

# PUBLIC HEALTH REPORTS.

## UNITED STATES.

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

### *Regulations governing the transportation of corpses in Texas.*

LAREDO, TEX., March 24, 1902.

SIR: I have the honor to inclose you the recent regulations of the Texas State health officer regarding the transportation of corpses.

The regulations are very explicit.

Respectfully,

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

[Inclosures.]

### *Transportation of corpses.*

AUSTIN, TEX., March 22, 1902.

The rules of the quarantine department of Texas for the transportation of the dead, applying equally to all common carriers and having full force of the law, just issued, are as follows:

Rule 1. The transportation of bodies dead of smallpox, Asiatic cholera, yellow fever, typhus fever, or bubonic plague is absolutely forbidden.

Rule 2. The bodies of those who have died of diphtheria (membranous croup), scarlet fever (scarlatina, scarlet rash), cerebro-spinal meningitis, glanders, anthrax, or leprosy shall not be accepted for transportation unless prepared for shipment by being thoroughly disinfected by (a) arterial and cavity injection with an approved disinfectant fluid, (b) disinfecting and stopping of all orifices with absorbent cotton, and (c) washing the body with the disinfectant, all of which must be done by an embalmer holding a certificate as such, approved by the State health officer, quarantine officer, or local health authority. After being disinfected as above, such body shall be enveloped in a layer of cotton not less than 1 inch thick, completely wrapped in a sheet and bandaged and incased in an air-tight zinc, tin, copper, or lead lined coffin or iron casket, all joints and seams hermetically soldered, and all inclosed in a strong, tight, wooden box, or, the body being prepared for shipment by the disinfecting and wrapping as above, may be placed in a strong coffin or casket, and said coffin or casket incased in an air-tight zinc, copper, or tin case, all joints and seams hermetically soldered, and all inclosed in a strong outside wooden box.

Rule 3. The bodies of those dead of typhoid fever, puerperal fever, erysipelas, tuberculosis, and measles, or other dangerous communicable diseases other than those specified in rules 1 and 2, may be received for transportation when prepared for shipment by filling cavities with an approved disinfectant, washing the exterior of the body with the same, stopping all orifices with absorbent cotton, and enveloping the entire body with a layer of cotton not less than 1 inch thick, and all wrapped in a sheet and bandaged and incased in an air-tight coffin or casket, provided that this shall apply only to bodies which can reach their destination within forty-eight hours from time of death. In all other cases such bodies shall be prepared for transportation in conformity of rule 2. But when the body has been prepared for shipment by being thoroughly disinfected by an embalmer holding a certificate as in rule 2, the air-tight sealing may be dispensed with.

Rule 4. The bodies of those dead of diseases that are not contagious, infectious, or communicable may be received for transportation when encased in a sound coffin or casket and inclosed in a strong outside wooden box, provided they reach their destina-

tion within thirty hours from time of death. If the body can not reach its destination within thirty hours from time of death, it must be prepared for shipment by filling cavities with an approved disinfectant, washing the exterior of the body with the same, stopping all orifices with absorbent cotton, and enveloping the entire body with a layer of cotton not less than 1 inch thick, and all wrapped in a sheet and bandaged and incased in an air-tight coffin or casket. But when the body has been prepared for shipment by being thoroughly disinfected by an embalmer holding a certificate as in rule 2, the air-tight sealing may be dispensed with.

Rule 5. In cases of contagious, infectious, or communicable diseases, the body must not be accompanied by persons or articles which have been exposed to the infection of the disease, unless certified by the health officer as having been properly disinfected, and before selling passage tickets, agents shall carefully examine the transit permit and note the name of a passenger in charge, and any others proposing to accompany the body, and see that all necessary precautions have been taken to prevent the spread of disease. The transit permit in such cases shall specifically state who is authorized by the health authorities to accompany the remains. In all cases where bodies are forwarded under rule 2, notice must be sent by telegraph to health officer at destination, advising the date and train on which the body may be expected. This notice must be sent by or in the name of the health officer at initial point, and is to enable the health officer at destination to take all necessary precautions at that point.

Rule 6. Every dead body must be accompanied by a person in charge, who must be provided with a passage ticket, and also present a full first-class ticket marked "corpse" for the transportation of the body, and a transit permit—showing physician's or coroner's certificate, health officer's permit for removal, undertaker's certificate, name of deceased, date and hour of death, age, place of death, cause of death, and if of a contagious, infectious, or communicable nature, the point to which the body is to be shipped, and when death is caused by any of the diseases specified in rule 2, the names of those authorized by the health authorities to accompany the body. The transit permit must be made in duplicate and the signatures of the physician or coroner, health officer, and undertaker must be on both the original and duplicate copies. The undertaker's certificate and paster of the original shall be detached from the transit permit and pasted on the coffin box. The physician's certificate and transit permit shall be handed to the passenger in charge of the corpse. The whole duplicate copy shall be sent to the official in charge of the baggage department of the initial line and by him to the State quarantine department of Texas.

Rule 7. When dead bodies are shipped by express, the whole original transit permit shall be pasted upon the outside box and the duplicate forwarded by the express agent to the State quarantine department of Texas.

Rule 8. Every disinterred body, dead from any diseases or cause, shall be treated as infectious or dangerous to the public health and shall not be accepted for transportation unless said removal has been approved by the State health officer, quarantine officer, or local health authority having jurisdiction where such body is disinterred, and the consent of the health authorities of the locality to which the corpse is consigned has first been obtained; and all such disinterred remains shall be inclosed in a hermetically sealed (soldered) zinc, tin, or copper lined coffin or box. Bodies deposited in receiving vaults shall be treated and considered the same as buried bodies.

*Quarantine proclamation for the year 1902—Published by the Louisiana State board of health.*

#### STATE OF LOUISIANA, EXECUTIVE DEPARTMENT.

At the request of the board of health of the State of Louisiana, embodied in a resolution adopted by that body at a regular meeting held February 18, 1902, and by virtue of the authority vested in me by law, I, William Wright Heard, governor of the State of Louisiana, do hereby issue this, my proclamation, to take effect on and after the first day of April, 1902 (all vessels arriving at the mouth of the Mississippi River, after 6 o'clock p. m., March 31, to be included).

That all vessels arriving at the several quarantine stations of Louisiana, together with their cargoes, crews, passengers, and baggage, shall be subjected to inspection and sanitation according to the following schedule:

First class.—Vessels which are not included in the following classes shall be subjected to necessary maritime sanitation without detention of either vessels or persons longer than may be necessary to place such vessels in good sanitary condition.

Second class.—Vessels arriving from suspected ports (intertropical, American, and West Indian and Brazilian ports) which in the absence of satisfactory information to the contrary are considered suspicious, and other ports which may be decided suspicious by the board of health, shall be subjected to full sanitation at the Mississippi River Quar-

antine Station, together with detention of the vessel and persons for such length of time as the board of health may determine.

Third class.—Vessels arriving from ports known to be infected shall be subjected to full sanitation at the Mississippi River Quarantine Station, and shall be detained for observation, together with their crews, cargoes, and passengers, for such length of time after completion of disinfection as the board of health may determine.

Fourth class.—Vessels which, without regard to ports of departure, are infected—that is to say, vessels which have yellow fever, cholera, or other contagious or infectious diseases on board at the time of arrival or have had same on voyage—shall proceed at once to the lazaretto to land their sick, and they shall proceed to the Mississippi River Quarantine Station, there to undergo thorough disinfection and be detained, together with passengers, crews, and cargoes, for such length of time as the board of health may determine.

All vessels arriving from ports known or suspected to be infected with cholera or bubonic plague shall be subjected to maritime sanitation and such detention as the board of health may determine.

Vessels arriving from ports and places belonging to the second, third, and fourth classes, as set forth in the above schedules, shall not be allowed to pass the Rigolets, Atchafalaya, or Lake Charles quarantine stations or other quarantine stations which may be hereafter established, without having undergone proper maritime sanitation at the Mississippi River Quarantine Station.

Vessels engaged in the tropical fruit trade, whose sanitary condition and health record are satisfactory may be allowed to pass the Mississippi River Quarantine Station after inspection under such regulations and sanitary treatment as the board of health may prescribe.

Quarantine officers at the several stations of this State are especially charged and required to strictly enforce the articles of this proclamation.

The State board of health is requested to prosecute vigorously all violators of the same, as well as of the quarantine laws and regulations of this State.

Given under my hand and the great seal of the State of Louisiana at the capitol in the city of Baton Rouge, on this the 6th day of March, A. D. 1902.

[SEAL.]

By the governor:

JOHN T. MICHEL, *Secretary of State.*

W. W. HEARD,  
*Governor of Louisiana.*

*Extracts from the minutes of meeting of February 18, 1902.*

*Resolved*, That for the year 1902 vessels subject to detention at the Mississippi River Quarantine Station under the terms of the governor's proclamation shall be held for observation, with their crews, passengers, and cargoes, not less than five full days after disinfection, except that—

During the month of April vessels of the second class shall not be subject to detention after disinfection, except for special reasons.

Such vessels as have been disinfected at the port of departure in a manner satisfactory to this board will be again disinfected at the Mississippi River Quarantine Station, and the time of detention will be five days, counting from the first disinfection at port of departure.

Healthy vessels, not otherwise subject to quarantine, which have touched for coal or orders at intertropical islands, reported free of infectious disease, without taking on board at such islands either passengers or freight, will be allowed to pass without disinfection or detention, provided they have been more than five days in transit.

*Resolution adopted April 24, 1895, and still in force.*

Hereafter full quarantine restrictions will be imposed on all vessels whose officers wilfully attempt deception in regard to any case of sickness, or material capable of carrying infection, or wilfully disregard the rules and regulations of the board of health; and such detention will be imposed thereafter on every vessel on which any officer who has previously attempted to practice deception is found in any official capacity.

*Special instructions to owners, agents, masters of vessels, and passengers.*

The Louisiana State board of health recommends the following suggestions to agents, owners, masters of vessels, and passengers for the purpose of facilitating the work of quarantine officers and reducing the period of detention to a minimum.

1. That vessels should be stripped during the quarantine seasons of all woolen hangings, carpets, curtains, and such like materials, and upholstered furniture as far as practicable. Hair or moss mattresses to be replaced by wire or wicker beds.

2. That, as far as possible, vessels trading with tropical ports should be manned with acclimated crews.

3. Drinking water for use on vessels should not be taken from rivers or streams in intertropical countries.

4. Masters of vessels, ship and consular agents are earnestly requested to instruct passengers from quarantinable ports to dispense, as far as possible, with baggage which may be injured by wetting or heat (230° F.) while undergoing disinfection. Such passengers are especially warned against bringing furs, silks, skins, laces, velvets, and other fabrics of delicate texture, as they will be compelled to assume all risks of injury.

5. While in ports infected with yellow fever, vessels should be anchored out in the harbor, when this is possible, and the crew prohibited from going ashore, especially at night.

6. When practicable, cargoes should be loaded in such a manner as to allow access to the pumps, and also to enable the quarantine officers to pump out and wash the bilge.

7. For the purpose of avoiding delay and expense at quarantine, owing to the necessity of shifting of cargo for the object of disinfection, it is recommended that there be constructed in all vessels from quarantined ports, an open framework shaft, 15 inches in diameter from the center of each hatch, through which the fumigating pipe may be introduced down to the dunnage of the vessel.

8. Special attention should be given to cleanliness of vessels and persons, and provisions should be made for all possible ventilation of the entire vessel. The best disinfectants, and instructions for using same, can be obtained by application to the board of health or any of its officers.

9. Masters should, before arrival, see that the bilge is thoroughly pumped out and cleansed, and that the entire vessel be put in such good sanitary condition as to permit of the least possible detention. Fruit vessels, particularly, should be kept thoroughly cleansed for the purpose of avoiding delay at the quarantine station.

10. Vessels observing the above recommendations will receive special consideration at the quarantine station, detention and cost of cleaning, disinfecting, etc., being materially lessened thereby.

EDMOND SOUCHON, M. D.,  
*President.*

G. FARRAR PATTON, M. D., *Secretary.*

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

EASTPORT, ME., *March 20, 1902.*

SIR: I beg to submit the following report of work done at this inspection station during the week ended Thursday, March 20, 1902:

#### *Vessels inspected.*

Date.	Vessel.	From.	For.	Crew.	Passengers.	
					For East-port.	In trans-it.
Mar. 14	Sc. Happy Home .....	Beaver Harbor, New Brunswick.	Eastport.....	2	.....	.....
Do....	Sc. Annie.....	St. Andrews, New Brunswick.	.....do .....	2	.....	.....
Do....	Sc. Perseverance .....	St. George, New Brunswick.	.....do .....	2	.....	.....
Do....	Sc. Ruby.....	Le Preaux, New Brunswick.	.....do .....	2	.....	.....
Do....	Sc. Exenia.....	Campobello, New Brunswick.	St. John, New Brunswick..	3	.....	.....
Do....	Ss. Aurora.....	St. Stephen, New Brunswick.	Eastport and Grand Manan, New Brunswick.	8	6	6
Mar. 18	Ss. St. Croix.....	Boston and Portland..	Eastport and St. John, New Brunswick.	61	46	40
Do....	Ss. H. F. Eaton.....	Calais, Me.....	Eastport.....	10	4	.....
Mar. 19	Ss. St. Croix.....	St. John, New Brunswick.	Portland and Boston.....	61	4	32
Do....	Ss. H. F. Eaton.....	Calais, Me.....	Eastport.....	10	4	.....
Do....	Ss. Aurora.....	St. John, New Brunswick.	Eastport and Grand Manan, New Brunswick.	8	4	2

Two more cases of smallpox have developed among the crew of the steamer *Lake Michigan*, at quarantine, St. John, New Brunswick, making 4 all told. The health of Eastport is good.

Respectfully,

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

EASTPORT, ME., March 27, 1902.

SIR: I beg to submit the following report of work done at this inspection station during the week ended Thursday, March 27, 1902:

*Vessels inspected.*

Date.	Vessel.	From.	For.	Crew.	Passengers.	
					For East-port.	In trans- it.
Mar. 21	Ss. Aurora.....	St. Stephen, New Brunswick.	Eastport and Grand Manan, New Brunswick.	8	.....	10
Do.....	Ss. H. F. Eaton.....	Calais, Me.....	Eastport.....	10	7	.....
Mar. 22	Ss. St. Croix.....	Boston .....	Eastport and St. John, New Brunswick.	61	6	9
Do.....	Ss. Ruby .....	Le Preaux, New Brunswick.	Eastport.....	2	.....	.....
Mar. 25	Ss. Echo.....	Calais, Me.....	.....do .....	2	.....	.....
Do.....	Ss. St. Croix.....	Boston and Portland.	Eastport and St. John, New Brunswick.	61	45	27
Do.....	Ss. H. F. Eaton.....	Calais, Me.....	Eastport.....	10	12	.....
Mar. 26	Ss. St. Croix.....	St. John, New Brunswick.	Portland and Boston.....	61	16	23
Do.....	Ss. H. F. Eaton.....	Calais, Me.....	Eastport.....	10	20	.....
Do.....	Ss. Aurora.....	St. John, New Brunswick.	Eastport and Grand Manan, New Brunswick.	8	1	5

One of the seamen at quarantine, St. John, New Brunswick, died March 26 of smallpox.

Respectfully,

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

*Arrival at Reedy Island Quarantine of vessel from Vera Cruz.*

REEDY ISLAND QUARANTINE,  
*via Port Penn, Del., March 23, 1902.*

SIR: Through the medical officer in command of national quarantine service on Delaware Bay and River, I have the honor to report the arrival at this station on the 21st instant, of the British steamship *Mexicano*, from Vera Cruz, in ballast; no passengers; bill of health signed by Wm. W. Canada, United States consul.

Respectfully,

T. F. RICHARDSON,  
*Assistant Surgeon, U. S. M. H. S., In Command.*

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

BALTIMORE, MD., March 29, 1902.

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

March 24, British steamship *Irisbrook*, from Rio de Janeiro, with ore. March 25, Norwegian steamship *Egda*, from Daiquiri, Cuba, with ore. March 27, Norwegian steamship *Oscar II*, from Daiquiri, Cuba, with ore; American schooner *John A. Matheson*, from San Andres,

Colombia, with fruit. March 28, British steamship *Hestia*, from Daiquiri, Cuba; British steamship *Manar*, from Santiago de Cuba.

Respectfully,

JNO. R. KING,  
*Acting Deputy Collector.*

*End of smallpox at Port Angeles, Wash.*

PORT ANGELES, WASH., *March 22, 1902.*

SIR: I take pleasure in informing you that the threatened epidemic of smallpox at this place is at an end. There were 5 cases altogether, only 1 case occurring outside of the 2 families in which the disease first appeared.

Respectfully,

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

REPORTS FROM THE MEXICAN BORDER.

*Eagle Pass, Tex., March 24, 1902—Inspection service.*—I have the honor to report the following transactions at this post for the week ended March 22, 1902: Number of passenger trains from Mexico inspected, 7; passengers on trains from Mexico inspected and passed, 206; passengers detained, none.

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

*El Paso, Tex., March 22, 1902—Inspection service.*—I have the honor to submit herewith summary of transactions at this station for the week ended March 22, 1902. Inspection of Mexican Central Railroad passengers, 215; inspection of Rio Grande and Pacific Railroad passengers, 22; inspection of immigrants, 72; vaccination of children of immigrants, 9; disinfection of hides, 265.

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

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

IOWA.—The Health Bulletin says:

The following infectious diseases have been reported to the secretary as having appeared during the month of January in the places indicated:

*Diphtheria.*—Madrid; Sabula; Albia; Boone; Story City; Bagley; Hartford Township, Iowa County; Elk Creek Township, Jasper County; Zearing; Clarksville; Stapleton Township, Chickasaw County; Grand Junction; Leroy Township, Audubon County; New Hampton Township, Chickasaw County; Douglas Township, Montgomery County; Garner; Jackson Township, Washington County; Vinton; Corning; Fairview Township, Monona County; Union; Storm Lake; Des Moines.

*Measles.*—Grant Township, Monona County; Richland Township, Tama County; Webster City; Des Moines; Jefferson Township, Lee County.

*Scarlet fever.*—Douglas and Oakfield townships, Audubon County; Stapleton Township, Chickasaw County; Eden Township, Winnebago County; Bonaparte; White Pigeon; Boone; Milo; Viola Township, Sac County; Union Township, Worth County; Belmont Township, Warren County; Providence Township, Buena Vista County; Oakland Township, Franklin County; Butler Township, Calhoun County; Grand Meadows Township, Clayton County; Lincoln Township, Pocahontas

County ; Little Rock ; Cushing ; Jordan Township, Monona County ; Peosta ; Corydon ; Liberty Township, Woodbury County ; Liberty Township, Warren County ; Jefferson Township, Allamakee County ; Humboldt ; Grove Township, Humboldt County ; Liberty Township, Mitchell County ; Clinton ; Bolan ; Carroll ; Eden Township, Marshall County ; Twin Lake Township, Calhoun County ; Jackson Township, Clark County ; Highland Township, O'Brien County ; Summit Township, Adair County ; Sabula ; Superior ; Grant ; Clay Township, Hardin County ; Rowan ; Monroe Township, Shelby County ; Postville ; Colfax Township, Grundy County ; Burr Oak Township, Mitchell County ; Barton Township, Worth County ; Thurman ; Shilo Township, Grundy County ; Primghar ; Jefferson Township, Lee County ; Elk River Township, Clinton County ; Washington.

