

# PUBLIC HEALTH REPORTS.

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## MUNICIPAL ORDINANCES, RULES, AND REGULATIONS PERTAINING TO PUBLIC HYGIENE.

The trend of public hygiene in the United States and the progress made in its application are in large measure shown by the activities of municipalities in safeguarding the public health.

That information relative to the work being done in cities and to the practices prevailing in municipal sanitation may be readily available to the many health officials and others interested, it is desired to print in the Public Health Reports, in abstract or otherwise, city ordinances having a sanitary bearing and rules and regulations adopted by municipal health authorities.

The following letter was, on March 4, 1911, sent to the health officer of each city in the United States having a population of over 25,000:

TREASURY DEPARTMENT,  
BUREAU OF PUBLIC HEALTH AND MARINE-HOSPITAL SERVICE,  
*Washington, March 4, 1911.*

### CITY HEALTH OFFICER.

DEAR SIR: It is desired to print in the Public Health Reports, in full or in abstract, the more important ordinances passed by cities on subjects relating to the public health, and to make brief reference to those of less importance.

This will make readily available to city health officers and municipal authorities contemplating the enactment of ordinances those already enacted elsewhere, and will show how others have treated the same subject or met similar conditions.

Regulations promulgated pursuant to ordinances will in like manner be published.

In carrying out this work your cooperation is earnestly solicited. It will be appreciated if you will forward copies of any ordinances or regulations relating to public health administration which have been enacted or promulgated by your city since January 1, 1910, and if in the future you will forward copies of ordinances and regulations when passed.

Respectfully,

WALTER WYMAN, Surgeon General.

As shown by the letter it is desired to include rules and regulations adopted by city health authorities as well as ordinances. It is hoped that health authorities will cooperate by promptly forwarding copies of existing ordinances and regulations, if they have not already done so, and by forwarding any which may be adopted in the future in their respective cities. Three copies of each ordinance or regulation are desired when it is possible to furnish this number.

The bureau will also be glad to have for its library copies of ordinances and regulations adopted previous to January 1, 1910.

## BRIDGEPORT, CONN.

## PREPARATION AND BURIAL OF BODIES OF PERSONS DYING OF CONTAGIOUS DISEASES.

[By-law of board of health adopted Apr. 12, 1910.]

SECTION 1. Any undertaker having in his care or possession or who is preparing for burial the body of a person who died of smallpox, scarlet fever, diphtheria, membranous croup, or measles shall give immediate notice to the board of health or the health officer of the name of the deceased, the place of death, and the time of burial.

SEC. 2. It shall be the duty of such undertaker to care for the body of a person who died of any of the diseases specified in section 1 in the following manner: At the time of his first visit to the house occupied by the deceased, and without delay, he shall cause such body to be disinfected by wrapping it in several thicknesses of cloth wrung out of a solution made by dissolving 60 grains of corrosive sublimate and 2 tablespoonsfuls of common salt in 1 gallon of hot water, or out of a solution made by dissolving 6 ounces of pure carbolic acid (not the commercial, colored, impure acid) in a gallon of hot water, or out of a 40 per cent solution of formaldehyde (1 part to 4 of water), every part of the body to be inclosed and not thereafter to be exposed to view.

SEC. 3. The funeral of a person dying of smallpox, scarlet fever, or diphtheria shall be private, and no persons except the undertaker or his assistant, the clergyman, and the immediate family of the deceased may attend.

SEC. 4. No person shall enter the rooms or tenement containing the body of a person who has died of any of the diseases mentioned in section 3, except the persons specified in section 3, and an agent of the board of health, until the premises have been disinfected and the quarantine card removed.

SEC. 5. The undertaker or person having charge of the funeral shall notify the owner of the carriage or carriages used by the clergyman or members of the family of the deceased at such funeral, and such carriages shall not be again used until fumigated.

SEC. 6. Every person violating any of the foregoing provisions shall be fined not more than \$50 for each offense.

## MEAT INSPECTION AND ABATTOIRS.

[Ordinance adopted Jan. 30, 1911.]

1. No person shall slaughter any cattle, sheep, or swine in the city of Bridgeport except in the slaughterhouses licensed by the board of health or in the slaughterhouses under United States Government inspection.

2. No meat shall be sold for human food or offered for sale or held with the intention of selling the same in the city of Bridgeport unless the animal furnishing the meat was examined by an agent of the board of health within 24 hours previous to the time of slaughter except such animals or such carcasses as have been inspected or exempted by the United States Government and except such carcasses as are described in section 3.

3. Carcasses of animals killed upon the farms and to be sold in the city of Bridgeport, not inspected previous to slaughter, may be offered for inspection on the following conditions: Carcasses presented for inspection must have the head, heart, liver, and lungs held by the natural attachments. Such carcasses if offered shall be inspected and if found to be free from disease and otherwise sound and healthful shall be passed and stamped. If found to be diseased, unsound, unwholesome, or otherwise unfit for human food, they shall be condemned and destroyed for food purposes. For the examination of such carcasses a fee to be fixed by the board of health shall be paid, but it shall not exceed 10 cents for any animal.

4. All owners or persons having animals in charge for slaughter shall notify the agent of the board of health and give him an opportunity to examine the same by daylight.

5. In case the suitability of the animal for food can not be determined by the antemortem examination, the owner or person in charge of the animal must notify the agent of the board of health to be present to examine the animal when killed. The slaughter of such animals shall take place only in the daylight between 8 a. m. and 5 p. m.

6. All animals or carcasses or portions of the same when passed or approved by the agent of the board of health shall be marked, tagged, or labeled, and the mark, tag, or label placed thereon or affixed thereto shall bear the words "Approved, Board of Health."

7. No such mark or tag or label shall be attached to any animal or carcass or portion thereof except by an agent of the board of health.
8. No person shall sell or offer for sale any cattle, calves, swine, sheep, goats, fish, fowl, or poultry or the meat thereof which any agent of the board of health or United States Government inspector has condemned.
9. In case the agent of the board of health decides that a carcass or a portion of a carcass is not suitable for human food, he shall dispose of same or determine the method of its disposal.
10. No animal shall be passed or approved by the agent of the board of health as suitable for human food when it is suffering from any disease or injury which causes a feverish condition or an elevation of temperature, or when it is badly bruised or injured, or shows tumors, abscesses, or suppurating sores, or when it is too emaciated or weak to produce wholesome food, nor the carcass of any unborn animal, nor the carcass of any calf weighing less than 50 pounds when dressed, nor any carcass which after cooling shows a greenish-yellow discoloration, nor the carcass of any animal which died from accident or disease, or which had not been properly killed and bled.
11. Any person, firm, or corporation, other than the city collectors of garbage and dead animals, bringing into the city carcasses of any sheep, swine, goats, or cattle, having died from accident or disease, shall promptly notify the health department, health officer, or some agent of the board of health where such carcasses can be seen, who shall immediately mark or label the carcasses "Unfit for food;" and no person, firm, or corporation shall use such carcasses or any portion thereof in the manufacture of a food product or have the same in his possession with the intention of so using it.
12. The carcasses of all calves when dressed shall be weighed by the owner in the presence of an agent of the board of health.
13. A fee shall be paid to the board of health for said use of the slaughterhouse owned by the city and for the examination of animals therein, which fee shall be fixed by the said board, but shall not exceed for cattle, for each, 50 cents; calves, for each, 25 cents; hogs, sheep, and goats, for each, 15 cents, unless cold storage is furnished by the city; and for the examination of animals at other slaughterhouses licensed by said board a fee to be fixed by said board shall be paid, but it shall not exceed 10 cents for any animal.
14. The board of health shall have the power and authority to adopt such rules and regulations as may from time to time become necessary to carry out the provisions of this ordinance.
15. The person, firm, or corporation violating any of the provisions of this ordinance, or any of the rules and regulations adopted by the board of health as provided in section 14, shall be fined not more than \$100 for each offense. Each animal, carcass, or part of carcass slaughtered and sold in violation of this ordinance shall be considered a separate offense.
16. The ordinance entitled "An ordinance relative to slaughtering, etc.," adopted by the common council on October 7, 1907, and approved October 9, 1907, is hereby repealed.

# UNITED STATES.

REPORTS TO THE SURGEON GENERAL, PUBLIC HEALTH AND MARINE-HOSPITAL SERVICE.

## PLAQUE-PREVENTION WORK.

### DISTRIBUTION OF POISON.

In connection with the making of a squirrel-free zone around the cities in California on San Francisco Bay, 210 acres of land in Alameda County were covered with poison during the week ended March 4, 1911.

#### Record of Plague Infection.

Places.	Date of last case of human plague.	Date of last case of rat plague.	Date of last case of squirrel plague.	Total number of rodents found infected since May, 1907.
California:				
Cities—				
San Francisco.....	Jan. 30, 1908.....	Oct. 23, 1908.....	None.....	398 rats.
Oakland.....	Oct. 26, 1909.....	Dec. 1, 1908.....	do.....	126 rats.
Berkeley.....	Aug. 28, 1907.....	None recorded.....	do.....	None.
Los Angeles.....	Aug. 11, 1908.....	None.....	Aug. 21, 1908.....	1 squirrel.
Counties—				
Alameda (exclusive of the city of Oakland). Contra Costa.....	Sept. 26, 1909..... July 21, 1908.....	{Wood rat, Oct. 17, 1909..... None.....	Feb. 1, 1911.....	94 squirrels. 1 wood rat.
Merced.....	None recorded.....	do.....	Sept. 10, 1910.....	247 squirrels.
Monterey.....	do.....	do.....	June 6, 1910.....	2 squirrels.
San Benito.....	June 5, 1910.....	do.....	do.....	4 squirrels.
San Joaquin.....	None recorded.....	do.....	July 11, 1910.....	20 squirrels.
San Luis Obispo.....	do.....	do.....	Jan. 9, 1911.....	11 squirrels.
Santa Clara.....	Aug. 23, 1910.....	do.....	Jan. 29, 1910.....	1 squirrel.
Santa Cruz.....	None recorded.....	do.....	Oct. 5, 1910.....	23 squirrels.
Stanislaus.....	do.....	do.....	May 17, 1910.....	3 squirrels.
Washington:				
Seattle.....	Oct. 30, 1907.....	Feb. 8, 1910.....	None.....	22 rats.

#### Rats Collected and Examined for Plague Infection.

Places.	Week ended—	Found dead.	Total collected.	Examined.	Found infected.
California:					
Cities—					
Berkeley.....	Mar. 4.....	1 91	1 91	64	64
Oakland.....	do.....	23	2 604	482	482
San Francisco.....	do.....	35	3 1,566	1,117	1,117
Counties—					
Merced.....	do.....	4 20	4 20	20	20
Washington:					
Seattle.....	{Feb. 25 (Mar. 4)	867 927	867 927	728 780	728 780
Total.....		58	4,075	3,191	.....

<sup>1</sup> Identified, *Mus norvegicus* 64, *Mus musculus* 27.

<sup>2</sup> Identified, *Mus norvegicus* 503, *Mus rattus* 2, *Mus musculus* 99.

<sup>3</sup> Identified, *Mus norvegicus* 939, *Mus rattus* 148, *Mus musculus* 347, *Mus albus* 1, *Mus alexandrinus* 166.

<sup>4</sup> Identified, *Mus norvegicus* 20.

## Squirrels Collected and Examined for Plague Infection.

Places.	Week ended—	Trapped and shot.	Found dead.	Examined.	Found infected.
California:					
Cities—					
San Francisco.....	Mar. 4	1	.....	1	.....
Counties—					
Alameda.....	do.....	47	.....	47	.....
Fresno.....	do.....	53	.....	53	.....
Imperial.....	do.....	153	.....	149	.....
Kern.....	do.....	19	.....	19	.....
Los Angeles.....	do.....	185	.....	185	.....
Madera.....	do.....	71	.....	71	.....
Mariposa.....	do.....	98	.....	98	.....
Monterey.....	do.....	13	.....	13	.....
Riverside.....	do.....	10	.....	10	.....
San Joaquin.....	do.....	117	.....	115	.....
San Luis Obispo.....	do.....	8	.....	8	.....
Santa Clara.....	do.....	64	.....	64	.....
Stanislaus.....	do.....	69	.....	69	.....
Yolo.....	do.....	2	.....	2	.....
Total.....		910	.....	904	.....

## Other Animals Collected and Examined.

Places.	Week ended—	Animals collected.	Examined.	Found infected.
California:				
Cities—				
San Francisco.....	Mar. 4	1 gopher.....	.....	.....
Counties—				
Alameda.....	do.....	1 rabbit.....	1	.....
Fresno.....	do.....	5 rabbits.....	5	.....
Imperial.....	do.....	74 rabbits.....	70	.....
Mariposa.....	do.....	9 rabbits.....	9	.....
San Joaquin.....	do.....	8 rabbits.....	8	.....
San Luis Obispo.....	do.....	1 rabbit.....	1	.....
Santa Clara.....	do.....	4 gophers.....	4	.....
Stanislaus.....	do.....	1 rabbit.....	1	.....
Yolo.....	do.....	do.....	1	.....
Total.....			100	.....

## SMALLPOX IN THE UNITED STATES.

In the following tables the States indicated by an asterisk are those from which reports of smallpox are received only from certain city and, in some cases, county boards of health. In these States, therefore, the recorded cases and deaths should not be taken as showing the general prevalence of the disease. In the States not marked by an asterisk the reports are received monthly from the State boards of health and include all cases reported throughout the State.

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received During Week Ended March 24, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
*Alabama:				
Montgomery.....	Mar. 5-11.....	3.....		
District of Columbia.....	Mar. 5-11.....	1.....		
Florida:				
Counties—				
Alachua.....	Mar. 5-11.....	2.....		
Citrus.....	Mar. 5-11.....	1.....		
Duval.....	Mar. 5-11.....	13.....		
Escambia.....	Mar. 5-11.....	2.....		
Hillsboro.....	Mar. 5-11.....	4.....		
Jackson.....	Mar. 5-11.....	2.....		
Lake.....	Mar. 5-11.....	3.....		
Leon.....	Mar. 5-11.....	2.....		
Polk.....	Mar. 5-11.....	17.....		
Total for State.....		46.....		
Illinois:				
Counties—				
Adams.....	Feb. 1-28.....	1.....		
Bond.....	Feb. 1-28.....	1.....		
Carroll.....	Feb. 1-28.....	1.....		
Clay.....	Feb. 1-28.....	1.....		
Coles.....	Feb. 1-28.....	1.....		
Effingham.....	Feb. 1-28.....	1.....		
Kane.....	Feb. 1-28.....	8.....		
McLean.....	Feb. 1-28.....	17.....		
Macoupin.....	Feb. 1-28.....	1.....		
Madison.....	Feb. 1-28.....	4.....		
Saline.....	Feb. 1-28.....	5.....		
Union.....	Feb. 1-28.....	5.....		
Vermilion.....	Feb. 1-28.....	1.....		
Washington.....	Feb. 1-28.....	1.....		
Total for State.....		48.....		
Indiana:				
Counties—				
Adams.....	Feb. 1-28.....	6.....		
Allen.....	Feb. 1-28.....	1.....		
Blackford.....	Feb. 1-28.....	3.....		
Cass.....	Feb. 1-28.....	2.....		
Clay.....	Feb. 1-28.....	8.....		
Daviess.....	Feb. 1-28.....	1.....		
Decatur.....	Feb. 1-28.....	1.....		
Dekalb.....	Feb. 1-28.....	4.....		
Delaware.....	Feb. 1-28.....	6.....		
Greene.....	Feb. 1-28.....	1.....		
Huntington.....	Feb. 1-28.....	1.....		
Knox.....	Feb. 1-28.....	5.....		
Madison.....	Feb. 1-28.....	36.....		
Montgomery.....	Feb. 1-28.....	6.....		
Stueben.....	Feb. 1-28.....	5.....		
St. Joseph.....	Feb. 1-28.....	1.....		
Vigo.....	Feb. 1-28.....	3.....		
Wabash.....	Feb. 1-28.....	1.....		
Warren.....	Feb. 1-28.....	1.....		
Wayne.....	Feb. 1-28.....	7.....		
Total for State.....		99.....		
*Kentucky:				
Henderson.....	Feb. 22-28.....	4.....		
Paducah.....	Mar. 5-11.....	1.....		
Total for State.....		5.....		
Louisiana:				
New Orleans.....	Mar. 5-11.....	7.....		
*Mississippi:				
Biloxi.....	Mar. 13.....			Present.
*Missouri:				
St. Louis.....	Mar. 5-11.....	3.....		
*South Carolina:				
Charleston.....	Feb. 1-28.....	1.....		
*Tennessee:				
Knoxville.....	Mar. 5-11.....	6.....		
Nashville.....	Mar. 5-11.....	2.....		
Total for State .....		8.....		

