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## RESULTS OF MICROSCOPIC EXAMINATION FOR HOOKWORM DISEASE IN A PUBLIC SCHOOL IN RICHMOND COUNTY, VA.

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At the request of Dr. A. C. Fisher, of Emmerton, Va., we have examined microscopically all of the pupils (white), 39 in number, of one of the public schools in the Washington district, Richmond County, Va., to determine the frequency of hookworm infection.

Of these 39 children (23 boys, 16 girls), 37 pupils, or 94.8 per cent harbor hookworms, as demonstrated microscopically by finding the eggs. The 2 negative cases are children from Washington, D. C., who moved to the county only last fall.

Blank cards were furnished to Doctor Fisher for certain data in connection with each child. From these cards the following information has been tabulated:

*Actual and apparent age.*—The actual age of the pupils varies from 7 to 17 years. Of the 21 boys showing infection, 11 pupils, or 52.3 per cent, were judged by Doctor Fisher as appearing younger than they actually are, that is to say they are underdeveloped for their age. The total actual age for the 21 male cases is 243 years, giving an average of 11.5 years; their total apparent age is 221 years, giving an average of 10.5 years; thus they average 1 year in underdevelopment; this underdevelopment is given as 1 year for 4 boys, 2 years for 3 boys, and 3 years for 4 boys.

Of the 16 girls, 6 pupils, or 37.5 per cent, were judged as apparently younger than they actually are; their total actual age is 199.6 years, giving an average of 12.4 years; their total apparent age is 188.6 years, giving an average of 11.7 years; thus they average 0.7 year in underdevelopment; this underdevelopment is estimated at 1 year for 1 girl, and 2 years for 5 girls.

The total actual age for the 37 infected pupils is 442.6 years, giving an average of 11.9 years; the total apparent age is 409.6 years, giving an average of 11.0 years; thus, the total underdevelopment of the 37 infected children is 33 years, or 396 months, giving an average of 0.89 year, or 10.69 months.

*Sanitary condition of the homes.*—Of the 39 children, 17 pupils, or 43.5 per cent, are living in homes which are not provided with any privy—in other words, they are living on a theoretical maximum of soil pollution; 5 of these 17 children, or 29.3 per cent, report that there has been typhoid fever in their families within the past 10 years. The

remaining 22 pupils live on farms with a surface privy open in back; 3 of these children, or 13.6 per cent, report typhoid fever in their families within the past 10 years.

*Ground itch.*—As some of the children are very young, their testimony as to ground itch is not altogether satisfactory; 19 report having had ground itch, 12 (including the 2 negative cases) deny ground itch, and 8 report that they do not recall whether or not they have had it.

*Farm life.*—The 37 children infected with hookworm disease have spent their entire life on farms.

The foregoing statistics need not be surprising to any person who has followed the recent work on hookworm disease and who is acquainted with rural sanitation in the South.

The point may be emphasized that the foregoing statements as to underdevelopment and sanitation are based upon local (Virginia) testimony. Our part of the work has been confined to the laboratory examinations.

# UNITED STATES.

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

## PLAGUE-PREVENTION WORK.

### Infected Ground Squirrels.

A plague-infected squirrel was found March 25, 1910, in Oakland Township, Alameda County, Cal.

### Summary of Examinations' at Plague Laboratories at San Francisco and Oakland, Cal.

Passed Assistant Surgeon McCoy reports:

Week ended April 2, 1910. The animals examined for plague were as follows: 4,940 rats, of which 2,011 were *Mus norvegicus*, 68 *Mus rattus*, 103 *Mus alexandrinus*, and 71 *Mus musculus*; 2,651 squirrels, 19 rabbits, 17 gophers.

Doctor McCoy further reports:

### SAN FRANCISCO, CAL.

Last case of human plague sickened January 30, 1908. Last case of rodent plague trapped October 23, 1908. Total number of rats found infected to date, 398.

Week ended April 2, 1910. Premises inspected, 1,158. Buildings destroyed, 13. Buildings condemned, 9. Nuisances abated, 133. Poisons placed, 8,160. Rats trapped, 2,007. Rats found dead, 33. Gophers trapped, 17. Squirrels trapped, 1. Rats identified, 2,040, as follows: *Mus norvegicus*, 1,563; *Mus rattus*, 68; *Mus musculus*, 306; *Mus alexandrinus*, 103. Average number of traps set daily, 7,526. Examined bacteriologically, 1,752 rats, 17 gophers, and 1 squirrel. No plague infection found.

### BERKELEY, CAL.

There is no record of rodent plague in Berkeley. The last case of human plague sickened August 28, 1907.

Week ended April 2, 1910. Rats trapped, 20. Rats examined bacteriologically, 20. No plague-infected rats found.

### OAKLAND, CAL.

Last case of human plague sickened October 26, 1909. Last case of rodent plague found December 1, 1908.

Week ended April 2, 1910. Rats found dead, 15. Rats trapped, 533. Rats identified, 548, as follows: *Mus norvegicus*, 483; *Mus musculus*, 65. Rats examined bacteriologically, 481. No plague-infected rats found.

**ALAMEDA COUNTY, CAL. (EXCLUSIVE OF THE CITY OF OAKLAND).**

Last case of human plague sickened 2 miles southwest of Sunol, September 26, 1909. Last plague-infected rodent found March 25, 1910. To the present time 76 ground squirrels and 1 wood rat have been found infected.

Week ended April 2, 1910. Ranches inspected, 6. