County.....	do	30		
Chaffee County.....	do	5		
Clear Creek County.....	do	9		
Costilla County .....	do	6		
Custer County.....	do	2		
Delta County.....	do	36		
Douglas County.....	do	10		
El Paso County.....	do	33		
Fremont County.....	do	2		
Garfield County.....	do	6		
Gilpin County.....	do	66		
Gunnison County.....	do	10		
Hinsdale County.....	Nov. 1-Nov. 30...	17		
Jefferson County.....	May 1-Nov. 30	14		
Kit Carson County.....	do	1		
Lake County.....	do	19		
La Plata County.....	do	7		
Larimer County.....	do	1		
Las Animas County.....	do	14		
Logan County.....	do	5		
Mesa County.....	do	2		
Mineral County.....	do	42		
Montrose County.....	do	22		
Morgan County.....	do	2		
Otero County.....	do	9		
Ouray County.....	do	9		
Park County.....	do	9		
Phillips County.....	do	2		
Pitkin County.....	do	9		
Prowers County.....	do	2		
Pueblo County.....	do	22		
Rio Grande County.....	do	6		
Routt County.....	do	9		
Saguache County.....	do	11		
San Juan County.....	do	15		
San Miguel County.....	do	4		
Summit County.....	do	14		
Teller County.....	do	65		
Washington County.....	do	5		
Weld County.....	do	10		
Yuma County.....	Nov. 1-Nov. 30...	4		
Total for State .....		678		
Total for State, same period, 1900.		372		
<b>District of Columbia:</b>				
Washington .....	June 16-Oct. 5...	12		
Total for District, same period, 1900.		28		

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Georgia:</b>				
Gilmer County.....	Nov. 1-Nov. 26...	11		
Pickens County.....	July 1-Aug. 10...	37		
Total for State .....		48		
Total for State, same period, 1900.		24	1	
<b>Illinois:</b>				
Cairo.....	Nov. 1-Nov. 30...	4		
Chicago.....	June 23-Dec. 7...	17		
Fairport.....	Aug. 18-Sept. 14...	2		
Peoria.....	June 1-Nov. 30...	136		
Springfield.....	do.....	82		
Total for State.....		241		
Total for State, same period, 1900.		122	6	
<b>Indiana:</b>				
Adams County.....	June 1-Oct. 31...	59		
Allen County.....	do.....	12	1	
Cass County.....	do.....	3		
Clinton County.....	do.....	20	1	
Davies County.....	do.....	68	2	
Dearborn County.....	do.....	11		
De Kalb County.....	do.....	7		
Jay County.....	do.....	1		
Kosciusko County.....	do.....	11		
Laporte County.....	do.....	10	2	
Marion County.....	do.....	10		
Montgomery County.....	do.....	1		
Ohio County.....	do.....	6		
Owen County.....	do.....	1		
Porter County.....	do.....	3		
Posey County.....	do.....	4		
Randolph County.....	do.....	3		
Spencer County.....	do.....	24		
Switzerland County.....	do.....	11		
Tiptecanoe County.....	do.....	32		
Vanderburgh County.....	Oct. 1-Nov. 30...	16		
Warwick County.....	do.....	4		
Wayne County.....	do.....	12		
Total for State .....		329	6	
Total for State, same period, 1900.		200	9	
<b>Iowa:</b>				
Clinton.....	June 16-June 22...	1		
Keokuk.....	Oct. 1-Oct. 31...	2	2	
Ottumwa.....	June 2-Nov. 30...	118		
Total for State .....		121	2	
Total for State, same period, 1900.		14		
<b>Kansas:</b>				
Allen County.....	June 1-Oct. 31...	24		
Anderson County.....	do.....	1		
Barber County.....	do.....	2		
Barton County.....	do.....	51	1	
Bourbon County (Fort Scott).....	do.....	52		
Chautauqua County.....	do.....	26		
Cherokee County.....	do.....	42	1	
Clark County.....	do.....	4		
Clay County.....	do.....	3		
Cloud County.....	do.....	1		
Coffey County.....	do.....	3		
Crawford County.....	do.....	124		
Doniphan County.....	do.....	59		
Douglas County.....	do.....	28		
Greenwood County.....	do.....	10	1	
Hamilton County.....	do.....	2		
Jefferson County.....	do.....	27		
Labette County.....	do.....	25		
Lane County.....	do.....	6		
Leavenworth County.....	do.....	27		
Marshall County.....	do.....	28		
Meade County.....	do.....	5		
Montgomery County.....	do.....	2		
Nemaha County.....	do.....	1		

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

Place.	Date.	Cases.	Deaths	Remarks.
<b>Kansas—Continued.</b>				
Ness County .....	June 1-Oct. 31...	11		
Ottawa County .....	do .....	5		
Pottawatomie County .....	do .....	2		
Reno County .....	do .....	1		
Riley County .....	do .....	1		
Shawnee County .....	do .....	14		
Stevens County .....	do .....	8		
Sumner County .....	do .....	31		
Sedgwick County (Wichita) .....	do .....	23	1	
Washington County .....	do .....	43		
Woodson County .....	do .....	14		
Total for State .....		706	4	
Total for State, same period, 1900. ....		152	1	
<b>Kentucky:</b>				
Lexington .....	June 23-Nov. 31...	15		
Total for State, same period, 1900. ....		41		
<b>Louisiana:</b>				
Caddo .....	Nov. 24-Nov. 30...	10		
New Orleans .....	June 16-Nov. 30...	67	6	
Shreveport .....	July 14-Nov. 30...	11	1	
Total for State .....		88	7	
Total for State, same period, 1900. ....		197	53	
<b>Maine:</b>				
Portland .....	Sept. 10-Sept. 14...	2		
<b>Maryland:</b>				
Baltimore .....	Nov. 24-Nov. 30...	1		
Total for State, same period, 1900. ....		22		
<b>Massachusetts:</b>				
Boston .....	July 7-Dec. 7...	344	41	
Cambridge .....	Oct. 20-Nov. 30...	5	1	
Chelsea .....	Nov. 17-Nov. 23...	1		
Everett .....	do .....	1		
Fall River .....	June 23-July 13...	14	1	
Fitchburg .....	June 2-June 8...	1		
Gloucester .....	July 17-Dec. 7...	2		
Holyoke .....	July 7-July 13...	1		
Lowell .....	Nov. 24-Nov. 30...	1		
Malden .....	Nov. 24-Nov. 30...	1		
Medford .....	Sept. 1-Nov. 30...	2		
New Bedford .....	July 1-Dec. 7...	5	1	
Newton .....	Sept. 29-Nov. 30...	4	1	
Quincy .....	June 16-June 22...	1		
Somerville .....	Nov. 17-Nov. 30...	3		
Waltham .....	June 23-June 29...	1		
Worcester .....	June 15-July 5...	5	3	
Total for State .....		392	48	
Total for State, same period, 1900. ....		23		
<b>Michigan:</b>				
Alger County .....	Nov. 9 .....			Present.
Houghton County .....	July 1-Nov. 9 .....			Do.
Isabella County .....	do .....			Do.
Kent County (Grand Rapids) .....	July 1-July 13 .....			Do.
Mackinac County .....	do .....			Do.
Mason County .....	do .....			Do.
Osceola County .....	do .....			Do.
Saginaw County .....	do .....			Do.
Sanilac County .....	Nov. 9 .....			Do.
Van Buren County .....	do .....			Do.
Washtenaw County .....	do .....			Do.
Wayne County (Detroit) .....	July 1-Nov. 9 .....	3		Do.
Wexford County .....	Nov. 9 .....			Do.
Total for State .....		3		
Total for State, same period, 1900. ....		191	1	

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Minnesota:</b>				
Aitkin County.....	June 17-Nov. 18..	53	1	
Anoka County.....	do	18		
Becker County.....	do	18		
Beltrami County.....	do	66		
Benton County.....	do	31		
Big Stone County.....	do	17		
Blue Earth County.....	do	4		
Brown County.....	do	16		
Carlton County.....	do	45	1	
Carver County.....	do	12		
Cass County.....	do	29	2	
Chippewa County.....	do	10		
Clay County.....	do	81	1	
Cook County.....	do	26		
Cottonwood County.....	do	2		
Crow Wing County.....	do	69		
Dakota County.....	do	3		
Dodge County.....	do	2		
Douglas County.....	do	27		
Faribault County.....	do	1		
Fillmore County.....	do	39		
Freeborn County.....	do	4		
Goodhue County.....	do	1		
Hennepin County (Minneapolis).	do	50		
Houston County.....	do	47		
Hubbard County.....	do	7		
Isanti County.....	do	1		
Itasca County.....	do	23		
Jackson County.....	do	4		
Kanabec County.....	do	2		
Kandiyohi County.....	do	1		
Kittson County.....	do	3		
Lesueur County.....	do	8		
Lyon County.....	do	22		
McLeod County.....	do	5	1	
Marshall County.....	Sept. 9-Nov. 18..	16		
Martin County.....	June 17-Nov. 18..	3		
Meeker County.....	do	3		
Millelacs County.....	do	3		
Morrison County.....	do	14		
Mower County.....	Sept. 9-Nov. 18..	60		
Murray County.....	June 17-Nov. 18..	10		
Nicollet County.....	do	4		
Nobles County.....	Aug. 26-Nov. 18..	3		
Norman County.....	June 17-Nov. 18..	78		
Olmsted County (Rochester).....	do	41		
Ottertail County.....	do	113		
Pine County.....	do	64	1	
Pipestone County.....	do	7		
Polk County.....	do	128		
Pope County.....	do	103	1	
Ramsey County (St. Paul).....	do	36		
Red Lake County.....	do	108		
Red Wood County.....	do	26	2	
Renville County.....	do	50	1	
Rice County.....	do	61	1	
Rock County.....	do	2		
Roseau County.....	do	1		
St. Louis County (Duluth).....	do	153		
Sherburne County.....	do	22		
Sibley County.....	do	46		
Stearns County.....	do	148		
Steele County.....	do	14		
Stevens County.....	do	6		
Swift County.....	Aug. 1-Nov. 18..	1		
Todd County.....	June 17-Nov. 18..	51		
Traverse County.....	do	10		
Wabasha County.....	do	8	1	
Wadena County.....	do	9		
Waseca County.....	do	11		
Washington County.....	do	43		
Winona County (Winona).....	do	26	1	
Total for State.....		2,245	14	
Total for State, same period, 1900.		688	3	

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Missouri:</b>				
St. Joseph.....	Aug. 1-Oct. 31....	91	1	
St. Louis.....	June 17-Dec. 1..	276	1	
Total for State .....		367	2	
Total for State, same period, 1900.....		4		
<b>Nebraska:</b>				
Omaha.....	June 16-Nov. 30...	67		
South Omaha.....	June 25-Nov. 30...	43		
Total for State .....		110		
Total for State, same period, 1900.....		13		
<b>New Hampshire:</b>				
Concord.....	Oct. 6-Oct. 12....	1	1	
Manchester.....	June 16-July 13..	3		
Nashua.....	July 21-Aug. 3...	3		
Total for State .....		7	1	
Total for State, same period, 1900.....		31		
<b>New Jersey:</b>				
Camden County.....	Oct. 6-Nov. 30...	22	1	
Essex County, including Newark.....	July 1-Nov. 30...	193	30	
Hudson County, including Jersey City.....	June 17-Dec. 1..	33	1	
Passaic County.....	Oct. 1-Nov. 16...	3		
Total for State.....		251	32	
Total for State, same period, 1900.....		5		
<b>New York:</b>				
Buffalo.....	June 25-Dec. 4...	75	2	
Dunkirk.....	July 1-July 6....	1		
Elmira.....	June 16-Oct. 17...	22		
Gowanda.....	July 29.....	7		
New York.....	June 23-Nov. 30...	570	162	
Rochester.....	July 1-July 31...	5		
Total for State .....		680	164	
Total for State, same period, 1900.....		58	6	
<b>North Carolina:</b>				
Alamance County.....	May 1-Nov. 30...	1		
Buncombe County.....	do.....	26		
Burke County.....	do.....	9		
Cabarrus County.....	do.....	43		
Caswell County.....	do.....	13		
Chatham County.....	do.....	4		
Cleveland County.....	do.....	18		
Cumberland County.....	do.....	37		
Davie County.....	July 1-Nov. 30...	4		
Duplin County.....	Nov. 1-Nov. 30...	5		
Durham County.....	May 1-Nov. 30...	20		
Forsyth County.....	July 1-Nov. 30...	5	1	
Gaston County.....	May 1-Nov. 30...	17		
Granville County.....	do.....	4		
Greene County.....	do.....	3		
Guilford County.....	do.....	16		
Haywood County.....	July 1-Nov. 30...	4		
Henderson County.....	do.....	50		
Johnston County.....	May 1-Nov. 30...	19		
McDowell County.....	do.....	5		
Mecklenburg County.....	do.....	46		
Nash County.....	do.....	2		
Orange County.....	do.....	37		
Person County.....	do.....	78		
Polk County.....	do.....	2		
Randolph County.....	July 1-Nov. 30...	30		
Robeson County.....	May 1-Nov. 30...	2		
Rockingham County.....	do.....	28		
Rowan County.....	do.....	3		
Rutherford County.....	do.....	3		
Sampson County.....	do.....	1		
Stanly County.....	do.....	11		