## SMALLPOX IN THE UNITED STATES—Continued.

## Reports Received During Week Ended March 24, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Texas:</b>				
Counties—				
Bell.	Feb. 1-28.	1		
Cameron.	Feb. 1-28.	2		
Cherokee.	Feb. 1-28.	2		
DeWitt.	Feb. 1-28.	4		
El Paso.	Feb. 1-28.	31		
Henderson.	Feb. 1-28.	2		
McLennan.	Feb. 1-28.	7		
Marion.	Feb. 1-28.	15		
Nueces.	Feb. 1-28.	3		
Orange.	Feb. 1-28.	2		
Tarrant.	Feb. 1-28.	6		
Van Zandt.	Feb. 1-28.	1		
Total for State.		76		
<b>Virginia:</b>				
Counties—				
Appomattox.	Jan. 1-31.	3		
Alexandria.	Jan. 1-31.	5		
Culpeper.	Jan. 1-31.	3		
Dinwiddie.	Jan. 1-31.	1		
Fairfax.	Jan. 1-31.	2		
Fauquier.	Jan. 1-31.	12		
Frederick.	Jan. 1-31.	4		
Lee.	Jan. 1-31.	229		
Loudoun.	Jan. 1-31.	1		
Lunenburg.	Jan. 1-31.	8		
Nansemond.	Jan. 1-31.	4		
Roanoke.	Jan. 1-31.	1		
Southampton.	Jan. 1-31.	1		
Stafford.	Jan. 1-31.	10		
Wise.	Jan. 1-31.	7		
Total for State.		291		

## Reports Received from December 31, 1910, to March 17, 1911.

[For reports received from June 25, 1910, to Dec. 30, 1910, see Public Health Reports for Dec. 30, 1910. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

Places.	Date.	Cases.	Deaths.	Remarks.
<b>*Alabama:</b>				
Montgomery.	Dec. 11-Mar. 4.	12		
<b>California:</b>				
Counties—				
Alameda.	Dec. 1-31.	3		
Imperial.	Dec. 1-31.	1		
Humboldt.	Dec. 1-Jan. 31.	2		
Kern.	Dec. 1-31.	1		
Los Angeles.	Dec. 1-31.	1		
Mariposa.	Jan. 1-31.	1		
Riverside.	Jan. 1-31.	1		
San Bernardino.	Jan. 1-31.	3		
San Diego.	Dec. 1-Jan. 31.	15	1	
San Francisco.	Dec. 1-Jan. 31.	10		
San Joaquin.	Dec. 1-31.	2		
Ventura.	Jan. 1-31.	9		
Total for State.		49	1	
<b>Colorado:</b>				
Counties—				
Adams.	Dec. 1-Jan. 31.	6		
Arapahoe.	Dec. 1-Jan. 31.	15		
Archuleta.	Dec. 1-Jan. 31.	20		
Boulder.	Dec. 1-Jan. 31.	21		
Conejos.	Dec. 1-31.	2		
Costilla.	Jan. 1-31.	5		
Denver.	Dec. 1-Jan. 31.	152		
Eagle.	Jan. 1-31.	1		
El Paso.	Dec. 1-31.	1		
Fremont.	Dec. 1-Jan. 31.	8		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from December 31, 1910, to March, 17 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Colorado—Continued.</b>				
<b>Counties—Continued.</b>				
Garfield.....	Jan. 1-31.....	4.....	.....	
Gilpin.....	Jan. 1-31.....	1.....	.....	
Grand.....	Dec. 1-31.....	2.....	.....	
Huerfano.....	Dec. 1-31.....	13.....	.....	
Jefferson.....	Dec. 1-31.....	5.....	.....	
Kit Carson.....	Jan. 1-31.....	1.....	.....	
La Plata.....	Dec. 1-Jan. 31.....	14.....	.....	
Larimer.....	Jan. 1-31.....	17.....	.....	
Las Animas.....	Dec. 1-Jan. 31.....	37.....	.....	
Mineral.....	Jan. 1-31.....	2.....	.....	
Montezuma.....	Dec. 1-31.....	1.....	.....	
Montrose.....	Jan. 1-31.....	2.....	.....	
Morgan.....	Dec. 1-Jan. 31.....	33.....	.....	
Pueblo.....	Dec. 1-31.....	3.....	1.....	
Rio Grande.....	Jan. 1-31.....	9.....	.....	
Saguache.....	Dec. 1-31.....	3.....	.....	
Teller.....	Jan. 1-31.....	1.....	.....	
<b>Total for State.....</b>		<b>379.....</b>	<b>1.....</b>	
<b>Connecticut.....</b>	<b>Dec. 1-Feb. 28.....</b>			<b>No cases.</b>
<b>District of Columbia.....</b>	<b>Jan. 15-21.....</b>	<b>2.....</b>		
<b>Florida:</b>				
<b>Counties—</b>				
Alachua.....	Dec. 18-Feb. 18...	41.....	1.....	
Baker.....	Jan. 8-14.....	1.....	.....	
Bradford.....	Jan. 16-Feb. 4.....	4.....	.....	
Brevard.....	Feb. 19-25.....	5.....	.....	
Calhoun.....	Jan. 29-Feb. 4.....	20.....	.....	
Citrus.....	Jan. 8-14.....	1.....	.....	
Dade.....	Dec. 25-Feb. 18.....	3.....	.....	
Duval.....	Jan. 1-Mar. 4.....	102.....	1.....	
Escambia.....	Jan. 1-Feb. 25.....	37.....	.....	
Franklin.....	Jan. 8-21.....	4.....	.....	
Gadsden.....	Dec. 18-Feb. 18.....	61.....	.....	
Hillsboro.....	Dec. 25-Mar. 4.....	65.....	.....	
Jackson.....	Dec. 25-Mar. 4.....	69.....	.....	
Jefferson.....	Feb. 5-11.....	2.....	.....	
Lafayette.....	Jan. 16-Feb. 4.....	6.....	.....	
Lake.....	Jan. 22-28.....	6.....	.....	
Lee.....	Jan. 8-Mar. 4.....	21.....	.....	
Leon.....	Dec. 18-Mar. 4.....	81.....	1.....	
Levy.....	Jan. 29-Feb. 4.....	2.....	.....	
Liberty.....	Feb. 26-Mar. 4.....	6.....	.....	
Madison.....	Dec. 18-Jan. 21.....	19.....	.....	
Nassau.....	Jan. 16-21.....	2.....	.....	
Orange.....	Jan. 16-21.....	1.....	.....	
Osceola.....	Dec. 18-24.....	1.....	.....	
Polk.....	Dec. 18-Mar. 4.....	38.....	.....	
Putnam.....	Feb. 12-Mar. 4.....	4.....	.....	
St. John.....	Jan. 22-Feb. 11.....	2.....	.....	
Santa Rosa.....	Jan. 8-Feb. 25.....	34.....	.....	
Suwanee.....	Jan. 16-21.....	1.....	.....	
Taylor.....	Jan. 8-Feb. 4.....	140.....	.....	
Volusia.....	Jan. 22-Mar. 4.....	14.....	.....	
Walton.....	Dec. 25-Feb. 25.....	8.....	.....	
Washington.....	Jan. 8-14.....	4.....	.....	
<b>Total for State.....</b>		<b>805.....</b>	<b>3.....</b>	
<b>Illinois:</b>				
<b>Counties—</b>				
Bond.....	Jan. 1-31.....	1.....	.....	
Coles.....	Jan. 1-31.....	5.....	.....	
Cook, exclusive of Chicago.....	Jan. 1-31.....	2.....	.....	
Chicago.....	Jan. 1-31.....	14.....	.....	
Kane.....	Jan. 1-31.....	1.....	.....	
McLean.....	Jan. 1-31.....	1.....	.....	
Madison.....	Jan. 1-31.....	4.....	.....	
Peoria.....	Jan. 1-31.....	5.....	.....	
Saline.....	Jan. 1-31.....	3.....	.....	
Stevenson.....	Jan. 1-31.....	3.....	.....	
Union.....	Jan. 1-31.....	7.....	.....	
Vermilion.....	Jan. 1-31.....	1.....	.....	
Williamson.....	Jan. 1-31.....	1.....	.....	
<b>Total for State.....</b>		<b>48.....</b>		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from December 31, 1910, to March 17, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Indiana:</b>				
<b>Counties—</b>				
Cass.....	Jan. 1-31.....	4.....		
Decatur.....	Jan. 1-31.....	2.....		
Dekalb.....		5.....		
Elkhart.....	Dec. 1-31.....	5.....		
Howard.....	Dec. 1-31.....	1.....		
Jennings.....	Jan. 1-31.....	6.....		
Knox.....	Dec. 1-Jan. 31.....	3.....		
Madison.....	Dec. 1-Jan. 31.....	132.....		
Marion.....	Jan. 1-31.....	1.....		
Montgomery.....	Dec. 1-Jan. 31.....	6.....		
Noble.....	Jan. 1-31.....	1.....		
Posey.....	Jan. 1-31.....	1.....		
Steuben.....	Jan. 1-31.....	2.....		
Vigo.....	Jan. 1-31.....	19.....		
Wayne.....	Jan. 1-31.....	12.....		
<b>Total for State.....</b>		<b>200.....</b>		
<b>Iowa:</b>				
<b>Counties—</b>				
Benton.....	Jan. 1-Feb. 28.....	2.....		
Black Hawk.....	Feb. 1-28.....	1.....		
Boone.....	Feb. 1-28.....	1.....		
Buena Vista.....	Dec. 1-31.....	1.....		
Dallas.....	Feb. 1-28.....	1.....		
Dubuque.....	Feb. 1-28.....	1.....		
Fremont.....	Feb. 1-28.....	7.....		
Guthrie.....	Jan. 1-Feb. 28.....	4.....		
Hancock.....	Jan. 1-31.....	3.....		
Jefferson.....			1.....	Year 1910, in delinquent report received after Jan. 1, 1911.
Johnson.....	Jan. 1-31.....	1.....		
Lee.....	Dec. 1-31.....	1.....		
Linn.....	Dec. 1-Feb. 28.....	58.....		
Lucas.....	Jan. 1-31.....	1.....		
Lyon.....	Dec. 1-31.....	3.....		
Mahaska.....	Feb. 1-28.....	1.....		
Marshall.....	Dec. 1-Jan. 31.....	8.....		
Page.....	Dec. 1-Feb. 28.....	34.....	1.....	
Polk.....	Dec. 1-Feb. 28.....	10.....		
Pottawattamie.....	Jan. 1-Feb. 28.....	9.....		
Scott.....	Dec. 1-Feb. 28.....	7.....		
Sioux.....	Feb. 1-28.....	1.....		
Taylor.....	Dec. 1-31.....	64.....		
Union.....	Jan. 1-Feb. 28.....	3.....		
Warren.....	Dec. 1-31.....	1.....		
Webster.....	Dec. 1-31.....	10.....		
Winnebago.....	Jan. 1-31.....	1.....		
Woodbury.....	Dec. 1-Feb. 28.....	13.....		
<b>Total for State.....</b>		<b>247.....</b>	<b>2.....</b>	
<b>Kansas:</b>				
<b>Counties—</b>				
Pawnee.....	Nov. 1-30.....	1.....		Not previously reported.
Reno.....	Nov. 1-30.....	1.....		Do.
Allen.....	Dec. 1-31.....	5.....		
Atchison.....	Dec. 1-31.....	4.....		
Brown.....	Dec. 1-31.....	36.....		
Butler.....	Dec. 1-31.....	1.....		
Cherokee.....	Dec. 1-31.....	1.....		
Clay.....	Dec. 1-31.....	1.....		
Decatur.....	Dec. 1-31.....	1.....		
Dickinson.....	Dec. 1-31.....	5.....		
Doniphan.....	Dec. 1-31.....	1.....		
Jefferson.....	Dec. 1-31.....	1.....		
Johnson.....	Dec. 1-31.....	4.....		
Kingman.....	Dec. 1-31.....	1.....		
Leavenworth—				
Leavenworth.....	Dec. 1-31.....	2.....		
Marshall.....	Dec. 1-31.....	78.....		
Montgomery.....	Dec. 1-31.....	4.....		
Nemaha.....	Dec. 1-31.....	1.....		
Osage.....	Dec. 1-31.....	1.....		
Reno.....	Dec. 1-31.....	1.....		
Rooks.....	Dec. 1-31.....	1.....	1.....	
Shawnee.....	Dec. 1-31.....	2.....		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from December 31, 1910, to March 17, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Kansas—Continued.</b>				
<b>Counties—Continued.</b>				
Sumner.....	Dec. 1-31.....	6.....	.....	
Wyandotte, exclusive of Kansas City.....	Dec. 1-31.....	9.....	.....	
Kansas City.....	Dec. 1-31.....	11.....	.....	
Total for State.....	.....	179.....	1.....	
<b>*Kentucky:</b>				
Lexington.....	Feb. 26-Mar. 4.....	1.....	.....	
Paducah.....	Jan. 23-Mar. 4.....	19.....	.....	
Total for State.....	.....	20.....	.....	
<b>Louisiana:</b>				
<b>Parishes—</b>				
Ascension.....	Dec. 1-31.....	1.....	.....	
East Baton Rouge.....	Dec. 1-31.....	25.....	.....	
East Feliciana.....	Dec. 1-31.....	30.....	.....	
Iberville.....	Dec. 1-31.....	6.....	.....	
Orleans—				
New Orleans.....	Dec. 18-Mar. 4.....	133.....	1.....	
Rapides.....	Dec. 1-31.....	1.....	.....	
St. Charles.....	Dec. 1-31.....	4.....	.....	
St. John.....	Dec. 1-31.....	1.....	.....	
Tangipahoa.....	Nov. 1-Dec. 31.....	22.....	.....	
Tensas.....	Dec. 1-31.....	9.....	.....	
Washington.....	Dec. 1-31.....	1.....	.....	
Total for State.....	.....	233.....	1.....	
<b>Maine (entire State):</b>	Dec. 1-Feb. 28.....	.....	.....	No cases.
<b>Maryland:</b>				
<b>Counties—</b>				
Baltimore.....	Feb. 1-28.....	2.....	.....	
Garrett.....	Jan. 1-Feb. 28.....	10.....	.....	Dec. 1-31, no cases.
Total for State.....	.....	12.....	.....	
<b>Massachusetts:</b>	Nov. 1-Dec. 31.....	.....	.....	No cases
<b>Michigan:</b>				
<b>Counties—</b>				
Alcona.....	Dec. 1-31.....	1.....	.....	
Alger.....	Dec. 1-Feb. 28.....	2.....	.....	
Alpena.....	Jan. 1-31.....	1.....	.....	
Antrim.....	Jan. 1-31.....	1.....	.....	
Arenac.....	Dec. 1-Jan. 31.....	7.....	.....	
Bay.....	Dec. 1-Jan. 31.....	2.....	.....	
Barry.....	Feb. 1-28.....	1.....	.....	
Calhoun.....	Dec. 1-Feb. 28.....	17.....	1.....	
Cass.....	Feb. 1-28.....	2.....	.....	
Charlevoix.....	Dec. 1-Feb. 28.....	24.....	.....	
Cheboygan.....	Dec. 1-Feb. 28.....	30.....	.....	
Clare.....	Jan. 1-31.....	8.....	.....	
Clinton.....	Dec. 1-31.....	3.....	.....	
Crawford.....	Dec. 1-Jan. 31.....	6.....	.....	
Eaton.....	Dec. 1-Jan. 31.....	6.....	.....	
Emmet.....	Jan. 1-Feb. 28.....	63.....	.....	
Genesee.....	Dec. 1-Feb. 28.....	14.....	1.....	
Gladwin.....	Dec. 1-Feb. 28.....	4.....	1.....	
Grand Traverse.....	Dec. 1-31.....	1.....	.....	
Gratiot.....	Dec. 1-Feb. 28.....	10.....	.....	
Houghton.....	Feb. 1-28.....	5.....	.....	
Huron.....	Jan. 1-31.....	8.....	.....	
Ingham.....	Dec. 1-Feb. 28.....	3.....	.....	
Ionia.....	Jan. 1-Feb. 28.....	19.....	.....	
Isabella.....	Dec. 1-Feb. 28.....	14.....	.....	
Kalamazoo.....	Dec. 1-Jan. 31.....	6.....	.....	
Keweenaw.....	Dec. 1-Feb. 28.....	16.....	.....	
Lake.....	Dec. 1-31.....	3.....	.....	
Lapeer.....	Dec. 1-31.....	1.....	.....	
Leelanau.....	Jan. 1-31.....	2.....	.....	
Livingston.....	Feb. 1-28.....	1.....	.....	
Mackinac.....	Feb. 1-28.....	4.....	.....	
Macomb.....	Feb. 1-28.....	7.....	.....	
Marquette.....	Dec. 1-Jan. 31.....	10.....	.....	
Midland.....	Dec. 1-31.....	3.....	.....	
Missaukee.....	Dec. 1-31.....	3.....	.....	

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from December 31, 1910, to March 17, 1911.