*Smallpox.*—Unionville ; Sharpsburg ; Lincoln, Allen, Richland, Greenfield, and Belmont townships, Warren County ; Green, Center, Pleasant, and Richland townships, Wapello County ; Pleasant Ridge Township, Lee County ; Alierton ; Ottumwa ; Mount Ayr ; Lovelia ; Lourens ; Kimballton ; Sioux Township, Clay County ; Polk Township, Shelby County ; Eldorado ; Superior ; Bloomfield ; Jasper Township, Adams County ; Eagle and Lafayette townships, Story County ; Lacona ; Jefferson, Vernon, and Liberty townships, Dubuque County ; Grant Township, Cass County ; Gilford, Center, Mantua, Jackson, and Troy townships, Monroe County ; Jefferson and Volga townships, Clayton County ; Washington, Marion, and America townships, Plymouth County ; Eden Township, Carroll County ; Walnut and Scott townships, Fremont County ; Buxton ; Independence ; Washington Township, Buchanan County ; Durant ; Maple, Briggs, and Battle townships, Ida County ; Garfield Township, Marshall County ; Batavia ; Lancaster Township, Keokuk County ; Mitchellville ; Kent ; Lone Tree Township, Clay County ; Stuart Township, Guthrie County ; Knowlton ; Ogden ; Dallas Center ; Boone ; Des Moines ; Grant Township, Dallas County ; Russell ; Hartley ; Lotts Creek, Plum Creek, Buffalo, and Ledyard townships, Kossuth County ; Hamilton and Oakland townships, Franklin County ; Polk Township, Jefferson County ; Union City Township, Allamakee County ; Denmark ; New Hampton ; Buckeye and Pleasant townships, Hardin County ; Grand Junction ; Knoxville and Pleasant Grove townships, Marion County ; Keswick ; Clay Township, Harrison County ; Union Township, Poweshiek County ; Lyons Township, Mills County ; Nebraska, Amity, and Buchanan townships, Page County ; Locust Grove Township, Jefferson County ; Bagley ; Titonka ; Carlisle ; Neola ; Marcy Township, Boone County ; Summerset ; Mariposa, Mound Prairie, and Rock Creek Townships, Jasper County ; Lake City ; Granger ; Otter Creek Township ; Linn County ; Dexter ; Blencoe ; Woodward ; Dubuque ; Webster, Camp, Madison, and Douglas townships, Polk County ; Austinville ; Carroll ; Nodaway, and Polk townships, Taylor County ; New Albin ; Reasoner ; Ledyard ; Humboldt ; Missouri Valley ; Loveland ; What Cheer ; Seymour ; Cushing ; Rands ; Union ; Vinton ; Clinton ; Spechts Ferry ; Doon ; Tracy ; Martinsburg ; Osceola ; Hynes ; Eldrige ; Monroe ; Keokuk ; Webster ; Audubon ; Polk City ; Pomeroy ; Rhodes ; Ayrshire ; Kellerton ; Weldom ; Primghar ; Quick ; Correctionville ; Central City ; Millville ; LeMars ; Stuart ; Holstein ; Alta Vista ; Milo ; Palmyra ; Breda ; Winfield ; Pacific Junction ; Anthon ; Williams ; Hamilton ; Onslow ; Washington ; Decatur ; Ionia ; North McGregor ; Crescent Township, Pottawattamie County ; Rock and Doon townships, Lyon County ; Liberty, Floyd, Woodbury, Union, Kehdron, Wolf

Creek, Miller, Grant, and Morgan townships, Woodbury County; Riply Township, Butler County; Union Township, Union County, Garfield and Viola townships, Sac County; Van Buren Township, Jackson County; Quincy Township, Adams County; New Hampton and Stapleton townships, Chickasaw County; West Branch and Sherman townships, Sioux County; Cedar Township, Lucas County; Corwith Township, Humboldt County; Soap Creek Township, Davis County; Cedar Township, Floyd County; Otter Creek Township, Crawford County; Barclay Township, Black Hawk County; Sherman Township, Calhoun County; Lincoln Township, Buena Vista County; Scott Township, Fayette County.

*Typhoid fever*.—Crystal Township, Hancock County; Des Moines; Collins.

*Whooping cough*.—Hale Township, Jones County; Corydon.

MICHIGAN.—Reports to the State board of health, Lansing, for the week ended March 22, 1902, from 79 observers, indicate that diarrhea, smallpox, enteric fever, remittent fever, and whooping cough were more prevalent and phthisis pulmonalis and scarlet fever were less prevalent than in the preceding week. Meningitis was reported present at 5, whooping cough at 18, diphtheria at 25, enteric fever at 46, measles at 76, scarlet fever at 102, smallpox at 158, and phthisis pulmonalis at 211 places.

*Grand Rapids*.—Month of February, 1902. Estimated population, 90,000. Total number of deaths, 109, including diphtheria, 1; enteric fever, 5; measles, 1, and 3 from tuberculosis.

NEBRASKA—*Omaha*.—Month of November, 1901. Census population, 102,555. Total number of deaths, 66, including diphtheria, 2; enteric fever, 2, and 6 from tuberculosis.

Month of December, 1901. Total number of deaths, 77, including diphtheria, 2; enteric fever, 1; whooping cough, 2, and 10 from tuberculosis.

NEW YORK—*Rochester*.—Month of January, 1902. Census population, 162,608. Total number of deaths, 179, including diphtheria, 3; enteric fever, 3; scarlet fever, 1, and 20 from phthisis pulmonalis.

Month of February, 1902. Total number of deaths, 173, including whooping cough, 2, and 18 from tuberculosis.

OHIO—*Cleveland*.—Month of February, 1902. Estimated population, 400,000. Total number of deaths, 474, including diphtheria, 22; enteric fever, 12; scarlet fever, 4, and 40 from tuberculosis.

*Toledo*.—Month of February, 1902. Estimated population, 150,000. Total number of deaths, 129, including diphtheria, 2; enteric fever, 2, and 12 from tuberculosis.



*Report of immigration at Baltimore for the week ended March 29, 1902.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Baltimore, March 29, 1902.**Number of alien immigrants who arrived at this port during the week ended March 29, 1902;  
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Mar. 24	Steamship Hannover .....	Bremen .....	1, 159
Do.....	Steamship Brookline .....	Port Antonio .....	1
Mar. 28	Steamship Tritonia .....	Glasgow.....	5
	Total .....		1, 165

LOUIS T. WEIS,  
*Commissioner.**Report of immigration at Boston during week ended March 22, 1902.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Boston, March 22, 1902.**Number of alien immigrants who arrived at this port during the week ended March 22, 1902;  
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Mar. 16	Steamship Boston.....	Yarmouth, Nova Scotia.....	159
Mar. 17	Steamship Admiral Schley.....	Port Morant, Jamaica.....	5
Do.....	Steamship Sagamore.....	Liverpool, England.....	1
Do.....	Steamship Iberian.....	London, England.....	1
Mar. 18	Schooner Hugh John .....	Jordan Bay, Nova Scotia.....	2
Do.....	Steamship Commonwealth .....	Genoa and Naples, Italy.....	1, 796
Mar. 19	Steamship Merion.....	Liverpool, England.....	352
Do.....	Steamship Philadelphian.....	do.....	
Mar. 20	Steamship Boston.....	Yarmouth, Nova Scotia.....	73
Do.....	Steamship Bonavista .....	Halifax, Nova Scotia .....	32
Mar. 21	Steamship Bostonian .....	London, England.....	3
Do.....	Steamship Norwegian.....	Glasgow, Scotland.....	1
	Total.....		2, 425

GEORGE B. BILLINGS,  
*Commissioner.**Report of immigrants inspected at the port of New York, N. Y., during the  
month of February, 1902.*

Total number of immigrants inspected, 33,472; number passed, 33,307; number certified for deportation on account of dangerous contagious or loathsome diseases, or for other physical causes, 165.

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

## Reports from national quarantine

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
<b>UNITED STATES:</b>					
1	Alexandria, Va. ....	Mar. 29	.....	.....	.....
2	Apalachicola, Fla. ....	do.	.....	.....	.....
3	Beaufort, N. C. ....	do.	.....	.....	.....
4	Biscayne Bay, Fla. ....	Mar. 22	.....	.....	.....
5	Boca Grande, Fla. ....	do.	.....	.....	.....
6	Brunswick, Ga. ....	do.	.....	.....	.....
7	Cape Charles, Va. ....	Mar. 29	.....	.....	.....
8	Cape Fear, N. C. ....	Mar. 22	.....	.....	.....
9	Cedar Key, Fla. ....	Mar. 29	.....	.....	.....
10	Columbia River, Oreg. ....	Mar. 15	.....	.....	.....
		Mar. 22	.....	.....	.....
11	Cumberland Sound, Fla. ....	Mar. 29	.....	.....	.....
12	Delaware Break water	Mar. 22	.....	.....	.....
	Quarantine, Lewes, Del.		.....	.....	.....
13	Dutch Harbor, Alaska. ....	.....	.....	.....	.....
14	Eureka, Cal. ....	Mar. 15	.....	.....	.....
		Mar. 22	.....	.....	.....
15	Grays Harbor, Wash. ....	do.	.....	.....	.....
16	Gulf Quarantine, Ship	do.	It. bk. Jura (a).....	Feb. 26	Cape Town via
	Island, Miss. ....		.....	.....	Barbados.
			It. bk. Agestino Ripet-	Mar. 6	Cape Town.....
			to (a)		
			Nor. bk. James G. Pen-	Mar. 7	do .....
			dleton (a)		
17	Key West, Fla. ....	do.	.....	.....	.....
18	Los Angeles, Cal. ....	do.	.....	.....	.....
19	Newbern, N. C. ....	Mar. 15	.....	.....	.....
20	Nome, Alaska. ....	.....	.....	.....	.....
21	Pascagoula, Miss. ....	Mar. 22	.....	.....	.....
22	Port Angeles, Wash. ....	Mar. 8	.....	.....	.....
		Mar. 15	.....	.....	.....
23	Portland, Me. ....	Mar. 22	.....	.....	.....
24	Port Townsend, Wash. ....	do.	Jap. ss. Shakomo Maru...	Mar. 21	Moji.....
25	Punta Grande, Fla. ....	Mar. 28	.....	.....	.....
26	Punta Rasa, Fla. ....	do.	.....	.....	.....
27	Reedy Island, Del. ....	Mar. 22	Br. ss. Bolivia.....	Mar. 17	New York.....
	St. Georges Sound, Fla.:		.....	.....	.....
28	East Pass.....	do.	.....	.....	.....
29	West Pass.....	do.	.....	.....	.....
30	St. Johns River, Fla. ....	do.	Sc. Mary Lee Patton(a)...	Mar. 11	Baltimore .....
31	San Diego, Cal. ....	do.	Ss. Spokane .....	Mar. 18	San Francisco.....
32	San Francisco, Cal. ....	Mar. 15	Am. ss. City of Puebla....	Mar. 9	Victoria .....
			Am. ss. Queen.....	Mar. 13	do .....
			U. S. army transport	Mar. 3	San Francisco.....
			Meade.		
		Mar. 22	Am. bk. Edward May.....	Mar. 16	Kahului.....
			Am. sc. James Ralph.....	Mar. 17	do .....
			Am. sc. Umatilla .....	Mar. 18	Victoria .....

a Previously reported.

*and inspection 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					7
5				No transactions.....	
6					8
7				No report.....	
8					1
9				No report.....	
				44 Lascar and 1 Chinese, members of crew on Br. ss. Quito, from Yokohama, examined.	4
10					4
					3
11				No report.....	
12					1
13				No report.....	
14				No transactions.....	
					1
15				No report.....	
16	Mobile.....	Disinfected and held.....			
	do.....	do.....			
	do.....	do.....			
17				No report.....	
18				do.....	
19				No transactions.....	
20				No report.....	
21					6
22				No transactions.....	
				do.....	
23					1
24	Port Blakeley.....	Crew bathed; dunnage and forecabin disinfected.	Mar. 22	Glandular region of personnel on Am. bk. Kate Davenport and Am. bg. Tanner from Honolulu, examined.	11
25				No report.....	
26				do.....	
27	Philadelphia.....	Boarded and passed.....	Mar. 17		19
28					4
29				No transactions.....	
30	Jacksonville.....	Held for fumigation and disinfection.	Mar. 17	1 case variola removed to pesthouse.	2
31	San Diego.....	Compartments liable to convey infection disinfected; all effects detained.	Mar. 21	1 case smallpox on arrival; 1 malarial fever; 72 crew vaccinated and held; vessel turned over to new crew.	4
32	San Francisco.....	Boarded and passed.....	Mar. 9		
	do.....	do.....	Mar. 13		
	Honolulu, Guam, and Manila.	Vessel disinfected, new crew placed on board, old crew detained with passengers and troops; cases landed and isolated; personnel vaccinated and detained effects disinfected.	Mar. 12	1 case smallpox; 1 case scarlet fever. Physical examination of forecabin crew and steerage passengers on Jap. ss. America Maru from Hongkong; 9 stowaways on Am. ss. Ventura, from Honolulu, held to complete period; malaria on U. S. army transport Sheridan from Manila.	20
	San Francisco.....	Disinfected; crew bathed and effects disinfected.			21
	do.....	do.....	Mar. 19		
	do.....	Boarded and passed.....	Mar. 18	Physical examination of forecabin crew and steerage passengers on Am. ss. City of Peking, from Hongkong.	

## Reports from national quarantine

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
	UNITED STATES—Continued.				
33	San Pedro, Cal.....	Mar. 15	.....	.....	.....
34	Santa Rosa, Fla.....	Mar. 24	It. bk. Nuestro Padre (a).....	Mar. 8	Cape Town.....
			Aust. bk. Buchdale (a).....	Mar. 12	.....do.....
			Hol. bk. Helen (a).....	Mar. 16	Pernambuco.....
			Rus. bk. Elakoon.....	Mar. 22	Cape Town.....
35	Savannah, Ga.....	Mar. 22	Rus. bk. Ailja' (a).....	Mar. 8	.....do.....
			Am. yacht Scythian (a).....	Mar. 14	Cienfuegos.....
36	South Atlantic Quarantine, Blackbeard Island, Ga.	Mar. 15	Swed. bk. Elsa (a).....	Mar. 7	Cape Town.....
			Am. sc. Laura C. Anderson.	Mar. 12	Baltimore.....
		Mar. 22	Swed. bk. Elsa (a).....	Mar. 7	Cape Town.....
			Am. sch. Laura C. Anderson (a).	Mar. 12	Baltimore.....
37	Tampa Bay, Fla.....	.....do.....	.....	.....	.....
38	Washington, N. C.....	.....do.....	.....	.....	.....
	CUBA:				
39	Baracoa.....	Mar. 8	.....	.....	.....
40	Batabano.....	Mar. 22	.....	.....	.....
41	Caibarien.....	Mar. 15	.....	.....	.....
		Mar. 22	.....	.....	.....
42	Cardenas.....	Mar. 15	.....	.....	.....
		Mar. 22	.....	.....	.....
43	Casilda.....	.....do.....	.....	.....	.....
44	Cienfuegos.....	.....do.....	.....	.....	.....
45	Dalquiri.....	Mar. 1	.....	.....	.....
46	Gibara.....	Mar. 15	.....	.....	.....
47	Guantanamo.....	Mar. 1	.....	.....	.....
48	Havana.....	Mar. 22	.....	.....	.....
49	Isabela de Sagua.....	Mar. 15	.....	.....	.....
		Mar. 22	.....	.....	.....
50	Manzanillo.....	Mar. 1	.....	.....	.....
51	Matanzas.....	Mar. 22	.....	.....	.....
52	Nuevitas.....	Mar. 15	.....	.....	.....
53	Puerto Padre.....	Mar. 22	.....	.....	.....
54	Santa Cruz del Sur.....	Mar. 15	.....	.....	.....
55	Santiago de Cuba.....	Mar. 1	Prov. flag ss. Maria Herrera.	Feb. 25	Havana.....
			Fr. cruiser Tage.....	Feb. 27	Martinique.....
	HAWAII:				
56	Hilo.....	.....do.....	.....	.....	.....
57	Honolulu.....	Mar. 8	.....	.....	.....
			.....	.....	.....
58	Kahului.....	.....do.....	.....	.....	.....
59	Kihel, Maui.....	.....do.....	.....	.....	.....
60	Koloa, Kauai.....	.....do.....	.....	.....	.....
61	Lahaina.....	.....do.....	.....	.....	.....

a Previously reported.

*and inspection stations—Continued.*

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
33				No report.....	
34	Pensacola .....	Ballast discharged; vessel fumigated.	Mar. 12		2
	do .....	do .....	Mar. 24		
	do .....	Discharging ballast			
	do .....	Held to discharge ballast and fumigate.			
35	Savannah .....	Fumigated and ballast discharged.	Mar. 20		1
	Boston .....	In quarantine for a harbor.	Mar. 18	Sailed for Boston .....	
36	Brunswick .....	Held for disinfection.		Remanded from Brunswick.	1
	Charleston .....	do .....		Remanded from Charleston; 1 case of smallpox; sick removed to hospital and all hands vaccinated.	
	Brunswick .....	do .....		Remanded from Brunswick.	1
	Charleston .....	Disinfected and held.		Remanded from Charleston; 1 case smallpox.	
37					2
38				No transactions.....	
39					3
40					7
41					5
					12
42				16 vessels passed without inspection.	1
				13 vessels passed without inspection.	3
43					14
44				3 vessels passed without inspection.	11
45					1
46				No report .....	
47				3 vessels passed without inspection.	2
48					34
49				8 vessels passed without inspection.	1
				10 vessels passed without inspection.	2
50				1 vessel passed without inspection.	6
51				7 vessels passed without inspection.	2
52				3 vessels passed without inspection.	3
53				No report.....	
54					6
55	San Juan.....	Vessel and all effects disinfected.	Feb. 25		
	Havana .....	Boarded and passed; sick visited.	Feb. 27	1 case enteric fever, 1 case malarial. 5 vessels passed without inspection. Br. ss. Centennial, from Montego Bay, Jamaica, cattle; ordered to be cleaned.	8
56				No transactions.....	
57				Glandular region of crew and steerage on Am. ss. Ventura, from Sydney, examined; baggage of passengers for Honolulu disinfected.	10
58				No transactions.....	
59				do .....	
60				do .....	
61				do .....	

*Reports from national quarantine*

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure
	<b>PHILIPPINES:</b>				
63	Cebu.....	Feb. 15	.....	.....	.....
63	Iloilo.....	.....do.....	.....	.....	.....
64	Manila.....	Feb. 8	.....	.....	.....
		Feb. 15	.....	.....	.....
	<b>PORTO RICO:</b>				
65	Ponce.....	Mar. 15	.....	.....	.....
66	San Juan.....	.....do.....	U. S. S. Dixie.....	Mar. 15	Madeira.....
	Subports—				
67	Aguadilla.....	.....do.....	.....	.....	.....
68	Arecibo.....	.....do.....	.....	.....	.....
69	Arroyo.....	.....do.....	.....	.....	.....
70	Fajardo.....	.....do.....	.....	.....	.....
71	Humacao.....	.....do.....	.....	.....	.....
72	Mayaguez.....	.....do.....	Sc. IV Roma.....	Mar. 14	Macoris.....