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>North Carolina—Continued.</b>				
Stokes County.....	Nov. 1-Nov. 30...	1		
Vance County.....	May 1-Nov. 30...	2		
Wake County.....	.....do.....	20		
Wayne County.....	.....do.....	18		
<b>Total for State .....</b>		<b>587</b>	<b>1</b>	
<b>Total for State, same period, 1900.</b>		<b>516</b>		
<b>North Dakota:</b>				
Barnes County.....	July 1-Sept. 15...	24		
Bottineau County.....	Sept. 15-Dec. 2...	12		
Bowdon.....	Oct. 20-Oct. 26...	1		
Burleigh County.....	July 14-July 20...	1		
Cass County (Fargo).....	July 1-Nov. 25...	6		
Edmond County.....	Sept. 15-Oct. 15...	6		
Foster County.....	Sept. 15.....	1		
Grand Forks County.....	.....do.....	6		
Kidder County.....	Nov. 23-Nov. 29...	4		
Lamoure County.....	Sept. 15-Oct. 25...	8		
Mayville.....	Sept. 15-Nov. 2...	4		
Pembina County.....	July 1-July 6...	5		
Richland County.....	.....do.....	2		
Rolette County.....	Sept. 15.....	1		
Stutsman County.....	July 7-Nov. 30...	3		
Trails County.....	July 14-July 20...	1		
Wells County.....	Sept. 15.....	5		
Fisher.....	July 7-July 13...	1		
Lakota.....	July 1-July 6...	2		
<b>Total for State .....</b>		<b>93</b>		
<b>Total for State, same period, 1900.</b>		<b>28</b>	<b>2</b>	
<b>Ohio:</b>				
Adams County.....	Jan. 1-July 31...	27	1	
Allen County.....	.....do.....	8		
Ashland County.....	.....do.....	15		
Ashtabula County.....	.....do.....	31		
Athens County.....	.....do.....	19		
Auglaize County.....	.....do.....	5		
Belmont County.....	.....do.....	44		
Brown County.....	.....do.....	7		
Carroll County.....	.....do.....	1		
Champaign County.....	.....do.....	6	1	
Clark County.....	.....do.....	6		
Clermont County.....	June 1-July 31...	1		
Columbiana County.....	Jan. 1-July 31...	2		
Coshocton County.....	.....do.....	81		
Crawford County.....	.....do.....	23		
Cuyahoga County (Cleveland).....	Jan. 1-Oct. 5...	1,314	18	
DeLancey County.....	Jan. 1-July 31...	21		
Delaware County.....	.....do.....	4		
Erie County.....	.....do.....	5		
Fairfield County.....	.....do.....	1		
Franklin County.....	.....do.....	46		
Gallia County.....	.....do.....	64	1	
Geauga County.....	.....do.....	29		
Greene County.....	.....do.....	2		
Guernsey County.....	.....do.....	13		
Hamilton County (Cincinnati).....	Jan. 1-Nov. 29...	93	1	
Hancock County.....	Jan. 1-July 31...	8		
Hardin County.....	.....do.....	206		
Harrison County.....	.....do.....	9		
Henry County.....	.....do.....	11		
Hocking County.....	.....do.....	6	2	
Huron County.....	.....do.....	44	1	
Jackson County.....	.....do.....	82		
Jefferson County.....	.....do.....	32	1	
Knox County.....	.....do.....	1		
Lake County.....	.....do.....	17	1	
Lawrence County.....	.....do.....	90		
Logan County.....	June 1-July 31...	1		
Lorain County.....	Jan. 1-July 31...	78	2	
Lucas County (Toledo).....	.....do.....	22		
Mahoning County.....	Jan. 1-June 1...	6		
Marion County.....	.....do.....	1		
Mercer County.....	.....do.....	1		
Monroe County.....	June 1-July 31...	64	1	
Montgomery County.....	Jan. 1-July 31...	13	1	
Morgan County.....	.....do.....	1		
Ottawa County.....	.....do.....	34	1	

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Ohio—Continued.</b>				
Paulding County.....	Jan. 1-July 31...	38		
Perry County.....	do.....	57		
Pike County.....	do.....	2		
Portage County.....	do.....	24		
Putnam County.....	do.....	17		
Richland County.....	do.....	1	1	
Sandusky County.....	June 1-July 31...	1		
Scioto County.....	Jan. 1-July 31...	171	2	
Seneca County.....	do.....	7		
Shelby County.....	do.....	76		
Stark County.....	do.....	10	2	
Summit County.....	do.....	2	1	
Trumbull County.....	do.....	15	1	
Tuscarawas County.....	do.....	4		
Van Wert County.....	do.....	15		
Vinton County.....	do.....	32	1	
Washington County.....	do.....	72	1	
Williams County.....	do.....	91		
Wood County.....	do.....	171	1	
Wyandot County.....	do.....	1		
<b>Total for State.....</b>		<b>3,472</b>	<b>42</b>	
<b>Total for State, same period, 1900.....</b>		<b>1,587</b>	<b>19</b>	
<b>Oregon:</b>				
Portland.....	June 1-June 30...	8		
<b>Total for State, same period, 1900.....</b>		<b>1</b>		
<b>Pennsylvania:</b>				
Adams County.....	Oct. 1-Oct. 31...	1		
Allegheny County (including Pittsburg).	Feb. 1-Oct. 31...	103	1	
Armstrong County.....	Feb. 1-Oct. 31...	1		
Bedford County.....	do.....	25		
Berks County.....	do.....	3		
Blair County.....	do.....	2		
Bucks County.....	Aug. 27-Oct. 31...	10		
Butler County.....	Feb. 1-Oct. 31...	2		
Chester County.....	May 9-Oct. 31...	85	4	
Cumberland County.....	do.....	16		
Dauphin County (including Harrisburg).	do.....	249		
Delaware County.....	do.....	89	4	
Erie County.....	do.....	34		
Fayette County.....	do.....	3		
Franklin County.....	do.....	51		
Greene County.....	do.....	2		
Lancaster County.....	do.....	9		
Lawrence County.....	do.....	53		
Lebanon County (including Lebanon).	Feb. 1-Oct. 31...	181	3	
Luzerne County.....	do.....	46	3	
Lycoming County (including Williamsport).	do.....	101		
McKean County.....	do.....	8		
Mercer County.....	do.....	13	2	
Mifflin County.....	do.....	1		
Montgomery County.....	do.....	1		
Perry County.....	do.....	17		
Philadelphia County (including Philadelphia).	do.....	433	59	
Schuylkill County.....	July 27-Oct. 31...	13		
Sullivan County.....	Aug. 27-Oct. 31...	3		
Tioga County.....	Feb. 1-Oct. 31...	6		
Venango County.....	do.....	1		
Warren County.....	do.....	1		
Washington County.....	do.....	12		
Westmoreland County.....	Feb. 1-Aug. 27...	27		
York County.....	do.....	12		
<b>Total for State.....</b>		<b>1,614</b>	<b>76</b>	
<b>Total for State, same period, 1900.....</b>		<b>25</b>		
<b>Rhode Island:</b>				
Newport.....	Oct. 6-Nov. 16...	11		
Providence.....	June 23-July 6...	3		
<b>Total for State.....</b>		<b>14</b>		
<b>Total for State, same period, 1900.....</b>		<b>0</b>		



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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Tennessee:</b>				
Anderson County.....	April 1-Sept. 30...	13	1	
Blount County.....	do	37		
Bradley County.....	do	15		
Campbell County.....	do	15		
Carroll County.....	do	9		
Cooke County.....	do	93		
Coffee County.....	do	30		
Cumberland County.....	do	15		
Davidson County a.....	do	131		
Decatur County.....	do	20		
De Kalb County.....	do	14		
Dickson County.....	do	40		
Dyer County.....	do	11		
Fayette County.....	do	40		
Franklin County.....	do	16		
Gibson County.....	do	10		
Giles County.....	do	62		
Grainger County.....	do	13	1	
Greene County.....	do	25	1	
Hamblen County.....	do	33		
Hamilton County (including Chattanooga).	do	174	5	
Hardeman County.....	do	64	2	
Hardin County.....	do	17	1	
Haywood County.....	do	42		
Henderson County.....	do	17	1	
Henry County.....	do	61		
Houston County.....	do	23		
Humphreys County.....	do	65	1	
James County.....	do	2		
Lawrence County.....	do	1		
Lewis County.....	do	1		
Lincoln County.....	do	18		
London County.....	do	1		
McMinn County.....	do	12		
Madison County.....	do	1		
Marion County.....	do	154	3	
Marshall County.....	do	5		
Meigs County.....	do	3		
Morgan County.....	do	11		
Obion County.....	do	60		
Perry County.....	do	47		
Polk County.....	do	12		
Rhea County.....	do	8		
Roane County.....	do	29		
Robertson County.....	do	32	4	
Rutherford County.....	do	70	2	
Sevier.....	do	4		
Shelby County (including Memphis).....	do	416	72	
Stewart County.....	do	1		
Sumner County.....	do	2		
Trousdale County.....	do	43		
Union County.....	do	9		
Washington County.....	do	52		
Weakley County.....	do	10		
Williamson County.....	do	23		
Wilson County.....	do	23		
Total for State.....		2,155	94	
Total for State, same period, 1900.....		1,379	18	
<b>Texas:</b>				
Jasper County.....	June 17-July 17...		2	
San Antonio.....	July 1-Nov. 30...	8		
Total for State.....		8	2	
Total for State, same period, 1900.....		621	5	
<b>Utah:</b>				
Ogden.....	July 1-July 31...	1		
Salt Lake City.....	June 16-Nov. 30...	47		
Total for State.....		48		
Total for State, same period, 1900.....		198	1	

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Vermont:</b>				
Burlington .....	Sept. 29–Nov. 30..	41		
Total for State, same period, 1900.		28		
<b>Virginia:</b>				
Roanoke .....	June 1–June 30..	1		
Total for State, same period, 1900.		29	1	
<b>Washington:</b>				
Adams County.....	Mar. 28–Nov. 1..	5		
Chehalis County.....	June 1–Nov. 1..	15		
Chelan County.....	Aug. 1–Oct. 1..	6		
Clallam County.....	June 18.....	3		
Columbia County.....	Jan. 1–Apr. 1..	13		
Cowlitz County.....	June 30.....			
Douglas County .....	Apr. 4.....	1		
Kitsap County.....	July 18.....	1		
King County (including Seattle).	Jan. 1–Oct. 1..	105	3	
Kittitas County .....	Feb. 18–Sept. 28	8		
Klickitat County.....	Aug. 16.....	4		
Lincoln County.....	Feb. 1–Nov. 1..	48		
Pacific County.....	Mar. 6.....	2	1	
Pierce County (including Tacoma).	Jan. 1–Nov. 24..	30		
Skamania county.....	June 10.....	1		
Snohomish County.....	Mar. 1–Sept. 20..	36		
Spokane County (including Spokane).	Jan. 1–Nov. 1..	227	2	
Stevens County.....	Jan. 1–Oct. 28..	27		
Thurston County.....	Feb. 16.....	1		
Walla Walla County.....	Feb. 18.....	8		
Whatcom County.....	May 1–Aug. 1..	40		
Whitman County.....	June 1–Nov. 1..	74		
Total for State .....		655	6	
Total for State, same period, 1900.		52		
<b>West Virginia:</b>				
Berkeley County .....	July 21.....	9		
Wheeling .....	June 16–Aug. 31..	3		
Total for State .....		12		
Total for State, same period, 1900.		21		
<b>Wisconsin:</b>				
Ashland County .....	Aug. 1–Aug. 8..	1		
Brown County (including Greenbay).	Aug. 18–Dec. 2..	25		
Clark County.....	Aug. 1–Aug. 8..	17		
Douglas County.....	do .....	3		
Dunn County.....	do .....	6		
Kewaunee County.....	do .....	1		
Milwaukee County (including Milwaukee).	Sept. 7.....	1		
Marathan County.....	do .....	2		
Showano County.....	do .....	8	8	
Winnebago County.....	do .....	5		
Eighty places.....	May 5–May 31..	347	0	
Sixty-seven places .....	June 1–June 30..	288	3	
Fifty-two places.....	July 1–July 31..	268	0	
Nine places.....	Aug. 1–Aug. 8..	35	8	
Forty-four places.....	Aug. 9–Sept. 30..	161	5	
Total for State .....		1,171	24	
Total for State, same period, 1900.		306	4	
Grand total.....		16,221	525	
Grand total, same period, 1900.		7,067	141	

Reported prevalent in logging camps.

*Plague in the United States as reported to the Surgeon-General, United States Marine-Hospital Service, from June 28, 1901, to December 13, 1901.*

[For reports received from January 1, 1901, to June 23, 1901, see PUBLIC HEALTH REPORTS for June 23, 1901.]

PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>California:</b>				
San Francisco.....	July 6.....	1	1	
Do.....	July 9.....	3	2	
Do.....	July 11.....	1	1	
Do.....	Aug. 29.....	1	1	
Do.....	Sept. 11.....	1	0	
Do.....	Sept. 14.....	1	1	
Do.....	Sept. 20.....	1	.....	
Do.....	Sept. 27.....	1	1	
Do.....	Sept. 28.....	1	1	
Do.....	Sept. 29.....	1	1	
Do.....	Oct. 10.....	1	1	
Do.....	Oct. 19.....	1	1	
Do.....	Oct. 30.....	1	1	
Do.....	Nov. 4.....	1	1	



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

Cities.	Week ended.	Population, U. S. census of 1900.	Total deaths from all causes.	Deaths from—												
				Tuberculosis.	Yellow fever.	Smallpox.	Varicoid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.		
Sacramento, Cal.....	Nov. 23	29,282	7	3												
Do.....	Nov. 30	29,282	7													
Salt Lake City, Utah.....	do.....	53,531	14									1	1			
Santa Barbara, Cal.....	Nov. 23	6,587	3	1												
Do.....	Nov. 30	6,587	2													
Shreveport, La.....	do.....	16,013		2												
Somerville, Mass.....	do.....	61,643	15	3									1			
Do.....	Dec. 7	61,643	17	3									1			
South Bend, Ind.....	Nov. 30	35,999	6	1												
Springfield, Mass.....	do.....	62,059	11													
Steelton, Pa.....	do.....	12,068	1							1						
Do.....	Dec. 7	12,068	2	1												
Tacoma, Wash.....	Nov. 1	37,714	6													
Taunton, Mass.....	Nov. 30	31,036	5													
Toledo, Ohio.....	Dec. 7	131,822	22	1						4			1			
Waltham, Mass.....	Nov. 30	23,481	5													
Warren, Ohio.....	do.....	8,529	2													
Washington, D. C.....	do.....	278,718	106	14						1			3			
Weymouth, Mass.....	do.....	11,324	0													
Wheeling, W. Va.....	do.....	38,878	9	2									1			
Winona, Minn.....	do.....	19,714	5													
Worcester, Mass.....	Nov. 29	118,421	31	5												
Youngstown, Ohio.....	Nov. 30	44,885	15							1						