Places.	Date.	Cases.	Deaths.	Remarks
<b>Michigan—Continued.</b>				
<b>Counties—Continued.</b>				
Monroe.....	Dec. 1-31.....	2.....	.....	
Muskegon.....	Jan. 1-31.....	1.....	.....	
Newaygo.....	Jan. 1-31.....	3.....	.....	
Presque Isle.....	Dec. 1-31.....	1.....	.....	
Saginaw.....	Dec. 1-31.....	3.....	3.....	
Saline.....	Jan. 1-Feb. 28.....	8.....	.....	
St. Clair.....	Dec. 1-Feb. 28.....	7.....	.....	
Washtenaw.....	Dec. 1-Jan. 31.....	3.....	.....	
Wayne.....	Dec. 1-31.....	1.....	.....	
Wexford.....	Dec. 1-31.....	5.....	.....	
Total for State.....		342.....	6.....	
<b>Minnesota:</b>				
<b>Counties—</b>				
Beltrami.....	Dec. 19-Jan. 16.....	2.....	.....	
Bigstone.....	Dec. 26-Jan. 1.....	1.....	.....	
Blue Earth.....	Dec. 19-25.....	1.....	.....	
Douglas.....	Dec. 5-Jan. 1.....	3.....	.....	
Fillmore.....	Nov. 27-Dec. 4.....	1.....	.....	
Hennepin.....	Dec. 3-Jan. 30.....	32.....	.....	
Kandiyohi.....	Jan. 24-30.....	1.....	.....	
Koochiching.....	Dec. 5-Jan. 23.....	11.....	.....	
Lac qui Parie.....	Jan. 10-16.....	1.....	.....	
Le Sueur.....	Dec. 26-Jan. 1.....	3.....	.....	
Murray.....	Jan. 17-23.....	3.....	.....	
Nobles.....	Dec. 5-25.....	3.....	.....	
Norman.....	Dec. 12-Jan. 30.....	16.....	.....	
Olmsted.....	Jan. 10-16.....	1.....	.....	
Pipestone.....	Jan. 10-16.....	3.....	.....	
Pope.....	Jan. 3-9.....	3.....	.....	
Ramsey.....	Dec. 5-Jan. 16.....	86.....	.....	
St. Louis.....	Nov. 27-Dec. 4.....	8.....	.....	
Sibley.....	Dec. 26-Jan. 16.....	2.....	.....	
Todd.....	Dec. 5-Jan. 30.....	22.....	.....	
Wabasha.....	Dec. 26-Jan. 1.....	1.....	.....	
Wadena.....	Dec. 26-Jan. 2.....	2.....	.....	
Winona.....	Jan. 17-23.....	1.....	.....	
Total for State.....		207.....	.....	
<b>Missouri:</b>				
<b>Counties—</b>				
Kansas City.....	Nov. 1-Jan. 31.....	119.....	.....	
St. Joseph.....	Feb. 5-18.....	16.....	.....	
St. Louis.....	Dec. 18-Mar. 4.....	23.....	1.....	
Springfield.....	Feb. 5-11.....	10.....	.....	
Total for State.....		168.....	1.....	
<b>Montana:</b>				
<b>Counties—</b>				
Beaverhead.....	Jan. 1-31.....	1.....	.....	
Cascade.....	Dec. 1-Jan. 31.....	6.....	.....	
Chouteau.....	Jan. 1-31.....	1.....	.....	
Custer.....	Dec. 1-Jan. 31.....	2.....	.....	
Dawson.....	Nov. 1-30.....	4.....	.....	
Deer Lodge.....	Nov. 1-Jan. 31.....	13.....	1.....	
Missoula.....	Jan. 1-31.....	2.....	.....	
Powell.....	Jan. 1-31.....	1.....	.....	
Ravalli.....	Dec. 1-31.....	3.....	.....	
Silver Bow, exclusive of Butte.....	Nov. 1-Jan. 31.....	29.....	.....	
Butte.....	Nov. 1-Jan. 31.....	41.....	.....	
Teton.....	Jan. 1-31.....	1.....	.....	
Total for State.....		104.....	1.....	
<b>New Jersey:</b>				
<b>County—</b>				
Bergen.....	Dec. 1-31.....	2.....	.....	
Middlesex.....	Jan. 1-31.....	1.....	.....	
Salem.....	Jan. 1-Feb. 28.....	27.....	.....	
Total for State.....		30.....	.....	

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from December 31, 1910, to March 17, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>New York:</b> Counties—				
Allegany.....	Nov. 1-30.....	1.....		
Chautauqua.....	Jan. 1-31.....	4.....		
Columbia.....	Jan. 1-31.....	1.....		
Niagara.....	Dec. 1-Jan. 31.....	2.....		
Onondaga.....	Jan. 1-31.....	1.....		
Tioga.....	Dec. 1-31.....	1.....		
Tompkins.....	Nov. 1-30.....	1.....		
<b>Total for State.....</b>		<b>11.....</b>		
<b>North Carolina:</b> Counties—				
Alamance.....	Jan. 1-31.....	1.....		
Beaufort.....	Dec. 1-Jan. 31.....	35.....		
Bertie.....	Jan. 1-31.....	1.....		
Bladen.....	Nov. 1-Jan. 31.....	63.....		
Brunswick.....	Dec. 1-Jan. 31.....	49.....		
Burke.....	Jan. 1-31.....	1.....		
Carteret.....	Nov. 1-Jan. 31.....	44.....		
Caswell.....	Jan. 1-31.....	9.....		
Chatham.....	Dec. 1-Jan. 31.....	40.....		
Cleveland.....	Jan. 1-31.....			Present.
Columbus.....	Nov. 1-Jan. 31.....	63.....		
Craven.....	Jan. 1-31.....	2.....		
Cumberland.....	Nov. 1-Jan. 31.....	32.....		
Currituck.....	Jan. 1-31.....	2.....		
Duplin.....	Dec. 1-31.....	20.....		
Durham.....	Nov. 1-Jan. 31.....	440.....		
Edgecombe.....	Nov. 4-Jan. 31.....	7.....		
Franklin.....	Nov. 1-30.....	1.....		
Granville.....	Dec. 1-Jan. 31.....	15.....		
Henderson.....	Dec. 1-Jan. 31.....	10.....		
Hertford.....	Dec. 1-31.....	1.....		
Johnston.....	Dec. 1-31.....	3.....		
Jones.....	Jan. 1-31.....	6.....		
Lee.....	Dec. 1-Jan. 31.....	7.....		
Lenoir.....	Jan. 1-31.....	2.....		
Martin.....	Nov. 1-Dec. 31.....	17.....		
Mecklenburg.....	Jan. 1-31.....	5.....		
Nash.....	Nov. 1-30.....	6.....		
New Hanover.....	Nov. 1-Jan. 31.....	597.....		
Northampton.....	Jan. 1-31.....	12.....		
Onslow.....	Dec. 1-Jan. 31.....	65.....		
Orange.....	Jan. 1-31.....	12.....		
Pasquotank.....	Nov. 1-30.....	1.....		
Pender.....	Nov. 1-Jan. 31.....	127.....		
Person.....	Jan. 1-31.....	1.....		
Pitt.....	Nov. 1-Jan. 31.....	26.....		
Robeson.....	Nov. 1-Jan. 31.....	160.....		
Rowan.....	Dec. 1-Jan. 31.....	4.....		
Sampson.....	Dec. 1-Jan. 31.....	21.....		
Union.....	Nov. 1-Jan. 31.....	5.....		
Vance.....	Jan. 1-31.....	18.....		
Wake.....	Nov. 1-Jan. 31.....	21.....		
Washington.....	Jan. 1-31.....	2.....		
Wayne.....	Dec. 1-Jan. 31.....	4.....		
Wilkes.....	Jan. 1-31.....	1.....		
<b>Total for State.....</b>		<b>1,917.....</b>		
<b>North Dakota:</b> Counties—				
Billings.....	Jan. 1-Feb. 28.....	22.....		
Cass.....	Dec. 1-31.....	1.....		
Grand Forks.....	Jan. 1-31.....	1.....		
Lamoure.....	Feb. 1-28.....	6.....		
McIntosh.....	Jan. 1-Feb. 28.....	2.....		
Morton.....	Dec. 1-31.....	1.....		
Ramsey.....	Jan. 1-31.....	1.....		
Steele.....	Dec. 1-Jan. 31.....	19.....		
Stutsman.....	Jan. 1-Feb. 28.....	17.....		
<b>Total for State.....</b>		<b>70.....</b>		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from December 31, 1910, to March 17, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Ohio:</b>				
Counties—				
Ashland.....	Jan. 1-Feb. 28.....	2	1	
Clark.....	Jan. 1-31.....	51		
Delaware.....	Feb. 1-28.....	1		
Franklin.....	Dec. 1-Feb. 28.....	12		
Fulton.....	Jan. 1-31.....	4		
Hamilton.....	Dec. 1-Feb. 28.....	6		
Lorain.....	Dec. 1-31.....	2		
Miami.....	Feb. 1-28.....	1		
Montgomery.....	Jan. 1-Feb. 28.....	2		
Portage.....	Dec. 1-31.....	1		
Ross.....	Jan. 1-31.....	1		
Williams.....	Jan. 1-31.....	3		
Total for State.....		86	1	
<b>Oklahoma:</b>				
Counties—				
Adair.....	Nov. 1-30.....	1		
Atoka.....	Dec. 1-31.....	1		
Beckham.....	Nov. 1-Jan. 31.....	45		
Blaine.....	Nov. 1-Jan. 31.....	11		
Bryan.....	Nov. 1-Dec. 31.....	16		
Caddo.....	Nov. 1-Jan. 31.....	23		
Canadian.....	Nov. 1-Jan. 31.....	34		
Cherokee.....	Jan. 1-31.....	2		
Choctaw.....	Jan. 1-31.....	14		
Comanche.....	Jan. 1-31.....	4		
Custer.....	Dec. 1-Jan. 31.....	9		
Garfield.....	Dec. 1-31.....	1		
Grady.....	Nov. 1-Jan. 31.....	5	1	
Green.....	Nov. 1-30.....	1		
Hughes.....	Nov. 1-Jan. 31.....	25		
Jackson.....	Jan. 1-31.....	7		
Johnston.....	Jan. 1-31.....	1		
Kay.....	Dec. 1-31.....	1		
Latimer.....	Dec. 1-31.....	1		
Lincoln.....	Jan. 1-31.....	49		
McCurtaim.....	Jan. 1-31.....	20		
McIntosh.....	Nov. 1-Dec. 31.....	12		
Major.....	Dec. 1-31.....	4		
Marshall.....	Nov. 1-30.....	8		
Nowata.....	Jan. 1-31.....	9		
Okfuskee.....	Jan. 1-31.....	5		
Oklahoma.....	Dec. 1-Jan. 31.....	12		
Okmulgee.....	Jan. 1-31.....	13		
Osage.....	Dec. 1-Jan. 31.....	3		
Pittsburg.....	Dec. 1-31.....	1		
Pontotoc.....	Jan. 1-31.....	2		
Pottawatomie.....	Jan. 1-31.....	6		
Seminole.....	Dec. 1-Jan. 31.....	9		
Stephens.....	Dec. 1-31.....	1		
Tulsa.....	Nov. 1-Jan. 31.....	3		
Washington.....	Dec. 1-31.....	1		
Washita.....	Nov. 1-Jan. 31.....	2		
Woods.....	Dec. 1-Jan. 31.....	11		
Total for State.....		373	1	
<b>Pennsylvania, entire State:</b>				No case
	Oct. 1-31.....			
	Nov. 1-Dec. 31.....	3		
<b>South Carolina:</b>				
Camden.....	Jan. 15-21.....	1		
Seven Mile.....	Mar. 1.....	9	1	
Total for State.....		10	1	
<b>Tennessee:</b>				
Counties—				
Davidson—				
Nashville.....	Jan. 8-Mar. 4.....	3		
Hamilton—				
Chattanooga.....	Jan. 1-Feb. 18.....	7	1	
Knox—				
Knoxville.....	Jan. 22-Mar. 4.....	12		
Shelby.....	Nov. 1-Dec. 31.....	254	2	
Total for State.....		276	3	

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from December 31, 1910, to March 17, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Texas:</b>				
Counties—				
Cameron.....	Nov. 1-Jan. 31.....	66	.....	
Cherokee.....	Jan. 1-31.....	2	.....	
Collin.....	Jan. 1-31.....	20	.....	
Dallas.....	Dec. 1-31.....	24	.....	
El Paso.....	Jan. 1-31.....	17	3	
Grimes.....	Nov. 1-30.....	4	.....	
Guadalupe.....	Jan. 1-31.....	5	2	
Henderson.....	Nov. 1-Jan. 31.....	13	.....	
Hidalgo.....	Dec. 1-31.....	1	.....	
Jones.....	Jan. 1-31.....	3	.....	
McLennan.....	Nov. 1-Dec. 31.....	4	.....	
Waco.....	Jan. 1-31.....	7	.....	
Marion.....	Dec. 1-31.....	3	.....	
Matagorda.....	Jan. 1-31.....	5	.....	
Nueces.....	Jan. 1-31.....	1	.....	
Orange.....	Jan. 1-31.....	7	.....	
Runnels.....	Jan. 1-31.....	1	.....	
Swisher.....	Dec. 1-31.....	2	.....	
Tarrant.....	Dec. 1-Jan. 31.....	3	.....	
Taylor.....	Jan. 1-31.....	1	.....	
Uvalde.....	Jan. 1-31.....	1	.....	
Van Zant—				
Willis Point.....	Nov. 1-Jan. 31.....	8	1	
Total for State.....		198	6	
<b>Utah:</b>				
Counties—				
Beaver.....	Nov. 1-Jan. 31.....	106	.....	
Boxelder.....	Jan. 1-31.....	20	.....	
Cache.....	Nov. 1-30.....	8	.....	
Davis.....	Dec. 1-Jan. 31.....	4	.....	
Iron.....	Nov. 1-Jan. 31.....	79	.....	
Juab.....	Nov. 1-Jan. 31.....	8	.....	
Millard.....	Nov. 1-Jan. 31.....	36	.....	
Platte.....	Jan. 1-31.....	14	.....	
Salt Lake.....	Nov. 1-Jan. 31.....	67	.....	
Sanpete.....	Dec. 1-31.....	1	.....	
Sevier.....	Dec. 1-31.....	30	.....	
Utah.....	Jan. 1-31.....	22	.....	
Washington.....	Nov. 1-Jan. 31.....	49	.....	
Weber.....	Nov. 1-Jan. 31.....	19	.....	
Total for State.....		463	.....	
<b>Washington:</b>				
Counties—				
King.....	Dec. 1-31.....	20	.....	
Pierce.....	Dec. 1-31.....	1	.....	
Skagit.....	Nov. 1-Dec. 31.....	93	.....	
Snohomish.....	Dec. 1-31.....	6	.....	
Spokane.....	Nov. 1-30.....	1	.....	
Stevens.....	Dec. 1-31.....	1	.....	
Total for State.....		122	.....	
<b>Wisconsin:</b>				
Counties—				
Ashland.....	Jan. 1-Feb. 28.....	6	.....	
Barron.....	Jan. 1-31.....	3	.....	
Buffalo.....	Feb. 1-28.....	1	.....	
Chippewa.....	Dec. 1-Feb. 28.....	6	.....	
Dane.....	Jan. 1-31.....	2	.....	
Douglas.....	Feb. 1-28.....	1	.....	
Dunn.....	Dec. 1-Feb. 28.....	13	.....	
Eau Claire.....	Feb. 1-28.....	4	.....	
Green.....	Jan. 1-31.....	2	.....	
Iowa.....	Dec. 1-Feb. 28.....	46	.....	
Jefferson.....	Dec. 1-Jan. 31.....	10	.....	
Lafayette.....	Dec. 1-Feb. 28.....	11	.....	
La Crosse.....	Dec. 1-Feb. 28.....	4	.....	
Lincoln.....	Feb. 1-28.....	1	.....	
Milwaukee.....	Dec. 1-Feb. 28.....	10	.....	
Oneida.....	Dec. 1-Feb. 28.....	5	.....	
Pierce.....	Feb. 1-28.....	1	.....	
St. Croix.....	Dec. 1-Feb. 28.....	7	.....	
Vernon.....	Jan. 1-Feb. 28.....	10	.....	

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from December 31, 1910, to March 17, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Wisconsin—Continued.				
Counties—Continued.				
Vilas.....	Dec. 1-31.....	1.....		
Walworth.....	Jan. 1-31.....	1.....		
Washington.....	Dec. 1-31.....	1.....		
Total for State.....		146.....		
Grand total for the United States.....		6,712.....	29.....	