*Reports from State and*

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
1	Baltimore, Md.....	Mar. 29	.....	.....	.....
2	Bangor, Me.....	.....do.....	.....	.....	.....
3	Boston, Mass.....	.....do.....	.....	.....	.....
4	Charleston, S. C.....	Mar. 22	Sp. bk. Josefa.....	Mar. 20	Havana.....
5	Elizabeth River, Va.....	Mar. 29	.....	.....	.....
6	Galveston, Tex.....	Mar. 22	Br. ss. Warrior.....	Mar. 16	Calcutta.....
7	Gardiner, Oreg.....	.....do.....	.....	.....	.....
8	Marcus Hook, Pa.....	Mar. 29	.....	.....	.....
9	Mobile Bay, Ala.....	Mar. 22	.....	.....	.....
10	New Bedford, Mass.....	Mar. 29	.....	.....	.....
11	New Orleans, La.....	Mar. 22	Br. ss. Honorius.....	Mar. 21	Durban.....
			Br. ss. Yeddo.....	.....do.....	East London, S. A
12	Newport News, Va.....	Mar. 29	.....	.....	.....
13	Newport, R. I.....	.....do.....	.....	.....	.....
14	New York, N. Y.....	.....do.....	.....	.....	.....
15	Pasos Cavallo, Tex.....	.....do.....	.....	.....	.....
16	Port Royal, S. C.....	.....do.....	.....	.....	.....
17	Providence, B. I.....	.....do.....	.....	.....	.....
18	Quintana, Tex.....	.....do.....	.....	.....	.....
19	Sabine Pass, Tex.....	.....do.....	.....	.....	.....
20	St. Helena Entrance S. C....	.....do.....	.....	.....	.....

*and inspection stations—Continued.*

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
62	.....	.....	.....	.....	16
63	.....	.....	.....	No report.....	56
64	.....	.....	.....	.....	61
65	.....	.....	.....	.....	.....
66	Norfolk .....	Boarded and passed.....	Mar. 15	No report On medical officer's certificate.	7
67	.....	.....	.....	.....	1
68	.....	.....	.....	.....	1
69	.....	.....	.....	.....	1
70	.....	.....	.....	No transactions.....	.....
71	.....	.....	.....	.....	1
72	Mayaguez .....	Held in quarantine.....	Mar. 14	.....	1

*municipal quarantine stations.*

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed
1	.....	.....	.....	No report.....	.....
2	.....	.....	.....	.....	1
3	.....	.....	.....	No report.....	.....
4	Charleston .....	Ballast discharged; vessel and clothing disinfected.	Mar. 22	.....	1
5	.....	.....	.....	No report.....	.....
6	Galveston .....	Fumigated and held.....	Mar. 18	.....	5
7	.....	.....	.....	No report .....	.....
8	.....	.....	.....	do.....	.....
9	.....	.....	.....	.....	18
10	.....	.....	.....	No report.....	.....
11	New Orleans.....	Disinfected.....	Mar. 21	.....	.....
12	do .....	do .....	Mar. 22	.....	.....
13	.....	.....	.....	No report, .....	.....
14	.....	.....	.....	do .....	.....
15	.....	.....	.....	do .....	.....
16	.....	.....	.....	do .....	.....
17	.....	.....	.....	do .....	.....
18	.....	.....	.....	do .....	.....
19	.....	.....	.....	do .....	.....
20	.....	.....	.....	do .....	.....

***Smallpox in the United States as reported to the Surgeon-General United States Marine-Hospital Service, December 28, 1901, to April 4, 1902.***

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Alabama:</b>				
Birmingham .....	Dec. 1-Feb. 28	18	.....	
Total for State, same period, 1901.	.....	45	3	
<b>Alaska:</b>				
Hooniah.....	Dec. 8-Dec. 31	8	.....	
<b>Arizona:</b>				
Naco.....	Feb. 23.....	12	.....	
Yuma.....	Jan. 1.....	100	.....	Estimated.
Total for Territory.....	.....	112	.....	
<b>Arkansas:</b>				
Mississippi County.....	Feb. 18.....	.....	100	
Pulaski County (including Little Rock).	Jan. 12-Jan. 22	50	1	
Total for State.....	.....	50	101	
<b>California:</b>				
Humboldt County.....	Feb. 2.....	30	.....	
Los Angeles.....	Dec. 29-Mar. 15	47	.....	
Oakland.....	Jan. 1-Jan. 31	5	.....	
Sacramento.....	Feb. 2-Mar. 15	7	.....	
San Diego.....	Jan. 23-Mar. 20	3	.....	
San Francisco.....	Dec. 16-Mar. 23	117	.....	One case on ss. Spokane.
Stockton.....	Jan. 1-Jan. 13	24	.....	
Total for State.....	.....	233	.....	
Total for State, same period, 1901.	.....	47	.....	
<b>Colorado:</b>				
Arapahoe County (Denver).....	Dec. 1-Mar. 22	39	.....	
Archuleta County.....	Dec. 1-Feb. 28	23	.....	
Bent County.....	Feb. 1-Feb. 28	10	.....	
Boulder County.....	.....do.....	3	.....	
Chaffee County.....	Dec. 1-Feb. 28	1	.....	
Clear Creek County.....	.....do.....	4	.....	
Delta County.....	.....do.....	57	.....	
El Paso County.....	.....do.....	48	.....	
Fremont County.....	.....do.....	4	.....	
Gilpin County.....	.....do.....	38	.....	
Grand County.....	Feb. 1-Feb. 28	12	.....	
Gunnison County.....	Dec. 1-Jan. 31	14	.....	
Hinsdale County.....	Dec. 1-Jan. 31	35	.....	
Huerfano County.....	.....do.....	1	.....	
Jefferson County.....	.....do.....	8	.....	
La Plata County.....	Dec. 1-Feb. 28	4	.....	
Las Animas County.....	.....do.....	21	.....	
Logan County.....	.....do.....	3	.....	
Mesa County.....	.....do.....	68	.....	
Mineral County.....	Dec. 1-Jan. 31	1	.....	
Montrose County.....	Dec. 1-Feb. 28	32	.....	
Morgan County.....	Dec. 1-Jan. 31	1	.....	
Otero County.....	Dec. 1-Feb. 28	19	.....	
Pitkin County.....	.....do.....	3	.....	
Prowers County.....	Feb. 1-Feb. 28	2	.....	
Pueblo County.....	Dec. 1-Feb. 28	14	.....	
Rio Blanco County.....	Feb. 1-Feb. 28	11	.....	
Rio Grande County.....	Dec. 1-Feb. 28	12	.....	
San Juan County.....	Feb. 1-Feb. 28	1	.....	
San Miguel County.....	Dec. 1-Feb. 28	19	.....	
Teller County.....	.....do.....	6	.....	
Weld County.....	Feb. 1-Feb. 28	26	.....	
Total for State.....	.....	540	.....	
Total for State, same period, 1901.	.....	1,190	.....	
<b>District of Columbia:</b>				
Washington.....	Jan. 12-Mar. 8	7	.....	
Total for District, same period, 1901.	.....	40	.....	



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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Florida:</b>				
Escambia County.....	Mar. 4.....	1	.....	1 on sc. M. S. Patten.
Jacksonville.....	Mar. 9-Mar. 22	10	.....	
Key West.....	Feb. 5.....	1	.....	
Total for State.....		12	.....	
Total for State, same period, 1901.		67	.....	
<b>Georgia:</b>				
South Atlantic Quarantine.....	Mar. 12.....	1	.....	On sc. L. C. Anderson.
Total for State, same period, 1901.		18	.....	
<b>Illinois:</b>				
Belleville.....	Jan. 12-Mar. 22	26	.....	
Chicago.....	Jan. 5-Mar. 29	76	1	
Danville.....	Jan. 19-Mar. 1	19	.....	
Freeport.....	Jan. 5-Feb. 6	6	.....	
Galesburg.....	Jan. 12-Mar. 1	13	.....	
Joliet.....	Mar. 2-Mar. 22	9	.....	
Peoria.....	Dec. 1-Feb. 28	67	.....	
Springfield.....	Dec. 1-Jan. 31	314	.....	
Total for State.....		530	1	
Total for State, same period, 1901.		291	2	
<b>Indiana:</b>				
Adams County.....	Jan. 1-Feb. 28	65	.....	
Allen County.....	Feb. 1-Feb. 28	5	.....	
Cass County.....	.....do.....	5	1	
Clark County.....	.....do.....	13	.....	
Clay County.....	.....do.....	3	.....	
Daviess County.....	Jan. 1-Jan. 31	15	.....	
Dearborn County.....	.....do.....	11	.....	
Decatur County.....	.....do.....	2	.....	
DeKalb County.....	.....do.....	1	.....	
Delaware County (Muncie) ..	Jan. 1-Feb. 28	6	1	
Dubois County.....	Feb. 1-Feb. 28	17	.....	
Elkhart County (Elkhart).....	Feb. 2-Mar. 15	37	.....	
Floyd County.....	Jan. 1-Jan. 31	9	.....	
Fountain County.....	Jan. 1-Feb. 28	52	.....	
Gibson County.....	.....do.....	31	.....	
Grant County.....	.....do.....	16	.....	
Greene County.....	.....do.....	26	.....	
Hancock County.....	Feb. 1-Feb. 28	15	.....	
Howard County.....	Jan. 31-Feb. 28	11	1	
Huntington County.....	Feb. 1-Feb. 28	17	.....	
Jackson County.....	.....do.....	2	.....	
Jay County.....	.....do.....	5	.....	
Jefferson County.....	Jan. 1-Jan. 31	17	1	
Knox County.....	Jan. 1-Feb. 28	66	1	
Lagrange County.....	Feb. 1-Feb. 28	2	.....	
Laporte County (Michigan City).	Feb. 17-Mar. 17	2	.....	
Marion County (Indianapolis)	Jan. 1-Mar. 22	130	.....	
Marshall County.....	Jan. 1-Jan. 31	7	.....	
Martin County.....	Feb. 1-Feb. 28	6	.....	
Monroe County.....	Jan. 1-Jan. 31	8	.....	
Montgomery County (Crawfordsville).	Jan. 1-Mar. 8	60	.....	
Morgan County.....	Jan. 1-Feb. 28	30	.....	
Noble County.....	Feb. 1-Feb. 28	24	.....	
Owen County.....	Jan. 1-Feb. 28	20	.....	
Perry County.....	.....do.....	37	1	
Pike County.....	Jan. 1-Jan. 31	7	.....	
Porter County.....	Feb. 1-Feb. 28	1	.....	
Pulaski County.....	.....do.....	8	1	
Shelby County.....	Jan. 1-Feb. 28	15	1	
Spencer County.....	.....do.....	100	.....	
Union County.....	.....do.....	3	.....	
Vanderburg County (Evansville).	Dec. 15-Mar. 22	79	.....	
Vigo County (Terre Haute).....	Jan. 1-Mar. 15	17	.....	
Wabash County.....	Jan. 1-Feb. 28	12	.....	
Warrick County.....	.....do.....	78	1	
Wayne County.....	.....do.....	48	.....	
Wells County.....	.....do.....	14	.....	
Total for State.....		1,155	9	
Total for State, same period, 1901.		62	.....	

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Indian Territory:</b>				
Duncan .....	Feb. 4.....	6		
Total for Territory, same period, 1901.		16		
<b>Iowa:</b>				
Adair County.....	Jan. 1-Jan. 31			Present.
Allamakee County.....	do			Do.
Benton County.....	do			Do.
Boone County.....	do			Do.
Buena Vista County.....	do			Do.
Cherokee County.....	do			Do.
Chicasaw County.....	Nov. 1-Jan. 31			Do.
Clayton County.....	Nov. 1-Feb. 15			Do.
Clinton County (Clinton).....	Nov. 1-Mar. 22	19		
Crawford County.....	Nov. 1-Feb. 15			Do.
Dallas County.....	do			Do.
Davis County.....	do			Do.
Delaware County.....	do			Do.
Des Moines County.....	do			Do.
Dubuque County.....	do			Do.
Floyd County.....	do			Do.
Fremont County.....	do			Do.
Hardin County.....	Jan. 1-Jan. 31			Do.
Henry County.....	do			Do.
Ida County.....	Nov. 1-Jan. 31			Do.
Iowa County.....	do			Do.
Jasper County.....	Jan. 1-Jan. 31			Do.
Linn County.....	do			Do.
Louisa County.....	Nov. 1-Jan. 31			Do.
Lucas County.....	Jan. 1-Jan. 31			Do.
Lyon County.....	Nov. 1-Jan. 31			Do.
Mahaska County.....	Jan. 1-Jan. 31			Do.
Monroe County.....	do			Do.
Montgomery County.....	do			Do.
O'Brien County.....	Nov. 1-Jan. 31			Do.
Osceola County.....	Jan. 1-Jan. 31			Do.
Plymouth County.....	do			Do.
Pocahontas County.....	do			Do.
Polk County.....	Nov. 1-Jan. 31			Do.
Poweshiek County.....	Jan. 1-Jan. 31			Do.
Sac County.....	Nov. 1-Jan. 31			Do.
Scott County (Davenport).....	Dec. 1-Feb. 28	33		
Sioux County.....	Jan. 1-Jan. 31			Do.
Taylor County.....	do			Do.
Wapello County (Ottumwa).....	Dec. 1-Mar. 1	121		
Warren County.....	Nov. 1-Jan. 31			Do.
Washington County.....	Jan. 1-Jan. 31			Do.
Woodbury County.....	do			Do.
Worth County.....	do			Do.
Total for State.....		173		
Total for State, same period, 1901.		40		
<b>Kansas:</b>				
Allen County.....	Dec. 1-Feb. 28	40		
Anderson County.....	do	12		
Brown County.....	do	2		
Chautauqua County.....	do	72		
Cherokee County.....	do	18		
Clay County.....	do	5		
Cloud County.....	do	100		
Cowley County.....	do	12		
Crawford County (Girard).....	do	126		
Decatur County.....	do	40		
Dickinson County.....	Feb. 1-Feb. 28	20		
Ellsworth County.....	do	6		
Greenwood County.....	Dec. 1-Feb. 28	20		
Hamilton County.....	do	70		
Harper County.....	Feb. 1-Feb. 28	5		
Jackson County.....	do	7		
Jefferson County.....	Dec. 1-Feb. 28	10		
Jewell County.....	do	8		
Kingman County.....	do	2		
Labette County.....	do	2		
Leavenworth County.....	do	1		
Lincoln County.....	do	7		
McPherson County.....	Feb. 1-Feb. 28	23		
Marion County.....	Dec. 1-Feb. 28	1		
Marshall County.....	do	82		

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Kansas—Continued.</b>				
Miami County.....	Feb. 1-Feb. 28	2		Number not known.
Mitchell County (Beloit).....	Dec. 1-Feb. 28	70		
Montgomery County (Coffeyville).	.....do.....	22		
Morris County.....	Feb. 1-Feb. 28			
Nemaha County.....	Dec. 1-Feb. 28	4		
Osborne County.....	Feb. 1-Feb. 28	2		
Ottawa County.....	Dec. 1-Feb. 28	35		
Phillips County.....	.....do.....	39		
Rawlins County.....	Feb. 1-Feb. 28	8		
Reno County.....	Dec. 1-Feb. 28	2		
Saline County (Salina).....	.....do.....	61		
Sedgwick County (Wichita)...	Dec. 1-Mar. 22	31		
Shawnee County.....	.....do.....	46		
Smith County.....	.....do.....	19		
Stafford County.....	.....do.....	41	1	
Sumner County.....	.....do.....	65		
Thomas County.....	Feb. 1-Feb. 28	2		
Washington County.....	Dec. 1-Feb. 28	141		
Total for State.....		1,284	1	
Total for State, same period, 1901.		2,265	14	
<b>Kentucky:</b>				
Covington.....	Jan. 27-Mar. 23	54		
Lexington.....	Dec. 22-Mar. 15	18	2	
Louisville.....	Jan. 1-Jan. 31	19		
Total for State.....		91	2	
Total for State, same period, 1901.		31	1	
<b>Louisiana:</b>				
Caddo.....	Jan. 1-Mar. 1	145		
Catahoula.....	Feb. 1-Mar. 1	1		
Nachitoches.....	.....do.....	19	1	
New Orleans.....	Dec. 15-Mar. 15	23	4	
Ninon.....	Feb. 1-Mar. 1	1		
Sabine.....	.....do.....	6		
Shreveport.....	Dec. 15-Mar. 15	126		
Total for State.....		321	5	
Total for State, same period, 1901.		171	39	
<b>Maine:</b>				
Durham.....	Feb. 15-Mar. 22	13		
Freeport.....	Feb. 19-Mar. 22	1		
Hollis.....	Mar. 7-Mar. 22	1		
Portland.....	Dec. 22-Mar. 22	25	3	
Saco.....	Mar. 7-Mar. 22	6		
Scarboro.....	.....do.....	1		
South Portland.....	.....do.....	4		
Washington Mills.....	To Mar. 22.....	1		
Westbrook.....	.....do.....	1		
Total for State.....		53	3	
Total for State, same period, 1901.		1		
<b>Maryland:</b>				
Baltimore.....	Feb. 2-Mar. 15	15		
Total for State.....				
Total for State, same period, 1901.		16		
<b>Massachusetts:</b>				
Blackstone.....	Jan. 2-Jan. 8	2		
Boston.....	Dec. 22-Mar. 29	441	79	
Brockton.....	Dec. 29-Feb. 8	6		
Brookline.....	Jan. 12-Jan. 25	2		
Cambridge.....	Dec. 15-Mar. 22	47	5	
Chelsea.....	Dec. 29-Jan. 4	1		
Chicopee.....	Jan. 19-Mar. 15	3		
Clinton.....	Jan. 5-Jan. 11	3		
Everett.....	Jan. 26-Feb. 21	9	1	
Fall River.....	Dec. 22-Feb. 8	2		
Fitchburg.....	Mar. 16-Mar. 22	3		
Haverhill.....	Feb. 23-Mar. 15	2		
Holyoke.....	Jan. 12-Mar. 15	36		