*Table of temperature and rainfall, week ended December 2, 1901.*

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	<sup>a</sup> Excess.	<sup>a</sup> Deficiency.	Normal.	Excess.	Deficiency.
<b>Atlantic Coast:</b>						
Eastport, Me.....	29		6	.96		.39
Portland, Me.....	31		6	.89		.78
Northfield, Vt.....	25		10	.75		.65
Boston, Mass.....	34		15	.97		.95
New Haven, Conn.....	34		5	.89		.82
Albany, N. Y.....	32		7	.63		.35
New York, N. Y.....	37		5	.82		.75
Harrisburg, Pa.....	38		6	.63		.58
Philadelphia, Pa.....	37			.68		
New Brunswick, N. J.....	37		6	.88		.79
Atlantic City, N. J.....	38		4	.84		.84
Baltimore, Md.....	39		2	.75		.74
Washington, D. C.....	38		2	.63		.61
Lynchburg, Va.....	40		1	.63		.63
Cape Henry, Va.....	48		7	.84		.84
Norfolk, Va.....	44		3	.76		.76
Charlotte, N. C.....	44	1		.77		.77
Raleigh, N. C.....	44		2	.58		.58
Kittyhawk, N. C.....	50		8	.96		.96
Hatteras, N. C.....	49			1.19		
Wilmington, N. C.....	49		2	.56		.56
Columbia, S. C.....	51		3	.58		.58
Charleston, S. C.....	52		3	.70		.70
Augusta, Ga.....	47	0		.77		.77
Savannah, Ga.....	53		1	.58		.58
Jacksonville, Fla.....	57		3	.58		.58
Jupiter, Fla.....	68		3	.70		.63
Key West, Fla.....	71			.47		
<b>Gulf States:</b>						
Atlanta, Ga.....	46	1		.91		.91
Tampa, Fla.....	64		6	.49		.42
Pensacola, Fla.....	55		3	.89		.31
Mobile, Ala.....	53		1	.98		.78
Montgomery, Ala.....	50		1	.97		.96
Meridian, Miss.....	52		3	.93	.07	
Vicksburg, Miss.....	51	4		1.17	.18	
New Orleans, La.....	57	1		.98		.82
Shreveport, La.....	51	5		1.14		.47
Fort Smith, Ark.....	44	8		.82		.80
Little Rock, Ark.....	46	7		1.12		1.06
Palestine, Tex.....	53	5		.96		.96
Galveston, Tex.....	59	5		.96		.59
San Antonio, Tex.....	56	6		.49		.49
Corpus Christi, Tex.....	62	2		.51		.51
<b>Ohio Valley and Tennessee:</b>						
Memphis, Tenn.....	45	8		1.04		1.04
Nashville, Tenn.....	42	4		.89		.89
Chattanooga, Tenn.....	45		4	.91		.91
Knoxville, Tenn.....	41	0		.91		.91
Lexington, Ky.....	41		1	.85		.79
Louisville, Ky.....	39	4		.92		.91
Indianapolis, Ind.....	34	6		.82		.79
Cincinnati, Ohio.....	37	4		.75		.72
Columbus, Ohio.....	35	1		.75		.75
Parkersburg, W. Va.....	40		4	.77		.77
Pittsburg, Pa.....	36		1	.63		.45
<b>Lake Region:</b>						
Oswego, N. Y.....	31		3	.77		.30
Rochester, N. Y.....	30		3	.63		.26
Buffalo, N. Y.....	31	0		.77		.20
Erie, Pa.....	34		1	.82		.50
Cleveland, Ohio.....	33	1		.63		.49
Sandusky, Ohio.....	34	1		.61		.54
Toledo, Ohio.....	33	3		.59		.56
Detroit, Mich.....	31	2		.63		.63
Lansing, Mich.....	31	1		.49		.35
Port Huron, Mich.....	29	3		.57		.52
Alpena, Mich.....	26	2		.56		.44
Sault Ste. Marie, Mich.....	24	1		.54		.40
Marquette, Mich.....	24	8		.63		.29
Escanaba, Mich.....	24	6		.49		.47
Green Bay, Wis.....	23	7		.56		.54
Grand Haven, Mich.....	31	5		.67		.67
Milwaukee, Wis.....	28	6		.44		.44
Chicago, Ill.....	31	6		.61		.51
Duluth, Minn.....	20	9		.35		.35

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

Table of temperature and rainfall, week ended December 2, 1901—Cont'd.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	α Excess.	α Defic'ncy.	Normal.	Excess.	Deficiency.
<b>Upper Mississippi Valley:</b>						
St. Paul, Minn.....	21	10		.23		.23
La Crosse, Wis.....	25	6		.30		.30
Dubuque, Iowa.....	28	5		.47		.47
Davenport, Iowa.....	29	7		.43		.43
Des Moines, Iowa.....	29	9		.35		.35
Keokuk, Iowa.....	31	8		.49		.49
Springfield, Ill.....	34	6		.68		.67
Cairo, Ill.....	40	7		.86		.76
St. Louis, Mo.....	37	8		.70		.70
<b>Missouri Valley:</b>						
Columbia, Mo.....	39		3	.62		.60
Springfield, Mo.....	39		9	.76		.76
Kansas City, Mo.....	34		12	.42		.43
Topeka, Kans.....				.28		.24
Wichita, Kans.....	39		9	.20		.20
Coucordia, Kans.....	35		11	.14		.14
Lincoln, Nebr.....	35		8	.14		.09
Omaha, Nebr.....	30		12	.23		.23
Sioux City, Iowa.....	27		12	.23		.23
Yankton, S. Dak.....						
Valentine, Nebr.....	30		12	.07		.07
Huron, S. Dak.....	23		13	.14		.14
Pierre, S. Dak.....	25		14	.07		.07
Moorhead, Minn.....	15		14	.21		.17
Bismarck, N. Dak.....	17		17	.16		.16
Williston, N. Dak.....	18		12	.09		.05
<b>Rocky Mountain Region:</b>						
Havre, Mont.....	24	17		.12		.12
Helena, Mont.....	29	10		.19		.19
Miles City, Mont.....	25	15		.07		.07
Rapid City, S. Dak.....	33	10		.07		.07
Spokane, Wash.....	36	7		.44		.05
Walla Walla, Wash.....	41	1		.41	.07	
Baker City, Oreg.....	37	7		.72	.36	
Winnemucca, Nev.....	36	9		.16		.06
Pocatello, Idaho.....	29	14		.33	.12	
Boise, Idaho.....	35	13		.37	.25	
Salt Lake City, Utah.....	37	9		.35		.24
Lander, Wyo.....	26	9		.14		.14
Cheyenne, Wyo.....	33	9		.05		.05
North Platte, Nebr.....	32	11		.07		.07
Denver, Colo.....	36	9		.14		.14
Pueblo, Colo.....	40	3		.07		.06
Dodge City, Kans.....	37	9		.12		.12
Oklahoma, Okla.....	42	10		.47		.47
Amarillo, Tex.....	41	7		.14		.14
Ablene, Tex.....	51	5		.30		.30
Santa Fe, N. Mex.....	36	6		.21		.21
El Paso, Tex.....	50	4		.09		.09
Phoenix, Ariz.....	55	10		.20		.20
Yuma, Ariz.....	59	8		.07		.07
<b>Pacific Coast:</b>						
Seattle, Wash.....	43	8		1.40	.19	
Tacoma, Wash.....	43	7		1.50	.21	
Portland, Oreg.....	44	6		1.55		.11
Roseburg, Oreg.....	43			1.08		
Eureka, Cal.....	49			1.40		
Red Bluff, Cal.....	50	7		.97	2.06	
Carson City, Nev.....	38	6		.44	.15	
Sacramento, Cal.....	50	7		.71	.22	
San Francisco, Cal.....	54	2		.87		.31
Fresno, Cal.....	52	7		.28	.02	
San Luis Obispo, Cal.....	55	4		.66		.16
Los Angeles, Cal.....	58	3		.54		.54
San Diego, Cal.....	58			.36		

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

*Snow and ice bulletin for the week ended December 9, 1901.*

[Received from Department of Agriculture, Weather Bureau—Depth of snow and thickness of ice at 8 p. m., December 9, 1901.]

Stations.	Snow.	Ice in rivers, harbors, etc.	Stations.	Snow.	Ice in rivers, harbors, etc.
	Inches.	Inches.		Inches.	Inches.
<b>Connecticut:</b>			<b>Minnesota—Continued.</b>		
New Haven.....	1		Worthington.....	1	
<b>Illinois:</b>			<b>Missouri:</b>		
Bloomington.....	1		Columbia.....	(a)	
Chicago.....	(a)	0.0	Mexico.....	(a)	
Hillsboro.....	(a)		Newhaven.....	2	
Olney.....	3		St. Louis.....	1	0.0
Springfield.....	(a)		Springfield.....	2	
Wellington.....	1		<b>Montana:</b>		
Winchester.....	(a)		Helena.....	9	
<b>Indiana:</b>			<b>Nebraska:</b>		
Auburn.....	(a)		Valentine.....	(a)	
Bloomington.....	4		<b>New Hampshire:</b>		
Evansville.....	(a)	0.0	Chatham.....	12	
Indianapolis.....	5		Durham.....	14	
Jeffersonville.....	(a)		Hanover.....	7	
Laporte.....	(a)		Keene.....	12	
Marion.....	3		<b>New York:</b>		
Rockville.....	2		Atlanta.....	(a)	
Syracuse.....	(a)		Albany.....	4	3.0
<b>Iowa:</b>			Binghamton.....	1	
Carroll.....	(a)		Catskill.....	2	
Charles City.....	2		Cooperstown.....	1	
Des Moines.....	(a)		Cortland.....	2	
Estherville.....	1		Franklinville.....	(a)	
Forest City.....	1		Lake Placid.....	(a)	
Iowa City.....	(a)		Oswego.....		1.0
Sioux City.....	(a)	0.0	Plattsburg.....	(a)	
Storm Lake.....	(a)		Port Jervis.....	4	
<b>Kentucky:</b>			Poughkeepsie.....	2	
Louisville.....	(a)	0.0	Saranac Lake.....	(a)	
<b>Maine:</b>			Saratoga.....	3	
Bangor.....	11	9.0	<b>North Dakota:</b>		
Buckfield.....	15		Bismarck.....	5	0.0
Eastport.....	4	0.0	Pembina.....	2	
Fairfield.....	13		Williston.....	4	9.5
Gardiner.....	7	4.0	<b>Ohio:</b>		
Lewiston.....	10	11.0	Cincinnati.....	(a)	0.0
Portland.....	8	0.0	Greenville.....	4	
<b>Massachusetts:</b>			Sandusky.....	2	0.0
Adams.....	8		Toledo.....	2	0.0
Boston.....	2	0.0	Van Wert.....	5	
Concord.....	5		<b>Oklahoma:</b>		
Fitchburg.....	9		Oklahoma.....	(a)	
Mansfield.....	2		<b>Pennsylvania:</b>		
<b>Michigan:</b>			Seranton.....	2	
Alpena.....	4	0.0	<b>Rhode Island:</b>		
Big Rapids.....	(a)		Providence.....	(a)	
Detroit.....	1	0.0	<b>South Dakota:</b>		
Escanaba.....	(a)	0.0	Huron.....	(a)	
Hillsdale.....	(a)		Pierre.....	(a)	
Houghton.....	3	2.5	Rapid City.....	(a)	
Iron Mountain.....	2		Yankton.....	1	
Mackinaw.....	2		<b>Texas:</b>		
Mancelona.....	4		Abilene.....	(a)	
Marquette.....	15	0.0	<b>Vermont:</b>		
Port Huron.....	1	0.0	Brattleboro.....	10	2.5
Sault Ste. Marie.....	2	0.0	Northfield.....	2	
Sidnaw.....	4		<b>Wisconsin:</b>		
Wetmore.....	10		Ashland.....	4	4.0
<b>Minnesota:</b>			Bayfield.....	2	
Albert Lea.....	2		Eau Claire.....	6	
Clear Water.....	3		Green Bay.....	(a)	0.0
Crookston.....	4		La Crosse.....	1	0.0
Duluth.....	4	6.0	Medford.....	5	
Evansville.....	2		Menasha.....	1	
Farmington.....	2		Portage.....	(a)	
Mapleplain.....	4		Prairie du Chien.....	(a)	
Moorhead.....	12	10.0	Prentice.....	5	
Northfield.....	2		Washburn.....	5	2.0
Owatonna.....	5		<b>Wyoming:</b>		
St. Cloud.....	3		Cheyenne.....	1	
St. Paul.....	1	5.0	Lander.....	3	

a Indicates trace.



## FOREIGN AND INSULAR.

### CHINA.

#### *Reports from Hongkong.*

HONGKONG, CHINA, *October 30, 1901.*

SIR: I have the honor to transmit herewith an abstract of the bills of health issued at this station during the week ended October 26, 1901. I also transmit, under same cover, an abstract of the mortality statistics of the colony of Hongkong for the months of August and September, 1901. Seven vessels were inspected during the week, 225 individuals were bathed at the disinfecting station, and 268 bundles of clothing and bedding were disinfected by steam.

There were 3 rejections during the week because of fever. There were no cases of communicable diseases reported in the colony during the week. One case of enteric fever was imported into the colony during the week.

Respectfully,

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

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

HONGKONG, CHINA, *November 5, 1901.*

SIR: I have the honor to transmit herewith the abstract of bills of health issued at this station for the week ended November 2, 1901.

Nine vessels were inspected during the week, 545 individuals were bathed at the disinfecting station, and 783 bundles of clothing and bedding were disinfected by steam. There were 4 rejections during the week because of fever. One case of plague and 1 death were reported; also 2 cases of enteric fever. Otherwise there were no communicable diseases reported in the colony during the week.

Respectfully,

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

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

### CUBA.

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

CIENFUEGOS, CUBA, *December 2, 1901.*

SIR: Through the chief quarantine officer for the island of Cuba, I have the honor to transmit the following report for the district under my command for the week ended November 30, 1901:

Eighteen deaths occurred in this city; of these 7 occurred in the civil hospital. No contagious diseases reported. Following are causes of death: Tuberculosis, 4; paludism, 2; myelitis, 2; bronchitis, 1; wounds, 1; dysentery, 1; rachitis, 1; abscess (hepatic), 1; cirrhosis of the liver, 1; insufficiency (mitral), 1; pernicious fever, 1; sclerosis (arterial), 1; gastro-enteritis, 1. Death rate per 1,000 inhabitants, 23.46.

Seven vessels inspected and passed, granted pratique; 3 vessels admitted without inspection; 15 bills of health issued to vessels leaving Cienfuegos; no alien steerage passengers landed at this port.

*Casilda.*—Acting Asst. Surg. Alejandro Cantero reports 3 deaths in the city of Trinidad. No contagious diseases reported; 11 vessels were inspected and passed granted pratique; 13 bills of health were issued vessels leaving the port of Casilda; no alien steerage passengers were landed at that port.