## MORBIDITY AND MORTALITY TABLE, CITIES OF THE UNITED STATES, FOR WEEK ENDED MARCH 4, 1911.

Cities.	Population, United States, census 1910.	Total deaths from all causes.	Diph- theria.	Measles.	Scarlet fever.	Small- pox.	Tuber- culosis.	Ty- phoid fever.
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
<i>Cities having over 500,000 inhabitants.</i>								
Baltimore, Md.....	558,485.....	62.....	62	4	193	3	27	1.....
Boston, Mass.....	670,585.....	220.....	50	5	103	1	55	4.....
Chicago, Ill.....	2,185,283.....	651.....	140	26	202	5	164	10.....
Cleveland, Ohio.....	560,663.....	182.....	30		41	1	90	1.....
New York, N. Y.....	4,766,883.....	1,663.....	344	29	484	6	557	27.....
Philadelphia, Pa.....	1,549,008.....	571.....	81	16	518	15	48	4.....
Pittsburg, Pa.....	533,905.....	184.....	19	4	49	2	14	2.....
St. Louis, Mo.....	687,029.....	244.....	42	3	637	4	85	4.....
<i>Cities having from 300,000 to 600,000 inhabitants.</i>								
Buffalo, N. Y.....	423,715.....	149.....	15	3	23	1	22	1.....
Cincinnati, Ohio.....	364,463.....	125.....	11		4	1	29	1.....
Detroit, Mich.....	465,766.....	147.....	20	5			22	
Los Angeles, Cal.....	319,198.....	122.....	11		16		8	
Milwaukee, Wis.....	373,857.....	117.....	24	4	15		53	3.....
Minneapolis, Minn.....	301,408.....							
Newark, N. J.....	347,469.....	124.....	29	2			33	
New Orleans, La.....	339,075.....	160.....	5.....		102		12	
San Francisco, Cal.....	416,912.....	133.....	11		25			
Washington, D. C.....	331,069.....	148.....	14	1	40		7	
<i>Cities having from 200,000 to 300,000 inhabitants.</i>								
Denver, Colo.....	213,381.....							
Indianapolis, Ind.....	233,650.....							
Jersey City, N. J.....	267,779.....							
Kansas City, Mo.....	248,381.....							
Louisville, Ky.....	223,928.....							
Portland, Oreg.....	207,214.....							
Providence, R. I.....	224,326.....	81	8	3	2			
Rochester, N. Y.....	218,149.....							
St. Paul, Minn.....	214,744.....							
Seattle, Wash.....	237,194.....	50	8	1	107		3	
<i>Cities having from 100,000 to 200,000 inhabitants.</i>								
Albany, N. Y.....	100,253.....							
Atlanta, Ga.....	154,839.....							
Birmingham, Ala.....	132,685.....							
Bridgeport, Conn.....	102,054.....							
Cambridge, Mass.....	104,339.....	38	7	1	26		1	
Columbus, Ohio.....	181,548.....	67			10		7	
Dayton, Ohio.....	116,577.....	32	2				1	
Fall River, Mass.....	119,295.....	31	5		26	1	3	
Grand Rapids, Mich.....	112,571.....	40			120		12	
Lowell, Mass.....	106,294.....	34	6		1		4	
Memphis, Tenn.....	131,105.....							
Nashville, Tenn.....	110,364.....	48	4		28	5	3	

## Weekly morbidity and mortality table, cities of the United States, for week ended March 4—Continued.

Cities.	Population, United States, census 1910.	Total deaths, from all causes.	Diphtheria.		Measles.		Scarlet fever.		Small-pox.		Tuberculosis.		Typhoid fever.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
<i>Cities having from 100,000 to 200,000 inhabitants—Continued.</i>														
New Haven, Conn.	133,605													
Oakland, Cal.	150,174	44	1		2						1	5		
Omaha, Nebr.	124,096													
Paterson, N. J.	125,600													
Richmond, Va.	127,628													
Scranton, Pa.	129,867													
Spokane, Wash.	104,402	31	4		23		4	1	1			4		1
Syracuse, N. Y.	137,249													
Toledo, Ohio.	168,497	49	9		2		1				7	3	1	
Worcester, Mass.	145,986	47	1	2	3		3				7	4	2	
<i>Cities having from 50,000 to 100,000 inhabitants.</i>														
Akron, Ohio.	69,067													
Allentown, Pa.	51,913													
Altoona, Pa.	52,127	13	1		5		2				1	1		
Bayonne, N. J.	55,545													
Brockton, Mass.	56,878	15	2		2						4	1		
Camden, N. J.	94,538		9	3	9		5	1			1			
Canton, Ohio.	50,217	15	2				5							
Charleston, S. C.	58,833													
Covington, Ky.	53,270							1				6		
Dallas, Tex.	92,104													
Des Moines, Iowa	86,368		3				2		2					
Duluth, Minn.	78,466													
East St. Louis, Ill.	58,547													
Elizabeth, N. J.	73,409	23	3		2		17				6	3		
Erie, Pa.	66,525	33	3	1	32		1				4	2	137	4
Evansville, Ind.	69,647	20	1								4	2	2	
Fort Wayne, Ind.	63,933	8	3		2		1				2	1	1	
Fort Worth, Tex.	73,312													
Harrisburg, Pa.	64,186													
Hartford, Conn.	98,915	51	12	2			9				3	3		
Hoboken, N. J.	70,324		2		13		1							
Holyoke, Mass.	57,730													
Houston, Tex.	78,800	28										3		
Jacksonville, Fla.	57,699	27			4		4	1	8			2		
Johnstown, Pa.	55,482	19	1		5		1					1		
Kansas City, Kans.	82,331	44	4		4		6		3		2	3	1	
Lawrence, Mass.	85,892	34	1	1	9		2				6	3		
Lynn, Mass.	89,336	30	6	1	14		4				5	1		1
Manchester, N. H.	70,063	32	2				2				1	1		
Mobile, Ala.	51,521													
New Bedford, Mass.	96,652		2				3				1	3		
Norfolk, Va.	67,452													
Oklahoma City, Okla.	64,205	16	1				2		1			3		
Passaic, N. J.	54,773	6	3		8									
Pawtucket, R. I.	51,622													
Peoria, Ill.	66,950													
Portland, Me.	58,571													
Reading, Pa.	96,071	29	2	1	51		13					2	5	
Saginaw, Mich.	50,510													
St. Joseph, Mo.	77,403													
Salt Lake City, Utah	92,777													
San Antonio, Tex.	96,614	50	1				3	3			7		2	
Savannah, Ga.	65,064													
Schenectady, N. Y.	72,826	22	1		1		8				17	2	2	
Somerville, Mass.	77,236	26	5	2	18		4				5	1		
South Bend, Ind.	53,684													
Springfield, Ill.	51,678	29	2	2			2	1				3		
Springfield, Mass.	88,926	31	5		10		7				4		1	1
Tacoma, Wash.	83,743	13	1	1	2		3		1					
Terre Haute, Ind.	58,157	26			19		5							
Trenton, N. J.	96,815	46	7				3				7	4	12	1
Troy, N. Y.	76,813													
Utica, N. Y.	74,419													
Waterbury, Conn.	73,141													
Wichita, Kans.	52,450	14			12		7					1		
Wilkes-Barre, Pa.	67,105	17	1				4				5	1		
Wilmington, Del.	87,411	39										3		
Yonkers, N. Y.	79,803	23	3	1	4		26	1			7	4		
Youngstown, Ohio.	79,066	24			2		5				1			1

## Weekly morbidity and mortality table, cities of the United States, for week ended March 4—Continued.

Cities.	Population, United States, census 1910.	Total deaths, from all causes.	Diph- theria.		Measles.		Scarlet fever.		Small- pox.		Tuber- culosis.		Ty- phoid fever.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
<i>Cities having from 25,000 to 50,000 inhabitants.</i>														
Amsterdam, N. Y.	31,267	—	—	—	—	—	—	—	—	—	—	—	—	—
Atlantic City, N. J.	46,150	—	—	—	—	—	—	—	—	—	—	—	—	—
Auburn, N. Y.	34,668	9	—	—	9	—	—	—	—	—	—	—	1	1
Augusta, Ga.	41,040	—	—	—	—	—	—	—	—	—	—	—	—	—
Aurora, Ill.	29,807	—	—	—	—	—	—	—	—	—	—	—	—	—
Austin, Tex.	29,860	—	—	—	—	—	—	—	—	—	—	—	—	—
Battle Creek, Mich.	25,267	—	—	—	—	—	—	—	—	—	—	—	—	—
Bay City, Mich.	45,166	—	—	—	—	—	—	—	—	—	—	—	—	—
Berkeley, Cal.	40,434	9	—	—	9	—	—	—	—	—	—	—	2	1
Binghamton, N. Y.	48,443	29	3	—	60	1	—	1	—	—	—	2	3	1
Bloomington, Ill.	25,768	—	—	—	—	—	—	—	—	—	—	—	—	—
Brookline, Mass.	27,792	5	1	—	3	—	2	—	—	—	—	1	—	—
Butte, Mont.	39,165	—	—	—	—	—	—	—	—	—	—	—	—	—
Cedar Rapids, Iowa.	32,811	—	—	—	—	—	—	—	—	—	—	—	—	—
Charlotte, N. C.	34,014	—	—	—	—	—	—	—	—	—	—	—	1	1
Chattanooga, Tenn.	44,604	—	—	—	—	—	—	—	—	—	—	—	1	1
Chelsea, Mass.	32,452	17	—	1	13	—	8	—	—	—	—	3	1	—
Chester, Pa.	38,537	—	—	—	—	—	—	—	—	—	—	—	—	—
Chicopee, Mass.	25,401	9	2	1	4	—	—	—	—	—	—	2	1	—
Clinton, Iowa.	25,577	—	—	—	—	—	—	—	—	—	—	—	—	—
Colorado Springs, Colo.	29,078	—	—	—	—	—	—	—	—	—	—	—	—	—
Columbia, S. C.	26,319	—	—	—	—	—	—	—	—	—	—	—	—	—
Council Bluffs, Iowa.	29,292	7	—	—	25	—	6	—	—	—	—	—	—	—
Danville, Ill.	27,871	8	—	—	—	—	—	—	—	—	—	2	2	—
Davenport, Iowa.	43,028	—	—	—	—	—	—	—	—	—	—	—	—	—
Decatur, Ill.	31,140	—	—	—	—	—	—	—	—	—	—	—	—	—
Dubuque, Iowa.	38,494	12	3	—	—	—	7	—	—	—	—	2	—	—
Easton, Pa.	28,523	—	—	—	—	—	—	—	—	—	—	—	—	—
East Orange, N. J.	34,371	9	1	—	1	—	1	1	—	—	—	3	3	—
Elgin, Ill.	25,976	—	—	—	—	—	—	—	—	—	—	—	—	—
Elmira, N. Y.	37,176	—	—	—	—	—	—	—	—	—	—	—	2	—
El Paso, Tex.	39,279	21	—	—	—	—	6	—	—	—	—	—	—	—
Everett, Mass.	33,484	7	1	—	—	—	1	—	—	—	—	—	—	—
Fitchburg, Mass.	37,826	—	—	—	—	—	—	—	—	—	—	—	—	—
Flint, Mich.	38,550	—	—	—	—	—	—	—	—	—	—	—	—	—
Galveston, Tex.	36,981	—	—	—	—	—	—	—	—	—	—	—	—	—
Green Bay, Wis.	25,236	—	—	—	—	—	—	—	—	—	—	—	—	—
Hamilton, Ohio	35,279	—	—	—	—	—	—	—	—	—	—	—	—	—
Haverhill, Mass.	44,115	25	5	2	2	—	4	—	—	—	—	2	4	—
Hazleton, Pa.	25,452	2	3	2	1	—	1	—	—	—	—	1	—	—
Huntington, W. Va.	31,161	—	—	—	—	—	—	—	—	—	—	—	—	—
Jackson, Mich.	31,433	—	—	—	—	—	—	—	—	—	—	—	—	—
Jamestown, N. Y.	31,297	—	—	—	—	—	—	—	—	—	—	—	2	—
Joliet, Ill.	34,670	—	—	—	—	—	—	—	—	—	—	—	—	—
Joplin, Mo.	32,073	—	—	—	—	—	—	—	—	—	—	—	—	—
Kalamazoo, Mich.	39,437	—	—	—	—	—	—	—	—	—	—	—	—	—
Kingston, N. Y.	25,908	—	—	—	—	—	—	—	—	—	—	—	—	—
Knoxville, Tenn.	36,346	15	1	—	120	—	6	—	—	—	—	—	1	—
La Crosse, Wis.	30,417	10	—	—	7	—	6	—	—	—	—	1	—	—
Lancaster, Pa.	47,227	17	2	1	3	—	—	—	—	—	—	1	2	—
Lansing, Mich.	31,229	—	—	—	—	—	—	—	—	—	—	—	—	—
Lewiston, Me.	26,247	—	—	—	—	—	—	—	—	—	—	—	—	—
Lexington, Ky.	35,099	17	—	—	8	—	—	1	—	—	—	4	1	—
Lima, Ohio.	30,508	—	—	—	—	—	—	—	—	—	—	—	—	—
Lincoln, Nebr.	43,973	—	—	—	—	—	—	—	—	—	—	—	—	—
Little Rock, Ark.	45,941	—	—	—	—	—	—	—	—	—	—	—	—	—
Lorain, Ohio.	28,883	—	—	—	—	—	—	—	—	—	—	—	—	—
Lynchburg, Va.	29,494	8	1	—	—	—	—	—	—	—	—	6	—	—
Macon, Ga.	40,665	—	—	—	—	—	—	—	—	—	—	—	—	—
Madison, Wis.	25,531	—	—	—	—	—	—	—	—	—	—	—	2	—
Malden, Mass.	44,404	4	—	—	6	—	1	—	—	—	—	—	—	—
McKeesport, Pa.	42,694	—	—	—	—	—	—	—	—	—	—	—	—	—
Meriden, Conn.	27,265	—	—	—	—	—	—	—	—	—	—	—	—	—
Montgomery, Ala.	38,136	23	1	—	43	1	1	—	3	—	—	2	1	—
Mount Vernon, N. Y.	30,919	2	—	—	—	—	—	3	—	—	—	2	1	—
Muskogee, Okla.	25,278	—	—	—	—	—	—	—	—	—	—	—	—	—
Nashua, N. H.	26,005	—	—	—	—	—	—	—	—	—	—	—	—	—
Newark, Ohio.	25,404	—	—	—	—	—	—	—	—	—	—	—	—	—
New Britain, Conn.	43,916	—	—	—	—	—	—	—	—	—	—	—	—	—
Newburgh, N. Y.	27,805	—	—	—	—	—	—	—	—	—	—	—	—	—
Newcastle, Pa.	36,280	—	—	—	—	—	—	—	—	—	—	9	—	—
Newport, Ky.	30,309	17	3	—	—	—	2	—	—	—	—	4	4	—

*Weekly morbidity and mortality table, cities of the United States, for week ended  
March 4—Continued.*

Cities.	Population, United States, census 1910.	Total deaths, from all causes.	Diphtheria.		Measles.		Scarlet fever.		Small-pox.		Tuberculosis.		Typhoid fever.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
<i>Cities having from 25,000 to 50,000 inhabitants—Continued.</i>														
Newport, R. I.	27,149													
New Rochelle, N. Y.	28,867													
Newton, Mass.	39,806	17			19		2				2	2		
Niagara Falls, N. Y.	30,445	17	4				4				1		13	4
Norristown, Pa.	27,875	10	1		6							1		
Ogden, Utah.	25,580													
Orange, N. J.	29,630	7	1		9		1				1	2	1	
Oshkosh, Wis.	33,062						2							
Pasadena, Cal.	30,291	12												
Perth Amboy, N. J.	32,121													
Pittsfield, Mass.	32,121													
Portsmouth, Va.	33,190	7	1		2		2							
Poughkeepsie, N. Y.	27,936	14	1				19							
Pueblo, Colo.	44,395													
Quincy, Ill.	36,587													
Quincy, Mass.	32,642													
Racine, Wis.	38,002													
Roanoke, Va.	34,874	7	2	1	1						1	1		
Rockford, Ill.	45,401													
Sacramento, Cal.	44,696	22										5	1	
Salem, Mass.	43,697	17									1	4		
San Diego, Cal.	39,578	22				1					4	4		
San Jose, Cal.	28,946	8					2				1			6
Sheboygan, Wis.	26,398													
Shenandoah, Pa.	25,774													
Shreveport, La.	28,015													
Sioux City, Iowa	47,828													
South Omaha, Nebr.	26,259													
Springfield, Mo.	35,201													
Springfield, Ohio.	46,921	8			2									
Stamford, Conn.	25,138													
Superior, Wis.	40,384	7	3	1										
Tampa, Fla.	37,782													
Taunton, Mass.	34,259	11			1						3	2		
Topeka, Kans.	43,684													
Waco, Tex.	26,425													
Waltham, Mass.	27,834					1		1						
Warwick, R. I.	26,629											1		
Waterloo, Iowa	26,693													
Watertown, N. Y.	26,730													
West Hoboken, N. J.	35,403													
Wheeling, W. Va.	41,641	18			1		1				2	1	1	
Williamsport, Pa.	31,860		2					7						
Wilmington, N. C.	25,748													
Woonsocket, R. I.	38,125													
York, Pa.	44,750	15	2	2				1			17	1		
Zanesville, Ohio.	28,026	9									1	22	2	
<i>Cities having less than 25,000 inhabitants.</i>														
Ann Arbor, Mich.	14,817	8				11		2			3	1		
Ashtabula, Ohio.	18,266													
Beaver Falls, Pa.	12,191	0				1					1		3	
Bennington, Vt.	8,698	1	2											1
Bedford, Me.	17,079	8												
Braddock, Pa.	19,357	10				5		1						
Butler, Pa.	20,728													
Cambridge, Ohio.	11,327	4												
Camden, S. C.		1												
Carbondale, Pa.	17,040	3				1	1	1						
Clinton, Mass.	13,075	3												
Coffeyville, Kans.	12,687	4	1					2			1	1		
Columbus, Ga.	20,554	10												
Columbus, Ind.		1												
Concord, N. H.	21,497	9	1											
Cumberland, Md.	21,839	9	2											
Dunkirk, N. Y.		3	1			1		11						
Freeport, Ill.	17,567	7										1		