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Massachusetts—Continued.</b>				
Lawrence .....	Mar. 2-Mar. 22	7	1	
Lowell.....	Dec. 29-Feb. 8	10	.....	
Malden.....	Dec. 15-Mar. 22	9	1	
Marlboro.....	Jan. 5-Jan. 11	1	.....	
Medford.....	Dec. 22-Mar. 29	6	.....	
New Bedford.....	Jan. 17-Mar. 8	21	.....	
Newburyport.....	Jan. 26-Mar. 22	9	1	
Newton.....	Dec. 29-Jan. 4	1	.....	
North Adams.....	Feb. 23-Mar. 1	1	.....	
Quincy.....	Dec. 22-Mar. 8	8	2	
Somerville.....	Dec. 29-Mar. 22	16	1	
Taunton.....	Feb. 9-Feb. 15	3	.....	
Waltham.....	Jan. 26-Mar. 1	3	1	
Weymouth.....	Jan. 5-Mar. 1	5	1	
Woburn.....	Dec. 15-Feb. 1	2	1	
Total for State.....		659	94	
Total for State, same period, 1901.....		12		
<b>Michigan:</b>				
Alcona County.....	Mar. 15-Mar. 22	.....	.....	Present.
Allegan County.....	Feb. 15-Mar. 22	.....	.....	Do.
Alpena County.....	Feb. 22-Mar. 22	.....	.....	Do.
Antrim County.....	Feb. 15-Mar. 22	.....	.....	Do.
Arenac County.....	.....do.....	.....	.....	Do.
Barry County.....	Feb. 15-Mar. 1	.....	.....	Do.
Bay County (Bay City).....	Jan. 25-Mar. 22	15	.....	
Benzie County.....	Feb. 22-Mar. 1	.....	.....	Do.
Berrien County.....	Feb. 22-Mar. 22	.....	.....	Do.
Branch County.....	Feb. 15-Mar. 22	.....	.....	Do.
Cass County.....	.....do.....	.....	.....	Do.
Charlevoix County.....	.....do.....	.....	.....	Do.
Cheboygan County.....	Feb. 15-Mar. 1	.....	.....	Do.
Chippewa County.....	Mar. 15-Mar. 22	.....	.....	Do.
Clare County.....	Feb. 15-Mar. 22	.....	.....	Do.
Clinton County.....	.....do.....	.....	.....	Do.
Crawford County.....	Feb. 15-Mar. 1	.....	.....	Do.
Delta County.....	Feb. 15-Mar. 22	.....	.....	Do.
Dickinson County.....	Feb. 15-Mar. 1	.....	.....	Do.
Emmet County.....	Feb. 15-Feb. 22	.....	.....	Do.
Genesee County.....	Feb. 15-Mar. 22	.....	.....	Do.
Gladwin County.....	Feb. 15-Mar. 1	.....	.....	Do.
Gogebic County.....	Feb. 15-Feb. 22	.....	.....	Do.
Grand Traverse County.....	Feb. 15-Mar. 22	.....	.....	Do.
Gratiot County.....	Feb. 15-Mar. 1	.....	1	Do.
Houghton County.....	.....do.....	.....	.....	Do.
Huron County.....	Mar. 15-Mar. 22	.....	.....	
Ingham County.....	Feb. 15-Mar. 1	.....	.....	Do.
Ionia County.....	.....do.....	.....	.....	Do.
Iron County.....	.....do.....	.....	.....	Do.
Isabella County.....	.....do.....	.....	.....	Do.
Kalamazoo County.....	Feb. 22-Mar. 22	.....	.....	Do.
Kalkaska County.....	Feb. 15-Mar. 22	.....	.....	Do.
Kent County (Grand Rapids).....	Dec. 15-Mar. 29	13	1	
Lake County.....	Feb. 22-Mar. 22	.....	.....	Do.
Lapeer County.....	.....do.....	.....	.....	Do.
Leelanaw County.....	Feb. 15-Feb. 22	.....	.....	Do.
Livingston County.....	Mar. 15-Mar. 22	.....	.....	Do.
Mackinac County.....	Feb. 15-Mar. 22	.....	.....	Do.
Macomb County.....	Feb. 15-Mar. 1	.....	.....	Do.
Manistee County.....	.....do.....	.....	.....	Do.
Marquette County.....	.....do.....	.....	.....	Do.
Mason County (Ludington).....	Jan. 27-Mar. 29	61	.....	
Mecosta County.....	Feb. 15-Mar. 22	.....	.....	Do.
Menominee County.....	Feb. 22-Mar. 1	.....	.....	Do.
Midland County.....	.....do.....	.....	.....	Do.
Missaukee County.....	.....do.....	.....	.....	Do.
Montcalm County.....	.....do.....	.....	.....	Do.
Montmorency County.....	.....do.....	.....	.....	Do.
Muskegon County.....	.....do.....	.....	.....	Do.
Newaygo County.....	.....do.....	.....	.....	Do.
Oakland County.....	Feb. 15-Feb. 22	.....	.....	Do.
Oceana County.....	Feb. 15-Mar. 22	.....	.....	Do.
Ogemaw County.....	Feb. 15-Mar. 1	.....	.....	Do.
Osceola County.....	.....do.....	.....	1	Do.
Otsego County.....	.....do.....	.....	.....	Do.
Ottawa County.....	.....do.....	.....	.....	Do.
Presque Isle County.....	.....do.....	.....	1	Do.
Saginaw County.....	.....do.....	.....	.....	Do.
St. Clair County.....	Feb. 22-Mar. 1	.....	.....	Do.

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Michigan—Continued.</b>				
Sanilac County.....	Feb. 22-Mar. 22	.....	.....	Present.
Shiawassee County.....	Feb. 22-Mar. 1	.....	.....	Do.
Tuscola County.....	.....do	.....	.....	Do.
Van Buren County.....	.....do	.....	.....	Do.
Washtenaw County (Ann Arbor).....	Jan. 12-Jan. 18	14	.....	.....
Wayne County (Detroit).....	Jan. 5-Mar. 29	71	1	.....
Wexford County.....	Feb. 15-Mar. 22	.....	.....	Do.
<b>Total for State.....</b>	.....	<b>174</b>	<b>5</b>	<b>Smallpox was reported at 158 places during the week ended Mar. 22.</b>
<b>Total for State, same period, 1901.....</b>	.....	<b>48</b>	.....	.....
<b>Minnesota:</b>				
Aitkin County.....	Dec. 3-Mar. 3	19	.....	.....
Anoka County.....	Dec. 3-Mar. 3	47	.....	.....
Becker County.....	Dec. 3-Mar. 17	70	.....	.....
Beltrami County.....	.....do	186	1	.....
Benton County.....	Dec. 3-Mar. 3	8	.....	.....
Big Stone County.....	Dec. 3-Mar. 17	61	2	.....
Blue Earth County.....	.....do	86	.....	.....
Brown County.....	Jan. 27-Mar. 3	7	.....	.....
Carver County.....	Dec. 3-Mar. 17	343	3	.....
Cass County.....	.....do	53	.....	.....
Chippewa County.....	Dec. 3-Mar. 10	10	.....	.....
Chisago County.....	.....do	6	.....	.....
Clay County.....	.....do	239	.....	.....
Cottonwood County.....	Dec. 3-Mar. 17	30	.....	.....
Crow Wing County.....	Dec. 3-Mar. 10	102	2	.....
Dakota County.....	Dec. 3-Mar. 3	43	.....	.....
Dodge County.....	.....do	12	.....	.....
Douglas County.....	Jan. 27-Mar. 10	17	.....	.....
Faribault County.....	Dec. 3-Mar. 10	85	.....	.....
Fillmore County.....	Jan. 20-Mar. 17	29	.....	.....
Freeborn County.....	.....do	7	.....	.....
Goodhue County.....	Dec. 3-Mar. 17	125	.....	.....
Grant County.....	Feb. 17-Feb. 24	2	.....	.....
Hennepin County (Minneapolis).....	Dec. 3-Mar. 17	329	1	.....
Houston County.....	.....do	75	.....	.....
Hubbard County.....	.....do	138	.....	.....
Isanti County.....	Dec. 3-Mar. 10	.....	1	.....
Itasca County.....	Dec. 3-Mar. 17	42	.....	.....
Jackson County.....	Dec. 3-Mar. 10	162	.....	.....
Kanabec County.....	Dec. 3-Feb. 24	106	.....	.....
Kandiyohi County.....	Dec. 3-Mar. 17	32	.....	.....
Kittson County.....	.....do	65	.....	.....
Lac qui Parle County.....	Dec. 3-Feb. 24	6	.....	.....
Lake County.....	Feb. 17-Feb. 24	2	.....	.....
Le Sueur County.....	Dec. 3-Feb. 24	16	.....	.....
Lincoln County.....	Dec. 3-Mar. 17	146	1	.....
Lyon County.....	Dec. 3-Mar. 3	10	.....	.....
McLeod County.....	Dec. 3-Mar. 17	83	.....	.....
Marshall County.....	.....do	85	.....	.....
Martin County.....	.....do	94	.....	.....
Meeker County.....	.....do	42	.....	.....
Millelacs County.....	.....do	31	.....	.....
Morrison County.....	.....do	51	.....	.....
Mower County.....	.....do	90	.....	.....
Murray County.....	Dec. 3-Mar. 3	6	.....	.....
Nicollet County.....	Jan. 27-Feb. 24	9	.....	.....
Nobles County.....	Jan. 1-Mar. 10	10	.....	.....
Norman County.....	Dec. 3-Mar. 3	94	2	.....
Olmsted County (Rochester).....	Dec. 3-Mar. 10	43	.....	.....
Ottertail County.....	Dec. 3-Mar. 17	104	1	.....
Pine County.....	Dec. 3-Feb. 24	5	.....	.....
Pipestone County.....	Dec. 3-Mar. 17	312	1	.....
Polk County.....	.....do	128	.....	.....
Pope County.....	Dec. 3-Mar. 3	78	1	.....
Ramsey County (St. Paul).....	Dec. 3-Mar. 17	66	.....	.....
Red Lake County.....	.....do	141	5	.....
Red Wood County.....	.....do	84	1	.....
Renville County.....	Dec. 3-Mar. 10	29	.....	.....
Rice County.....	.....do	47	.....	.....
Rock County.....	Dec. 3-Mar. 17	49	.....	.....
Roseau County.....	Jan. 20-Mar. 17	10	.....	.....
St. Louis County (Duluth).....	Dec. 3-Mar. 17	149	1	.....
Scott County.....	Dec. 3-Mar. 10	28	.....	.....
Sherburne County.....	Dec. 3-Mar. 17	5	.....	.....

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Minnesota—Continued.</b>				
Sibley County.....	Dec. 3-Feb. 24	8		
Stearns County.....	Dec. 3-Mar. 17	120		
Steele County.....	.....do	27		
Stevens County.....	Dec. 3-Feb. 24	13		
Swift County.....	Jan. 27-Mar. 10	10		
Todd County.....	Dec. 3-Mar. 17	86		
.....do		65		
Traverse County.....	Dec. 3-Mar. 22	21		
Wabasha County.....	Dec. 3-Mar. 10	33		
Wadena County.....	Jan. 27-Mar. 22	66		
Washington County.....	Dec. 3-Mar. 22	39		
Watonswan County.....	Dec. 3-Mar. 10	4		
Wilkin County.....	.....do	8		
Winona County (Winona).....	Dec. 3-Mar. 17	37		
Wright County.....	.....do	51		
Yellow Medicine County.....	Dec. 3-Feb. 24	1		
Total for State.....		5,195	23	
Total for State, same period, 1901.		1,991	3	
<b>Missouri:</b>				
Carthage.....	Jan. 1-Feb. 28	47		
Hannibal.....	Jan. 12-Feb. 28	7		
St. Louis.....	Dec. 16-Mar. 23	1,146	11	
Total for State.....		1,200	11	
Total for State, same period, 1901.		144	1	
<b>Montana:</b>				
Butte.....	Jan. 13-Mar. 9	23	1	
Total for State.....				
Total for State, same period, 1901.		218	2	
<b>Nebraska:</b>				
Omaha.....	Dec. 15-Mar. 22	474	2	
South Omaha.....	July 1-Mar. 15	572	1	
Total for State.....		1,046	3	
Total for State, same period, 1901.		583	4	
<b>New Hampshire:</b>				
Nashua.....	Dec. 15-Feb. 22	15		
Total for State, same period, 1901.		315		
<b>New Jersey:</b>				
Camden County.....	Dec. 22-Mar. 29	110	20	
Essex County (Newark).....	Dec. 15-Mar. 22	382	69	
Hudson County (Jersey City included.)	Dec. 23-Mar. 23	435	14	
Passaic County.....	Nov. 16-Feb. 8	8	3	
Somerset County (Plainfield)	Jan. 12-Jan. 18	4		
Union County.....	Feb. 23-Mar. 15	14	2	
Total for State.....		953	108	
Total for State, same period, 1901.		17	1	
<b>New York:</b>				
Binghamton.....	Dec. 22-Mar. 22	30	3	
Buffalo.....	June 25-Mar. 27	314		
Middletown.....	Feb. 1-Feb. 28	1		
Mount Vernon City.....	Jan. 12-Jan. 18	1	1	
New York.....	Dec. 15-Mar. 22	535	120	
Plattsburg.....	Dec. 1-Dec. 28	19		
Yonkers.....	Feb. 15-Mar. 28	6	1	
Total for State.....		906	125	
Total for State, same period, 1901.		457	77	
<b>North Carolina:</b>				
Buncombe County.....	Nov. 1-Jan. 31	76		
Cabarrus County.....	.....do	111		
Carteret County (Morehead City.)	Feb. 8.....	1		On a vessel

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>North Carolina—Continued.</b>				
Cleveland County .....	Jan. 1-Jan. 31	1		
Cumberland County.....	do	1		
Duplin County.....	Nov. 1-Jan. 31	35		
Durham County.....	do	5		
Edgecombe County.....	do	6		
Forayth County.....	do	50		
Gaston County.....	do	10		
Greene County.....	do	14		
Henderson County.....	do	12		
Iredell County.....	Nov. 1-Jan. 31			Present.
Lenoir County.....	Jan. 1-Jan. 31	3		
Madison County.....	do	7		
Martin County.....	do	1		
Mecklenburg County (Char-	Nov. 1-Feb. 28	148	1	Imported.
lotte.)				
Nash County.....	Nov. 1-Jan. 31	21		
New Hanover County (Wil-	Mar. 7	1		
mington.)				
Polk County.....	Nov. 1-Feb. 28	9		
Rockingham County.....	do	15		
Rowan County.....	do	2		
Rutherford County.....	do	3		
Sampson County.....	do	39		
Stanly County.....	Jan. 1-Jan. 31	10		
Surry County.....	do	1		
Swain County.....	Nov. 1-Jan. 31	3		
Union County.....	do	3		
Wayne County.....	do	32		
Wilson County.....	do	216	1	
Total for State .....		836	2	
Total for State, same period,		264	2	
1901.				
<b>North Dakota:</b>				
Barnes County.....	Dec. 4-Mar. 18	53	2	
Benson County.....	Mar. 8-Mar. 18	4		
Bottineau County.....	Dec. 21-Feb. 22	2	1	
Burleigh County.....	Mar. 8-Mar. 18	3		
Cass County.....	Dec. 31-Mar. 1	47		
Cavalier County.....	Jan. 1-Mar. 1	58		
Eddy County.....	Jan. 13-Feb. 22	1		
Foster County.....	Jan. 1-Feb. 22			Several cases.
Grand Forks County.....	Dec. 31-Mar. 18	155	2	
Griggs County.....	Dec. 27-Mar. 18	19		
Kidder County.....	Dec. 23-Feb. 22	9		
Lamoure County.....	Dec. 3-Feb. 22	6		
McHenry County.....	Dec. 24-Feb. 22	36		
McLean County.....	Feb. 1-Feb. 22	1		
Nelson County.....	Dec. 31-Mar. 1	60		
Oliver County.....	Mar. 8-Mar. 18	4		
Pembina County.....	Dec. 31-Mar. 18	10		
Pierce County.....	Jan. 1-Mar. 18	34		
Ramsey County.....	do	11		
Richland County.....	Mar. 8-Mar. 18	9		
Steele County.....	Dec. 30-Feb. 22	4		
Stutsman County.....	Dec. 31-Mar. 18	15		
Traill County.....	Jan. 1-Mar. 1	32		
Walsh County.....	Dec. 31-Mar. 18	4		
Ward County.....	July 1-Feb. 22	70		
Wells County.....	Dec. 26-Mar. 1	27	1	
Williams County.....	Dec. 18-Jan. 13	2		
Total for State.....		717	6	
Total for State, same period,		60	1	
1901,				
<b>Ohio:</b>				
Ashland County—				
Lake Township.....	Aug. 1-Jan 31			
Troy Township.....	do	2		
Ashtabula County—				
Ashtabula.....	do	4		
Saybrook Township.....	do	7		
Auglaize County—				
Moulton Township.....	do	8		
St. Marys.....	do	7		
Belmont County—				
Barnesville.....	do	14		
Bridgeport.....	do	3		
St. Clairsville.....	do	3		

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Ohio—Continued.</b>				
Butler County—				
Hamilton.....	Jan. 28-Feb. 22	9		
Middletown.....	Jan. 19-Feb. 15	4		
Carroll County—				
Rose Township.....	Jan. 19-Jan. 31	3	1	
Champaign County—				
Urbana.....	.....do.....	2		
Clark County—				
Springfield.....	.....do.....	1		
Clermont County—				
Miami Township.....	Jan. 19-Jan. 31			
Coshocton County—				
White Eyes Township.....	.....do.....			
Crawford County—				
Auburn Township.....	.....do.....			
Crestline.....	.....do.....			
New Washington.....	.....do.....			
Cuyahoga County—				
Berea.....	.....do.....			
Cleveland.....	Dec. 28-Mar. 29	22		
Glenville.....	Aug. 1-Jan. 31			
Middleburg Township.....	.....do.....			
Rocky River.....	.....do.....			
Darke County—				
Jackson Township.....	.....do.....	3		
Union City.....	.....do.....	33		
Defiance County—				
Hicksville.....	Jan. 1-Jan. 31	34		
Mark Township.....	.....do.....	1		
Milford Township.....	.....do.....	1		
Delaware County—				
Delaware.....	Aug. 1-Jan. 31	4		
Erie County—				
Sandusky.....	.....do.....	4		
Fayette County—				
Union Township.....	Jan. 1-Jan. 31	1		
Washington Court House.....	.....do.....	1		
Franklin County—				
Clinton Township.....	Aug. 1-Jan. 31	1		
Columbus.....	.....do.....	4	1	
Gallia County—				
Cheshire Township.....	.....do.....	2		
Gallipolis.....	.....do.....	3		
Harrison Township.....	.....do.....			
Greene County—				
Cedarville Township.....	.....do.....	1		
Hamilton County—				
Cincinnati.....	Dec. 21-Mar. 21	201	1	
Lockland.....	Dec. 21-Feb. 24	1		
Mill Creek Township.....	Aug. 1-Jan. 31	1		
Pleasant Ridge.....	.....do.....	1		
Symmes Township.....	.....do.....	1		
Hancock County—				
Allen Township.....	.....do.....	1		
Findlay.....	.....do.....	46	2	
Hardin County—				
Ada.....	.....do.....			
Kenton.....	.....do.....			
Liberty Township.....	.....do.....			
McDonald Township.....	.....do.....			
Henry County—				
Napoleon.....	.....do.....			
Highland County—				
Lynchburg.....	Jan. 1-Jan. 31	1		
Hocking County—				
Logan.....	Aug. 1-Jan. 31			
Huron County—				
Chicago Junction.....	.....do.....	3		
Jackson County—				
Jefferson Township.....	.....do.....	7		
Madison Township.....	.....do.....			
Oakhill.....	.....do.....			
Washington Township.....	.....do.....	1		
Jefferson County—				
Mingo Junction.....	.....do.....	7		
Staubenville.....	.....do.....	3		
Knox County—				
Wayne Township.....	.....do.....	11		
Lake County—				
Mentor.....	.....do.....			