*Santa Cruz del Sur.*—Acting Asst. Surg. Pedro M. Quevedo reports no deaths at that port during week ended November 23; 11 vessels were inspected and passed, granted pratique; 9 bills of health issued vessels leaving that port; no alien steerage passengers landed at that port.

Recapitulation of the weekly reports of this station and substations during the month of November, 1901: Sixty deaths occurred in this city, of these 16 occurred in the civil hospital; 50 vessels inspected and passed, granted pratique; 29 vessels admitted without inspection; 1,628 members of crews inspected and passed; 592 passengers inspected and passed; 79 bills of health issued vessels leaving Cienfuegos; 2 cases diptheria reported during month—these are now convalescent. No other contagious diseases reported during this period.

*Casilda.*—Acting Asst. Surg. A. Cantero reports 14 deaths in city of Trinidad during month; no contagious diseases reported; 44 vessels were inspected and passed, granted pratique; 44 bills of health were issued vessels leaving Casilda; no alien steerage passengers landed at that port.

*Santa Cruz del Sur.*—Acting Asst. Surg. P. M. Quevedo reports 2 deaths at that port during the month; no contagious diseases reported; 21 vessels were inspected and passed, granted pratique; 19 bills of health were issued vessels leaving that port; no alien steerage passengers landed at that port.

Respectfully,

E. F. NUNEZ,

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

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

*Inspection of immigrants at Cienfuegos during the week ended November 23, 1901.*

CIENFUEGOS, CUBA, *November 25, 1901.*

SIR: I herewith submit report of alien steerage passengers at this port during the week ended November 23, 1901. November 23, steamship *José Gallart*, from Barcelona, West Indies, with 12 immigrants.

Respectfully,

E. F. NUNEZ,

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

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

*Report of immigrants inspected at the port of Cienfuegos, Cuba, during the month of November, 1901.*

Total number of immigrants inspected, 38; number passed, 38.

E. F. NUNEZ,

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

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

*Report from Havana—A death from yellow fever from steamship Buenos Aires.*

HAVANA, CUBA, *December 8, 1901.*

SIR: I have the honor to submit the following report of the transactions of the first quarantine district for the week ended November 30, 1901:

The city continues free from yellow fever, no cases having been reported for the month of November.

On November 20 the chief engineer of the British steamship *Ardanmohr*, who had been sick three days, was removed to a hospital in the city, his case being diagnosed as yellow fever. The vessel was sent to sea to be made mechanically clean and was afterwards disinfected by steamer *Sanator*. The history of the vessel is as follows: Sailed from Cienfuegos, Cuba, October 31, for Cartagena, Colombia, and after loading cattle departed for Havana on November 9, arriving at this port on November 14. The chief engineer was ashore on November 16, and complained of feeling unwell the following day.

On the 29th ultimo the Spanish steamship *Buenos Aires* arrived at this port from Vera Cruz, and on inspection a third-class passenger was found with symptoms suggestive of yellow fever; patient was removed to Las Animas Hospital, where diagnosis of yellow fever was confirmed. This case terminated fatally on the 1st instant. The ship's bay was disinfected prior to departure of vessel for New York.

*Batabano*.—Acting Asst. Surg. José M. Campos reports having inspected 3 vessels on arrival and issued 3 bills of health during the week.

I inclose the mortuary and other statistics for the week.

By direction of the chief quarantine officer.

Respectfully,

F. E. TROTTER,  
*Assistant Surgeon, U. S. M. H. S.,  
Executive Officer.*

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

[Inclosure.]

*Summary of transactions at Havana for the week ended November 30, 1901.*

PASSENGER DEPARTMENT.

Number of passengers inspected.....	346
Number of passengers vaccinated.....	7
Total .....	353

OUTDOOR DEPARTMENT.

Crews of incoming vessels inspected .....	766
Crews of outgoing vessels inspected.....	836
Number of passengers of incoming vessels inspected.....	548
Number of passengers of outgoing vessels inspected.....	529
Total .....	2, 679
Number of immigrants inspected and passed.....	290
Number of immigrants recommended for further investigation .....	9
Total number of immigrants inspected.....	299
Number of vaccination certificates issued.....	6
Number of persons vaccinated .....	0

SHORE-DISINFECTING PLANT.

Baggage disinfected .....	32
Baggage inspected and passed .....	205
Express inspected and passed.....	44
Freight inspected and passed.....	1,335
<b>Total number of pieces handled .....</b>	<b>1,616</b>

DISINFECTING STEAMER SANATOR.

Cargo vessels disinfected.....	1
Ship's hospital disinfected.....	1
Number of pieces of baggage disinfected.....	114
Number of members of crews inspected .....	29

MORTUARY STATISTICS.

Tuberculosis .....	16	Malarial fever.....	4
Enteritis .....	6	Pernicious fever.....	2
Pneumonia .....	1	Total number of deaths from all causes..	108
La Grippe.....	1		

[Cablegram.]

*A case of smallpox on steamship Alfonso XIII at Havana.*

HAVANA, CUBA, December 4, 1901.

Steamship Alfonso XIII from Spanish ports arrived December 3 with case of smallpox in steerage. Approximately 600 steerage sent to Mariel to-day for observation. McConnell and Tenalbas sent to manage station.

TROTTER.

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

*Inspection of immigrants at Havana for the week ended November 30, 1901.*

HAVANA, CUBA, November 30, 1901.

SIR: I herewith submit report of alien steerage passengers arriving at this port during the week ended November 30, 1901.

Date.	Vessel.	Where from.	No. of immigrants.
Nov. 25	Steamship Havana.....	New York .....	25
Do.....	Steamship Seneca.....	Tampico .....	1
Do.....	Steamship Monterey.....	Vera Cruz .....	14
Nov. 26	Steamship Miami .....	Key West.....	3
Nov. 27	Steamship Morro Castle.....	New York .....	21
Nov. 28	Steamship Miami .....	Key West.....	2
Do.....	Steamship Saturnina .....	Liverpool.....	2
Nov. 29	Steamship Buenos Aires.....	Vera Cruz .....	7
Nov. 30	Steamship Miami .....	Key West.....	1
Do.....	Steamship Martin Saenz.....	Genova, Spain .....	214
	<b>Total .....</b>		<b>290</b>

Respectfully,

F. E. TROTTER,  
Assistant Surgeon, U. S. M. H. S.,  
In Temporary Charge.

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

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

MATANZAS, CUBA, December 3, 1901.

SIR: Through the chief quarantine officer for the island of Cuba, I have the honor to submit herewith the following sanitary report of the quarantine district under my command for the week ended November 30, 1901:

*Matanzas.*—Fifteen deaths occurred in the city of Matanzas during the period covered by this report, showing a mortality of 17.28 per 1,000. The principal causes of death were as follows: Tuberculosis, 4; lack of development, 2; cerebral hemorrhage, 1; diphtheria, 1; pneumonia, 1; enteritis, 1; heart disease, 1; nephritis, acute, 1; other causes, 3. The following cases of infectious or contagious character were reported: Diphtheria, 1; typhoid fever, 1. Three vessels were inspected and passed on arrival and 1 was passed without inspection. Five bills of health were issued to vessels leaving this port.

*Cardenas.*—Acting Asst. Surg. Enrique Saez reports that 8 deaths occurred in Cardenas during the week, of the following causes: Tuberculosis, 2; typhoid fever, 1; heart disease, 1; nephritis, 1; cancer, 1; other causes, 2. No case of infectious or contagious character was reported. The death rate during the week was 16.80 per 1,000. Eleven vessels arrived during the week; 2 of these were inspected and passed and 9 passed without inspection. Twelve bills of health were issued to vessels leaving the port.

*Isabela de Sagua.*—Acting Asst. Surg. Pedro Garcia Riera reports that during the week ended November 23, 1901, 7 deaths occurred in the municipal district of Sagua of the following causes: Tuberculosis, 2; meningitis, 1; heart disease, 1; general debility in children, 1; other causes, 2. No case of infectious or contagious character was reported. The death rate was 17.11 per 1,000. For the week ended November 30, he reports that 10 vessels arrived; 1 of these was inspected and passed and 9 passed without inspection. Thirteen bills of health were issued to vessels leaving the port. No sanitary report has been received for the week.

*Caibarien.*—Acting Asst. Surg. Leoncio Junco reports that 3 deaths occurred in Caibarien, of the following causes: Lack of development, 1; gastro-enteritis, 1; unknown, 1. No case of infectious or contagious character was reported. The death rate was 18.10 per 1,000. Ten vessels arrived during the week; 1 of these was inspected and passed and 9 passed without inspection. Nine bills of health were issued to vessels leaving the port.

Respectfully,

G. M. GUITÉRAS,

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

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.**Reports from Nuevitas, Baracoa, Puerto Padre, and Gibara.*

NUEVITAS, CUBA, November 30, 1901.

SIR: Through the chief quarantine officer for the island of Cuba, I have the honor to submit the following report for the week ended November 30, 1901: Seven vessels arrived at this port and 5 bills of health were issued. There was 1 death from pulmonary tuberculosis reported. The weather is cool and rain has been frequent. The sanitary condition is good.

*Puerto Padre.*—Report shows the arrival of 3 vessels, the issuance of

3 bills of health, 1 death from pernicious fever, and good sanitary condition.

*Gibara*.—Report shows the arrival of 11 vessels, the issuance of 6 bills of health, 1 accidental death, and good sanitary condition.

No quarantinable disease reported at any point in the district.

Respectfully,

OWEN W. STONE,

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

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

*Reports from Santiago, Manzanillo, Guantanamo, and Daiquiri.*

SANTIAGO DE CUBA, *November 16, 1901.*

SIR: Through the chief quarantine officer for the island of Cuba, I have the honor to submit herewith the following report for the week ended November 9, 1901:

*Santiago*.—There was a total of 24 deaths reported during this period, making the annual rate of mortality 28.02 per 1,000 for the week. The causes of death were the following: Typhoid fever, 1; fever, intermittent malarial, 1; diphtheria, 1; tubercle of lungs, 4; other tuberculous affections, 1; tetanus, 2; organic disease of the heart, 1; bronchitis, 1; diarrhea and enteritis (under 2 years), 1; diarrhea and enteritis (2 years and over), 1; nephritis, acute, 2; Bright's disease, 2; septicæmia, puerperal, 1; unspecified or ill-defined causes of death, 5. Total, 24. During the same week 8 vessels were inspected and passed on arrival, 3 vessels were passed without inspection, and 1 vessel was boarded and passed. Nine bills of health were issued to vessels leaving this port.

*Manzanillo*.—Acting Asst. Surg. R. de Socarras reports 3 deaths, making the annual rate mortality 10.78 per 1,000 for the week. The causes of death were as follows: Purulent and septicæmic infection, 1; broncho-pneumonia, 1; diarrhea and enteritis (under 2 years), 1. Total, 3. During the same week 6 vessels were inspected and passed on arrival and 8 vessels, leaving port, received bills of health.

*Guantanamo*.—Acting Asst. Surg. Luis Espin reports 6 deaths, making the annual rate mortality 17.33 per 1,000 for the week. The following were the causes of death: Fever, intermittent malarial, 1; meningitis, 1; pneumonia, 1; diarrhea and enteritis, chronic, 1; puerperal eclampsia, 1; affections of the bones (nontuberculous), 1. Total, 6. During the same week 1 vessel was inspected and passed on arrival, 2 vessels were passed without inspection, and 2 vessels received bills of health prior to sailing.

*Daiquiri*.—No deaths reported. One vessel inspected and passed and 1 bill of health issued during the week.

Respectfully,

R. H. VON EZDORF,

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

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

SANTIAGO DE CUBA, *November 23, 1901.*

SIR: Through the chief quarantine officer for the island of Cuba, I have the honor to submit herewith the following report for the week ended November 16, 1901:

*Santiago*.—During this period there was a total of 17 deaths reported, making the annual rate mortality for the week 20.5 per 1,000. The causes of death were the following: Fever, intermittent malarial, 3;

tubercle of lungs, 1; syphilis, 1; tetanus, 1; organic diseases of the heart 3; bronchitis, 1; affections of the stomach, 1; cirrhosis of the liver, 1; nephritis, acute, 1; senile debility, 1; unspecified or ill-defined causes of death, 3. Total, 17. During the same week 2 vessels were inspected and passed on arrival, 6 vessels were passed without inspection, and 8 vessels received bills of health prior to sailing.

On November 15, 1901, the provisional flag steamship *Julia* was disinfected prior to sailing for Porto Rico. Two immune and 68 nonimmune certificates were issued to passengers and 63 pieces of baggage disinfected by steam.

*Manzanillo*.—Acting Asst. Surg. R. de Socarras reports 5 deaths, due to the following causes: Fever, intermittent malarial, 2; tubercle of lungs, 2; diarrhea and enteritis, chronic, 1. Total, 5. Annual rate mortality for the week, 18.05 per 1,000. During the week 5 vessels were inspected and passed on arrival and 3 vessels, leaving port, received bills of health.

*Guantanamo*.—Acting Asst. Surg. Luis Espin reports 8 deaths during the week, due to the following causes: Fever, intermittent malarial, 2; tetanus, 1; organic diseases of the heart, 3; pneumonia, 1; diarrhea and enteritis (2 years and over), 1. Total, 8. Annual rate mortality for the week, 23.11 per 1,000. During the week 2 vessels were inspected and passed on arrival, 3 vessels were passed without inspection, and 2 vessels received bills of health prior to sailing.

*Daiquiri*.—Acting Asst. Surg. Juan J. de Jongh reports that no deaths have occurred during the week. Four vessels were inspected and passed on arrival and 3 bills of health were issued to vessels leaving port.

Respectfully,

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

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

SANTIAGO DE CUBA, *November 29, 1901.*

SIR: Through the chief quarantine officer for the island of Cuba, I have the honor to submit the following report for the week ended November 23, 1901:

*Santiago*.—During this period there was a total of 21 deaths reported, making the annual rate mortality for the week 25.39 per 1,000. The causes of death are reported as follows: Fever, intermittent malarial, 1; la grippe, 1; purulent infection and septicæmia, 1; tubercle of lungs, 2; cancer of the female genitals, 1; cerebral congestion and hemorrhage, 1; affections of the arteries (atheroma), 1; pneumonia, 1; hæmoptysis, 1; diarrhea and enteritis (under 2 years), 1; intestinal obstruction, 1; nephritis, acute, 1; hemorrhage, puerperal, 1; senile debility, 1; acute poisoning, 1; unspecified or ill-defined causes of death, 5. Total, 21. During the same week 9 vessels were inspected and passed on arrival, 3 vessels were passed without inspection, and 6 vessels received bills of health prior to leaving port.