## Weekly morbidity and mortality table, cities of the United States, for week ended March 4—Continued.

Cities.	Population, United States, census 1910.	Total deaths, from all causes.	Diphtheria.		Measles.		Scarlet fever.		Small-pox.		Tuberculosis.		Typhoid fever.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
<i>Cities having less than 25,000 inhabitants—Continued.</i>														
Galesburg, Ill.	22,069	12												
Gloucester, Mass.	24,398	14											1	
Greensboro, N. C.	15,895	5												
Harrison, N. J.	14,498	5	3					2						
Homestead, Pa.	18,713	3				6								
Hyde Park, Mass.	15,507	1				2		1						1
Kearny, N. J.	18,659	7										1		
Kokomo, Ind.	17,010													
La Fayette, Ind.	20,081	6												
Lebanon, Pa.	19,240	9										23	1	2
Manistee, Mich.	12,381										1			
Manitowoc, Wis.	13,027	4	2											
Marinette, Wis.	14,610	4												
Marlboro, Mass.	14,579	2												
Massillon, Ohio	13,879	5												
Medford, Mass.	23,150	3	2			1						2		
Melrose, Mass.	15,715	5				5		1				1		
Moline, Ill.	24,199	10	4			4		3						
Montclair, N. J.	21,550	7	1			4		4					1	
Nanticoke, Pa.	18,877	3	2	1									1	
Newburyport, Mass.	14,949	5												
North Adams, Mass.	22,019	8	1			7						1	3	
Northampton, Mass.	18,431	10	3	1										
Ottumwa, Iowa.	22,012													
Paducah, Ky.	22,760					6				3			3	
Palmer, Mass.			1	1										
Peekskill, N. Y.			5						3					
Plainfield, N. J.	20,550	7						2				2		1
Portsmouth, N. H.	11,209		4		61									
Rock Island, Ill.			11	5		5		5	1					9
Rutland, Vt.	13,546	4												
Saratoga Springs, N. Y.			2	1										
South Bethlehem, Pa.	19,973	9											1	
Steelton, Pa.	14,246	3	7	1								3		
Warren, Ohio.	11,081												2	
Wilkinsburg, Pa.	18,924	5				1		1						
Woburn, Mass.	15,308		2			1		1						

## STATISTICAL REPORTS OF MORBIDITY AND MORTALITY, STATES AND CITIES OF THE UNITED STATES (untabulated).

**CONNECTICUT.**—Month of February, 1911. Population of reporting towns 1,109,974. Total number of deaths from all causes 1,542, including diphtheria 19, measles 15, scarlet fever 11, tuberculosis, pulmonary, 113, typhoid fever 12. Cases reported: Diphtheria 157 in 48 towns, measles 747 in 55 towns, scarlet fever 332 in 54 towns, tuberculosis, pulmonary, 145 in 42 towns, typhoid fever 25 in 13 towns.

**Stamford.**—Month of February, 1911. Population 25,138. Total number of deaths from all causes not reported. Cases reported: Diphtheria 2, measles 55, scarlet fever 3, tuberculosis 2.

**LOUISIANA—Shreveport.**—Month of February, 1911. Population 28,015. Total number of deaths from all causes 80, including tuberculosis 12, typhoid fever 1.

**MINNESOTA—*Stillwater*.**—Month of January, 1911. Population 10,178. Total number of deaths from all causes 13, including tuberculosis 2. Cases reported: Diphtheria 1.

**NEW YORK—*Rochester*.**—Month of January, 1911. Population, 218,149. Total number of deaths from all causes 282, including diphtheria 4, measles 1, scarlet fever 1, tuberculosis 17, typhoid fever 1. Cases reported: Diphtheria 12, scarlet fever 91.

**NORTH DAKOTA.**—Month of January, 1911. Total number of deaths from all causes not reported. Deaths from contagious diseases include diphtheria 3, scarlet fever 5, tuberculosis 2, typhoid fever 2. Cases reported: Diphtheria 45, measles 25, scarlet fever 121, smallpox 37, tuberculosis 11, typhoid fever 19.

**OKLAHOMA.**—Month of January, 1911. Population, 1,657,155. Total number of deaths from all causes 1,068, including diphtheria 24, scarlet fever 13, tuberculosis 56, typhoid fever 39. Cases reported: Diphtheria 102, scarlet fever 291, smallpox 234, tuberculosis 85, typhoid fever 132.

**TEXAS—*Fort Worth*.**—Month of February, 1911. Population, 73,312. Total number of deaths from all causes 119, including scarlet fever 1, tuberculosis 15, typhoid fever 4. Cases reported: Diphtheria 2, measles 12, scarlet fever 6, smallpox 2, tuberculosis 15, typhoid fever 6.

**UTAH.**—Month of January, 1911. Population, 373,351. Total number of deaths from all causes 441, including diphtheria 8, measles 1, scarlet fever 6, tuberculosis 14, typhoid fever 8. Cases reported: Diphtheria 96, measles 525, scarlet fever 324, smallpox 160, tuberculosis 24, typhoid fever 30.

# FOREIGN AND INSULAR

## AUSTRALIA.

### SYDNEY—Examination of Rats for Plague Infection.

The following information is taken from bulletins issued by the department of public health of New South Wales:

During the month of January, 1911, there were destroyed 5,145 rats, of which number 1,711 were examined for plague infection. No plague-infected rats were found.

The last case of human plague was reported May 29, 1909.

The last plague-infected rat was found April 25, 1910.

## CHINA.

### AMOY—Smallpox.

The American vice consul reports March 13 the presence of smallpox.

### HARBIN—Status of Plague.

Consul Greene reports February 7:

Plague is reported at Harbin and Fuchiatien as follows:

	Jan. 29 to Feb. 4, 1911.	Total since beginning Nov. 8, 1910.
Harbin.....	1189	1,020
Fuchiatien.....	832	4,234
Total.....	1,021	5,254

<sup>1</sup> Including 9 Europeans.

<sup>2</sup> Including 341 bodies found by the sanitary brigade.

<sup>3</sup> Including 27 Europeans.

These figures show a decrease in the average daily mortality of from 35 to 27 in Harbin and from 147 to 119 in Fuchiatien. On February 5 the total number of deaths reported at Fuchiatien was only 77. There is reason, therefore, to hope that here at least the epidemic is beginning to lose its force, though the decrease in numbers in the part of the population most liable to infection must be taken into consideration.

At the beginning of the week under review a cordon of Chinese soldiers was established around Fuchiatien, a body of 1,000 troops sent from Changchun being used for this purpose. The police were thus left free for duty within the town itself, which was divided into 4 precincts, communication between which was forbidden. In each precinct a sanitary substation was established, each with its corps of

medical inspectors, transportation service, and disinfection brigade. Provisions, fuel, etc., are being delivered to each district by the officials. The policing has been greatly improved, there being rarely any dead or dying to be seen in the streets as formerly.

On January 27 there were 20 physicians at work in Fuchiatien, including the chief of the medical staff and 3 English physicians. Two of the other physicians were trained in Japan, and the remainder in Peking and Tientsin. There were also 28 medical students from Peking, Tientsin, and Mukden.

One important work begun in Fuchiatien during the present week was the burning of the bodies of the plague victims. According to a statement of the chief of the medical staff, 1,100 bodies were burned on January 31, 350 on February 1, and 2,100 on February 3. In the future all bodies found will be disposed of in the same way. It was calculated that there were altogether about 4,800 bodies to be burned. A large number of houses known to be infected have also been burned, including one whole section of the town.

The number of cars available for the detention of contacts from Fuchiatien under observation was increased from 35 to 100, through the courtesy of the Chinese Eastern Railway, so that now about 2,000 people can be held.

In Harbin itself, while the total number of deaths has been on the decline, there has been a distressing mortality during the past two weeks among the members of the medical staff and the men employed in handling the sick and the dead. Of the 9 deaths of Europeans during the past week all but one were of persons connected with the work. One more physician has died in addition to those previously reported.

As regards the preventive value of vaccination against plague the physicians here are disagreed, and the available records are not sufficiently complete, nor do they cover a large enough number of cases to make possible the forming of any definite conclusions. Contrary to the opinion expressed in my report of January 28, however, apparently nothing positive has been proved against the effectiveness of the vaccination in cases where the subject has not been exposed to infection before the period of from 7 to 10 days after the final inoculation, during which time many physicians here hold that the subject is more than ordinarily susceptible to the disease. Out of 17 deaths recorded among the personnel, in 9 cases there had been no inoculation, in 6 only the first, and in only 2 cases had the vaccination been completed, but both of these last were infected before the period of the negative phase had been completed. Of the European staff of 398 persons, only 154 had on February 5 completed their vaccinations.

There is inclosed herewith a translation of an official statement published by the Russian Plague Bureau, describing the work and organization up to January 26, 1911. This will serve to give a general idea of the methods employed.

A report dated February 2, 1911, received from the local Chinese plague bureau, shows that the epidemic has secured a firm foothold all over that part of Kirin Province along the Chinese Eastern Railway. Various measures taken to check the spread of the disease are described. The number of deaths in the whole Pinchow district up to January 28 is stated to be 223, in the Shuancheng and Ashiho

districts, respectively, over 100 and 200. In Ninguta and the surrounding district 108 deaths are reported for the period from January 25 to January 29. No official reports have been received from Heilungchiang Province, but merchants and press reports indicate that the mortality in Tsitsihar, Hulan, and in the Suihwafu region has been very heavy.

[Inclosure.]

#### MEASURES ADOPTED AGAINST PLAGUE IN THE CITY OF HARBIN.

[From the beginning of the epidemic to Jan. 25, 1911.]

To centralize the work of all the organizations for dealing with the plague in Harbin a plague bureau was established by the central sanitary executive commission.

#### QUARANTINE STATION, ISOLATION AND PLAGUE HOSPITALS.

The quarantine station and isolation and plague hospitals were all established in one place, 4 versts (2½ miles) from Harbin Station, in barracks and heated freight cars. One hundred and eleven freight cars, accommodating approximately 3,000 men, have been fitted up for the accommodation of persons under observation, being placed on tracks specially constructed for the purpose. There are also 6 barracks, capable of accommodating 1,500 men under observation.

Two barracks have been set apart for the isolation and plague hospitals, being divided into 3 wards, and accommodating nearly 100 men. There are 54 beds in the isolation hospital and 43 in the special plague hospital.

The whole establishment is known as the Moscow Plague Station. There are stationed here 3 physicians, 2 medical students, 5 nurses, 13 medical assistants, 1 pharmacist, 90 sanitary attendants, and 30 other employees, or 143 persons in all.

The hospitals are provided with beds, tables, stools, and the necessary linen for the patients and for the medical staff. Quarters have also been fitted up there for the inferior employees, and there is a laboratory for bacteriological examinations, with a room for autopsies.

There is a special disinfecting squad working at this station, which is equipped with all the necessary materials and apparatus. The temperature of all persons under observation is taken daily, and, after 5 days' quarantine, if there have been no cases among them they are released, after being first bathed and their baggage and clothing disinfected. Two cars have been fitted up as steam disinfection chambers in which clothing and effects are disinfected at a temperature of 100° C.

Kitchens have been established at the quarantine station, from which food is supplied to the persons under observation, to patients, subordinate employees, and staff.

A corps of grave diggers has been organized with special carts and tools, to bury the dead, including the bodies brought in by the flying detachment. The plague cemetery is 2 versts (1½ miles) from the plague station.

#### FLYING DETACHMENT.

A flying detachment for moving patients and bodies has its headquarters in the center of the city. Its personnel includes a physician, a medical student, 4 medical assistants, 27 sanitary attendants, 9 drivers, and 10 other employees. This detachment is provided with 3 ambulances for moving patients, 4 wagons for transporting dead bodies, and several carts. Besides the carriages hired for the medical staff this detachment has 13 horses and all the necessary equipment for transportation. In connection with the quarters of this detachment there is a laundry where the men's gowns and linen are washed; also baths.

#### DISINFECTING DETACHMENTS.

Disinfecting detachments have been organized with a personnel of 2 physicians, 3 students, 10 medical assistants, and 49 sanitary attendants. They are equipped with 18 wagons and carts for carrying disinfectants, hot water, pumps, and articles to be disinfected. There are 25 horses used by this detachment. Disinfection of effects is carried out in a car specially fitted up for the purpose. There are also 20 spray pumps of different makes, and a stock of the necessary disinfectants, such as carbolic acid, chloride of lime, corrosive sublimate, green soap, etc. A laundry and baths are connected with this station.

## SANITARY DISTRICTS.

The city is divided into 9 sanitary districts, for which there is a personnel of 12 physicians, 4 students, 16 medical assistants, and 23 sanitary attendants and interpreters. The staff of each district makes a daily inspection of residents; suspicious cases and persons who have been in contact with plague cases are removed to the special quarantine and isolation station. The headquarters for all the district sanitary officers are in the same building with the flying detachment, in the center of the city.

## SEARCHES.

A special investigation agency, consisting of one physician familiar with the Chinese language and 2 European and 4 Chinese interpreters, has been organized to detect cases of illness among the Chinese population, and to conduct special investigations in the Chinese quarters of the city.

## DISMANTLING OF PLAGUE-INFECTED HOUSES.

A number of Chinese houses which could not be properly disinfected, and in which plague foci had been discovered, have been dismantled after disinfection, so that they could not be used for dwellings, this being accomplished by removing the roofs, doors, and windows. The work of destroying houses has been assigned to 3 special detachments, made up of firemen. All the people living in the principal centers of infection in the Pristan were removed to the quarantine station; all the tenements, lodging houses, opium dens, etc., near the principal foci were disinfected, several dwelling houses, which were not fit for anyone to live in were closed, and others are being inspected by a sanitary technical committee to determine what repairs are necessary or whether they should be torn down. All the houses in the city where cases of plague have been discovered are carefully disinfected under the supervision of physicians and students.

## LODGING HOUSE.

In order to afford shelter to the poorer part of the Chinese population left homeless after the destruction of insanitary dwellings, a night lodging house has been established to accommodate 300 persons, and warmed freight cars to accommodate 500 more have been prepared. These lodgings are under the direct supervision of medical assistants, under the general direction of a physician. The temperatures of the inmates are regularly taken.

## BATHS.

A bathhouse has been prepared in the Pristan for the homeless Chinese.

## LAUNDRY.

Chinese laundries have been placed under the supervision of the district physicians, and it is planned to open shortly a special laundry to be under the control of the bureau. Of the 7 laundries in Mochiakou to which Europeans send their washing, 2 have been closed. The linen has been disinfected and regular sanitary supervision over the others has been instituted.

## SUPERVISION OF WATER CARRIERS.

Orders have been issued to the chief of police to register all the water carriers within 4 days. Thereafter they will be quartered in groups in lodgings specially engaged for them. They will be provided with badges and will be kept under strict sanitary supervision.

## SUPERVISION OF TRADING AND INDUSTRIAL ESTABLISHMENTS.

Trading and industrial establishments, factories, and shops are obliged by a special order of the plague bureau to keep their workmen and employees under special medical surveillance, in addition to the general supervision maintained by the district physicians. Special attention is paid to the sanitary supervision of public baths, laundries, hotels, bakeries, butchers' shops, and night lodging houses.

## BACTERIOLOGICAL EXAMINATIONS.

Bacteriological examinations are performed by 2 physicians in a special laboratory at the central hospital.

## INOCULATIONS.

Preventive inoculations are given free to the people of the city every day in the Pristan at the municipal clinic, at the city hall to city employees, in the New Town at the general offices of the railway to railway employees, and at the main military hospital. They are also given at the Old Town.

## SANITARY VISITORS.

In each sanitary district (9) a system of sanitary visitations has been organized. The total number of visitors is at present 100.

## PROTECTION OF THE PERSONNEL.

To protect the personnel from infection the physicians, medical assistants, and sanitary attendants are provided with canvas or cotton gowns and with gloves and galoshes or else canvas stockings. When going to remove patients or to take up dead bodies, they are required to wear gauze respirators. The physicians, assistants, and sanitary attendants are required to submit to preventive inoculation.