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

Place.	Date.	Cases.	Deaths.	Remarks.
<i>Ohio—Continued.</i>				
Lawrence County—				
Aid Township.....	Aug. 1-Jan. 31	9		
Ironton.....	do	1		
Licking County—				
Eden Township.....	do	1		
Hanover Township.....	do	8		
Newark.....	do	55		
Newton Township.....	do	1		
Utica.....	do	1		
Logan County—				
Belle Center.....	do	2		
Richland Township.....	do	3		
West Mansfield.....	do	4		
Lorain County—				
Black River Township.....	do			
Lorain.....	do			
Russia Township.....	do	8		
Lucas County—				
Toledo.....	Jan. 5-Mar. 1	10		
Madison County—				
Monroe Township.....	Jan. 1-Jan. 31	1		
Mahoning County—				
Youngstown.....	Dec. 22-Feb. 15	52	12	
Mercer County—				
Butler Township.....	Aug. 1-Jan. 31	51		
Coldwater.....	do	42		
Recovery Township.....	do	16		
Washington Township.....	do	9		
Monroe County—				
Benton Township.....	do			
Bethel Township.....	do	6		
Franklin Township.....	do			
Graysville.....	do			
Perry Township.....	do			
Washington Township.....	do			
Montgomery County—				
Butler Township.....	do			
Dayton.....	Jan. 12-Mar. 29	6		
Germantown.....	Aug. 1-Jan. 31	2		
Washington Township.....	do			
Morrow County—				
Cardington.....	do	1		
Muskingum County—				
Brush Creek Township.....	do	1		
Zanesville.....	do	1		
Perry County—				
Hopewell Township.....	do	1		
New Lexington.....	do	4		
Portage County—				
Brimfield Township.....	do			
Preble County—				
Gratis Township.....	Jan. 1-Jan. 31	3		
Putnam County—				
Continental.....	Aug. 1-Jan. 31			
Perry Township.....	do			
Richland County—				
Madison Township.....	do	2		
Plymouth Township.....	do			
Sandusky County—				
Clyde.....	do	2		
Fremont.....	do	3		
Gibsonburg.....	do	25		
Madison Township.....	do	1		
Riley Township.....	do	1		
Townsend Township.....	do	1		
York Township.....	do	1		
Scioto County—				
Portsmouth.....	do			
Seneca County—				
Big Spring Township.....	do	1		
Fostoria.....	do	2		
Loudon Township.....	do	4		
Tiffin.....	do			
Shelby County—				
Green Township.....	do			
Orange Township.....	do	1		
Perry Township.....	do			
Sidney.....	do	2		
Stark County—				
Canton.....	do	1		
Massillon.....	do	1		

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

Place.	Date.	Cases	Deaths.	Remarks.
<b>Ohio—Continued.</b>				
<b>Stark County—Continued.</b>				
Sandy Township.....	Aug. 1-Jan. 31	1	.....	
Waynesburg.....	do	1	.....	
<b>Tuscarawas County—</b>				
Fairfield Township.....	do	.....	.....	
Mineral City.....	do	8	2	
Uhrichsville.....	do	3	.....	
<b>Union County—</b>				
Magnetic Springs.....	do	1	.....	
<b>Van Wert County—</b>				
Liberty Township.....	do	1	.....	
Van Wert.....	do	5	1	
<b>Washington County—</b>				
Barlow Township.....	do	.....	.....	
Belpre Township.....	do	.....	.....	
Liberty Township.....	do	.....	.....	
Marietta.....	do	.....	.....	
<b>Wayne County—</b>				
Creston.....	do	6	.....	
<b>Williams County—</b>				
Alvordtown.....	do	1	.....	
Bryan.....	do	1	.....	
Montpeiler.....	do	.....	.....	
<b>Wood County—</b>				
Center Township.....	do	10	.....	
Henry Township.....	do	.....	.....	
North Baltimore.....	do	2	.....	
Troy Township.....	do	.....	.....	
Webster Township.....	do	.....	.....	
<b>Wyandot County—</b>				
Carey.....	Aug. 1-Dec. 20	1	.....	
Total for State.....		855	20	
Total for State, same period, 1901.....		728	7	
				Total number of cases January 1 to Decem- ber 20, 1901, 2,936; deaths, 48.
<b>Oregon:</b>				
Clatsop County (Svenson).....	Mar. 17.....	1	1	
Marshfield.....	Dec. 1-Jan. 1	250	1	
Portland.....	Jan. 1-Feb. 28	57	.....	
Total for State.....		308	2	
Total for State, same period, 1901.....		8	.....	
<b>Pennsylvania:</b>				
Allegheny County.....	Dec. 29-Mar. 22	49	.....	
Berks County (Reading).....	Jan. 21-Feb. 24	4	.....	
Blair County (Altoona).....	Dec. 29-Feb. 8	5	.....	
Butler County.....	Jan. 16-Jan. 22	1	.....	
Carbon County.....	Feb. 10-Feb. 16	5	.....	
Dauphin County (Steelton).....	Feb. 16-Feb. 22	1	.....	
Lackawanna County (Scranton). .....	Jan. 16-Feb. 28	14	1	
Lawrence County (New Castle). .....	Jan. 1-Feb. 28	10	.....	
Lebanon County.....	Dec. 22-Mar. 15	114	2	
Lehigh County (Allentown) ..	Feb. 2-Feb. 8	1	.....	
Luzerne County.....	Dec. 25-Jan. 11	11	.....	
Lycoming County (Williams- port). .....	Jan. 26-Feb. 1	2	.....	
Montgomery County (Norris- town). .....	Dec. 22-Mar. 15	21	5	
Philadelphia County.....	Dec. 22-Mar. 29	1,027	192	
Schuylkill County (Auburn) ..	Nov. 17-Jan. 25	48	1	
York County (York).....	Feb. 1-Feb. 28	9	2	
Total for State.....		1,322	203	
Total for State, same period, 1901.....		114	3	
<b>Rhode Island:</b>				
Central Falls.....	Feb. 18-Mar. 22	6	.....	
Crompton.....	Feb. 24-Mar. 22	9	.....	
Jericho.....	Mar. 11-Mar. 17	1	.....	
Manville.....	Dec. 1-Mar. 17	6	.....	
Natick.....	Mar. 16-Mar. 22	1	.....	
Pawtucket.....	Feb. 24-Mar. 22	12	.....	
Providence.....	Dec. 1-Mar. 22	23	3	

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Rhode Island—Continued.</b>				
Warren.....	Mar. 3-Mar. 22	18		
Warwick.....	Feb. 23-Mar. 14	6		
Woonsocket .....	Dec. 1-Mar. 22	183		
Total for State .....		265	3	
Total for State, same period, 1901.		7	1	
<b>South Carolina:</b>				
Greenville.....	Dec. 15-Mar. 15	19		
Charleston .....	Jan. 19-Mar. 8	16		
Total for State .....		37		
Total for State, same period, 1901.		10	1	
<b>South Dakota:</b>				
Sioux Falls.....	Jan. 26-Mar. 22	25		
<b>Tennessee:</b>				
Davidson County (Nashville)..	Feb. 2-Mar. 1	3		
McMinn County .....	Dec. 15	24		
Polk County .....	Feb. 2-Feb. 19	4		
Shelby County (Memphis) .....	Dec. 22-Mar. 29	146		
Total for State .....		177		
Total for State, same period, 1901.		354	4	
<b>Texas:</b>				
Fort Worth.....	Jan. 1-Jan. 31	8		
Galveston.....	Mar. 14-Mar. 17	3		
Houston.....	Jan. 1-Mar. 8	186	3	
Laredo.....	Feb. 8.....	1		
San Antonio .....	Jan. 1-Feb. 28	25		
Total for State .....		223	3	
Total for State, same period, 1901.		436	7	
<b>Utah:</b>				
Ogden.....	Jan. 1-Feb. 28	3		
Salt Lake City .....	Dec. 15-Mar. 22	15		
Total for State .....		18		
Total for State, same period, 1901.		637	1	
<b>Vermont:</b>				
Burlington.....	Dec. 15-Feb. 22	171		
<b>Virginia:</b>				
Roanoke.....	Dec. 1-Feb. 28	173	1	
Total for State, same period, 1901.		257		
<b>Washington:</b>				
Chehalis County.....	Dec. 1-Dec. 31	1		
Clallam County.....	Jan. 17.....	2		
King County (Seattle) .....	Nov. 1-Dec. 31	82		
Klickitat County .....	Nov. 1-Dec. 1	8		
Lincoln County.....	Nov. 1-Dec. 13	35	1	
Pierce County (Tacoma).....	Nov. 1-Mar. 17	91	1	
Spokane County (Spokane)....	Nov. 1-Feb. 22	143		
Whitman County.....	.....do	5		
Total for State .....		367	2	
Total for State, same period, 1901.		25		
<b>West Virginia:</b>				
Wheeling.....	Mar. 16-Mar. 22	2		
Total for State, same period, 1901.		33		
<b>Wisconsin:</b>				
86 counties, 61 places.....	Jan. 1-Jan. 31	239	1	
85 counties, 57 places.....	Feb. 1-Feb. 28	256	3	
37 counties, 73 places.....	Mar. 1-Mar. 31	304	1	
87 counties, 64 places.....	Apr. 1-Apr. 30	276	2	
45 counties, 85 places.....	May 1-May 31	358		
41 counties, 67 places.....	June 1-June 30	288	8	

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Wisconsin—Continued.</b>				
32 counties, 52 places.....	July 1-July 31	268	.....	
27 counties, 36 places.....	Aug. 1-Aug. 31	128	2	
15 counties, 18 places.....	Sept. 1-Sept. 30	71	3	
28 counties, 62 places.....	Oct. 1-Oct. 31	519	2	
42 counties, 100 places.....	Nov. 1-Nov. 30	596	3	
57 counties, 162 places.....	Dec. 1-Dec. 31	1,012	2	
61 counties, 232 places.....	Jan. 1-Jan. 31	1,521	8	
Fond du Lac.....	Jan. 17-Mar. 1	10	.....	
Green Bay.....	Dec. 30-Mar. 23	136	4	
Milwaukee.....	Dec. 29-Mar. 22	35	.....	
Total for State.....		6,017	34	
Total for State, same period, 1901.....		562	4	
Grand total.....		26,293	767	
Grand total, same period, 1901.....		11,964	157	

*Plague in the United States as reported to the Surgeon-General, United States Marine-Hospital Service, from December 28, 1901 to April 4, 1902.*

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

## PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>California:</b>				
San Francisco.....	Dec. 12	1	.....	
	Feb. 22	1	1	From Berkeley.

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

Cities.	Week ended.	Population, U. S. census of 1900.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Allegheny City, Pa.	Mar. 22	129,896	58	7	1					1				
Altoona, Pa.	do.	38,973	10	1						1				
Ann Arbor, Mich.	do.	14,509	4	2										
Ashtabula, Ohio.	do.	12,949	4	2										
Baltimore, Md.	do.	508,957	188	25						1		2		4
Baton Rouge, La.	do.	11,269	2											
Belleville, Ill.	do.	17,484	4	1										
Binghamton, N. Y.	do.	38,647	14	4										
Boston, Mass.	do.	560,892	240	33		2				3		4	4	2
Brookline, Mass.	do.	12,103	6											
Cambridge, Mass.	do.	91,886	29	5		1				1				
Camden, N. J.	do.	75,935	29											
Charleston, S. C.	do.	55,807	37	1										
Chelsea, Mass.	do.	31,072	11											
Chicopee, Mass.	do.	19,167	5									2		
Cincinnati, Ohio.	Mar. 21	325,902	107	9						3			1	
Cleveland, Ohio.	Mar. 22	381,766	117	9						2		4		1
Clinton, Iowa.	do.	22,698	2											
Clinton, Mass.	do.	13,667	0											
Covington, Ky.	Mar. 23	42,938	19	5								1		
Danville, Ill.	Mar. 22	16,354	6											
Dayton, Ohio.	do.	85,333	29	4								1		
Denver, Colo.	Mar. 15	133,859	40	6							1			
Detroit, Mich.	Mar. 22	285,704	104									1	2	
Dunkirk, N. Y.	do.	11,616	3	1										
Elizabeth, N. J.	Jan. 4	52,130	16	3										
Do.	Jan. 11	52,130	12											
Do.	Jan. 18	52,130	11	1									1	
Do.	Jan. 25	52,130	17	3										
Do.	Feb. 1	52,130	25	2		1				1		1		
Do.	Feb. 8	52,130	13	1						1		1	1	
Do.	Feb. 15	52,130	33											
Do.	Feb. 22	52,130	20	2								1		
Do.	Mar. 1	52,130	24	2								1	1	
Do.	Mar. 8	52,130	21	2										
Do.	Mar. 15	52,130	14										1	
Do.	Mar. 22	52,130	10	1										
Elmira, N. Y.	do.	35,672	7											
Erie, Pa.	do.	52,733	12	1										
Evansville, Ind.	do.	59,007	11	4										
Everett, Mass.	do.	24,336	8											
Fall River, Mass.	do.	104,863	41	4										
Fitchburg, Mass.	do.	31,531	9											
Freeport, Ill.	do.	13,288	7							1		2		
Galesburg, Ill.	do.	18,607	6											
Grand Rapids, Mich.	Mar. 15	87,565	21							2	1			
Do.	Mar. 22	87,565	18	3						1				
Green Bay, Wis.	Mar. 23	18,684	9	1		1								
Greenville, S. C.	Mar. 15	11,860	6	2										
Haverhill, Mass.	Mar. 22	37,175	12	2										
Indianapolis, Ind.	do.	169,164	51	5										
Jacksonville, Fla.	do.	28,429	21	4							1			
Jersey City, N. J.	Mar. 16	206,433	69	14		1				1		2	1	1
Do.	Mar. 23	206,433	55	7								1		
Johnstown, Pa.	Mar. 22	35,936	17								3			
Joliet, Ill.	Mar. 8	29,353	11	2										
Do.	Mar. 15	29,353	6	2										
Lawrence, Mass.	Mar. 22	62,559	24	1										1
Lebanon, Pa.	do.	17,628	6											
Lexington, Ky.	do.	26,369	11	2										
Los Angeles, Cal.	Mar. 15	102,479	56	15							1			
Lowell, Mass.	Mar. 22	94,969	43	6								1		
Ludington, Mich.	do.	7,166	1	1										
McKeesport, Pa.	do.	34,227	11									1		
Malden, Mass.	do.	33,664	2											
Manchester, N. H.	do.	56,987	21	3										
Marlboro, Mass.	do.	13,609	3	1										
Massillon, Ohio.	do.	11,944	4	2										
Medford, Mass.	do.	18,244	5											
Memphis, Tenn.	do.	102,320	38	5						1	1			
Michigan City, Ind.	Mar. 24	14,850	5								1			
Middletown, Ohio.	Mar. 15	9,215	1											
Do.	Mar. 22	9,215												
Milwaukee, Wis.	do.	285,315	63	4						1				
Mobile, Ala.	do.	38,469	17	3										



*Table of temperature and rainfall, week ended March 24, 1902.*

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
<b>Atlantic Coast:</b>						
Eastport, Me.....	29	11		.98	4.57	
Portland, Me.....	32	9		.77	.60	
Northfield, Vt.....	27	6		.63		.30
Boston, Mass.....	34	9		.91		.60
New Haven, Conn.....	35	8		.92		.86
Albany, N. Y.....	33	5		.57		.49
New York, N. Y.....	37	6		.91		.90
Harrisburg, Pa.....	37	5		.77		.77
Philadelphia, Pa.....	39	5		.70		.69
New Brunswick, N. J.....	37	7		.84		.82
Atlantic City, N. J.....	38	3		.91		.87
Baltimore, Md.....	42	2		.91		.91
Washington, D. C.....	42	1		.96		.96
Lynchburg, Va.....	46	0		.84		.84
Cape Henry, Va.....	45		2	1.19		1.11
Norfolk, Va.....	47		1	1.05		1.05
Charlotte, N. C.....	50		1	1.05		1.02
Raleigh, N. C.....	50		3	.88		.68
Kittyhawk, N. C.....	47		4	1.25		1.25
Hatteras, N. C.....	50		4	1.42		1.02
Wilmington, N. C.....	54		4	.90		.85
Columbia, S. C.....	56		4	.99		.92
Charleston, S. C.....	57		4	.91		.86
Augusta, Ga.....	56		5	1.18		1.11
Savannah, Ga.....	59			.85		
Jacksonville, Fla.....	62		4	.77		.50
Jupiter, Fla.....	69		2	.63		.40
Key West, Fla.....	73		1	.28		.28
<b>Gulf States:</b>						
Atlanta, Ga.....	52		4	1.28		1.04
Tampa, Fla.....	66		3	.63		.03
Pensacola, Fla.....	60		2	1.23		.61
Mobile, Ala.....	59		2	1.79		1.03
Montgomery, Ala.....	57		7	1.46	.19	
Meridian, Miss.....	54		3	1.24	.23	
Vicksburg, Miss.....	58		4	1.51	.36	
New Orleans, La.....	62		2	1.19		.52
Shreveport, La.....	58		4	1.05	1.08	
Fort Smith, Ark.....	52		4	.72	.21	
Little Rock, Ark.....	54		6	1.16		.47
Palestine, Tex.....	59		4	.91	.72	
Galveston, Tex.....	63		1	.63		.39
San Antonio, Tex.....	62	3		.48		.37
Corpus Christi, Tex.....	65	3		.35		.29
<b>Ohio Valley and Tennessee:</b>						
Memphis, Tenn.....	53		4	1.33		1.13
Nashville, Tenn.....	50		5	1.12		1.10
Chattanooga, Tenn.....	51		7	1.37		1.26
Knoxville, Tenn.....	48		6	1.19		1.11
Lexington, Ky.....	45		6	1.14		1.14
Louisville, Ky.....	45		6	.88		.88
Indianapolis, Ind.....	40		1	.79		.78
Cincinnati, Ohio.....	43		3	.73		.71
Columbus, Ohio.....	40		4	.63		.63
Parkersburg, W. Va.....	42		2	.82		.82
Pittsburg, Pa.....	39	0		.59		.59
<b>Lake Region:</b>						
Oswego, N. Y.....	31	2		.56		.42
Rochester, N. Y.....	30	2		.63		.58
Buffalo, N. Y.....	30	3		.56		.49
Erie, Pa.....	32		1	.56		.53
Cleveland, Ohio.....	33		2	.63		.62
Sandusky, Ohio.....	36		4	.56		.55
Toledo, Ohio.....	35		2	.48		.48
Detroit, Mich.....	33	2		.49		.49
Lansing, Mich.....	32	1		.56		.56
Port Huron, Mich.....	30		1	.56		.54
Alpena, Mich.....	24	4		.42		.42
Sault Ste. Marie, Mich.....	25	2		.29		.28
Marquette, Mich.....	24	5		.42		.39
Escanaba, Mich.....	21	9		.42		.42
Green Bay, Wis.....	29	3		.49		.49
Grand Haven, Mich.....	31	3		.54		.47
Milwaukee, Wis.....	31	2		.56		.50
Chicago, Ill.....	34		1	.58		.58
Duluth, Minn.....	25	4		.39		.25

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

Table of temperature and rainfall, week ended March 24, 1902.—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
<b>Upper Mississippi Valley:</b>						
St. Paul, Minn.....	28	7		.35		.23
La Crosse, Wis.....	32	5		.36		.26
Dubuque, Iowa.....	34		1	.52		.42
Davenport, Iowa.....	36	1		.52		.51
Des Moines, Iowa.....	36	2		.35		.04
Keokuk, Iowa.....	38	0		.49		.32
Springfield, Ill.....	42		3	.57		.49
Cairo, Ill.....	48		4	.84		.67
St. Louis, Mo.....	44	0		.78		.57
<b>Missouri Valley:</b>						
Columbia, Mo.....	43		3	.70		.52
Springfield, Mo.....	47		3	.84		.79
Kansas City, Mo.....	42		1	.49		.13
Topeka, Kans.....	42	1		.49	.12	
Wichita, Kans.....	45	0		.45	.79	
Concordia, Kans.....	41	3		.40		.38
Lincoln, Nebr.....	41	2		.34		.26
Omaha, Nebr.....	37	2		.36		.33
Sioux City, Iowa.....	34	5		.32		.25
Yankton, S. Dak.....	32	7		.23		.08
Valentine, Nebr.....	34	7		.35	.35	
Huron, S. Dak.....	30	8		.18		.18
Pierre, S. Dak.....	34	4		.22		.17
Moorhead, Minn.....	23	11		.21		.19
Bismarck, N. Dak.....	25			.24		
Williston, N. Dak.....	28	4		.14	.14	
<b>Rocky Mountain and Plateau Region:</b>						
Havre, Mont.....	33	4		.14		.08
Helena, Mont.....	37		1	.14		.08
Miles City, Mont.....	34			.14		
Rapid City, S. Dak.....	34	1		.26	.50	
Spokane, Wash.....	42		2	.28		.08
Walla Walla, Wash.....	47		3	.49		.19
Baker City, Oreg.....	38		1	.38		.22
Winnemucca, Nev.....	42		6	.19		.12
Pocatello, Idaho.....	36	0		.49		.17
Boise, Idaho.....	47		5	.42		.19
Salt Lake City, Utah.....	43		1	.49	.02	
Lander, Wyo.....	33	3		.41		.39
Cheyenne, Wyo.....	33	4		.15	.89	
North Platte, Nebr.....	38	5		.16	1.20	
Denver, Colo.....	40	4		.22		.12
Pueblo, Colo.....	41	3		.14		.06
Dodge City, Kans.....	43	3		.21	.91	
Oklahoma, Okla.....	50		1	.51	.17	
Amarillo, Tex.....	46	1		.08	.12	
Ablene, Tex.....	57		1	.26		.25
Santa Fe, N. Mex.....	40	0		.14	.58	
El Paso, Tex.....	56	0		.07		.07
Phoenix, Ariz.....	62		3	.14		.13
Yuma, Ariz.....	65		4	.07		.07
<b>Pacific Coast:</b>						
Seattle, Wash.....	46		3	.68	.35	
Tacoma, Wash.....	45		3	.84	.10	
Portland, Oreg.....	49		6	1.19		.31
Roseburg, Oreg.....	49		4	.74	.09	
Eureka, Cal.....	49		4	1.37	.35	
Red Bluff, Cal.....	55			.70		
Carson City, Nev.....	41		5	.28		.15
Sacramento, Cal.....	55		4	.63		.40
San Francisco, Cal.....	54		4	.66		.41
Fresno, Cal.....	54		3	.29		.03
San Luis Obispo, Cal.....	55		3	.60	.22	
Los Angeles, Cal.....	57		2	.63	.31	
San Diego, Cal.....	56	0		.28	.17	

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



## FOREIGN AND INSULAR.

*Death rate of London, Berlin, Paris, Vienna, St. Petersburg, and Moscow  
for the last five years of the nineteenth century.*

LONDON, ENGLAND, *November 21, 1901.*

SIR: In compliance with Department's request of the 26th ultimo, calling for the death rate in London for the year 1900 and the four preceding years, I have the honor to state that the figures are as follows: 1896, 18.6 per 1,000; 1897, 18.2 per 1,000; 1898, 18.7 per 1,000; 1899, 19.8 per 1,000; 1900, 18.8 per 1,000. The above figures are, however, liable to revision after publication of the report on the recent census.