*Manzanillo*.—Acting Asst. Surg. R. de Socarras reports 3 deaths, due to the following causes: Fever, intermittent malarial, 1; tubercle of lungs, 1; Bright's disease, 1. Total, 3. Annual rate mortality for the week, 1.78 per 1,000. During the week 8 vessels were inspected and passed on arrival and 11 bills of health were issued to vessels leaving port.

*Guantanamo*.—Acting Asst. Surg. Luis Espin reports 6 deaths, due

to the following causes: Fever, intermittent malarial, 3; tubercle of lungs, 1; diarrhea and enteritis (2 years and over), 1; cirrhosis of the liver, 1. Total, 6. Annual rate mortality for the week, 17.33 per 1,000. During the week 2 vessels were inspected and passed on arrival, 5 vessels were passed without inspection, and 3 vessels received bills of health prior to sailing.

*Daiquiri*.—Acting Asst. Surg. Juan J. de Jongh reports that no deaths have occurred during the week. One vessel was inspected and passed on arrival and 2 vessels received bills of health.

Respectfully,

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

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

*Inspection of immigrants at Santiago de Cuba during the week ended November 9, 1901.*

SANTIAGO DE CUBA, *November 9, 1901.*

SIR: I herewith submit report of alien steerage passengers at this port during the week ended November 9, 1901: November 3, Spanish steamship *Madrideno*, from Spanish ports, with 38 immigrants. November 6, provisional flag steamship *Maria Herrera*, from San Juan, P. R., and Santo Domingo, with 3 immigrants. November 9, provisional flag steamship *Tomas Brooks*, from Kingston, Jamaica, with 32 immigrants.

Respectfully,

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

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

*Inspection of immigrants at Santiago de Cuba during the week ended November 23, 1901.*

SANTIAGO DE CUBA, *November 23, 1901.*

SIR: I herewith submit report of alien steerage passengers at this port during the week ended November 23, 1901: November 20, provisional flag steamship *Tomas Brooks*, from Kingston, Jamaica, with 15 immigrants. November 21, Spanish steamship *José Gallart*, from Barcelona and Spanish ports, with 443 immigrants; Haitien schooner *Anna*, from Gonaives, Haiti, with 14 immigrants.

Respectfully,

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

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

*Inspection of immigrants at Guantanamo during the week ended November 23, 1901.*

GUANTANAMO, CUBA, *November 23, 1901.*

SIR: I herewith submit report of alien steerage passengers at this port during the week ended November 23, 1901: November 19, Spanish steamship *José Gallart*, from Barcelona, Spain, with 1 immigrant.

Respectfully,

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

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



*Report of immigrants inspected at the port of Guantanamo, Cuba, during the month of October, 1901.*

Total number of immigrants inspected, 4 ; number passed, 4.

LUIS ESPIN,

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

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

ENGLAND.

*Report from Liverpool—The recent cases of plague.*

LIVERPOOL, ENGLAND, *November 26, 1901.*

SIR: I have the honor to confirm my cablegram of November 25 as follows:

“*Wyman, Washington*: Liverpool declared free plague November 18. Prospects very good. Recommend await further developments.—ANDERSON.”

I called on the medical officer of health for Liverpool and was given by him all the facts in regard to the recent outbreak of plague, which have been fully reported to the Bureau by Passed Assistant Surgeon Thomas in his letters of November 7, 9, 13, and 19. The last cases were discharged from the hospital on November 8, and sent to the convalescent hospital for further observation. The last case reported was on October 26; since when, although a strict house-to-house inspection embracing the entire neighborhood and repeated at regular intervals has been made, no further cases have been found, and only 1 suspicious case, which was soon decided not to be plague. The persons exposed were placed under observation; some few of them were sent to the observation hospital. The premises were thoroughly disinfected; the greater part of the clothing and textile household goods burnt; the ashpits cleaned out and flushed; and sewers flooded with bichloride solution; the yards soaked with the same solution.

The infected houses were not provided with floors of wood but were tiled, and though search was made no rat runs were found, a most encouraging feature, but one more is that no infected rats have been found in the city. An unusual feature of the outbreak is the social respectability of the families attacked, some of them being employed by well-known millinery firms, and in the case of children the parents were in reasonably comfortable circumstances. All of the cases were entirely disassociated from the squalor and filth with which plague is usually seen.

The infected area is about 3 miles from the shipping and situated on comparatively high ground.

Up to the 18th, on which date the city was declared free from the plague, in addition to the usual board of trade medical examination of outgoing ships, the city authorities supplemented this with 2 doctors for each passenger steamer; these last examined the glandular regions of crew and steerage and held all cases of sickness for further observation. A certificate in regard to this examination was furnished each vessel examined. In the case of freight steamers, all that desired this special inspection were given it, and many, I understand, availed themselves of it. It certainly appears that every effort was made by all concerned to protect the shipping.

In regard to the probabilities of its continuance and spread and the danger of its transmission to the United States, I can only say that in my opinion, the chances are small for its recurrence, especially as no infected rats have been found, though numbers are being caught and examined each week; this examination is done at the Thompson-Yates Laboratory. The danger of its transmission to the United States if it recurs, and is confined to the same neighborhood in which it has appeared, is small, as it is so far removed from all connection with the shipping; the danger at present is infinitesimal.

In view of the above statements it would be a most unfair discrimination to put on an inspection, as well as being useless, and I respectfully recommend that we await further developments, and if no other cases occur and no infected rats are found by January 18, when sixty days will have elapsed since the port was declared free, that the officer be recalled.

I have made arrangements to do some work in the Thompson-Yates laboratory, and as the rats are examined there I shall know at once if anything turns up.

\* \* \* \* \*

An antispitting crusade has begun; all street cars are now disinfected each night; all railway coaches used by emigrants via Liverpool are disinfected after usage; the emigrant boarding-house keepers have been admonished to be more careful in regard to sanitary affairs in their houses. I have no hesitation in saying that the sanitary condition of Liverpool at the present time is better than it ever was before, and for this reason alone the present outbreak, if it does not recur, has done a great deal of good.

The health of the city is as usual.

Respectfully,

JOHN F. ANDERSON,  
*Assistant Surgeon, U. S. M. H. S.*

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

#### GERMANY.

#### *Report from Berlin—Plague and cholera reports.*

BERLIN, GERMANY, *November 25, 1901.*

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

#### *Plague.*

RUSSIA.—In Odessa, according to a communication dated November 10, 2 plague cases with fatal results have occurred among the resident population.

TURKEY.—On November 4 a new case of plague occurred in Constantinople. The patient, an 18-year-old Albanese, had been working in Sarijeri (near Bujukdere) and was ill for six days without the doctor in charge of the case being able to recognize the nature of the disease. On November 4 he was taken to the Greek hospital in Jedikule, where the disease was immediately designated as plague. The diagnosis was confirmed by the inspectors of quarantine.

On November 5 a fatal case of plague was registered in the village of Jakadjik.

EGYPT.—During the period from November 1 to November 8, 4 plague cases (3 deaths) were recorded, of which 2 cases (1 death) occurred in Alexandria, 1 case (1 death) in Mit Gamr, 1 case (1 death) in Ziftah.

On November 2, the English steamship *Glengyle*, from Shanghai, via Amoy, Hongkong, Singapore, arrived in Suez; by the medical inspection 2 suspected plague cases were discovered, the disease having apparently been contracted in Hongkong.

BRITISH INDIA.—During the week ended October 18, 10,500 plague cases (7,538 deaths) were registered in the Bombay Presidency—that is to say, 286 cases less than during the previous week. In the city of Bombay, during the week ended October 19, 158 plague cases and 193 deaths were recorded. A further 13<sup>1</sup> deaths were described as suspected plague, and 505 deaths occurred from other causes.

CAPE COLONY.—During the period from October 13 to October 19, 3 plague cases and 2 deaths were notified to the authorities. At the end of the week there were still 20 patients under treatment, among them being 4 Europeans.

BRAZIL.—Between September 27 and October 15, in Rio de Janeiro, 59 cases of plague were recorded. In Campos, according to a communication dated October 22, the plague has been raging with great violence for several weeks past.

*Plague and cholera.*

BRITISH INDIA.—In Calcutta during the period from October 6 to October 12, 20 deaths of cholera were registered. During the same period there occurred 13 plague cases and 12 deaths.

Respectfully,

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

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

HAWAIIAN ISLANDS.

*Quarantine transactions on outgoing vessels at Honolulu.*

HONOLULU, H. I., November 25, 1901.

SIR: I have the honor to report the following outgoing quarantine transactions at this station for the week ended November 23, 1901: Number of steam vessels inspected and passed, 2; number of sailing vessels inspected and passed, 10; number of sailing vessels disinfected, 5; number of passengers (cabin) inspected and passed, 75; number of steerage passengers inspected and passed, none; number of crew inspected and passed, 125; number of pieces of baggage disinfected, 102.

Respectfully,

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

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

*Influenza and dysentery in the Hawaiian Islands during October, 1901.*

HONOLULU, H. I., November 25, 1901.

SIR: I have the honor to make the following report on the number of cases of influenza and dysentery in the Hawaiian Islands for the

month of October, this information having been furnished by Dr. J. S. B. Pratt, of the territorial board of health :

*Island of Oahu.*—Dysentery, 5; influenza, 7.

*Island of Kauai.*—Dysentery, 2; influenza, 17.

*Island of Maui.*—Dysentery, 28; influenza, 24.

*Island of Hawaii.*—Dysentery, 49; influenza, 62.

Respectfully,

L. E. COFER,  
Passed Assistant Surgeon, U. S. M. H. S.,  
Chief Quarantine Officer, Hawaiian Islands.

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

#### ITALY.

*Report from Naples—Condition of smallpox—Reports of plague in Russia.*

NAPLES, ITALY, November 25, 1901.

SIR: I have the honor to report that for the week ended November 23, 1901, the following ships were inspected :

November 19, the steamship *Neustria*, of the Fabre Line, bound with passengers and cargo for New York. There were inspected and passed 516 steerage passengers and 96 pieces of large baggage. Seven hundred and eighty pieces of baggage were disinfected by steam.

November 20, the steamship *Sicilia*, of the Italian General Navigation Company, bound with passengers and cargo for New York. There were inspected and passed 1,171 steerage passengers and 511 pieces of large baggage. One thousand five hundred and seventeen pieces of baggage were disinfected by steam.

November 21, the steamship *Aller*, of the North German Lloyd Steamship Company, bound with passengers and cargo for New York. There were inspected and passed 502 steerage passengers and 110 pieces of large baggage. Five hundred and eighty-one pieces of baggage were disinfected by steam.

November 23, the British steamship *Glengoil*, bound with cargo for Boston.

#### *Smallpox at Naples.*

During the week ended November 23, 1901, there were 25 cases of smallpox at Naples with 6 deaths.

#### *Plague in Russia.*

Official reports from the Italian minister of state announce that cases of plague have appeared at Odessa, Russia. During the fortnight ended November 16, 1901, there were 2 suspicious cases of illness at Odessa, both ending fatally. The Russian imperial plague commission has appointed experts to investigate the matter.

The outbreak of plague at Batum, Russia, is reported to have ended.

#### *Plague in Australia.*

Reports to the Italian minister of state announce that it is officially recognized that plague has ceased on the Australian continent, except in Queensland.

Respectfully,

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

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

## JAPAN.

*Report from Yokohama.*YOKOHAMA, JAPAN, *November 9, 1901.*

SIR: I have the honor to notify you that, since the report from this office dated November 2, no case of plague, undoubted cholera, or epidemic occurrence of smallpox has been met with in Japan, proper.

Respectfully,

K. ROKKAKU,

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

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

## MEXICO.

*Concerning the reported epidemic of yellow fever in Yucatan.*PROGRESO, MEXICO, *November 15, 1901.*

SIR: In the PUBLIC HEALTH REPORTS U. S. Marine-Hospital Service, dated October 25, No. 43, under the heading "Yellow fever in Yucatan," I find the statements copies of which are herewith inclosed.

As these statements, although undoubtedly made in good faith, are misleading and may thus do injury in various ways, I consider it my duty to state that the yellow fever is not considered to be epidemic in Yucatan. There is certainly a larger number of cases than is usual during these same months in previous years, but this is principally owing to the fact that the various large undertakings now in process have called to Yucatan an unusually large number of strangers, most of whom are of the class proverbially careless as to habits and precautions against any disease.

That the yellow fever was not prevailing among the Yucatan Indians and was not contracted from them by the Mexican troops sent to fight them. The troops operating against the "Sublevados" or rebel Indians of Yucatan were mostly recruited among the inhabitants of the high cool table lands of Mexico.

Consequently coming down into this low hot country the various diseases contracted by them in their native land and in transit have naturally propagated with increased vigor.

The diseases that are causing trouble among the Mexican troops on the frontier are those of malarial or paludic origin. Yellow fever, smallpox, typhoid fever, and dysentery have all had their victims among the Mexican troops but all these diseases together have not caused so much actual mortality and sickness as "El Paludismo" malaria owing in part to the opening up of the virgin soil during the military development of the region.

Respectfully,

EDWARD H. THOMPSON,

*United States Consul.*

Hon. ASSISTANT SECRETARY OF STATE.

*Reports from Progreso.*PROGRESO, MEXICO, *November 16, 1901.*

SIR: For the week ended November 16, I have the honor to make the following report:

Five deaths from all causes were reported during the week, none being from contagious disease.

In Merida 3 deaths were reported from yellow fever, and 1 case of smallpox developed in the general hospital. Yellow fever is reported in many of the villages in the interior and is epidemic in Valladolid.

Having been notified that quarantine against infected Mexican ports has been raised by the Havana authorities, I have stopped issuing health certificates to that port. All passengers are inspected as usual before embarking.

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

PROGRESO, MEXICO, *November 24, 1901.*

SIR: I have the honor to make the following report for the week ended November 23 :

From all causes there were 6 deaths, none being from any contagious disease. No cases of any contagious diseases were reported.

Dr. Del Rio, surgeon of the Mexican army, who has been with the troops in the interior of Yucatan, reports that the prevalent fever among the troops is a form of pernicious malaria and is not yellow fever as is generally reported. Many of these cases of pernicious malarial fever are being brought here to Progreso.