## SANITARY CORDON.

In order to prevent infection from Fuchiatien and the neighboring Chinese villages the city has been surrounded by a cordon of police posts 15 versts (10 miles) long. Persons are allowed to pass only at 5 points, where sanitary posts have been established, at which suspicious passers-by are required to have their temperatures taken. To maintain the cordon 100 unmounted and 50 mounted police have been detailed. The medical personnel for the 5 posts where persons are admitted consists of 10 assistants and one student.

## PERSONNEL OF THE WHOLE ORGANIZATION.

The whole personnel engaged in the work against the plague at Harbin is as follows: Physicians 22, medical students 11, medical assistants 54, sanitary attendants 194, nurses 5, pharmacist 1, stewards 3, drivers, cooks, messengers, and other servants 69, total 359, which, together with the members of the plague bureau and clerks and bookkeepers employed by them, makes the total number of persons engaged in the work 375 in all.

NOTE.—To February 4 the staff was increased by 7 physicians, 1 student, 61 sanitary attendants, 7 nurses, and 63 Chinese coolies, making the total, exclusive of the administrative offices, 498.

## Plague in Shantung Province.

The following statement of deaths from plague, dated February 13, was received from Consul Fowler at Chefoo:

Places.	Total deaths.	Places.	Total deaths.
Laichowfu.....	220	Taianfu.....	.....
Hwanghsien.....	100	Tsinanfu.....	(1)
Pingtu.....	50	Tsiningchow.....	.....
Tengchowfu.....	45	Tsingchowfu.....	.....
Weihsien.....	.....	Ichowfu.....	(2)
Near Weihsien.....	30	Total.....	458
Changhsia (near Taianfu).....	13		

<sup>1</sup> No authentic reports.

<sup>2</sup> Not infected.

On February 7 there were reported 18 deaths from plague at Changhsia and 188 at Changchew, making a total of 651 deaths in the interior of Shantung Province. The total number reported at Chefoo is 290, which gives a total for the Province of 941.

## GERMANY.

## Prohibited Importations from China.

The following decree, issued by the imperial German chancellor February 18, was forwarded by Consul General Thackara at Berlin February 25:

In accordance with the provisions of the imperial law of June 30, 1900, regulating the combating of diseases dangerous to society and of the circular instruction of July 4, 1900, concerning the restriction of importation and transit shipment, to guard against the dangers of cholera and plague, the following regulations will go into effect from the date of their publication:

"The importation or shipment in transit of body linen, or of old and worn articles of clothing or of parts thereof, as for example the so-called Chinese wadding, or of bedclothes which have been used and of rags of every kind coming from China is forbidden.

"The provisions of section 1 do not apply to body linen, bedclothes, and articles of clothing accompanying travelers for their own use, or to household goods and effects from China which are being moved to other countries owing to a change of residence of the owners, but the goods may be subjected to disinfection before being allowed to enter Germany.

"The imperial chancellor is empowered to make exceptions to the above regulations when suitable precautionary measures have been taken."

## HAWAII.

## Record of Plague Infection.

Last case of human plague at Honolulu occurred July 12, 1910.

The last plague-infected rat was found at Aiea, 9 miles from Honolulu, April 12, 1910.

At Hilo the last case of human plague occurred March 23, 1910. A fatal case occurred at Honokaa, 60 miles from Hilo, December 17, 1910, and 2 fatal cases were reported January 31, 1911.

The last plague-infected rat was found at Honokaa, February 2, 1911.

Dr. Ramus reports in regard to plague-prevention work, February 27:

## HONOLULU.

Week ended February 25, 1911.

Total rats and mongoose taken.....	644
Rats trapped.....	636
Mongoose trapped.....	7
Rats found dead ( <i>Mus musculus</i> ).....	1
Examined bacteriologically.....	566
Classification of rats trapped:	
<i>Mus alexandrinus</i> .....	75
<i>Mus musculus</i> .....	205
<i>Mus norvegicus</i> .....	59
<i>Mus rattus</i> .....	297
Average number of traps set daily.....	1,720

## INDIA.

## CALCUTTA—Cholera, Plague, and Smallpox.

Acting Assistant Surgeon Allan reports February 16:

During the week ended January 28 there were reported in Calcutta 57 deaths from cholera, 14 from plague, and 1 from smallpox; in all Bengal, 2,734 cases of plague with 2,317 deaths; in all India, 25,251 cases of plague with 20,929 deaths.

## ITALY.

## NAPLES—Examination of Emigrants—Smallpox.

Surgeon Geddings reports February 20 and 28:

*Vessels inspected at Naples and Palermo week ended February 18.*

## NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Feb. 14	Sant' Anna.....	New York.....	419	60	680
14	Luisiana.....	do.....	481	40	520
15	Duca d'Aosta.....	do.....	818	90	980
17	Caronia.....	do.....			
18	Celtic.....	do.....	1,410	150	1,680
	Total.....		3,128	340	3,860

## PALERMO.

Feb. 10	Calabria.....	New York.....	113	300	125
11	Prinzess Irene.....	do.....	169	225	100
15	Sant' Anna.....	do.....	223	350	150
	Total.....		505	875	375

*Rejections recommended.*

## NAPLES.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Other causes.	Total.
Feb. 14	Sant' Anna.....	13	1	7	3	24
14	Luisiana.....	24	2	7	4	37
15	Duca d'Aosta.....	28	4	8	2	42
17	Caronia.....					
18	Celtic.....	28	1	5	6	40
	Total.....	93	8	27	15	143

## PALERMO.

Feb. 10	Calabria.....	18	1	10	1	30
11	Prinzess Irene.....	8		8	3	19
15	Sant' Anna.....	15	1	8	1	25
	Total.....	41	2	26	5	74

*Vessels inspected at Naples week ended February 25.*

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Feb. 19	Taormina.....	Philadelphia.....	1,191	120	1,570
21	Italia.....	Tampa.....			
23	Oceania.....	New York.....	939	120	1,480
24	König Albert.....	do.....	921	110	1,380
25	Ultonia.....	do.....			
	Total.....		3,051	350	4,430

## Rejections recommended.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Other causes.	Total.
Feb. 19	Taormina.....	13	3	10	8	34
21	Italia.....					
23	Oceania.....	25	4	9	4	42
24	König Albert.....	23	2	10	3	38
25	Ultonia.....					
	Total.....	61	9	29	15	114

*Smallpox in Naples.*—During the week ended February 18 there were reported at the health office of the city of Naples 17 cases of smallpox and during the week ended February 25, 34 cases, with 5 deaths.

## MEXICO.

## SALINA CRUZ—Yellow Fever on Steamship.

Acting Asst. Surg. Gochicoa reports March 4:

The steamship *Opland* arrived March 3 from ports in Guatemala with a case of yellow fever on board. The patient was removed to the lazaretto under due precautions against mosquitoes and the vessel was placed in quarantine and thoroughly fumigated. The case of yellow fever ended fatally March 4.

## PERU.

## CALLAO—Plague—Status of Plague in Peru.

Acting Asst. Surg. Castro-Gutierrez reports February 18:

Two cases of plague with 1 death were reported at Callao during the week ended February 7.

The following statement relative to plague in Peru was received from the director of health:

*Month of December, 1910.*

Localities.	Cases remaining Nov. 30.	New cases.	Recovered.	Died.	Remaining Dec. 31.
<b>Department:</b>					
Arequipa.....	2	6	2		6
Callao.....	1		1		
Lambayeque.....		6	1	4	1
Libertad.....	25	17	16	14	18
Lima.....	1	5	2	2	2
Plura.....	4	16	5	11	2

<sup>1</sup> 4 unknown.

<sup>2</sup> 2 unknown.

Bills of health from Salaverry, dated January 30, show 16 cases of plague present on that date at Truxillo and at the port of Salaverry the occurrence of 3 cases with 2 deaths. Plague was reported present at Lima during the week ended February 11. The disease is present, with many cases, in the Chicama Valley and in the interior of the northern part of Peru. At Mollendo 11 cases of plague with 3 deaths were reported during the period from January 11 to 24.

Dr. Castro-Gutierrez further reported February 27:

The director of public health reports 3 new cases of plague with 3 deaths at Lima for the week ended February 18. Plague is present at Niepos, in the Department of Ancash, and at Mollendo there occurred 3 cases of plague with 1 death during the two weeks ended February 10.

Bills of health from Chilean ports show as follows: Iquique (Feb. 10) 3 cases of plague with 2 deaths in previous two weeks; Arica (Feb. 6) 5 cases with 1 death in previous two weeks.

#### PHILIPPINE ISLANDS.

##### STATUS OF CHOLERA.

Chief Quarantine Officer Heiser at Manila reports February 8:

During the week ended February 4 no quarantinable diseases were reported in the city of Manila.

During the same period cholera was reported in the provinces as follows:

Provinces.	Cases.	Deaths.
Albay.....	8	5
Bulacan.....	14	12
Mindoro.....	36	31
Total.....	58	48

The number of cholera cases for the week is rather the accumulation of the unreported cases for the past few weeks than the true number for this period. The first cases in Bulacan were reported from Obando. Upon investigation it was learned that the infection in Obando came from a small outlying suburb, situated upon a small island. The inhabitants are nearly all engaged in gathering shell-fish for the Manila market. It appears that suspicious deaths had been occurring in this suburb since December, but it was not until material was taken from a case occurring during the first week in January that the bacteriological examination resulted positively. There was little room for doubt about the clinical diagnosis of the cases that occurred subsequently. Vigorous measures were taken at once, and during the past week there have been no new cases.

The origin of the infection in Albay Province is unknown. The first cases occurred upon the island of Catanduanes, and the infection has been confined to the towns of Virac and Calolbong. The cases have all occurred at remote places.

#### ZANZIBAR.

##### ZANZIBAR—SMALLPOX—EXAMINATION OF RATS.

Consul Weddell reports, February 8:

During the two weeks ended February 5 there were reported 2 cases of smallpox, with 1 death. The total number of cases reported from June 8 to February 5 was 256, with 140 deaths. The total number of persons vaccinated during the same period was 34,991.

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX.

## Reports Received During Week Ended March 24, 1911.

(These tables include cases and deaths recorded in reports received by the Surgeon General, Public Health and Marine-Hospital Service, from American consuls, through the Department of State, and from other sources.)

## CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
India:				
Bombay.....	Feb. 5-11.....		1	
Calcutta.....	Jan. 22-28.....		57	
Rangoon.....	Jan. 15-21.....		1	
Java:				
Batavia.....	Jan. 29-Feb. 4.....	1	.....	
Philippine Islands:				
Provinces—				
Albay.....	Jan. 29-Feb. 4.....	8	5	
Bulacan.....	Jan. 29-Feb. 4.....	14	12	
Mindoro.....	Jan. 29-Feb. 4.....	36	31	

## YELLOW FEVER.

Mexico:				
Salina Cruz.....	Mar. 4.....	1	1	From s. s. Opland from Guatimalan ports.

## PLAQUE.

Brazil:				
Pernambuco.....	Nov. 16-Dec. 16.....		3	
China:				
Manchuria—				
Changchun.....	Jan. 1-Feb. 1.....	544		Feb. 20-26, deaths not reported; cases, 20 daily.
Changtu.....	Jan. 14.....			Present.
Harbin.....	Jan. 29-Feb. 4.....	189		Including 9 deaths among Europeans.
Fuchiatien.....	Jan. 29-Feb. 4.....	832		
Kirin.....	Jan. 7-28.....	33		
Mukden.....	Jan. 17-Feb. 5.....	626		
India:				
Bombay.....	Feb. 5-11.....	57		
Calcutta.....	Jan. 22-28.....	14		
Kurrachee.....	Feb. 5-11.....	49	50	
Rangoon.....	Jan. 21-28.....	12		
Indo-China:				
Saigon.....	Jan. 23-29.....	2	1	
Peru:				
Mollendo.....	Jan. 13-24.....	11	3	
Salaverry.....	Feb. 8-14.....	3	1	Feb. 14, 27 cases in the Lazaretto at Truxillo.
Russia:				
Kirghiz Steppe.....	Jan. 30-Feb. 2.....	17	24	

## SMALLPOX.

Austria-Hungary:				
Galicia.....	Feb. 12-18.....	9	.....	
Brazil:				
Pernambuco.....	Dec. 1-Jan. 15.....		187	
Canada:				
Fernie.....	Mar. 5-11.....	2	.....	
Sydney.....	Mar. 5-11.....	2	.....	
China:				
Tsingtau.....	Feb. 5-11.....	1	1	
Egypt:				
Cairo.....	Feb. 5-11.....	4	.....	
Port Said.....	Feb. 5-11.....	2	.....	
Great Britain:				
Liverpool.....	Feb. 27-Mar. 4....	1	.....	
India:				
Bombay.....	Feb. 5-11.....		6	
Calcutta.....	Jan. 22-28.....		1	
Rangoon.....	Jan. 22-28.....		4	

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

## Reports Received During Week Ended March 24, 1911.

## SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Indo-China:				
Saigon.....	Jan. 22-Feb. 5.....	29	8	
Italy:				
Genoa.....	Feb. 1-15.....	6	.....	
Naples.....	Feb. 12-25.....	51	5	
Java:				
Batavia.....	Jan. 29-Feb. 4.....	1	.....	
Mexico:				
Aguascalientes.....	Feb. 27-Mar. 4.....	.....	6	
Mexico.....	Jan. 22-Feb. 11.....	.....	16	
Portugal:				
Lisbon.....	Feb. 19-25.....	12	.....	
Spain:				
Madrid.....	Feb. 5-11.....	43	9	
Valencia.....	Feb. 19-25.....	3	.....	
Switzerland:				
Cantons—				
Aargau.....	Feb. 19-25.....	6	.....	
Baselstadt.....	Feb. 19-25.....	1	.....	
Zanzibar.....	Dec. 23-Feb. 5.....	22	24	

## Reports Received from December 31, 1910, to March 17, 1911.

[For reports received from June 25, 1910, to Dec. 30, 1910, see PUBLIC HEALTH REPORTS for Dec. 30, 1910. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

## CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
Arabia:				
Bajil.....	Jan. 18-Feb. 12.....	49	41	
Nodeida.....	Jan. 23-Feb. 12.....	188	133	
Perim.....	Jan. 23.....	.....	.....	Present.
Maskat.....	Nov. 20-30.....	7	7	
Menaka.....	Jan. 19-Feb. 12.....	97	24	
Obal.....	Jan. 27-Feb. 12.....	3	3	
Zaida.....	Jan. 27-Feb. 12.....	27	15	
Austria-Hungary:				
Croatia and Slavonia.....	Aug. 3-Nov. 7.....	.....	2	Not previously reported.
Maren.....	Dec. 4-17.....	5	2	
Hungary.....	Oct. 1-9.....	3	.....	
Bulgaria:				
Tartar-Pazardjik.....	Jan. 10.....	2	2	
Varna.....	Nov. 29.....	2	.....	
Ceylon:				
Colombo.....	Dec. 11-24.....	4	3	
China:				
Niuchwang.....	Aug. 1-Nov. 22.....	.....	.....	Occasional cases.
Shanghai.....	Aug. 1-31.....	.....	1	Reported out of date.
Formosa.....	Nov. 20-Dec. 17.....	11	6	Mainly in Kelung and Taihoku.
Hawaii:				
Honolulu.....	.....	.....	.....	Total from Feb. 25-Mar. 14: Cases, 31; deaths, 22.
India:				
Bombay.....	Nov. 23-Feb. 4.....	104	.....	
Calcutta.....	Nov. 13-Jan. 21.....	233	.....	
Madras.....	Nov. 27-Feb. 4.....	12	.....	
Rangoon.....	Jan. 1-7.....	2	.....	
Indo-China:				
Saigon.....	Dec. 12-Jan. 22.....	7	4	
Italy.....	.....	.....	.....	Total for Italy, Dec. 27-Jan. 30: Cases 111; deaths, 17.
Provinces—				
Aquila.....	Dec. 4-17.....	4	1	
Bari.....	Dec. 27-Jan. 30.....	5	2	
Caltanissetta.....	Dec. 4-10.....	1	.....	
Caserata.....	Dec. 4-Jan. 14.....	15	3	
Catanzaro.....	Dec. 27-Jan. 6.....	2	2	
Lecce.....	Dec. 11-Jan. 30.....	111	13	