Respectfully,

WM. M. OSBORNE,  
*United States Consul-General.*

HON. ASSISTANT SECRETARY OF STATE.

BERLIN, GERMANY, *November 7, 1901.*

SIR: I have the honor to acknowledge receipt of unnumbered special instructions dated October 26, requesting me to advise the Department for the information of the U. S. Marine-Hospital Service, of the death rate of Berlin for the year 1900, and the four years preceding, and in compliance therewith I have to report as follows:

During the ten years from 1886 to 1895, inclusive, the average death rate per 1,000 inhabitants in the city of Berlin was 21.3. The death rate of 1896, was 19.0; 1897, was 18.6; 1898, was 17.7; 1899, was 19.7; 1900, was 18.7.

The foregoing rate for 1900 is estimated from the most authentic statistics which are thus far accessible. The final official vital record of each successive year is not published until December of the year following the one to which it relates.

In this connection it may be of interest to add that the average death rate per 1,000 of the German Empire was 31 in 1871; 26.9 in 1881; 24.7 in 1891, and 22.7 in 1899 (the last year for which complete statistics are available), thus showing a gradual, but steady decline under the continued influence of enhanced general prosperity, better and more varied nutrition, higher standards of sanitation in the construction and care of dwellings and factories, and the general advance of prophylactic, medical, and sanitary science in this country.

Respectfully,

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

HON. ASSISTANT SECRETARY OF STATE.

PARIS, FRANCE, *January 2, 1902.*

SIR: I have the honor to acknowledge receipt of Department's instructions dated October 26, 1902, requesting me to obtain the death rate of Paris for the year 1900, and the four preceding years, for the use of the U. S. Marine-Hospital Service. I beg to give below the death rate, which I have obtained from the city authorities here: 1896, 47,929 deaths, being 19.1 per 1,000 inhabitants; 1897, 46,988 deaths,

being 18.4 per 1,000 inhabitants; 1898, 49,574 deaths, being 19.1 per 1,000 inhabitants; 1899, 50,549 deaths, being 19.2 per 1,000 inhabitants, and 1900, 51,725 deaths, being 19.4 per 1,000 inhabitants. Annual average, 49,353 deaths, being 19.1 per 1,000 inhabitants of the city of Paris.

Respectfully,

JOHN K. GOWDY,  
*United States Consul General.*

Hon. ASSISTANT SECRETARY OF STATE.

VIENNA, AUSTRIA, *November 12, 1901.*

SIR: Conformable to the Department's unnumbered instruction of October 26, 1901, in reference to certain information for our U. S. Marine-Hospital Service, I have the honor to report that the death rate in Vienna, for every 1,000 inhabitants, during the year 1900 and the four preceding years, is as follows: 1900, 20.42; 1899, 20.63; 1898, 20.35; 1897, 21.30; 1896, 22.36.

Respectfully,

CARL BAILEY HURST,  
*United States Consul General.*

Hon. ASSISTANT SECRETARY OF STATE.

ST. PETERSBURG, RUSSIA, *March 10, 1902.*

SIR: In response to Department Circular No. 102, February 6, 1902, requesting a report of the death rate in St. Petersburg for the four years previous to 1900, I beg to state that the reports were not copied previous to 1897 on the consulate books, but they are to be found on the records of the Department, as reports have been sent regularly each week.

The totals for 1897 are 30,445; 1898, 30,296; 1899, 30,895; 1900, 33,377.

If these records are not to be found in the department, I can ask the medical department for the same, but it requires eight weeks to receive an answer to an official letter from that department and sometimes longer.

Respectfully,

W. R. HOLLOWAY,  
*United States Consul General.*

Hon. ASSISTANT SECRETARY OF STATE.

MOSCOW, RUSSIA, *November 13, 1901.*

SIR: I have the honor to acknowledge the receipt of your letter dated October 26, and in compliance with same beg to give you the following statistics of the number of deaths in Moscow: 1896, male, 15,885; female, 13,243; total, 29,228. 1897, male, 15,674; female, 12,705; total, 28,379. 1898, male, 16,086; female, 13,537; total, 29,623. 1899, male, 15,098; female, 12,931; total, 28,029. 1900, male, 16,730; female, 14,218; total, 30,948.

The population according to census of January 27, 1897, was 986,610, and the present estimated population is 1,000,000.

Respectfully,

SAMUEL SMITH,  
*United States Consul.*

Hon. SECRETARY OF STATE.

BRAZIL.

*Report from Rio de Janeiro.*

RIO DE JANEIRO, BRAZIL, *February 20, 1902.*

SIR: I have the honor to transmit herewith the official sanitary report for the city of Rio de Janeiro for the week ended February 16. There

were 380 deaths from all causes, an increase of 72 over the preceding week. There were 5 deaths from *accessio pernicioso*, a decrease of 1; 17 from yellow fever, an increase of 9; 6 from smallpox, a decrease of 5; 13 from typhoid fever, an increase of 7; none from measles, a decrease of 1; none from whooping cough, a decrease of 1; none from bubonic pest, a decrease of 1, and 52 from tuberculosis, an increase of 15.

Respectfully,

EDWARD W. AMES,  
*Sanitary Inspector, U. S. M. H. S.*

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

#### CHINA.

##### *Report from Hongkong.*

HONGKONG, CHINA, *February 17, 1902.*

SIR: I have the honor to transmit herewith the abstract of bills of health issued at this station during the week ended February 15, 1902. Six vessels were inspected, 523 individuals were bathed at the disinfecting station, and 481 bundles of clothing and bedding were disinfected. The U. S. S. *Brooklyn* was granted a bill of health on the certificate of the medical officer aboard.

The return of communicable diseases shows that 2 cases of enteric fever with 1 death, 1 case of diphtheria and 1 case of smallpox occurred in the colony during the week. The case of smallpox, however, was imported from Swatau, aboard the steamship *Pelus*, and is now isolated.

Respectfully,

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

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

##### *Plague and cholera in China.*

[Cablegram.]

CANTON, CHINA, *March 29, 1902.*

SECRETARY OF STATE, *Washington, D. C.*: Twenty deaths plague Tsang Shing, sporadic cholera Sheshing and Tung Mun, cholera Canton almost disappeared.—MCWADE.

#### CUBA.

##### *Reports from Havana and Batabano.*

HAVANA, CUBA, *March 26, 1902.*

SIR: I have the honor to inclose herewith report of transactions, together with mortuary data for the city of Havana, for the week ended March 22, 1902.

*Batabano.*—Acting Asst. Surg. Jose M. Campos reports having inspected 7 vessels on arrival and issued 6 bills of health during the week.

Respectfully,

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

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

## [Inclosure.]

*Summary of transactions at Havana for week ended March 22, 1902.*

## PASSENGER DEPARTMENT.

Passengers inspected .....	99
Passengers vaccinated.....	2
Total .....	101

## OUTDOOR DEPARTMENT.

Members of crews of incoming vessels inspected .....	997
Members of crews of outgoing vessels inspected.....	956
Passengers of incoming vessels inspected.....	436
Passengers of outgoing vessels inspected.....	762
Total.....	3,151
Immigrants inspected and passed.....	126
Vaccination certificates issued.....	13

## SHORE DISINFECTING PLANT.

Pieces of baggage disinfected .....	19
Pieces of baggage inspected and passed.....	1,034
Pieces of express inspected and passed.....	48
Pieces of freight inspected and passed .....	2,909
Total number of pieces handled.....	4,010

## MORTUARY REPORT.

Bronchitis.....	7	Pneumonia .....	5
Malarial fever.....	2	Enteritis .....	3
Typhoid fever .....	4	Tuberculosis .....	19
Meningitis.....	5	Total number deaths from all causes...	100

*Reports from Nuevitas, Puerto Padre, Gibara, Banes, and Baracoa.*NUEVITAS, CUBA, *March 17, 1902.*

SIR: Through the chief quarantine officer for the island of Cuba, I have the honor to submit the following report for the quarantine district under my command, in the week ended March 15, 1902: Six vessels arrived at this port and 6 bills of health were issued. The mortuary report shows 2 deaths due to the following causes: Infantile tetanus, 1; meningitis, 1. The weather has been dry with cool nights, and the sanitary condition is good.

*Puerto Padre.*—Report shows the arrival of 5 vessels, the issuance of 2 bills of health, 2 deaths—1 valvular insufficiency, 1 hydroaemia—and good sanitary condition.

*Gibara.*—Report shows 8 arrivals, 8 bills of health issued, no deaths, and good sanitary condition.

*Banes.*—Report shows the arrival of 3 vessels, no deaths, and good sanitary condition.

*Baracoa.*—Report shows 3 arrivals, 2 bills of health issued, 5 deaths—remittent fever, 1; pulmonary tuberculosis, 2; convulsive fever, 1; other cause, 1—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.

NUEVITAS, CUBA, *March 25, 1902.*

SIR: Through the chief quarantine officer for the island of Cuba, I have the honor to submit the following report for the quarantine district under my command, for the week ended March 22, 1902: During said period 6 vessels arrived at this port and same number were given bills of health prior to departing. The mortuary report shows no deaths for the week and the sanitary condition is good.

*Puerto Padre.*—Report shows 5 arrivals, 8 bills of health issued, 3 deaths—atresia, 1; gunshot, 1; nephritis, 1—and good sanitary condition.

*Gibara.*—Report shows the arrival of 12 vessels, the issuance of 11 bills of health, 1 death from pulmonary tuberculosis, and good sanitary condition.

*Banes.*—Report shows 4 arrivals, no deaths, and good sanitary condition.

*Baracoa.*—Report shows 5 vessels arrived, 5 bills of health issued, 1 death from ill-defined disease, 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.*

NUEVITAS, CUBA, *March 25, 1902.*

SIR: I have the honor to submit inclosed reports of transactions at some of the subports of the quarantine district under my command, as follows:

*Gibara.*—Weekly abstract of bills of health issued, weekly report of vessels arrived, and weekly report of arrival of alien steerage passengers for the week ended November 16, 1901; also report of alien steerage passengers arrived in the week ended March 8, 1902.

*Baracoa.*—Weekly report of vessels arrived, weekly abstract of bills of health issued, and weekly report of arrival of alien steerage passengers for the week ended March 8, 1902.

Respectfully,

OWEN W. STONE,

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

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

## ENGLAND.

*Report from Liverpool.*LIVERPOOL, ENGLAND, *March 15, 1902.*

SIR: I have the honor to state that for the week ended March 15, 1902, there were reported to the local health authorities 11 cases of smallpox, 1 typhus fever, 13 enteric fever, 70 scarlet fever, 19 diphtheria, and 72 measles.

On March 11, 1902, I visited the steamship *Veckmore* belonging to the Johnston Line Steamship Company and vaccinated all of the officers, crew, and cattlemen who had not been recently successfully vaccinated or who had not had smallpox.

Respectfully,

CARROLL FOX,

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

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

## GERMANY.

*Table showing spread of plague since 1894.*

BERLIN, GERMANY, *March 12, 1902.*

SIR: I have the honor to transmit herewith, a table published by the imperial health office at Berlin, showing how the plague has spread since 1894.

Respectfully,

FRANK H. MASON,  
*United States Consul.*

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

*Table showing how the plague has spread since 1894.*

## ASIA.

1894-95.	1896-98.	1899.	1900.	1901 (first quarter).
China: Canton. Hongkong. Amoy. Fuchau. Swatau. Makao. Tungkun. Assyria, Arabia.	China: Hoi hau. Kiungtschau. Formosa. Nhatrang. India: Bombay. Poonah. Calcutta, etc. Djiddah, Arabia. Djadir, Belootschistan. Kamaran. Aden. Samarkand.	Niuchwang, China. Japan: Osaka. Kobe. Hakata. Singapore. India: Bengal. Behar. Putna. Nagpur. Dharwar. Salem. Coimbatore. Mattrra. Maskat. Jask. Buschär. Bassora. Djivanro. Mecca. Beirut. Lahidj.	Yokohama. Ikeda. Nagasaki. Mailla. Rangun. Kischm. Aden. Yambo. Beirut. Smyrna.	Beirut. Singapore.

## EUROPE.

	London. Vienna.	Oporto. Lisbon. Triest. Plymouth. Barcellos. Barcelona. Kolobovka. Samara.	Hamburg. Marseille. Constantinople. Liverpool. Cardiff. Glasgow. London. Bremen. Hull. Kirgisen Reservation, Southeast Russia.	Constantinople. Cardiff. Southampton.
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## AFRICA.

	Madagascar.	Mauritius. Reunion. Grand Bassam. Ivory Coast. Alexandria. Zanzibar. Cape Town. Mozambique.	Suakim. Durban. Damietta. Port Said. Cape Verde Islands. Cape Town. King Williams Town.	Cape Town. Durban.
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*Table showing how the plague has spread since 1894.—Continued.***NORTH AMERICA.**

1894-95.	1896-98.	1899.	1900.	1901 (first quarter).
		Port Townsend.	San Francisco.	

**SOUTH AMERICA.**

		Santos. Sao Paolo. Asuncion. Rosario.	Rio de Janeiro. Petropolis. Nichteroy. Buenos Ayres. Montevideo.	St. Nicolas.
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**AUSTRALIA AND POLYNESIA.**

		Numea, New Caledonia. Honolulu, Sandwich Islands.	Adelaide. Sydney. Melbourne. Ipswich. Brisbane. Maryborough. Bundaberg. Rockhampton. Charters Towers. Townville. Cairns. Freemantle. Auckland.	
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*Plague and cholera in various countries.*BERLIN, GERMANY, *March 15, 1902.*

SIR: I have the honor to transmit the following information regarding plague and cholera, obtained from the imperial health office (kaiserliches gesundheitsamt) at Berlin:

*Plague.*

EGYPT.—During the period from February 21 to February 27 the following plague cases and deaths were registered: In Tantah, 7 cases, 3 deaths; in Abussir, Kom el-Nur, and Mit-Gamr each 1 case, no deaths; in Ziftah, 1 case, 1 death; in Nahtainear-Ziftah, 2 cases, 2 deaths; in Mehallet Abu-Aly, 1 case, 1 death.

BRITISH INDIA.—In the Bombay Presidency, between February 1 and February 7, there were registered 7,022 plague cases and 5,224 deaths—that is to say, 1,021 more cases and 790 more deaths than during the foregoing week. Seven hundred and forty districts were declared to be infected with plague, as compared with 683 in the previous week. In the city of Bombay there were recorded during the week ended February 11, 663 plague cases and 531 deaths, in addition to which, 243 deaths were described as suspicious of plague.

CAPE COLONY.—During the week ended February 8 no fresh plague cases were recorded. At the end of the week there were still 4 plague cases under treatment.

ZANZIBAR.—According to a telegraphic report dated March 6 several cases of plague have been noted in Nairobi.

*Plague and cholera.*

BRITISH INDIA.—In Calcutta during the period from January 26 to February 1, 47 persons died of cholera. During the same period there were registered 85 plague cases and 82 deaths.

Respectfully,

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

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

*Communications from the German protectorates' report upon the occurrence of frambœsia and ringworm in the Marshall Islands and in Nauru.—By government physician, Dr. Bartels.*

[Synopsised translation from the publications of imperial health office at Berlin.]

I. *Frambœsia.*

BERLIN, GERMANY, *March 14, 1902.*

Frambœsia has long been known among the inhabitants of the Marshall Islands and Nauru, and is called by the natives "ruk." It is generally regarded as a harmless disease, which everyone must have as a child, otherwise he will get it later. Old people, who were spoken to on the subject, were of the opinion that the disease has always occurred in the islands. In any case it was not taken there, like syphilis, by white people. In spite of this opinion, however, it is reasonable to assume that frambœsia was originally introduced into the Marshall Islands from outside, as has recently been proved to be the case in the island of Nauru. I was assured by reliable white traders that twenty years ago, at the time of their settlement in Nauru, frambœsia was unknown there. About fifteen years ago a Nauru half-blood was driven in a canoe from Nauru and drifted to the island Banaba. The natives gave him a friendly reception, and, according to the usage in the South Seas, he was adopted by a married couple as their son. When, after a long period, he found an opportunity to return on a whaler to his home, he was accompanied by his adopted parents and their 5-year old daughter to Nauru. This girl was called Goia and suffered with frambœsia. A few weeks after the arrival of the Banaba people in Nauru, children who had played with the little foreign girl, and also adults, began to suffer with the same sickness. At that time several hundred of the inhabitants fell sick, and since then the disease has never died out in Nauru. The name of the child Goia was provided with the feminine prefix E of the Nauru language and was used to designate the disease, which is called "egoia."

In the neighboring English Gilbert Islands, frambœsia also occurs and is there called "turugu." In the Caroline Islands it is called "pinglap." In Ponape it is named "kijinkinj," and in Yap "malat." In Samoa it is known as "lupangi."