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

*Report from Vera Cruz.*

VERA CRUZ, MEXICO, *December 1, 1901.*

SIR: I have the honor to report the following transactions at this port for the week ended November 30, 1901 : Vessels cleared for United States ports, 9 ; crew inspected, 374 ; passengers inspected, 192 ; vaccine certificates issued, 60.

In spite of the cool weather yellow fever is increasing again, 20 cases and 8 deaths this week.

I inclose weekly abstracts of bills of health.

Respectfully,  
FELIX GIRALT,  
*Acting Assistant Surgeon, U. S. M. H. S.,*  
*In Temporary Charge.*  
The SURGEON-GENERAL,  
*U. S. Marine-Hospital Service.*

[Inclosure.]

*Mortality report for the week ended November 30, 1901.*

Yellow fever .....	8	Enterocolitis .....	1
Tuberculosis.....	2	Pneumonia.....	1
Pernicious malaria .....	2	Deaths from other causes.....	18
Remittent fever.....	6		
Gastro-enteritis.....	2	Total .....	40

## NEW BRUNSWICK.

*Inspection of immigrants at St. John for the week ended November 30, 1901.*

ST. JOHN, NEW BRUNSWICK, *December 2, 1901.*

SIR: I have the honor to report that for the week ended November 30 there were inspected 343 immigrants; passed, 334; detained, 9.

There were no transactions at the port of St. John.

Respectfully,

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

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

## PORTO RICO.

*Reports from Ponce.*

PONCE, P. R., *November 25, 1901.*

SIR: Through the chief quarantine officer for Porto Rico, I have the honor to transmit herewith the regular quarantine and abstract of bills of health reports for the week ended November 23, 1901.

Three vessels were inspected and passed and 3 were held in quarantine. Five bills of health were issued. The vessels held in quarantine were as follows: On November 17, the Spanish steamship *Cataluna*, arrived from Havana, Port Limon, Colon, Sabanilla, Puerto Cabello, and La Guayra; no passengers nor cargo for this port; took cargo in quarantine, sailing on the day following. On November 17 also arrived the French steamship *St. Domingue*, from Port au Prince, San Marc, Jeremie, Les Cayes, Jacmel, Santo Domingo, and Mayaguez. Passengers were allowed to disembark after disinfection of their baggage; 13 pieces and 1 sack of mail were disinfected. On November 18 the provisional flag steamship *Julia* arrived from Havana, Nuevitas, Gibara, Baracoa, Santiago, Santo Domingo, and Macoris. All immune passengers for Ponce were allowed to land, nonimmunes being detained on board to undergo detention in San Juan. Passengers from Santo Domingo were allowed to land after disinfection of their baggage; 46 pieces and 2 sacks of mail were disinfected, and 70 pieces from Cuba were inspected and 4 from Havana were disinfected.

Respectfully,

W. W. KING,  
*Assistant Surgeon, U. S. M. H. S.*

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

*Inspection of immigrants at Ponce for the week ended November 23, 1901.*

PONCE, P. R., *November 23, 1901.*

SIR: Through the chief quarantine officer for Porto Rico, I submit herewith report of alien steerage passengers arriving at this port during the week ended November 23, 1901: November 17, French steamship *St. Domingue*, from Port au Prince and Santo Domingo with 1 immigrant. November 19, provisional flag steamship *Julia*, from Havana and Santo Domingo with 3 immigrants. Total, 4.

Respectfully,

W. W. KING,  
*Assistant Surgeon, U. S. M. H. S.*

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

*Inspection of immigrants at San Juan during the week ended November 11, 1901.*

SAN JUAN, P. R., *November 11, 1901.*

SIR: I herewith submit report of arrivals of alien steerage passengers at this port during the week ended November 9, 1901:

November 4, steamship *St. Simon* from Havre and St. Thomas with 15 immigrants. November 6, steamship *Caracas* from La Guayra with 2 immigrants. November 7, steamship *Maria* from Liverpool and Corunna with 2 immigrants.

Respectfully,

FRED. V. MARTIN,  
*Commissioner.*

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

SAN JUAN, P. R., *November 18, 1901.*

SIR: I submit herewith report of alien steerage passengers arriving during the week ended November 16, 1901, at subports of Porto Rico: *Mayaguez*.—November 16, French steamship *St. Domingue*, Haitian ports and St. Domingo, with 2 immigrants.

*Other subports*.—No transactions.

Respectfully,

H. S. MATHEWSON,  
*Passed Assistant Surgeon, U. S. M. H. S.,*  
*Chief Quarantine Officer for Porto Rico.*

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

*Inspection of immigrants at San Juan during the week ended November 23, 1901.*

SAN JUAN, P. R., *November 25, 1901.*

SIR: I submit herewith report of alien steerage passengers arriving at this port during the week ended November 23, 1901.

Date.	Vessel.	Where from.	No. of immigrants.
Nov. 17	French steamship <i>St. Simon</i> .....	Gonaives, Petit Goave, Port au Prince, Cape Haitien.	2
Nov. 19	Provincial flag steamship <i>Julia</i> .....	Cuban and Dominican ports.....	3
Do.....	Spanish steamship <i>Cataluna</i> .....	Havana, Port Limon, Colon, Barranquilla, Puerto Cabello, La Guayra, and Ponce.	17
Nov. 20	American steamship <i>Philadelphia</i> ...	Puerto Cabello, Curaçao, and La Guayra...	4
	Total .....		26

Respectfully,

H. S. MATHEWSON,  
*Passed Assistant Surgeon, U. S. M. H. S.,*  
*Chief Quarantine Officer for Porto Rico.*

RUSSIA.

*A death from plague at Odessa.*

ODESSA, RUSSIA, *November 11, 1901.*

SIR: I have the honor to inform the Department that on Saturday, November 9, at 8 o'clock in the evening, I telegraphed as follows:

“HAY, SECRETARY STATE: *Washington*.—Plague.”



About 5 o'clock on Saturday a man died at one of the tea houses situated in the port. This man was a longshoreman and had been engaged in his ordinary work of loading and unloading ships. He died after a brief illness and an examination showed that it was a case of plague. Another case was found to exist in the same house and this man was a waiter employed at the place. A cordon of soldiers was placed around the house and all who were inside were compelled to remain there. There are no official particulars given as yet regarding these cases, but my authority was so entirely satisfactory to me that I could not take the responsibility of withholding the information from the Department pending the announcement from official sources. I may inform the Department that the origin of the disease is unknown, as no cases are reported among the steamers arriving here. It is not anticipated that the plague will assume an epidemic character, and I hope to be able to telegraph in a short time that it has ceased to exist at Odessa. I telegraphed the ambassador and I have also written him in regard to the existence of the plague here.

Respectfully,

THOS. E. HEENAN,  
*United States Consul.*

HON. ASSISTANT SECRETARY OF STATE.

*Further concerning the plague at Odessa.*

ST. PETERSBURG, RUSSIA, *November 20, 1901.*

SIR: I have the honor to inclose to you herewith for your information a copy of a note which I have received from the imperial Russian ministry for foreign affairs, announcing officially the occurrence at Odessa, during the month of October, of 2 cases of disease believed to be bubonic plague. It appears that these 2 cases are the only ones noted at Odessa by the medical authorities up to the present time. All necessary sanitary measures have been adopted by the Russian Government, and the imperial commission has issued a circular in that connection, a translated copy of which is hereto attached.

Respectfully,

CHARLEMAGNE TOWER,  
*Ambassador Extraordinary and Plenipotentiary.*

HON. SECRETARY OF STATE.

[Inclosure—Translation.]

MINISTRY FOR FOREIGN AFFAIRS, *November 17, 1901.*

During the second half of October, old style, 2 cases of disease have appeared at Odessa, which the physicians there have suspected to be the plague. These 2 cases have been fatal. It is now recognized by the bacteriologists that these were really cases of plague.

Since the death of the second person who was attacked—that is to say, since October 26 last (November 8), no fresh case has appeared.

In communicating this information in conformity with Chapter II of the convention of Venice, the imperial ministry for foreign affairs begs to add that all the necessary sanitary measures have been taken by the imperial Government.

Inclosed is a copy of the notice upon this subject which is published in the Official Messenger.

[Inclosure—Translation.]

*A circular issued by the imperial commission for combating bubonic plague.*

According to the report of Professor Vysokovitch, of the University of St. Vladimir, who has been sent to Odessa, both the fatal cases which occurred in that city and a notice of which was published by the Official Messenger, in its No. 241, have been recognized as bubonic plague.

In consequence of the discovery of these cases, on October 27 (November 9), the

acting prefect of the city of Odessa ordered that a cordon should be drawn around the houses in which these cases had occurred, and the houses were disinfected; all the inhabitants of the houses were placed under medical surveillance, and a complete series of sanitary measures have been taken in the city and its environs in order that this disease should not spread.

The imperial commission having examined in detail all the instructions issued by the medical sanitary board of the city of Odessa, as well as other information relating thereto, has decided, (1) that the measures taken in Odessa are systematic and sufficient; (2) to establish a medical examination of all vessels before they leave the port of Odessa as well as of those arriving at Odessa; (3) to establish a medical inspection of all passengers leaving Odessa by railway; (4) to oblige owners of passenger seagoing vessels upon internal waterways, which ply regularly between the ports of the Black Sea, to have a doctor on board, the certificate of the said doctor to be attested to by the governors or prefects of police of those ports or places where the vessels are registered; (5) temporarily, until further advice, to prohibit the export from Odessa of the following articles: (a) Linen, clothes, and dresses which have been in use, as well as bed linen and bed covering; (b) rags, including those pressed by hydraulic power and transported as goods packed in bales; (c) raw hides, dressed and undressed leather; (d) bones, claws, hoofs, horse-hair, wool, silk, and raw wool; (e) human hair, and (6) old sacks may be exported by land when accompanied by a certificate issued by the medical board of the prefect of the city of Odessa, setting forth that the sacks intended for export have been submitted to proper disinfection.

Governors and prefects of cities are to watch carefully that no old sacks shall leave the districts under their jurisdiction without the necessary certificate.

No fresh case of bubonic plague has made its appearance since the last fatal case which occurred on October 26 (November 8), 1901.

#### STRAITS SETTLEMENTS.

#### *Arrangements for the care of lepers.*

BERLIN, GERMANY, *November 27, 1901.*

SIR: I have the honor to transmit the following information regarding the arrangements made in the Straits Settlements for the care of persons affected with leprosy, obtained from the imperial health office at Berlin.

Respectfully,

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

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

---

“In exercise of the powers conferred by section 9 of the Straits Settlements Ordinance No. IV of 1900, the resident-general has been pleased to make the following rules:

“1. The orders and certificates to be used under the ordinance shall be, respectively, in the forms set forth in the schedule hereto subjoined.

“2. The asylum shall be employed for the detention and treatment of persons of Malay nationality only.

“3. The asylum shall be under the management and control of the State surgeon of Perak, assisted by such resident staff of apothecaries, dressers, and attendants as may from time to time be necessary.

“4. The district surgeon, Lower Perak, shall visit the asylum twice a month, or oftener when it may be necessary. He shall, with the approval of the State surgeon, make such rules for the internal management of the asylum as may be required for the guidance of the resident staff in their duties. He shall have entire administrative control over the resident staff of officers and servants, and shall superintend the treatment of patients.

"5. The district surgeon at Lower Perak shall make monthly reports to the resident-general with regard to the number of lepers in the asylum and their condition, and with regard to the requirements and conditions of the asylum, such reports to be forwarded through the State surgeon at Perak. He shall also forward to the State surgeon at Perak such departmental reports and returns as may be required of him.

"6. The asylum shall be visited by the State surgeon, at his periodical visits of inspection or at any other time, provided that he shall visit the asylum not less than once every six months.

"7. Lepers in the asylum may be visited by their relatives and friends at such times and under such conditions as the district surgeon, with the approval of the State surgeon, may appoint.

"8. Should the husbands or wives (not being themselves lepers) of lepers detained in the asylum elect to reside in the asylum with wife or husband, as the case may be, they may be permitted so to reside in the asylum, together with their children, excepting such as are of the age of seven years or upwards, and shall be maintained at the cost of the Governments of the federal Malay States on the following conditions:

"(a) Those persons and their children—subject to the provisions of subsection (d)—shall not be permitted to leave the asylum until the death or recovery of the detained leper with whom they have elected to reside, or until after a medical examination by a Government surgeon, and on his certifying that they are not actually affected with leprosy.

"(b) When once they have voluntarily quitted the asylum, they shall not, except with the permission of the State surgeon, again be permitted to reside therein (unless they return as lepers).

"(c) On the death or recovery of the leper with whom they elected to reside, they shall forthwith be removed from the asylum after medical examination and on medical certificate that they are not actually affected with leprosy.

"(d) Children on attaining the age of 7 years shall be forthwith removed from the asylum if after medical examination it is certified that they are not actually affected with leprosy.

"(e) All persons quitting the asylum as provided by subsections (b) and (d) preceding, and residing within any of the Federated Malay States, shall be brought or report themselves for inspection regularly once in every six months for the period of two years from the date of their quitting the asylum of the officer in charge of the Government hospital nearest to their places of residence, and it shall be the duty of such officer to report to the superintendent of the asylum any case in which leprosy shall have become evident.

"9. Mothers of leper children, or, in the case of motherless children, fathers or other guardians (not being themselves lepers), detained in the asylum who may elect to reside in the asylum with their leper children, may be permitted to do so; provided, that where a leper child at the time of admittance to the asylum is of the age of seven years and upwards permission shall not be accorded, and provided also that—

"(a) They shall not be permitted to leave the asylum until the death or recovery of their leper children or until after a medical examination by a Government surgeon it is certified that they are not actually affected with leprosy.

"(b) When once they have voluntarily quitted the asylum they shall not, except with the permission of the State surgeon, again be permitted to reside therein (unless they return as lepers).

“(c) On the death or recovery of their leper children they shall forthwith be removed from the asylum, if, after medical examination, it is certified that they are not actually affected with leprosy.”

SCHEDULE.—ORDER UNDER SECTION 4.

*To the medical officer in charge of the leper asylum at Pulau Lalang :*

Whereas, it has been made to appear to me that C. D., who has been found within the district of \_\_\_\_\_, in the State of \_\_\_\_\_, is a leper.

Now this is to authorize and require you to receive the said C. D. into your custody, together with this order and to detain him in the leper asylum at Pulau Lalang until his death, or until his removal or discharge from the asylyt m in due course of law.