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

## Reports Received from December 31, 1910, to March 17, 1911.

## CHOLERA—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Italy—Continued.</b>				
<b>Provinces—Continued.</b>				
Palermo—				
Palermo.....	Dec. 4-10.....	16	6	
Insane asylum.....	Dec. 4-Jan. 6.....	24	6	
Rome.....	Dec. 4-Jan. 6.....	10	7	
Salerno.....	Dec. 11-Jan. 6.....	10	.....	
<b>Japan.....</b>				Total for Japan, Sept. 14-Nov. 30: Cases, 2,770; deaths, 1,923; including cases and deaths appearing on p. 1937, Vol. XXV.
Aichi ken.....	Oct. 16-Nov. 20.....	3	3	
Ehime ken.....	Sept. 23-Nov. 30.....	27	19	
Fukuoka ken.....	Sept. 30-Nov. 30.....	234	165	
Hiogo ken, Kobe.....	Sept. 12-Nov. 30.....	607	386	
Hiroshima ken.....	Sept. 25-Nov. 30.....	58	30	
Kagawa ken.....	Oct. 2-Nov. 30.....	293	201	
Kagoshima ken.....	Oct. 28-Nov. 30.....	4	3	
Kochi ken.....	Oct. 18-Nov. 30.....	70	42	
Kyoto fu.....	Sept. 30-Nov. 30.....	143	119	
Kumamoto ken.....	Oct. 18-Nov. 30.....	19	11	
Miye ken.....	Oct. 11-Nov. 30.....	8	5	
Nagasaki ken.....	Oct. 16-Nov. 30.....	26	11	
Nara ken.....	Oct. 3-Nov. 30.....	31	23	
Oita ken.....	Oct. 10-Nov. 30.....	2	1	
Okayama ken.....	Sept. 29-Nov. 30.....	71	49	
Osaka fu.....	Sept. 17-Nov. 30.....	951	692	
Saga ken.....	Oct. 4-Nov. 30.....	51	31	
Shiga ken.....	Nov. 20-30.....	7	6	
Shimane ken.....	Oct. 24-Nov. 30.....	7	5	
Tokushima ken.....	Oct. 3-Nov. 30.....	59	37	
Tokyo fu.....	Oct. 18-Nov. 30.....	1	1	
Wakayama ken.....	Oct. 6-Nov. 30.....	57	44	
Yamaguchi ken.....	Oct. 12-Nov. 30.....	41	29	
<b>Java:</b>				
Batavia.....	Nov. 13-Jan. 28.....	12	5	
Samarang.....	Sept. 11-Dec. 20.....	590	504	
Soerobaya.....	Oct. 23-Dec. 24.....	23	15	
<b>Korea:</b>				
Seoul.....	Oct. 26-Nov. 5.....	1	1	
<b>Madeira:</b>				
Funchal.....	Nov. 16-Dec. 8.....	126	36	
Calheta.....	Dec. 9-31.....	1	.....	
Camara dos Lobos.....	Nov. 16-Dec. 8.....	112	32	
Ponto do Sol.....	Nov. 16-Dec. 8.....	54	20	
Santa Cruz.....	Nov. 16-Dec. 8.....	15	8	
Machico.....	Nov. 16-Dec. 8.....	31	5	
Porto Santo Island.....	Nov. 10-Dec. 8.....	7	3	
<b>Persia:</b>				
Assadabad.....	Oct. 5-Nov. 8.....	.....	61	
Birjend.....	Nov. 10.....	.....	.....	Present.
Enzeli.....	Nov. 8-25.....	9	11	Present in vicinity and in Pire-Bazar.
Hamadan.....	Oct. 6-Dec. 3.....	42	22	
Kasri-Churine.....	Oct. 13-20.....	.....	5	
Kerman.....	Nov. 22-Dec. 24.....	97	51	
Kermanshah.....	Nov. 5-10.....	.....	6	
Mohammerah.....	Nov. 13-Dec. 5.....	11	3	
Resht.....	Nov. 19-Dec. 3.....	48	42	
Mollag-Ali.....	Nov. 20.....	6	.....	
Turbat-i-Hidari.....	Oct. 10-Nov. 15.....	66	25	
<b>Philippine Islands:</b>				
Manila.....	Nov. 6-Dec. 31.....	9	6	Third quarter, 1910: Cases, 195; deaths, 141.
Provinces.....				Third quarter, 1910: Cases, 5,657; deaths, 4,089.
Albay.....	Dec. 24-Jan. 14.....	16	14	
Bulacan.....	Nov. 6-19.....	4	3	
Ilocos Sur.....	Nov. 6-Dec. 17.....	58	38	
Mindoro.....	Nov. 6-Dec. 10.....	24	17	
Rizal.....	Nov. 6-Dec. 3.....	4	1	
Union.....	Nov. 6-12.....	3	1	

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

## Reports Received from December 31, 1910, to March 17, 1911.

## CHOLERA—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Russia.....				Total for Russia, Nov. 20-Jan. 28; Cases, 1,229; deaths, 302. From May 8-Jan. 28: Cases, 216,795; deaths, 100,981.
Baku government—				
Baku.....	Nov. 6-Dec. 17.....	6	2	
Batum.....	Dec. 4-10.....	2	1	
Don territory.....	Nov. 6-19.....	6	2	
Erivan government.....	Nov. 6-Dec. 10.....	4	4	
Ferghana territory.....	Nov. 6-19.....	6	6	
Kharkov government.....	Nov. 6-12.....	2		
Kazan government.....	Nov. 6-Jan. 7.....	2	1	
Kherson government.....	Nov. 6-Dec. 3.....	4	4	
Kief government.....	Nov. 6-Jan. 28.....	44	17	
Kuban territory.....	Nov. 6-13.....	4	4	
Lublin government.....	Nov. 20-26.....	31	13	
Mohiley government.....	Nov. 6-19.....	2	1	
Orenburg government.....	Nov. 13-24.....	15	6	
Oufa government.....	Nov. 6-12.....	2	1	
Perm government.....	Nov. 20-26.....	1		
Podolia government.....	Nov. 13-Jan. 28.....	11	4	
Rjasan government.....	Nov. 6-12.....	2		
St. Petersburg government—	St. Petersburg.....			
St. Petersburg.....	Nov. 6-Dec. 31.....	32	16	
Samara government.....	Nov. 6-19.....	6		
Saratov government.....	Nov. 13-26.....	8	6	
Siberia, eastern.....	Nov. 6-19.....	12	3	
Syr Darya territory.....	Nov. 6-19.....	7	4	
Taurida government—				
Sebastopol.....	Nov. 13-Dec. 3.....	7	4	
Tambow government.....	Nov. 13-Dec. 10.....	86	34	
Tiflis government.....	Nov. 6-26.....	2		
Vitebsk government.....	Nov. 6-19.....	3	2	
Veronesch government.....	Nov. 6-12.....	2		
Yekaterinoslav government.....	Nov. 6-Jan. 14.....	65	34	
Siam:				
Bangkok.....	Nov. 6-Jan. 21.....	296	291	
Straits Settlements:				
Singapore.....	Dec. 25-31.....	1	1	
Sumatra:				
Bambel.....	Dec. 29.....			Present.
Biagmoeti.....	Nov. 14.....			Do.
Keratan.....	Dec. 29.....			Do.
Pengoeloedjahan.....	Nov. 14.....			Do.
Tripoli:				
Tripoli.....	Nov. 15-Dec. 8.....	37	37	
Turkey:				
Adrianople vilayet.....	Nov. 21-Dec. 15.....	60	70	94 cases and 34 deaths reported, p. 1940, Vol. XXV.
Constantinople.....	Nov. 22-Jan. 16.....	841	529	Total from Sept. 13-Jan. 16: Cases, 1,318; deaths, 793.
Saloniki vilayet.....	Dec. 11-31.....	50	25	
Turkey in Asia:				
Bagdad vilayet.....	Nov. 20-Dec. 11.....	119	115	Total, Oct. 16-Jan. 16: Cases, 819; deaths, 723.
Basra.....	Nov. 6-26.....	10	9	
Damascus.....	Feb. 3.....	13	3	Among pilgrims.
Mekka.....	Dec. 26-Jan. 28.....	153	142	
Samsoun.....	Nov. 20-Dec. 3.....	6	6	
Smyrna.....	Nov. 20-Feb. 12.....	331	200	
Trebizond.....	Nov. 20-Dec. 18.....	107	42	And vicinity.
Yembo.....	Jan. 7-12.....	24	21	
Zongouldak.....	Nov. 20-Dec. 16.....	9	6	

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from December 31, 1910, to March 17, 1911.  
YELLOW FEVER.

Places.	Date.	Cases.	Deaths.	Remarks.
Brazil:				
Manaos.....	Dec. 4-Feb. 11.....	176	78	
Para.....	Nov. 27-Feb. 18.....		76	
Ecuador:				
Guayaquil.....	Nov. 1-Jan. 31.....	73	31	
Honduras:				
Puerto Cortez.....	Jan. 21-29.....			One fatal case on U.S.S. Marietta.
Venezuela:				
Caracas.....	Dec. 4-Feb. 15.....	55	14	Nov. 22-Dec. 3, 5 deaths.
La Guaira.....	Dec. 1-15.....	1	1	Jan. 22-27, 1 fatal case in Canton, suburb.
Macuto.....	Dec. 1-7.....	1		
Maiquetia.....	Nov. 29.....	1		

## PLAGUE.

Azores:				
Terceira.....	Dec. 24.....			Present.
Brazil:				
Bahia.....	Oct. 29-Dec. 23.....	32	28	
Pernambuco.....	July 1-Oct. 15.....		12	
Rio de Janeiro.....	Nov. 1-27.....	12	5	
São Paulo.....	Jan. 8-21.....	2	2	
Chile:				
Arica.....	Jan. 26-Feb. 5.....	5	1	Dec. 28-Jan. 12, present.
Iquique.....	Jan. 1-28.....	5	3	
China:				
Amoy.....	Jan. 21.....	1		Kulangsu, Jan. 1-21, 3 fatal cases. Jan. 21, present in Amoy Is land.
Changchung.....	Jan. 1-Feb. 1.....		544	
Paoting-fu.....	Jan. 24.....			Present.
Peking.....	Jan. 24.....	2		
Shantung Province.....	Jan. 15-Feb. 15.....		1,000	
Chefoo.....	Jan. 15-Feb. 15.....		300	
Tengchowfu.....	Feb. 4.....		30	
Sioke.....	Dec. 6-Jan. 4.....			
Swatow.....	Jan. 28-Feb. 4.....			
Tientsin.....	Jan. 21.....		4	
Manchuria:				
Ashihe.....	Dec. 25-Jan. 13.....	2		
Buhedu.....	Oct. 30.....	3	3	
Chang Chuen.....	Jan. 7-16.....	100		
Dalny.....	Jan. 11-Feb. 8.....	66	60	
Dunzenshan.....	Dec. 25-Feb. 3.....	19	22	
Fuchiatien.....				
Hallar.....	Dec. 6.....	1	1	
Harbin.....				
Hulan.....	Dec. 31.....			
Iaomin.....	Dec. 25-Jan. 13.....	1	1	
Kirin.....	Jan. 7-28.....		33	
Kuantchentzi.....	Jan. 1-Feb. 3.....	8	3	
Liesania wetka Handa-ohedzy.....	Dec. 25-Jan. 13.....	9	9	
Lochagri.....	Dec. 27.....	4	4	
Loshagoon.....	Dec. 27.....	4		
Manchuria, station.....	Dec. 7-26.....	85	95	
Moershan.....	Jan. 1-20.....	1	1	
Mukden.....	Jan. 2-16.....	89	63	
Sanshae.....	Jan. 1-20.....	3	3	
Tieling.....	Jan. 14.....		1	
Tchjalainarskiy.....	Nov. 11-Dec. 3.....	104	106	Cases previously reported, 14; deaths, 12.
Tchjalantum.....	Nov. 21-Jan. 14.....		42	
Turchiha.....	Oct. 30.....	4	4	
Tzaitzadgoy.....	Jan. 1-20.....	2	2	
Ecuador:				
Babahoyo.....	Dec. 16-Jan. 15.....	16	4	
Duran.....	Dec. 16-Jan. 31.....	10	4	
Guayaquil.....	Nov. 1-Jan. 31.....	203	183	
Milagro.....	Jan. 1-31.....	7	5	

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from December 31, 1910, to March 17, 1911.  
PLAGUE—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Egypt:</b>				
Alexandria.....	Nov. 29-Jan. 15...	6	2	
Provinces—				
Assiout.....	Dec. 1-Feb. 2.....	90	40	
Assouan.....	Jan. 1-Feb. 1.....	6	4	
Behera.....	Jan. 1-17.....	3		
Galoubieh.....	Nov. 22-Dec. 2.....	1	1	
Gizeh.....	Jan. 1-Feb. 2.....	9	5	
Kena.....	Jan. 14-Feb. 2.....	20	12	
Menouf.....	Dec. 2-Jan. 27.....	32	16	
<b>Hawaii:</b>				
Honokaa.....	Jan. 31.....	2	2	
<b>India:</b>				
Bombay.....	Nov. 23-Feb. 4.....		193	
Calcutta.....	Nov. 13-Jan. 21.....		104	
Kurrachee.....	Nov. 19-Feb. 4.....	144	141	
Madras.....	Dec. 11-17.....		1	
Rangoon.....	Nov. 20-Jan. 14.....		16	
Bombay Presidency and Sind.	Oct. 29-Jan. 28.....	21,855	14,671	
Madras Presidency.....	Oct. 29-Jan. 28.....	5,666	4,654	
Bengal.....	Oct. 29-Jan. 28.....	15,243	12,042	
United Provinces.....	Oct. 29-Jan. 28.....	66,534	56,216	
Punjab.....	Oct. 29-Jan. 28.....	19,395	15,294	
Burma.....	Oct. 29-Jan. 28.....	1,787	1,720	
Central Provinces.....	Oct. 29-Jan. 28.....	14,834	11,137	
Coorg.....	Oct. 29-Jan. 28.....	19	9	
Mysore State.....	Oct. 29-Jan. 28.....	7,302	5,255	
Hyderabad State.....	Oct. 29-Jan. 28.....	4,552	3,947	
Central India.....	Oct. 29-Jan. 28.....	3,332	2,703	
Rajputana and Ajmer-Merwara.	Oct. 29-Jan. 28.....	8,277	6,393	
Kashmir.....	Nov. 6-Jan. 28.....	104	74	
North West Province.....	Dec. 10-Jan. 28.....	61	52	
Grand total.....		168,961	134,067	
<b>Indo-China:</b>				
Saigon.....	Nov. 14-Jan. 22.....	3	3	
<b>Japan:</b>				
Formosa.....	Jan. 22-Feb. 4.....	7	6	
Mauritius.....	Sept. 30-Dec. 29.....	511	290	
<b>New Caledonia:</b>				
Noumea.....	Sept. 17.....			Present.
<b>Peru:</b>				
Arequipa Department.....	Nov. 1-Dec. 31.....	10	2	
Mollendo.....				Dec. 17-Feb. 10, 24 cases, 7 deaths.
Callao Department.....	Nov. 1-Jan. 14.....	2		
Lambayeque Department.....	Nov. 1-Dec. 31.....	8	2	
Libertad Department.....	Nov. 1-Dec. 31.....	58	29	Dec. 10, still present in Chicama Valley, near Truxillo. Salaverry, Jan. 1-31, 5 cases, 2 deaths. Mar. 1, epidemic.
Lima Department.....	Nov. 1-Feb. 18.....	15	8	
Piura Department.....	Nov. 1-Dec. 31.....	29	18	
<b>Russia:</b>				
Odessa.....	Jan. 1.....	1		
Astrakhan Government—				
Abil-Isken.....	Nov. 22-29.....	4	4	
Kirghiz Steppe.....	Dec. 17-Jan. 29.....	82	57	
Kolden.....	Dec. 6-13.....	8	3	
Kolybai.....	Dec. 10-13.....	5	1	
Kulken Island.....	Oct. 13-Nov. 4.....	5	5	
Nauraali-Tehaygal.....	Nov. 23-29.....	5	5	
Neuren.....	Nov. 17-21.....	1	1	
Trans-Caucasia.....				Total from Oct. 23-Nov. 24: Cases, 28; deaths, 5.
Petrovsk.....	Nov. 23.....	1	1	
Sanitza-Olivianna.....	Nov. 22.....	1	1	
Baku.....	Dec. 17.....	1	1	
Batum.....	Dec. 17.....	1	1	
Odessa.....	Nov. 26-Dec. 9.....		1	
Siam:				
Bangkok.....	Nov. 27-Dec. 3.....	1	1	
Straits Settlements:				
Singapore.....	Nov. 13-Dec. 3.....	1	1	
Trinidad.....	Feb. 8-Mar. 15.....	2	1	
Turkey in Asia:				
Jiddah.....	Jan. 15.....	1		
Venezuela:				
Caracas.....	Nov. 9.....			Present.