Frambœsia occurs in a much more violent form among the inhabitants of Nauru than among the population of the Marshall Islands. In Nauru frambœsia is by no means a harmless children's disease, and among the patients persons of all ages are to be found. Dr. Bartels says: "In one case I found a 40 year old man, whose entire body was covered with scabs. I counted 70 on his back alone." Some of the patients complained of violent pains in the muscles and limbs, which prevented them from sleeping. In some cases the disease is accompanied with intense weakness which prevents the patient from walking for



several months. The sickness lasts about six months generally, seldom longer. The eruptions generally occur between the toes and fingers, on the back, at the corners of the mouth, the nose, etc.

## II. Ringworm (*Tinea imbricata*).

Ringworm is very general in the Marshall Islands, where as many as 10 per cent of the population may be said to suffer with it. As it does not affect the general health and is troublesome only through the irritation which it causes, the natives did nothing to heal it formerly. They are now using an ointment made of sulphur and cocoanut oil. The inhabitants call the disease "gogo." In the island of Yap it is called "fatafat," and in Ponape it is known as "kilinwai." In the Gilbert Islands it is called "tukunekune," and the natives named it "etemaue" in Nauru.

Another skin disease prevalent among the natives of the Marshall Islands is called by the inhabitants "djenn." With this disease, spots are found on the face, neck, and breast.

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

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

## HAWAIIAN ISLANDS.

### *Treatment of vessels from Sydney on account of plague.*

HONOLULU, H. I., March 7, 1902.

SIR: I have the honor to inform you that on account of the recent appearance of bubonic plague at Sydney, New South Wales, all vessels entering here from that port will be ordered to the channel wharf and handled under our immediate supervision. The usual regulations for ports infected with plague as to disinfection of baggage and freight and the bathing of passengers will be enforced. I have forwarded through the agents of both of the passenger lines full instructions concerning the conduct of their vessels and the inspection of passengers while at Sydney, and have insisted that all precautions claimed to have been taken must be duly certified to by the United States consul. With these vessels at the channel wharf, capable, as the latter is, of being completely isolated from the shore in less than five minutes, there is very little danger from escaping rats. With the quick method of handling a vessel at this wharf the incoming and outgoing work can be performed in a very short time.

Respectfully,

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

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

### *Confirming reports of deaths from plague.*

HONOLULU, H. I., March 7, 1902.

SIR: Referring to my telegrams of February 24 and March 3, 1902, concerning new cases of plague at Honolulu, I have the honor to report as follows:

The first death on February 17 occurred in the case of a pupil (a native girl) in the Kawaihau seminary, which latter is located on King

street, not far from Punchbowl street. Dr. Pratt thinks it probable that the infection in this case was derived from Chinese candies or sweetmeats, which the child had eaten during the Chinese New Year. The bubo in this case was located in the left submaxillary region. The necropsy and bacteriological findings were characteristic.

The second death on February 17 occurred in a Chinaman who lived on Beretania street, opposite the tram car stables. The bubo was located in the left inguino-femoral region. The source of infection in this case is not known. No dead rats had ever been found about the premises.

The third death on February 17 occurred in a Chinaman, who lived in Kapalama, near the Kanehameha school. The necropsy findings showed this case to be of the pneumonic type of plague. The source of infection in this case is not known. This case was not reported to the board of health until after death, when a certificate presented by a Chinese physician giving the cause of death as "pain in the breast" aroused their suspicions and caused them to make the usual necropsy, which disclosed the truth.

The death on February 26 occurred in a Chinese girl living in Buckle Lane. The bubo was located in the right inguino-femoral region. No dead rats were found about these premises, and the source of infection is believed to be from Chinese food.

The death on February 28 occurred in a Chinaman who lived on the corner of Beretania and Pensacola streets. The bubo was situated in the right inguino-femoral region. The lungs were greatly congested. This man came to town from Waialae, a suburb of Honolulu, four days before his death, and was, from all accounts, sick when he arrived, so the source of his infection is especially puzzling.

The death on March 2 occurred in a Chinaman on King street, near the junction of Beretania. The bubo was located in the left inguino-femoral region. Source of infection unknown. All of these bodies were cremated at the quarantine station.

Respectfully,

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

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

*Report of quarantine on outgoing vessels.*

HONOLULU, H. I., *March 11, 1902.*

SIR: I have the honor to make the following report of outgoing quarantine transactions for the week ended March 8, 1902: Number of steamers inspected and passed, 3; number of sailing vessels inspected and passed, 1; number of cabin passengers inspected and passed, 109; number of steerage passengers detained and passed, 7; number of crew inspected and passed, 48; number of pieces of baggage disinfected, 24; number of sailing vessels disinfected, 2.

Respectfully,

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

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

*Monthly report of quarantine transactions in the Hawaiian Islands.*

HONOLULU, H. I., March 10, 1902.

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

## PORT OF HONOLULU.

Number of vessels inspected—	
From foreign ports.....	13
From domestic ports.....	18
Number of crew inspected.....	3, 088
Number of passengers inspected—	
Cabin.....	874
Steerage and stowaways.....	4, 868
Number of sick in detention from last month.....	0
Number in detention from last month.....	0
Number of sick in detention for this month.....	0
Number in detention for this month.....	948
Number of pieces of baggage disinfected.....	626
Number of packages of freight disinfected.....	27

## PORT OF HILO.

Number of vessels inspected.....	2
Number of crew inspected.....	16
Number of passengers inspected.....	0
Vessels remanded.....	0

## PORT OF KAHULUI.

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

## PORT OF KIHAI.

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

## PORT OF LAHAINA.

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

## PORT OF KOLOA.

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

Respectfully,

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

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

*A death from plague at Honolulu.*

HONOLULU, H. I., March 19, 1902.

SIR: I have the honor to report a death from bubonic plague in Honolulu on March 17. The illness was of thirty days' duration, and the clinical history was not typical of plague, therefore the diagnosis was

not officially announced until the necropsy had been held and the usual bacteriological examinations made. The case is a very unusual and interesting one and will be fully reported later. On account of every precaution in the way of isolation having been observed, I do not consider that this case affects the present health status of Honolulu.

Respectfully,

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

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

#### ITALY.

#### *Reports from Naples.*

NAPLES, ITALY, March 10, 1902.

SIR: I have the honor to report that for the week ended March 8, 1902, the following ships were inspected at Naples: March 3, the steamship *Georgia*, of the Hamburg American Line, bound with passengers and cargo for New York. There were inspected and passed 533 steerage passengers and 38 pieces of large baggage; 950 pieces of baggage were disinfected by steam. March 4, the steamship *Algeria*, of the Anchor Line, bound with passengers and cargo for New York. There were inspected and passed 1,063 steerage passengers and 120 pieces of large baggage; 1,827 pieces of baggage were disinfected by steam. March 5, the steamship *Nord America*, of the Veloce Line, bound with passengers and cargo for New York. There were inspected and passed 1,159 steerage passengers and 145 pieces of large baggage; 1,852 pieces of baggage were disinfected by steam. March 6, the steamship *Hohenzollern*, of the North German Lloyd Steamship Company, bound with passengers and cargo for New York. There were inspected and passed 630 steerage passengers and 66 pieces of large baggage; 950 pieces of baggage were disinfected by steam. Steamship *Commonwealth*, of the Dominion Line, bound with passengers and cargo for Boston. There were inspected and passed 1,722 steerage passengers and 250 pieces of large baggage; 2,600 pieces of baggage were disinfected by steam. March 8, the steamship *Scotia*, of the Hamburg American Line, bound with passengers and cargo for New York. There were inspected and passed 515 steerage passengers and 45 pieces of large baggage; 750 pieces of baggage were disinfected by steam.

#### *Smallpox at Naples.*

During the week ended March 8, 1902, there were officially reported at Naples 8 cases of smallpox with 1 death.

#### *Plague in Egypt.*

A report from Cairo, dated March 3, 1902, says that for the week then passed there were 7 new cases of plague and 5 deaths for all Egypt. The distribution is as follows: Tanta, 1 case; Abusir, 1; Mit-Gamr, 4; Mehallet-Abu-Ali, 1 case and 1 death; and in the neighborhood of Ziftah, 4 deaths.

Since the beginning of the epidemic, April 7, 1901, there have been in Egypt 317 cases of plague and 193 deaths.

Respectfully,

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

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

## NAPLES, ITALY, March 17, 1902.

SIR: I have the honor to report that for the week ended March 15, 1902, the following ships were inspected at Naples: March 10, the steamship *Spartan Prince*, of the Prince Line, bound with passengers and cargo for New York. There were inspected and passed 952 steerage passengers and 88 pieces of large baggage; 1,600 pieces of baggage were disinfected by steam. March 11, the Italian bark *Ausilio*, bound with cargo for New York; steamship *Gallia*, of the Fabre Line, bound with passengers and cargo for New York. There were inspected and passed 1,126 steerage passengers and 50 pieces of large baggage; 1,500 pieces of baggage were disinfected by steam. March 12, the steamship *Calabria*, of the Anchor Line, bound with passengers and cargo for New York. There were inspected and passed 1,204 steerage passengers and 200 pieces of large baggage; 1,700 pieces of baggage were disinfected by steam. Steamship *Sicilia*, of the Italian General Navigation Company, bound with passengers and cargo for New York. There were inspected and passed 1,072 steerage passengers and 26 pieces of large baggage; 1,200 pieces of baggage were disinfected by steam. March 13, the steamship *Kaiserin Maria Theresia*, of the North German Lloyd Steamship Company, bound with passengers and cargo for New York. There were inspected and passed 577 steerage passengers and 30 pieces of large baggage; 1,000 pieces of baggage were disinfected by steam. March 15, the steamship *Balilla*, of the Celli Line, bound with passengers and cargo for New York. There were inspected and passed 1,072 steerage passengers and 50 pieces of large baggage; 1,600 pieces of baggage were disinfected by steam.

*Inspection at Palermo.*

At Palermo for the week ended March 15, 1902, the following ship was inspected: March 11, the steamship *Spartan Prince*, of the Prince Line, bound with passengers and cargo for New York. There were inspected and passed 165 steerage passengers; 250 pieces of baggage were disinfected by steam.

*Smallpox at Naples.*

During the week ended March 15, 1902, there were officially reported at Naples 8 cases of smallpox with 2 deaths.

*Plague in Egypt.*

Reports from Cairo, dated March 10, 1902, state that during the past week the plague situation in Egypt was as follows: One case and 1 death at Tantah, 1 case at Aboussir, 2 cases and 1 death at Nahthai, and 8 cases and 2 deaths at Kumel Nour. Since the beginning of the epidemic, a year ago, there have been in Egypt 329 cases of plague with 196 deaths.

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, February 26, 1902.

SIR: I have the honor to transmit herewith an abstract of the bills of health issued at this port during the week ended February 22, 1902.

There were inspected 5 ships with 442 crew, 32 cabin passengers and 508 steerage passengers; 443 persons were bathed and their baggage was disinfected.

During the week there occurred in Yokohama 1 case of typhoid fever with 1 death, 5 cases of diphtheria with 1 death, 1 case of scarlet fever, and 1 case of dysentery.

No quarantinable disease has been reported.

Respectfully,

J. SPENCER HOUGH,

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

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

NEW BRUNSWICK.

*Inspection service at St. John.*

ST. JOHN, NEW BRUNSWICK, *March 24, 1902.*

SIR: I have the honor to report that during the week ended March 22, the following vessels and their crews were inspected by me at this port: Steamships, 2; schooners, 2; seamen, 135.

Respectfully,

T. DYSON WALKER,

*United States Medical Inspector.*

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

NOVA SCOTIA.

*Report from Halifax—Status of smallpox.*

HALIFAX, NOVA SCOTIA, *March 22, 1902.*

SIR: I have the honor to report that for the week ended March 22, there have been 8 new cases of smallpox at this port with no deaths. Total number of cases on hand, 13; total number of cases since the outbreak of the disease, 44; total deaths, 6.

It was supposed that the disease was entirely stamped out, but during the past few weeks there has been a fresh outbreak in that portion of the city in which the railroad employees reside. They probably contract the disease at points along the railroad, and in this way reinfect the city.

At Dartmouth, a small village situated across the bay from Halifax, there have been 5 cases. These cases have all occurred in one family. The primary case was traced to a man who worked on board a steamer which had had smallpox on board. The steamer in question had been released from quarantine as disinfected.

Respectfully,

VICTOR G. HEISER,

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

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

*Inspection of immigrants at Halifax and St. John.*

HALIFAX, NOVA SCOTIA, *March 22, 1902.*

SIR: I have the honor to report that during the week ended March 22 there were inspected 113 immigrants—passed, 108; detained, 5. \* \* \*

At the port of St. John, New Brunswick, there were inspected 5 immigrants—passed, 5; detained, none.

Respectfully,

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

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

#### STRAITS SETTLEMENTS.

#### *Mortality of Singapore for December, 1901.*

MANILA, P. I., *February 14, 1902.*

SIR: I have the honor to transmit for your information mortality statistics of Singapore for the month of December, 1901, furnished this office by the United States consul-general at that place.

Respectfully,

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

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

*Mortality report of the settlement of Singapore, Straits Settlement, for the month of December, 1901.*

[Compiled by the registrar of births and deaths.]

Deaths from—	Male.	Female.	Total.	Ages at death.	Male.	Female.	Total.
Convulsions.....	58	32	90	Unknown.....	8	.....	8
Bronchitis.....	18	14	32	Under 3 months.....	58	28	86
Fever.....	208	40	248	3 months and under 1 year...	44	31	75
Dysentery.....	13	.....	13	1 to 5 years.....	20	20	40
Diarrhea.....	33	2	35	5 to 10 years.....	8	7	15
Cholera.....	9	.....	9	10 to 20 years.....	29	13	42
Beriberi.....	108	12	120	20 to 25 years.....	108	16	124
Heart.....	8	.....	8	25 to 35 years.....	234	31	265
Phthisis.....	145	29	174	35 to 45 years.....	135	10	145
Injuries.....	5	1	6	45 to 55 years.....	91	21	112
Debility and age.....	74	28	102	55 to 75 years.....	58	16	74
Other causes.....	119	40	159	75 and above.....	15	6	21
Unknown.....	10	1	11				
Total.....	808	199	1,007	Total.....	808	199	1,007

  

Nationalities.				Nationalities.			
Europeans.....	6	.....	6	Other nations.....	5	1	6
Eurasians.....	8	5	13	Unknown.....	1	.....	1
Chinese.....	626	112	738				
Malays.....	106	66	171	Total.....	808	199	1,007
Indians.....	57	15	72				

Ratio per 1,000 of population, 50.43.

#### TURKEY.

#### *Reports from Constantinople—Cholera at Medina.*

CONSTANTINOPLE, TURKEY, *March 7, 1902.*

SIR: I have the honor to inform you that, according to a telegram from the sanitary physician at Medina, on the 19th instant and the 20th instant a disease broke out among the pilgrims who arrived there from Mecca, which proved to be in the great majority of the cases fatal. According to said telegram, within the two above-mentioned days, there

were 70 deaths. The symptoms of said disease are diarrhea, vomiting, anuria, the members cold, the eyes sunk, and cramps.

According to the official news, the town of Mecca is quite free of any epidemic disease, and the pilgrims who arrived in Medina were coming from Mecca. That means that said disease, which is cholera, broke out during the voyage, which is of twelve or thirteen days between Mecca and Medina. The great danger is the contamination of the pilgrimage and the spread of the disease to the countries wherefrom the pilgrims have arrived and where they will go. There is a great throng of pilgrims in Medina, but all of them, as well as the inhabitants of that town, will, or better say, are, already gone to the valley of Arafat, where they will perform their worship and all that the pilgrimage requires. The number of the pilgrims being more than 100,000 men, there is no possibility of taking any step to prevent them from going to Mecca or Arafat, and so prevent the spread of the disease. The only sanitary steps which we have decided at the extraordinary sitting of the international sanitary council of to-day to take are to prevent the pollution of the water from which the pilgrims drink at the valley of Arafat—water which is not at all sheltered and is held in open tanks or basins—and let the caravans be followed by the Medina sanitary physician, as well as by other military and civilian physicians. Said physicians must be of Moslem religion, it being allowed only Moslems to go to the holy land of Islam. I must notice that generally the epidemic of cholera makes a great many victims among pilgrims in the Hedjaz. I remember that in 1893, among 90,000 pilgrims who entered the Hedjaz through Djeiddah, about 50,000 died from cholera, as I have already written in my sanitary reports of that year.

As soon as the official sanitary news arrives from the spot of the epidemic I will inform the department. Meanwhile I have the honor to forward a copy of the telegrams sent by the Medina sanitary physician, as well as a copy of the telegram of the governor-general of the province of Hedjaz.

I have the honor to forward to the department a copy of an amendment made to the regulations concerning the destruction of rats on board the ships before their loading and when they are bound for the Turkish seas.

In Constantinople, there is always the epidemic of influenza, which is rather of mild character. Scarlet fever is abating, as well as whooping cough. There are always some cases of chicken pox and typhoid fever.

Respectfully,

S. C. ZAVITZIANO,

*United States Sanitary Commissioner.*

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

CONSTANTINOPLE, TURKEY, *March 10, 1902.*

SIR: In my last report I made the statement, according to the official news, a copy of which I have already forwarded, that the outbreak of cholera in the Hedjaz occurred among the pilgrims going from Mecca to Medina on the road. Now, according to the last news, cases of cholera had occurred in the town of Mecca since February 20, and nobody outside of that town knew it. This must be attributed to the central sanitary board, which appoints the sanitary physicians. I must not omit to say that when the sanitary physician of Mecca was appointed, I have shown that he was the right man at the right place, and I have written all that in my reports; and that if the outbreak of cholera took



place, if there was a skillful physician, certainly that the evil would be stifled on the spot, or at least checked in its outbreak. At the last meeting of the international sanitary council there was a rife discussion on this subject, but without any effect. At Medina 74 more cholera deaths have occurred, and certainly there are many others which we do not know.

All the danger now is when the pilgrims come back to their homes at the end of the Bairam, which will be in a few days. The sanitary board has decided the necessary steps in order to prevent the spread of the epidemic. I have the honor to forward a copy of said decisions as well as a copy of the last telegrams which we have received from the spot of the epidemic.

From the other provinces of the Turkish Empire the sanitary news is good.

Respectfully,

S. C. ZAVITZIANO.

*United States Sanitary Commissioner.*

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

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

AFRICA—*Sierra Leone*.—Three weeks ended February 28, 1902. Estimated population, 40,000. Total number of deaths, 48. No contagious diseases.

CANADA—*Province of Ontario*.—Reports to the provincial board of health, for the month of January, 1902, from 751 municipalities having an aggregate estimated population of 1,972,102, show a total of 2,023 deaths, including diphtheria, 48; enteric fever, 31; measles, 21; scarlet fever, 28; whooping cough, 7, and 169 from phthisis pulmonalis.

BAHAMAS—*Dunmore Town*.—Two weeks ended March 14, 1902. Estimated population, 1,232. Two deaths. No contagious diseases.

*Governor's Harbor*.—Two weeks ended March 14, 1902. Estimated population, 1,375. One death. No contagious diseases.

*Green Turtle Cay—Abaco*.—Two weeks ended March 12, 1902. Estimated population, 3,314. No deaths and no contagious diseases.

*Nassau*.—Two weeks ended March 15, 1902. Estimated population, 12,535. Number of deaths not reported. No contagious diseases reported.