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 190—.

(Signed) \_\_\_\_\_.

CERTIFICATE OF MEDICAL PRACTITIONER UNDER SECTION 4.

I, A. B., of \_\_\_\_\_, a qualified medical practitioner, do hereby certify that I have examined C. D., of \_\_\_\_\_, and find that the said C. D. is a leper within the meaning of the Malay States Leper Asylum Ordinance, 1900.

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 190—.

(Signed) \_\_\_\_\_.

ORDER UNDER SECTION 5.

*To the medical officer in charge of the leper asylum at Pulau Lalang :*

Whereas C. D., of \_\_\_\_\_, has since the \_\_\_\_\_ day of \_\_\_\_\_, 190—, been detained in the leper asylum at Pulau Lalang, under an order made by the \_\_\_\_\_, and dated the \_\_\_\_\_ day of \_\_\_\_\_, 190—, and, whereas, it appears to me proper that the said C. D. should now be removed (or discharged) from the said leper asylum :

Now I do hereby order that the said C. D. be removed (or discharged) from the leper asylum at Pulau Lalang upon the \_\_\_\_\_ day of \_\_\_\_\_, 190—.

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 190—.

“A. W. S. O’SULLIVAN,  
Clerk of Councils.”

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

**AUSTRALIA—Victoria.**—Two weeks ended October 12, 1901. Population, 1,195,874. Number of deaths not reported. One death from diphtheria, 1 from enteric fever, and 1 from scarlet fever reported.

**BAHAMAS—Dunmore Town.**—Two weeks ended November 22, 1901. Estimated population, 1,232. No deaths and no contagious diseases reported.

**Governors Harbor.**—Two weeks ended November 23, 1901. Estimated population, 1,500. No deaths and no contagious diseases reported.

**Green Turtle Cay—Abaco.**—Two weeks ended November 20, 1901. Estimated population, 3,314. No deaths and no contagious diseases reported.

**Nassau.**—Two weeks ended November 26, 1901. Estimated population, 12,535. Number of deaths not reported.

**BRITISH GUIANA—Demerara—Georgetown.**—Five weeks ended October 12, 1901. Population, 36,567. Total number of deaths, 177, including diphtheria, 1; enteric fever, 1, and 4 from tuberculosis.

**CANADA—Ontario—Hamilton.**—Month of November, 1901. Population, 52,550. Total number of deaths, 64, including diphtheria, 2; enteric fever, 4, and 3 from tuberculosis.

**DUTCH GUIANA**—*Paramaribo*.—Month of October, 1901. Estimated population, 31,427. Total number of deaths, 102. No deaths from contagious diseases reported.

**FRANCE**—*St. Etienne*.—Two weeks ended November 15, 1901. Population, 146,671. Total number of deaths, 107, including 23 from tuberculosis.

**GREAT BRITAIN**—*England and Wales*.—The deaths registered in 33 great towns in England and Wales during the week ended November 16, 1901, correspond to an annual rate of 19.4 per 1,000 of the aggregate population, which is estimated at 11,463,026. The highest rate was recorded in Norwich, viz, 28.4, and the lowest in Croydon, viz, 11.2.

*Bradford*.—Two weeks ended November 16, 1901. Estimated population, 280,161. Total number of deaths, 164, including enteric fever, 3; measles, 2; scarlet fever, 2; whooping cough, 3, and 18 from tuberculosis.

*London*.—One thousand seven hundred and forty-four deaths were registered during the week, including measles, 60; scarlet fever, 4; diphtheria, 35; whooping cough, 15; enteric fever, 15; smallpox, 14, and diarrhea and dysentery, 15. The deaths from all causes correspond to an annual rate of 18.2 per 1,000. In Greater London 2,307 deaths were registered, corresponding to an annual rate of 18.02 per 1,000 of the population. In the "outer ring" the deaths included 18 from diphtheria, 10 from measles, 2 from scarlet fever, 2 from smallpox, and 7 from whooping cough.

*Ireland*.—The average annual death rate represented by the deaths registered during the week ended November 16, 1901, in the 21 principal town districts of Ireland was 21.1 per 1,000 of the population, which is estimated at 1,079,708. The lowest rate was recorded in Lurgan, viz, 4.4, and the highest in Drogheda, viz, 36.8 per 1,000. In Dublin and suburbs 180 deaths were registered, including diphtheria, 3; whooping cough, 1, and 46 from tuberculosis.

*Scotland*.—The deaths registered in 8 principal towns during the week ended November 16, 1901, correspond to an annual rate of 19.9 per 1,000 of the population, which is estimated at 1,656,525. The lowest mortality was recorded in Perth, viz, 12.6, and the highest in Greenock, viz, 25.9 per 1,000. The aggregate number of deaths registered from all causes was 633, including diphtheria, 9; measles, 18; scarlet fever, 8, and 3 from whooping cough.

**JAVA**—*Batavia*.—Two weeks ended October 26, 1901. Estimated population, 150,000. Number of deaths not reported. Thirty-five deaths from cholera reported.

**MALTA**.—Three weeks ended November 9, 1901. Estimated population, 183,679. Total number of deaths, 268, including diphtheria, 8, and 4 from enteric fever.

**PHILIPPINE ISLANDS**—*Manila*.—Month of August, 1901. Estimated population, 250,000. Total number of deaths, 702, including enteric fever, 4; measles, 2; leprosy, 1; plague, 26, and 81 from tuberculosis.

SPAIN—*Valencia*.—Two weeks ended November 19, 1901. Census population, 204,000. Number of deaths not reported. Three deaths from enteric fever and 20 from smallpox reported.

SWITZERLAND.—Reports for the two weeks ended November 9, 1901, from 18 cities and towns having an aggregate population of 740,000, show a total of 443 deaths, including diphtheria, 6; enteric fever, 3; measles, 1; whooping cough, 4, and 51 from tuberculosis.

WEST INDIES—*Antigua*.—Three weeks ended November 16, 1901. Estimated population, 34,971. Total number of deaths, 46. No deaths from contagious diseases reported.

*St. Thomas*.—Two weeks ended November 15, 1901. Estimated population, 11,012. Total number of deaths, 10. No deaths from contagious diseases reported.

*Cholera, yellow fever, plague, and smallpox, June 28, 1901, to December 13, 1901.*

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

[For reports received from December 28, 1900, to June 28, 1901, see PUBLIC HEALTH REPORTS for June 28, 1901.]

**CHOLERA.**

Place.	Date.	Cases.	Deaths.	Remarks.
Borneo:				
Bandjermasin.....	Aug. 1-Aug. 31...	100	69	
Egypt:				
Suez.....	Sept. 21.....	6	1	On ship Inchmoor during voyage from Soerabaya.
India:				
Bombay.....	May 22-Nov. 12...		103	
Calcutta.....	May 19-Nov. 9...		606	
Madras.....	May 18-Nov. 1.....		962	
Japan:				
Formosa, Tamsui.....	May 1-June 30...	5	1	
Onsen District.....	Sept. 1-Sept. 14...	1	0	
Yokohama.....	July 14-Sept. 30...	8	3	
Java:				
Batavia.....	June 2-Oct. 26...	668	566	
Soerabaya.....	Aug. 1-Aug. 31...	1,800	1,400	
Samarang.....	.....do.....	1,050	600	
Straits Settlements:				
Singapore.....	May 23-Oct. 26...		22	
Sumatra:				
Padang.....	Sept. 1-Sept. 8...	1	1	
Palembang.....	July 13-Aug. 31...	87	52	

**YELLOW FEVER.**

Brazil:				
Para.....	Oct. 1-Oct. 31...	177	56	
Pernambuco.....	May 17-Oct. 15...		7	
Rio de Janeiro.....	May 15-Oct. 27...		87	
Colombia:				
Bocas del Toro.....	June 26-Oct. 25...	11	1	
Costa Rica:				
Port Limon.....	July 4-Oct. 12...	29	17	
Cuba:				
Casilda.....	Sept. 29-Oct. 5...	1		
Cienfuegos.....	July 15-July 18...	2		
Cumanayagua.....	Aug. 18-Aug. 24...	1		
Daiquiri.....	Sept. 8-Sept. 14...	1		
Havana.....	June 28-July 27...	7		
	July 28-Aug. 10...	6	1	Six from Santiago de las Vegas. One from Regla, 1 from San Antonio de los Baños, and 1 from steamship Monterey and 1 from Finca Riquena. Seven cases and 3 deaths resulted from inoculation by the mosquito.
	Aug. 10-Aug. 31...	13	5	
	Sept. 1-Oct. 26...	11	2	One from Santiago de las Vetras.
	Dec. 1.....	2	1	One caes from British steamship Ardanmohr. One death from Spanish steamship Buenos Aires.
Marianao.....	July 28-Aug. 10...	1	1	
Matanzas.....	July 21-July 27...		1	
	Aug. 25-Aug. 31...	2		
	Sept. 1-Oct. 22...	3	1	
Pinar del Rio.....	July 28-Aug. 3...	1		
Regla.....	.....do.....	1	1	
Santa Clara.....	Oct. 26.....	2		
Santiago.....	Sept. 20.....	6	1	On steamship Ethelbryhta.
Trinidad.....	Oct. 1.....	1		
Dutch West Indies:				
Curacao.....	Sept. 22-Nov. 2...	8	3	
Haiti:				
Cape Haitien.....	Oct. 5.....	1		
Port au Prince.....	Aug. 20-Aug. 26...	1	1	
Jamaica:				
Kingston.....	June 15.....		1	

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

## YELLOW FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Mexico:</b>				
Merida .....	June 14-Sept. 23.....		16	
Progreso .....	July 22-Oct. 6.....	5	3	Two cases from steamship Mathilda.
Tampico.....	July 26-Aug. 22.....	2	1	From steamship ——— from Progreso; 1 from steamship Yucatan from Vera Cruz.
Valladolid .....	Sept. 23-Sept. 23.....		4	Endemic.
Vera Cruz.....	June 23-Nov. 30.....	198	77	
<b>Porto Rico:</b>				
San Juan.....	July 16.....	1		On steamship Saint Simon from Cape Port au Prince and Santo Domingo.
<b>Salvador:</b>				
San Salvador.....	June 20.....			Several cases.

## PLAGUE.

<b>Africa:</b>				
Cape Town.....	Feb. 16-Aug. 17.....	737	355	
Maitland .....	June 9-June 15.....	2		
Port Elizabeth.....	June 9-July 27.....	33	13	
Simonstown.....	June 9-June 15.....	1		
<b>Australia:</b>				
Brisbane .....	Mar. 1-June 30.....	24	9	
<b>Brazil:</b>				
Rio de Janeiro.....	July 3-Oct. 27.....		91	
<b>China:</b>				
Amoy.....	May 26-Sept. 1.....	5,460	700	Estimated.
Canton.....	June 8.....			Prevailing.
Hongkong.....	May 19-Oct. 5.....	1,035	1,005	
Newchwang .....	Aug. 30.....	2		
Shanghai .....	June 9.....		1	From steamship Empress of China.
Sheck Lung.....	June 8.....			Prevailing.
Tung Kun.....	.....do.....			Do.
<b>Egypt:</b>				
Alexandria .....	Apr. 7-Nov. 13.....	52	26	
Benha.....	.....do.....	5	3	
Mansura.....	.....do.....	1	1	
Minieh.....	.....do.....	5	1	
Mit Gamr.....	.....do.....	20	11	
Port Said.....	.....do.....	26	16	
Zagazig.....	.....do.....	77	32	
Ziftah.....	.....do.....	4	3	
<b>England:</b>				
Liverpool .....	Oct. 26-Nov. 7.....	5	3	
<b>France:</b>				
Le Frioul.....	July 7.....	15		From steamship Laos from Port Said.
<b>Hawaiian Islands:</b>				
Honolulu.....	May 31-Nov. 13.....	8	8	
Kauai Island .....	Nov. 13.....	2	2	
<b>India:</b>				
<b>Bombay Presidency and Sind:</b>				
<b>Northern Division—</b>				
Bombay City.....	May 12-Oct. 19.....	3,388	3,425	
Broach District.....	.....do.....	845	637	
Kaira District.....	.....do.....	63	45	
Surat District.....	.....do.....	2,842	1,425	
Thana District.....	.....do.....	1,270	1,101	
<b>Central Division—</b>				
Khandesh District.....	.....do.....	391	323	
Poona District.....	.....do.....	755	486	
Poona City.....	.....do.....	246	175	
Satara District.....	.....do.....	13,031	8,681	
Sholapur District.....	.....do.....	173	109	
<b>Southern Division—</b>				
Belgaum District.....	.....do.....	18,963	13,904	
Bijapur District.....	.....do.....	19	11	
Dharwar District.....	.....do.....	19,848	13,423	
Hubli Town.....	.....do.....	2,572	2,335	
Kanara District.....	.....do.....	330	245	
Kolaba District.....	.....do.....	723	519	
Ratnagiri District.....	.....do.....	141	107	
<b>Sindh—</b>				
Hyderabad District.....	.....do.....	6	2	
Karachi District.....	.....do.....	40	32	
Karachi City.....	.....do.....	499	418	
<b>Political Charges—</b>				
Aundh State.....	.....do.....	257	145	
Baroda State.....	.....do.....	366	222	