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from December 31, 1910, to March 17, 1911.  
SMALLPOX.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Abyssinia:</b> Adis Ababa.....	Nov. 20-Feb. 11.....			Present.
<b>Arabia:</b> Aden.....	Jan. 9-16.....	11	3	Epidemic.
Berbera.....	Dec. 9-Jan. 9.....			Present.
Bulhar.....	Jan. 25.....			1 case from a British naval vessel.
Maskat.....	Jan. 1-21.....	3		Present.
Zeila.....	Jan. 25.....			
<b>Argentina:</b> Buenos Aires.....	Oct. 1-Dec. 31.....		16	
Rosario.....	Oct. 1-Dec. 31.....		11	
<b>Australia:</b> Adelaide.....				Sept., 1910, 1 case on s. s. Kazebe from Singapore.
<b>Barbados:</b> Bridgetown.....	Jan. 14.....	1		From steamship Cara from Rio de Janeiro.
<b>Brazil:</b> Bahia.....	Oct. 29-Dec. 23.....	59	30	
Para.....	Nov. 27-Feb. 11.....	34	8	
Pernambuco.....	July 1-Nov. 30.....		699	
Rio de Janeiro.....	Nov. 14-27.....	3		
Sao Paulo.....	Jan. 8-14.....		1	
<b>Canada:</b> British Columbia— Fernie.....	Feb. 19-Mar. 4.....	2		
Vancouver.....	Jan. 1-31.....	3		
Victoria.....	Dec. 11-Feb. 28.....	59		
New Brunswick— Moncton.....	Jan. 29-Feb. 11.....	15		
Newcastle.....	Dec. 18-Jan. 25.....	9		Jan. 14-Feb. 25, in vicinity.
Nova Scotia— Halifax.....	Jan. 1-14.....	3		
Louisburg.....	Dec. 25-Feb. 4.....	9		
Sydney.....	Jan. 22-Mar. 4.....	3		
Ontario— Cornwall.....	Jan. 1-21.....	3		
Ottawa.....	Dec. 18-Feb. 25.....	7		
Quebec— Quebec.....	Feb. 12-18.....	1		
<b>Ceylon:</b> Colombo.....	Nov. 13-Jan. 7.....	25	6	Feb. 12, present.
<b>Chile:</b> Coquimbo Province.....	Dec. 13-30.....			Present in two localities.
Iquique.....	Nov. 13-19.....		1	
Punta Arenas.....	Nov. 1-30.....	1		
Talcahuano.....	Nov. 13-Dec. 17.....	23		
Valparaiso.....	Nov. 20-Jan. 28.....	448		Deaths not generally reported; Jan. 8-14, two deaths.
<b>China:</b> Canton.....	Dec. 11-17.....	26	3	Present among natives.
Chefoo.....	Dec. 11-17.....			Present.
Chungking.....	Nov. 13-Jan. 28.....			
Hongkong.....	Dec. 4-Jan. 28.....	14	9	
Manchuria— Dainy.....	Nov. 27-Feb. 11.....	2	1	Do.
Nanking.....	Nov. 20-Feb. 11.....			Deaths among natives.
Shanghai.....	Nov. 21-Feb. 5.....	30	130	Present 25 miles inland; Jan. 21, present in vicinity.
Swatow.....	Jan. 1-7.....			
Tsingtao.....	Jan. 8-28.....	11		
<b>Colombia:</b> Cartagena.....	Jan. 15.....			Present.
<b>Egypt:</b> Alexandria.....	Nov. 1-Dec. 31.....	1	2	
Cairo.....	Dec. 3-Feb. 4.....	8	4	
Port Said.....	Dec. 17-23.....	1		
<b>France:</b> Paris.....	Dec. 3-Feb. 18.....	38		
<b>Germany:</b>				Total for Germany, Dec. 4-Jan. 7, cases 11.
Gibraltar.....	Jan. 16-Feb. 5.....	3		
<b>Great Britain:</b> Dublin.....	Jan. 15-21.....	1		
Leith.....	Dec. 11-17.....	2		
Liverpool.....	Jan. 29-Feb. 18.....	2		
London.....	Feb. 19-25.....	35		
<b>Hawaii:</b> Honolulu.....	Jan. 3-Feb. 18.....	4		Jan. 3, 3 cases on s. s. Kaho Maru from Manzanillo. Feb. 18, 1 case on s. s. Chiyo Maru from Yokohama.

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

## Reports Received from December 31, 1910, to March 17, 1911.

## SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Hawaii—Continued.				
Maui—				
Puunene.....	Jan. 24.....	39	.....	
Waikapu.....	Jan. 31.....	1	.....	
India:				
Bombay.....	Dec. 6-Feb. 4.....	23	.....	
Calcutta.....	Nov. 6-Jan. 21.....	14	.....	
Madras.....	Nov. 20-Feb. 4.....	165	60	
Rangoon.....	Nov. 20-Jan. 14.....	.....	14	
Indo-China:				
Saigon.....	Nov. 14-Jan. 22.....	44	13	
Italy:				
Naples.....	Dec. 4-Feb. 11.....	196	139	
Paermo.....	Jan. 8-Feb. 4.....	24	9	
Turin.....	Jan. 8-14.....	1	.....	
Japan:				
Kobe.....	Dec. 26-Feb. 12.....	3	.....	
Java:				
Batavia.....	Dec. 26-Jan. 21.....	5	.....	
Malta:				
Valetta.....	Dec. 4-Jan. 28.....	4	.....	
Mexico:				
Aguascalientes.....	Dec. 25-Feb. 18.....	23	.....	
Chihuahua.....	Jan. 30-Feb. 5.....	1	1	
Guadalajara.....	Jan. 29-Feb. 4.....	1	1	
Mexico.....	Dec. 11-Jan. 7.....	10	3	
Monterey.....	Dec. 19-25.....	.....	1	
San Luis Potosi.....	Nov. 13-Jan. 28.....	84	44	
Tampico.....	Dec. 2-Feb. 11.....	83	19	
Netherlands:				
Rotterdam.....	Dec. 11-Jan. 28.....	4	.....	
New Zealand:				
Lyttelton.....	Dec. 30.....	1	.....	On s. s. Knight of the Garter from Karotzu, Japan.
Peru:				
Salaverry.....	Jan. 25-31.....	1	.....	Jan. 10-Feb. 7 present.
Truxillo.....	Dec. 19.....	.....	2	Dec. 19-Jan. 7 present in vicinity.
Philippine Islands.....				Third quarter, 1910: Cases 11, deaths 0.
Portugal:				
Lisbon.....	Dec. 3-Feb. 18.....	186	.....	Oct. 30-Jan. 14, deaths 52. Year 1910, 286.
Russia:				
Libau.....	Dec. 5-Jan. 23.....	6	4	
Moscow.....	Nov. 13-Feb. 11.....	108	52	
Odessa.....	Nov. 20-Feb. 18.....	14	3	
Riga.....	Dec. 11-Feb. 18.....	78	.....	
St Petersburg.....	Nov. 13-Feb. 4.....	316	89	Oct. 31-Nov. 30, 58 deaths.
Warsaw.....	Oct. 9-Dec. 17.....	.....	19	
Siberia:				
Vladivostok.....	Nov. 22-Jan. 21.....	16	3	
Siam:				
Bangkok.....	Dec. 21-Feb. 22.....	1	1	
Spain:				
Barcelona.....	Dec. 5-Jan. 8.....	.....	2	
Madrid.....	Nov. 1-Jan. 31.....	.....	15	
Seville.....	Jan. 1-31.....	.....	8	
Valencia.....	Nov. 27-Feb. 4.....	14	.....	
Straits Settlements:				
Penang.....	Nov. 6-Jan. 7.....	275	120	
Singapore.....	Nov. 13-Jan. 28.....	69	13	
Switzerland:				
Cantons—				
Aargan.....	Jan. 29-Feb. 18.....	25	.....	
Bern.....	Dec. 12-Feb. 11.....	11	.....	
Turkey:				
Constantinople.....	Dec. 19-25.....	.....	1	
Turkey in Asia:				
Beirut.....	Dec. 4-Feb. 18.....	23	.....	
Smyrna.....	Dec. 18-24.....	1	.....	
Uruguay:				
Montevideo.....	Oct. 1-Dec. 31.....	31	10	
Zanzibar:				
Zanzibar.....	Oct. 31-Feb. 5.....	67	58	

## MORTALITY.

**WEEKLY MORTALITY TABLE, FOREIGN AND INSULAR CITIES.**

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—							
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhoid fever.	Scarlet fever.
Aberdeen.	Feb. 18	185,703	48						1	1	
Do.	Feb. 25		53					1	1		
Aguascalientes.	Mar. 4	40,000	41	2						1	
Amsterdam.	Feb. 18	574,973	203	25					3	12	3
Antwerp.	do.	326,351	85	11					1	2	
Barcelona.	Feb. 19	591,272	405	23					6	5	5
Do.	Feb. 26		367	30				6	2	5	1
Barranquilla.	Feb. 25	40,000	24	3					1		
Beirut.	do.	80,000	24					2			1
Belfast.	do.	398,421	141	25					1	1	2
Bradford.	do.	279,780	78	8					1	1	19
Birmingham.	do.	575,545	174					1	1	1	
Bristol.	Feb. 25	387,511	124	6						5	4
Bombay.	Feb. 11	977,822	790	52	57	1	6				30
Bordeaux.	Feb. 25	253,000	143	14					1		
Do.	Mar. 4		120	17						2	1
Bremen.	Feb. 25	246,827	79	17						3	1
Brussels.	do.	562,895	241	18						2	3
Budapest.	Feb. 11	950,610						3	5	3	
Do.	Feb. 18								10		1
Cairo.	Feb. 11	682,953	450	34	1			3	2	3	
Calcutta.	Jan. 28	847,796	466	45	14	57	1				1
Chefoo.	Feb. 18	82,000			191						4
Christiania.	Feb. 25	245,000	64	16							
Colombo.	Feb. 4	191,310		10				9		1	
Constantinople.	Feb. 26	1,000,000	394	40				1	2	1	
Copenhagen.	Feb. 11	460,000	118	11				1	3		3
Denia.	Feb. 25	12,431	6	1						1	
Durban.	Feb. 4	64,639	16	2				1			
Dundee.	Feb. 25	171,006	81	5					1	1	4
Edinburgh.	do.	365,253	108	10					2	5	3
Flume.	do.	50,811	21	4						1	
Ghent.	Feb. 18	165,965	65	2				1		1	
Hamburg.	Feb. 25	932,000	297	34				2	14	1	1
Hull.	do.	284,502	97						5	5	2
Do.	Mar. 4		89								
Iquique.	Feb. 4	38,382		5				1			
Kurrachee.	Feb. 11	130,000	123	50							
La Guaira.	Feb. 15	10,000	12	4				1	7	3	2
Leeds.	Feb. 23	498,027	176	11				1	1	8	
Leith.	do.	87,826	29	1						1	
Leipzig.	do.	585,743	174	26				1		1	
Liverpool.	do.	774,951	230	22				5	2	12	7
Do.	Mar. 4		261	20				1	2	10	9
Lubeck.	Feb. 18	98,700	34	2				1	1	1	
Lyons.	Feb. 26	500,000	216	32				5	5		1
Madras.	Feb. 11	550,000	422				9	1	4		
Manchester.	Feb. 25	631,533	220	26				2	5	3	1
Matanzas.	Jan. 28	38,311	15	1					1		
Do.	Feb. 4		20	5							
Do.	Feb. 11		12	1							
Monterey.	Mar. 5	100,000	40	4					1	1	
Mexico.	Jan. 28	500,000	419	20				7	27	1	2
Do.	Feb. 4		425	21				5	38	1	4
Do.	Feb. 11		375	21				4	31	4	3
Montreal.	Mar. 11	450,000	180	27					3	2	
Nagoya.	Feb. 5	402,101	113					3		1	
Do.	Feb. 12		139								
Naples.	Feb. 26	593,729		5				5	1	6	
Newcastle-on-Tyne.	Feb. 18	290,360	96	12						1	6
Nottingham.	do.	260,000	68								2
Ottawa.	Mar. 4	86,000	28	2				5		1	
Do.	Mar. 11		30	2				5		1	
Plymouth.	Feb. 25	124,180	46					1		4	
Quebec.	Mar. 4	85,000								1	
Rangoon.	Jan. 28	301,259	174		4		4				
Rotterdam.	Feb. 18	427,456	114							2	
Do.	Feb. 25		119							4	
Salgon.	Jan. 29	206,000		1			3				
Salaverry.	Feb. 14	1,700	8	1				1			

## MORTALITY—Continued.

## 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.	Typhoid fever.	Scarlet fever.
Santa Cruz de Teneriffe.	Feb. 18	46,000	19						3		
Santiago de Cuba.	Feb. 25	53,614	15	1				1			
Santos.	Jan. 14	85,000	33					1			
Sao Paulo.	do.	100,000	114					1			1
Do.	Jan. 21				1						
Sheffield.	Feb. 18	472,000	190	8							
Do.	Feb. 25		193	11					2	1	69 2
Singapore.	Jan. 21	271,060	207	22			2	1			
Do.	Jan. 28		214	35			2	2			
Southampton.	Feb. 25	129,667	46	6							1
Stettin.	Feb. 18	234,033	83	8							
Stockholm.	Feb. 4	341,816	74	8							
Do.	Feb. 11		124	20					3	2	1
Swansea.	do.	112,140	32						2		
Talcahuano.	Feb. 4	28,000	4	2							1
Tarragona.	Feb. 25	20,400	9	1							1
Trieste.	Feb. 11	224,080	142							6	
Do.	Feb. 18		146						3	2	1
Tsingtau.	Feb. 11	35,000	1				1				
Turin.	do.	401,555	206	10						2	
Do.	Feb. 18		148	12						1	
Valencia.	do.	240,000	148	4					1		
Do.	Feb. 25		115	4							
Venice.	Feb. 11	184,325	101	5					1		
Do.	Feb. 18		5						1	1	
Vienna.	Feb. 11	2,030,834	686	111					2	4	4 2
Do.	Feb. 18		652	118					1	2	7 3
Vladivostok.	Jan. 5	90,162	11	3			1				
Do.	Jan. 13		14	2					1		
Do.	Jan. 21		14	1			2				
Winnipeg.	Feb. 25	135,000	61	3					5	2	
Do.	Mar. 4		40						2		
Yokkaichi.	Jan. 28	70,000	7	1							1
Yokohama.	Feb. 20	419,630							1	1	
Do.	Feb. 13	407,434								4	
Zanzibar.	Jan. 31	75,000	22	5			1				
Do.	Feb. 7		18	4							

## MORTALITY—FOREIGN AND INSULAR—COUNTRIES AND CITIES (untabulated).

ARGENTINA—*Buenos Aires*.—Month of December, 1910. Population, 1,314,163. Total number of deaths from all causes 2,041, including diphtheria 19, measles 17, scarlet fever 2, smallpox 7, tuberculosis 196, typhoid fever 10.

AZORES—*St. Michaels*.—Month of December, 1910. Population, 131,183. Total number of deaths from all causes 218, including diphtheria 3, tuberculosis 7, typhoid fever 4.

BRAZIL—*Pernambuco*.—Month of December, 1910. Population, 210,000. Total number of deaths from all causes 720, including diphtheria 1, plague 2, smallpox 102, tuberculosis 112, typhoid fever 2.

Two weeks ended January 15, 1911. Total number of deaths from all causes 368, including smallpox 85, tuberculosis 48, typhoid fever 2.

**CANADA—Dawson.**—Month of January, 1911. Population, 5,000. Total number of deaths from all causes 8, including diphtheria 1, typhoid fever 1.

**Hamilton.**—Month of February, 1911. Population, 73,500. Total number of deaths from all causes 83, including scarlet fever 1, tuberculosis 6, typhoid fever 1.

**FRANCE — Marseille.**—Month of January, 1911. Population 517,498. Total number of deaths from all causes 1,174, including diphtheria 5, measles 14, tuberculosis 142, typhoid fever 21.

**GREAT BRITAIN.**—Week ended February 25, 1911.

**England and Wales.**—The deaths registered in 77 great towns correspond to an annual rate of 16.2 per 1,000 of the population which is estimated at 17,160,256.

**Ireland.**—The deaths registered in 21 principal town districts correspond to an annual rate of 20.9 per 1,000 of the population which is estimated at 1,163,596. The lowest rate was recorded at Clonmel, viz, 5.1 and the highest at Sligo, viz, 33.6 per 1,000.

**Scotland.**—The deaths registered in 8 principal towns correspond to an annual rate of 17.4 per 1,000 of the population which is estimated at 1,917,875. The lowest rate was recorded at Aberdeen, viz, 14.6, and the highest at Dundee, viz, 25 per 1,000. The total number of deaths from all causes was 641, including diphtheria 9, measles 6, scarlet fever 8, typhoid fever 2.

**MAURITIUS—Port Louis.**—Month of November, 1910. Population, 373,071. Total number of deaths from all causes 1,202, including measles 1, plague 140, tuberculosis 80, typhoid fever 2.

**TASMANIA—Hobart.**—Month of December, 1910. Population, 187,250. Total number of deaths from all causes 164, including diphtheria 2, tuberculosis, pulmonary, 18.

**TURKS ISLANDS.**—Two weeks ended March 4, 1911. Population, 1,800. Total number of deaths from all causes 2. No contagious disease.

**URUGUAY—Montevideo.**—Month of December, 1910. Population, 321,224. Total number of deaths from all causes 593, including diphtheria 2, measles 12, smallpox 4, tuberculosis 73, typhoid fever 2.

By authority of the Secretary of the Treasury:

WALTER WYMAN,

*Surgeon General,*

*United States Public Health and Marine-Hospital Service.*