FRANCE—*Marseille*.—Month of February, 1902. Estimated population, 491,161. Total number of deaths, 1,014, including diphtheria, 8; enteric fever, 16; measles, 25; scarlet fever, 1; whooping cough, 1, and 3 from smallpox.

*Rouen*.—Month of January, 1902. Estimated population, 116,316. Total number of deaths, 253, including diphtheria, 2; enteric fever, 3; smallpox, 1, and 46 from tuberculosis.

*St. Etienne*.—Two weeks ended February 28, 1902. Estimated population, 146,559. Total number of deaths not reported. One death from measles and 15 deaths from tuberculosis reported.

GERMANY—*Dresden*.—Month of December, 1901. Estimated population, 409,060. Total number of deaths, 502, including diphtheria, 6; enteric fever, 4; whooping cough, 9, and 85 from tuberculosis.

*Hanover*.—Month of January, 1902. Estimated population, 241,423. Total number of deaths, 301, including 21 from infectious diseases.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 76 great towns in England and Wales during the week ended March 8, 1902, correspond to an annual rate of 20.5 per 1,000 of the aggregate population, which is estimated at 14,862,003.

*Bradford*.—Two weeks ended March 8, 1902. Estimated population, 281,770. Total number of deaths, 188, including enteric fever, 1; diphtheria, 4; measles, 6; scarlet fever, 3, and 23 from tuberculosis.

*London*.—Two thousand one hundred and sixty deaths were registered during the week, including measles, 65; scarlet fever, 5; diphtheria, 25; whooping cough, 44; enteric fever, 7; smallpox, 80, and diarrhea and dysentery, 10. The deaths from all causes correspond to an annual rate of 24.6 per 1,000. In Greater London 2,835 deaths were registered. In the "outer ring" the deaths included 4 from measles, 4 from scarlet fever, 9 from smallpox, and 4 from whooping cough.

*Ireland*.—The average annual death rate represented by the deaths registered during the week ended March 8, 1902, in the 21 principal town districts of Ireland was 26.0 per 1,000 of the population, which is estimated at 1,092,322. The lowest rate was recorded in Sligo and Armagh, viz, 0.0, and the highest in Dundalk, viz, 47.9 per 1,000. In Dublin and suburbs 222 deaths were registered, including diphtheria 3; enteric fever, 2; measles, 6; scarlet fever, 1, and 44 from tuberculosis.

*Scotland*.—The deaths registered in 8 principal towns during the week ended March 8, 1902, correspond to an annual rate of 25.4 per 1,000 of the population, which is estimated at 1,679,923. The lowest mortality was recorded in Perth, viz, 15.6, and the highest in Dundee, viz, 29.8 per 1,000. The aggregate number of deaths registered from all causes was 820, including diphtheria, 7; measles, 14; scarlet fever, 7; smallpox, 2, and 20 from whooping cough.

JAPAN—*Nagasaki*.—Ten days ended February 20, 1902. Estimated population, 131,700. Total number of deaths not reported. Two deaths from enteric fever reported.

MALTA.—Two weeks ended March 1, 1902. Estimated population, 183,679. Total number of deaths, 146, including diphtheria, 4, and 1 from enteric fever.

NORFOLK ISLAND.—Year ended December 31, 1901. Estimated population, 906. Total number of deaths, 9, including 2 from tuberculosis.

Month of January, 1902. No deaths and no contagious diseases.

ST. HELENA.—Week ended February 22, 1902. Estimated population, 11,000. Total number of deaths, 7, including 2 from tuberculosis.

SPAIN—*Barcelona*.—Two weeks ended March 15, 1902. Estimated

population, 672,000. Total number of deaths not reported. Eight deaths from enteric fever and 5 from smallpox reported.

*Cadiz*.—Month of February, 1902. Estimated population, 70,177. Total number of deaths, 274, including enteric fever, 6; measles, 15, and 25 from tuberculosis.

*Valencia*.—Two weeks ended February 28, 1902. Estimated population, 204,000. Total number of deaths not reported. Seven deaths from smallpox reported.

WEST INDIES—*St. Thomas*.—Year ended December 31, 1901. Estimated population, 11,012. Total number of deaths, 359, including diphtheria, 1; enteric fever, 1; whooping cough, 15, and 47 from phthisis pulmonalis.

Month of February, 1902. Estimated population, 11,012. Total number of deaths, 34. No contagious diseases.

*Cholera, yellow fever, plague, and smallpox, December 27, 1901, to April 4, 1902.*

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

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

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Canton .....	Feb. 24-Mar. 6 .....			Several deaths.
Fatsan .....	Mar. 22 .....			Raging.
Hongkong .....	Mar. 6 .....		1	
Seungshan .....	Mar. 19 .....			Spreading.
Sheshing .....	Mar. 29 .....			Reported.
Tung Mun .....	Mar. 29 .....			Do.
India:				
Bombay .....	Nov. 28-Mar. 4 .....		37	
Calcutta .....	Nov. 24-Mar. 1 .....		691	
Madras .....	Nov. 16-Feb. 14 .....		94	
Java:				
Batavia .....	Nov. 17-Dec. 14 .....	48	27	
Straits Settlements:				
Singapore .....	Oct. 1-Feb. 15 .....		74	
Turkey:				
Medina .....	Mar. 6 .....		60	Among pilgrims.

YELLOW FEVER.

Brazil:				
Bahia .....	Dec. 1-Dec. 7 .....	1	1	
Rio de Janeiro .....	Nov. 11-Feb. 16 .....		70	
British West Indies:				
Barbados .....	Dec. 13 .....			Prevalent.
Dutch Guiana:				
Paramaribo .....	Dec. 1-Jan. 17 .....	11	7	
Dutch West Indies:				
Curaçoa .....	Feb. 2-Feb. 8 .....	1	1	
French Guiana:				
Cayenne .....	Mar. 27 .....			Reported.
Jamaica:				
Port Royal .....	Feb. 9-Mar. 1 .....	4	1	
Mexico:				
Vera Cruz .....	Dec. 15-Mar. 15 .....	49	32	

PLAGUE.

Africa:				
Mossel Bay, Cape Colony .....	Dec. 6 .....			Reported.
Zanzibar, Nairobi .....	Mar. 6 .....			Several cases.
Australia:				
Newcastle .....	Mar. 21 .....			Reported.
Sydney .....	Jan. 1-Jan. 31 .....		1	
Brazil:				
Rio de Janeiro .....	Nov. 11-Feb. 9 .....		104	
China:				
Hongkong .....	Dec. 8-Jan. 18 .....	3	2	
Shuitung .....	Feb. 16 .....		100	Do.
Tsang Shing .....	To Mar. 9 .....		20	
Egypt:				
Aboussir .....	Apr. 7-Mar. 5 .....	6	2	
Alexandria .....	do .....	52	26	
Benha .....	do .....	5	3	
Kafr Enon .....	do .....	1	1	
Kom-el-Nour .....	do .....	13	3	
Mansourah .....	do .....	1	1	
Minieh .....	do .....	5	1	
Mit-Gamr .....	do .....	23	14	
Nahtai .....	do .....	5	4	
Port Said .....	do .....	26	16	
Tantah .....	do .....	94	77	
Zagazig .....	do .....	77	32	
Ziftah .....	do .....	14	12	
Formosa:				
Tamsui .....	Oct. 1-Nov. 10 .....	44	37	
France:				
Marseille .....	Dec. 1 .....	1		On ss. Fehio, from Batoum.

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

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Hawaiian Islands:</b>				
Honolulu.....	Dec. 11-Mar. 17 .....		15	
Kauai, Eleele .....	Jan. 23-Jan. 24 .....		2	
<b>India:</b>				
<b>Bombay Presidency and Sind:</b>				
<b>Northern Division—</b>				
Ahmedabad City.....	Nov. 17-Feb. 15 .....		2	
Bombay City .....	.....do .....	4,279	3,237	
Broach District.....	.....do .....	1,559	1,165	
Kaira District.....	.....do .....	1,212	907	
Surat District and Town.....	.....do .....	1,208	966	
Thana District.....	.....do .....	412	352	
<b>Central Division—</b>				
Ahmednagar District.....	.....do .....	46	86	
Khandesh District.....	.....do .....	3,488	2,782	
Nasik District.....	.....do .....	1,003	732	
Poonah District and City.....	.....do .....	4,971	4,300	
Satara District.....	.....do .....	16,000	11,877	
Sholapur District and Town.....	.....do .....	988	723	
<b>Southern Division—</b>				
Belgaum District.....	.....do .....	14,722	11,351	
Dharwar District.....	.....do .....	13,375	9,815	
Hyderabad Town and District.....	.....do .....	52	31	
Hubli Town.....	.....do .....	24	22	
Kanara District.....	.....do .....	367	205	
Kolaba District.....	.....do .....	221	190	
Ratnagiri District.....	.....do .....		106	
Karachi City and District.....	.....do .....	640	536	
<b>Political Charges—</b>				
Aundh State.....	.....do .....	418	234	
Baroda State.....	.....do .....	996	687	
Cutch State.....	.....do .....	501	425	
Kathiawar State.....	.....do .....	147	110	
Kolhapur and Southern Mahratta Country.....	.....do .....	12,326	8,533	
Sachin State.....	.....do .....	96	71	
Savanur State.....	.....do .....	585	475	
<b>Outside Bombay Presidency and Sind:</b>				
<b>Madras Presidency.....</b>	.....do .....	5,616	4,629	
<b>Bengal—</b>				
Bhogalpur.....	.....do .....	106	98	
Burdwan Division.....	.....do .....	10	7	
Calcutta.....	.....do .....	633	577	
Chota Nagpur Division.....	.....do .....	525	437	
Orissa.....	.....do .....			
Patna.....	.....do .....	6,823	4,888	
<b>Northwest Province and Oudh:</b>				
Allahabad Division.....	.....do .....	2,531	2,328	
Benares Division.....	.....do .....	5,127	5,102	
<b>Punjab:</b>				
Delhi Division.....	.....do .....	12,651	9,282	
Jullunder Division.....	.....do .....	15,728	8,831	
Lahore Division.....	.....do .....	9,766	5,743	
Rawalpindi Division.....	.....do .....	10,477	6,928	
<b>Mysore State:</b>				
Bangalore City, District, and Military Station.....	.....do .....	3,957	3,058	
Chitaldrug District.....	.....do .....	514	481	
Kadur District.....	.....do .....	297	198	
Kolar District and Gold Fields.....	.....do .....	125	102	
Mysore City and District.....	.....do .....	2,827	2,162	
Shimoga District.....	.....do .....	495	350	
Tumkur District.....	.....do .....	51	42	
Hyderabad State.....	.....do .....	841	692	
<b>Kashmir:</b>				
Jammu Province.....	.....do .....	4,868	3,079	
<b>Japan:</b>				
Nagasaki.....	Mar. 13.....			Reported.
Mauritius.....	Nov. 29-Jan. 30 .....	227	140	
<b>Philippine Islands:</b>				
Manila.....	Dec. 1-Dec. 14 .....	5	5	
<b>Russia:</b>				
Batoum.....	Jan. 8.....	1	1	
<b>Syria:</b>				
Beirut.....	Jan. 5-Jan. 11 .....	1	1	
<b>Turkey:</b>				
Bagdad.....	Jan. 16-Jan. 23 .....	6	4	

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

## SMALLPOX.

Place.	Date.	Cases.	Deaths.	Remarks.
Argentina:				
Buenos Ayres.....	Oct. 1-Dec. 31	.....	185	
Austria-Hungary:				
Budapest.....	Jan. 15-Jan. 21	11	.....	
Prague.....	Dec. 1-Mar. 18	121	.....	
Belgium:				
Antwerp.....	Dec. 10-Mar. 1	67	16	
Ghent.....	Dec. 8-Feb. 22	.....	25	
Brazil:				
Bahia.....	Jan. 12-Jan. 25	2	1	
Ceara.....	Dec. 1-Dec. 31	.....	1	
Rio de Janeiro.....	Nov. 11-Feb. 16	.....	427	
Pernambuco.....	Nov. 1-Feb. 15	.....	384	
British Columbia:				
Victoria.....	Jan. 5-Jan. 11	1	.....	
Canada:				
Quebec.....	Dec. 15-Mar. 15	446	7	
Colombia:				
Cartagena.....	Nov. 25-Feb. 22	.....	31	
Panama.....	Dec. 17-Mar. 10	.....	35	
Cuba:				
Ciego de Avila, Puerto	Jan. 12.....	1	.....	From Canada.
Principe.....	.....	.....	.....	
Guantanamo.....	Feb. 18.....	1	.....	
Ecuador:				
Guayaquil.....	Sept. 28-Dec. 7	.....	30	
England:				
Birmingham.....	Feb. 16-Feb. 22	1	.....	
Bristol.....	Jan. 5-Jan. 11	1	1	
Liverpool.....	Dec. 15-Mar. 8	53	.....	One from ship from Boston.
London.....	Dec. 28-Mar. 15	4,044	619	
Manchester.....	Feb. 16-Feb. 22	1	.....	
Newcastle-on-Tyne.....	Dec. 22-Jan. 11	6	.....	
North Shields.....	Jan. 19-Mar. 8	18	2	
Plymouth.....	Feb. 9-Feb. 15	1	1	
Sheffield.....	Dec. 22-Mar. 1	2	.....	
Southampton.....	Feb. 16-Feb. 22	1	.....	
Swansea.....	Feb. 22-Mar. 1	1	.....	
Tottenham.....	Feb. 22-Mar. 1	.....	1	
West Ham.....	Feb. 22-Mar. 1	.....	7	
Formosa:				
Tamsui.....	Oct. 1-Oct. 31	7	.....	
France:				
Lyons.....	Dec. 1-Dec. 7	.....	1	
Marseille.....	Dec. 1-Feb. 28	.....	5	
Nantes.....	.....do.....	5	.....	
Nice.....	Nov. 1-Dec. 31	.....	26	
Paris.....	Dec. 8-Mar. 15	.....	66	
Rheims.....	Jan. 6-Mar. 9	12	8	
Roubaix.....	Feb. 22-Feb. 28	.....	1	
St. Etienne.....	Feb. 14-Feb. 28	1	.....	
Gibraltar.....	Jan. 20-Mar. 8	2	.....	
Greece:				
Athens.....	Jan. 5-Jan. 11	1	.....	
India:				
Bombay.....	Dec. 18-Mar. 4	.....	49	
Calcutta.....	Dec. 1-Mar. 1	.....	26	
Karachi.....	Nov. 25-Mar. 2	127	29	
Madras.....	Nov. 16-Feb. 28	.....	24	
Ireland:				
Dublin.....	Feb. 9-Feb. 15	3	.....	
Italy:				
Milan.....	Nov. 1-Jan. 31	11	4	
Naples.....	Dec. 1-Mar. 15	237	20	
Palermo.....	Dec. 29-Mar. 8	.....	13	
Rome.....	Dec. 15-Jan. 25	.....	5	
Jamaica:				
Kingston.....	Dec. 22-Dec. 28	1	.....	From Colon.
Port Antonio.....	Jan. 5-Mar. 1	3	.....	
Japan:				
Nagasaki.....	Dec. 11-Dec. 20	1	.....	
Liberia:				
Monrovia.....	Dec. 8-Dec. 14	.....	1	
Malta:				
Valletta.....	Dec. 11-Feb. 15	12	.....	
Manitoba:				
Winnipeg.....	Dec. 8-Mar. 15	49	.....	
Mexico:				
City of Mexico.....	Dec. 9-Mar. 16	96	39	

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

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths	Remarks.
New Brunswick:				
Lynnfield .....	Jan. 18.....	1	.....	
Moncton.....	.....do.....	1	.....	
St. John .....	Oct. 20-Jan. 18	108	23	
Welsford .....	Jan. 18.....	1	.....	
Nova Scotia:				
Halifax .....	Sept. 23-Mar. 15	33	5	
Windsor .....	Dec. 15-Jan. 25	1	.....	
Porto Rico:				
Ponce .....	To Mar. 24.....	18	.....	
San Juan.....	Feb. 1-Mar. 1	14	.....	
Russia:				
Moscow .....	Nov. 24-Mar. 6	168	63	
Odessa .....	Dec. 1-Mar. 15	65	19	
Riga.....	Jan. 25-Jan. 31	.....	5	
St. Petersburg.....	Dec. 1-Mar. 15	105	28	
Warsaw .....	Nov. 24-Feb. 22	.....	11	
Scotland:				
Dundee.....	Jan. 12-Mar. 8	14	.....	
Edinburgh.....	Feb. 16-Mar. 8	2	.....	
Glasgow.....	Dec. 28-Mar. 21	203	39	
Spain:				
Corunna .....	Dec. 1-Jan. 25	.....	6	
Malaga.....	Nov. 1-Jan. 31	.....	62	
Valencia .....	Jan. 1-Feb. 14	369	67	
Straits Settlements:				
Singapore .....	Oct. 1-Feb. 15	.....	6	
Uruguay:				
Montevideo.....	Oct. 26-Feb. 8	737	60	
Wales:				
Cardiff.....	Feb. 2-Feb. 8	1	.....	

*Weekly mortality table, foreign and insular cities.*

[illegible]



## 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.
Paris .....	Mar. 8	2,660,559	1,147					3	12	2	22	15	13
Prague .....	do.	227,927	137	33							2	1	2
Port au Prince .....	Feb. 24	60,000	49										
Do. ....	Mar. 3	60,000	29										
Do. ....	Mar. 10	60,000	34										
Puerto Cortez .....	Mar. 20	2,000	0										
Quebec .....	Mar. 22	68,000											
Rome .....	Jan. 25	421,636	195	15				1	2				
Do. ....	Feb. 1	421,636	176	18					1				
Rotterdam .....	Mar. 15	311,053	120								1		
St. Georges, Bermuda .....	Mar. 8	2,150	1										
Do. ....	Mar. 15	2,150											
St. John, New Brunswick .....	Mar. 22	40,711	11	3									
St. John, West Indies .....	Feb. 15	34,971	12										
Do. ....	Feb. 22	34,971	17										2
Do. ....	Mar. 1	34,971	8										
St. Petersburg .....	do.	1,248,613	637	118				3	1	16	9	27	12
St. Stephen, New Brunswick .....	Mar. 22	2,840											
Santa Cruz, Teneriffe .....	Mar. 1	36,500	14	1									
Do. ....	Mar. 8	36,500	11										
Santander .....	Mar. 10	53,574	40										
Singapore .....	Jan. 25	97,111	218	8		16		2					
Do. ....	Feb. 8	97,111	189	6		5							
Smyrna .....	Feb. 23	300,000	44	6				1	1				
Do. ....	Mar. 2	300,000	52	5					2	1	2	1	
South Shields .....	Mar. 8	103,532	39							1			1
Stettin .....	do.	215,206	88								1		
Sunderland .....	do.	147,983	62									2	1
Tampico .....	Mar. 11	200,000	25										
Tespani .....	Mar. 8	61,437	29										
Tuxpam .....	Mar. 17	13,000	7	1									
Utiila .....	Mar. 8	696											
Do. ....	Mar. 15	696	0										
Vera Cruz .....	do.	32,000	40	5		2							
Vienna .....	Mar. 8	1,709,211	720	121					2	6	9	27	4
Warsaw .....	Feb. 22	711,948	252	45				2	3	5	10	2	7
Windsor, Nova Scotia .....	Mar. 22	3,300	0										
Winnipeg .....	Mar. 8	45,156								1		1	
Do. ....	Mar. 15	45,156										1	
Yokohama .....	Feb. 22	189,455							1		1		

By authority of the Secretary of the Treasury :

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