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

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>India—Continued.</b>				
<b>Bombay Presidency and Sind—Continued.</b>				
<b>Political Charges—Cont'd.</b>				
Bhavnagar Town.....	May 12-Oct. 19...	1	.....	
Cutch State.....	.....do.....	1,057	924	
Janjira State.....	.....do.....	14	12	
Kathiawar State.....	.....do.....	256	256	
Kolhapur and Southern Maharatta Country.	.....do.....	17,260	10,540	
Sachin State.....	.....do.....	19	10	
Savanur State.....	.....do.....	16	8	
<b>Outside Bombay Presidency and Sind:</b>				
<b>Madras Presidency—</b>				
Salem District.....	.....do.....	305	195	
<b>Bengal:</b>				
Bhagalpur Division.....	.....do.....	27	26	
Burdwan Division.....	.....do.....	8	9	
Calcutta.....	.....do.....	436	423	
Chota Nagpur Division.....	.....do.....	68	34	
Orissa Division.....	.....do.....	0	0	
Patna.....	.....do.....	1,756	1,339	
Presidency.....	.....do.....	6	5	
<b>Northwest Province and Oudh:</b>				
Agra Division.....	.....do.....	3	2	
Allahabad.....	.....do.....	75	72	
Benares.....	.....do.....	.....	385	
<b>Punjab Province:</b>				
Delhi Division.....	.....do.....	304	147	
Jullunder Division.....	.....do.....	1,872	917	
Lahore Division.....	.....do.....	936	431	
Rawalpindi.....	.....do.....	1,356	757	
<b>Mysore State:</b>				
Bangalore City.....	.....do.....	153	121	
Bangalore Civil and Mil- itary Station.	.....do.....	91	69	
Bangalore District.....	.....do.....	1,092	823	
Chitaldrug District.....	.....do.....	36	22	
Kadur.....	.....do.....	137	57	
Kolar District.....	.....do.....	163	111	
Mysore City.....	.....do.....	1,713	1,299	
Mysore District.....	.....do.....	1,567	1,259	
Shimoga.....	.....do.....	244	134	
Rajputana State.....	.....do.....	7	5	
Tumkur District.....	.....do.....	124	66	
Kashmir.....	.....do.....	144	85	
<b>Italy:</b>				
Naples.....	Sept. 7-Oct. 12...	26	8	
<b>Japan:</b>				
Formosa.....	Jan. 1-Aug. 6...	4,285	3,404	
Nagasaki.....	Jan. 4-July 18...	.....	2	On steamship Kintuck and on steamship Empress of China.
Yamanashi Ken.....	June 22.....	1	1	
Mauritius.....	June 7-Oct. 24...	.....	44	
<b>Paraguay:</b>				
Asuncion.....	June 23.....	1	.....	
<b>Philippine Islands:</b>				
Cavite.....	May 19-July 6..	4	1	
Cebu.....	July 6.....	2	.....	
Concepcion.....	.....do.....	1	.....	
Manila.....	May 11-Oct. 19...	227	186	
Malolos.....	July 6.....	3	.....	
Malabon.....	.....do.....	6	.....	
Naic.....	.....do.....	3	.....	
Paranaque.....	.....do.....	3	.....	
San Antonio.....	.....do.....	1	.....	
Santa Rosa.....	May 19-July 6..	2	.....	
Taguig.....	Sept. 8-Sept. 14...	1	1	
<b>Russia:</b>				
Odessa.....	Nov. 10.....	.....	.....	Reported.
<b>Scotland:</b>				
Glasgow.....	Oct. 19-Nov. 1..	5	1	
<b>Straits Settlements:</b>				
Singapore.....	July 14-July 27..	.....	2	
<b>Turkey:</b>				
Constantinople.....	Apr. 27-Sept. 12..	20	5	
Samsoun.....	Oct. 11.....	.....	.....	Do.
Smyrna.....	Sept. 28.....	.....	.....	Do.

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

## SMALLPOX.

Place.	Date.	Cases.	Deaths.	Remarks.
Arabia:				
Aden .....	May 1-May 31...		4	
Argentina:				
Buenos Ayres.....	Apr. 1-Sept. 30...		948	
Austria-Hungary:				
Buda Pesth.....	Sept. 3-Sept. 9...	2		
Prague.....	June 2-Nov. 16...	49		
Belgium:				
Antwerp.....	.....do.....	51	22	
Brussels.....	Sept. 29-Nov. 16...		2	
Ghent.....	Sept. 7-Nov. 2.....		18	
Brazil:				
Oceara.....	June 1-June 30...		1	
Pernambuco.....	May 17-Oct. 15...		453	
Rio.....	May 9-Oct. 27...		894	
British Columbia:				
Victoria.....	June 16-June 30...	2		
Canada:				
Quebec Province:				
Beauce County.....	May 30-Sept. 30...	7		
Beauharnois County.....	May 15-May 22...	8		
Brome County.....	May 15.....	14		
Chateauguay County.....	Apr. 11.....	2		
Compton County.....	July 2-July 6...	1		
Gaspé County.....	June 12.....	26		
Hochelaga County.....	May 24-June 24...	2		
Huntingdon County.....	Apr. 4.....	8		
Iberville County.....	May 14.....	4		
Jac. Cartier County.....	May 18.....	1		
Joliette County.....	June 20-June 23...	1		
La Prairie County.....	Mar. 2-June 10...	133	1	
Mataane County.....	Apr. 10.....	17		
Missisquoi County.....	June 10.....	77		
Montreal County.....	Apr. 20-Sept. 30...	6		
Napierville County.....	Feb. 19.....	22	1	
Ottawa County.....	Mar. 8-Sept. 30...	55	1	
Pontiac County.....	Feb. 28-May 23...	44		
Quebec City.....	Oct. 27-Nov. 30...	99	1	
Rimouski County.....	Feb. 12-July 10...	5	1	
St. Hyacinthe.....	May 18.....	1		
Shefford County.....	May 20.....	3		
Stanstead County.....	June 10-June 25...	2		
Témiscouata County.....	June 4-June 17...	1		
Terrebonne County.....	Apr. 22-May 9...	91		
China:				
Hongkong.....	May 19-June 15...	7	5	
Colombia:				
Bocas del Toro.....	Oct. 22-Oct. 29...	3		
Cartagena.....	July 1-Nov. 17...		7	
Colon.....	Sept. 23-Oct. 6...	4		
Panama.....	June 18-Nov. 25...	838		Deaths unknown.
Ecuador:				
Guayaquil.....	May 12-Sept. 21...	7	4	
Egypt:				
Cairo.....	June 11-Oct. 14...		7	
England:				
Leeds.....	Aug. 25-Aug. 31...	1		
Liverpool.....	June 9-Oct. 26...	9	2	
London.....	July 16-Nov. 22...		139	
Manchester.....	Oct. 20-Oct. 26...	1		
Southampton.....	Sept. 29-Oct. 5...	1		
France:				
Marseilles.....	June 1-Aug. 31...		8	
Nice.....	Aug. 1-Oct. 31...		10	
Paris.....	June 7-Nov. 16...		135	
St. Etienne.....	Oct. 15-Oct. 31...	1		
Germany:				
Berlin.....	June 18-June 29...	3		
Gibraltar:	June 3-Nov. 17...	6		
India:				
Bombay.....	May 22-Nov. 12...		49	
Calcutta.....	May 19-Nov. 9...		111	
Karachi.....	May 20-Oct. 20...	25	14	
Madras.....	May 18-Oct. 18...		117	
Italy:				
Milan.....	May 1-May 31...	2		
Naples.....	June 10-Nov. 23...	1,688	265	
Palermo.....	Aug. 18-Sept. 21...		2	

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

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Japan:</b>				
Formosa, Tamsui .....	July 31-Aug. 31...	3	3	
Nagasaki .....	June 11-June 30...	2	1	
Osaka and Hioga.....	July 21-July 27...	1		
<b>Korea:</b>				
Seoul .....	July 1-July 6.....		1	
<b>Manitoba:</b>				
Winnipeg .....	Sept. 15-Nov. 30...	7		
<b>Mexico:</b>				
City of Mexico.....	June 17-Oct. 13...	9	3	
Fuente .....	Aug. 11.....	3		
Hunucma.....	Sept. 23.....			
Merida.....	July 7-July 13.....		4	Endemic.
<b>Netherlands:</b>				
Rotterdam.....	June 16-Aug. 10...	21	2	
<b>New Brunswick:</b>				
St. John.....	Oct. 20-Nov. 30...	10	2	
<b>Nova Scotia:</b>				
Halifax.....	Sept. 1-Nov. 30...	80	2	Thirteen from sc. Thalia, 2 from sc. Goodwin, and 1 from sc. Essex.
<b>Philippine Islands:</b>				
Manila .....	May 12-Aug. 17...	24		
<b>Russia:</b>				
Moscow .....	May 26-Nov. 16...	137	48	
Odessa.....	June 2-Nov. 16...	26	7	
Riga.....	Jan. 1-June 30.....		74	
St. Petersburg.....	June 2-Nov. 16...	63	9	
Warsaw.....	May 26-Nov. 2.....		39	
<b>Scotland:</b>				
Dundee.....	July 14-Sept. 28...	18		
Edinburgh.....	Sept. 1-Sept. 7...	1		
Glasgow.....	June 15-Nov. 29...	50	4	
<b>Sicily:</b>				
Messina.....	June 9-Aug. 31...	136	27	
<b>South Africa:</b>				
Lorenzo Marquez.....	Aug. 1-Aug. 31.....		2	
<b>Spain:</b>				
Barcelona.....	Oct. 16-Nov. 15.....		4	
Corunna.....	June 23-Oct. 31.....		5	
Madrid.....	May 4-Sept. 9.....		43	
Malaga.....	July 1-Oct. 31.....		34	
Valencia.....	July 23-Nov. 19...	314	38	
<b>Straits Settlements:</b>				
Singapore.....	July 14-Oct. 5.....		2	
<b>Switzerland:</b>				
Geneva.....	June 2-June 29...	5		
<b>Uruguay:</b>				
Montevideo.....	May 11-Oct. 31...	548	53	
<b>Wales:</b>				
Cardiff.....	June 9-June 15...	2		



## 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.	Messies.	Whooping cough.						
La Rochelle.....	Nov. 11	31,553	14																	
Do.....	Nov. 18	31,553																		
Las Palmas.....	Nov. 9	34,972	17																	
Lausanne.....	do.....	46,407	10																	
Leeds.....	Nov. 23	430,489	168	12							1	4	4	8	3					
Leipzig.....	Nov. 9	461,579	136								1	1	1	2						
Do.....	Nov. 16	461,579	122								2		2	1						
Leith.....	Nov. 9	77,670	27	1									1	1						1
Do.....	Nov. 16	77,670	25										1	1						
Do.....	Nov. 23	77,670	32										2							
Licata.....	Nov. 16	23,500	12								3									
Liverpool.....	do.....	686,332	260								6	3	2							3
London.....	do.....	6,604,287	2,307								16	20	6	53	70	22				
Lyons.....	do.....	473,147	177																	
Madras.....	Oct. 26	509,346	339			40										6				
Do.....	Nov. 2	509,346	432			32										1				
Magdeburg.....	Oct. 12	227,551	70	8									1	1						
Do.....	Oct. 19	227,551	66	2							1		2	3	1					
Mainz.....	Nov. 16	84,335	29	2										1						
Manchester.....	do.....	546,494	248	21									3	3	11					1
Manila.....	Sept. 23	250,000	168	22								1								
Do.....	Oct. 5	250,000	173	15	2						1									
Mannheim.....	Nov. 9	145,234	41	3																
Messina.....	Nov. 17	107,000	16	2																
Do.....	Nov. 20	107,000	33	2																
Mexico.....	Nov. 24	368,777	316	35							22									6
Monrovia.....	Oct. 26	10,000	4											1						
Do.....	Nov. 2	10,000	0																	
Montevideo.....	Oct. 30	266,000	48								4									
Moscow.....	Nov. 9	1,000,000	478	11							4		9	7	18	2	4			1
New Castle-on-Tyne.....	Nov. 16	236,000	64																	4
Do.....	Nov. 23	236,000	86													2				4
Nottingham.....	Nov. 16	239,753	64									1				1				
Nuremberg.....	Nov. 9	262,600	80	11												2				
Odesa.....	Nov. 16	442,000	182	21							2		4	16	3	9				
Palermo.....	do.....	330,000	124	11																
Paris.....	Nov. 9	2,511,629	956								4	7			17	4	3			
Do.....	Nov. 16	2,511,629	952								3		9	4	11	5	3			
Port au Prince.....	Nov. 11	60,000	27																	
Do.....	Nov. 18	60,000	23																	
Prague.....	Nov. 9	205,815	111	17								1	1	1						
Do.....	Nov. 16	205,815	128	23								1	1	2						2
Puerto Cortez.....	Nov. 23	2,000	0																	
Quebec.....	Nov. 30	68,000																		
Rotterdam.....	Nov. 23	339,285	129												1					
St. Georges.....	Nov. 16	2,150	3																	
Do.....	Nov. 23	2,150	1																	
St. John, New Brunswick.....	Nov. 30	40,711	15								2									
St. Petersburg.....	Nov. 2	1,248,643	550	83								25	19	40	18					9
Do.....	Nov. 9	1,248,643	585	83							1	31	21	35	24					5
St. Stephen, New Brunswick.....	Nov. 30	2,840	2																	
Santander.....	Nov. 18	53,574	26																	
Singapore.....	Oct. 12	97,111	198	28		8														
Do.....	Oct. 19	97,111	191	40		2					1									
Do.....	Oct. 26	97,111	237	57		5														
Smyrna.....	Oct. 27	300,000	15										2							
Solingen.....	Nov. 2	15,142	8											1						
Do.....	Nov. 9	15,142	11																	
Southampton.....	Nov. 23	104,911	36	7																1
South Shields.....	Nov. 16	97,800	50										1		1	3				
Do.....	Nov. 23	97,800	34	1											1					
Stettin.....	Nov. 9	210,680	79										1	2	1	2				
Do.....	Nov. 16	210,680	80										2	3	1	1				
Stockholm.....	Nov. 2	232,574	70	15											1	2				
Do.....	Nov. 9	232,574	65	13									2	1	3					
Stuttgart.....	Nov. 7	176,318	43																	1
Do.....	Nov. 14	176,318	56												2	1	1			
Sunderland.....	Nov. 9	147,207	51										2							1
Do.....	Nov. 16	147,207	54										2	1						
Teneriffe.....	Nov. 9	36,500	11																	
Trapani.....	Nov. 16	61,437	17																	
Trieste.....	Nov. 2	178,155	75											1	1	1				
Do.....	Nov. 9	178,155	77										4		1					

*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.
Tuxpam.....	Nov. 25	13,000	11											
Utila.....	Nov. 9	800	0											
Do.....	Nov. 16	800												
Venice.....	Nov. 9	174,378	61							2		2	2	
Vera Cruz.....	Nov. 16	32,000	8				8							
Do.....	Nov. 23	32,000	36				4							
Do.....	Nov. 30	32,000	40				7							
Vienna.....	Nov. 16	1,709,211	568	92						1		10	1	2
West Hartlepool.....	do.....	63,000												
Do.....	Nov. 23	63,000												
Windsor, Nova Scotia ..	Nov. 30	3,000												
Winnipeg.....	Nov. 23	25,642								1		1		
Zurich.....	Nov. 2	161,782	44									1		
Do.....	Nov. 9	161,782	39											

By authority of the Secretary of the Treasury :

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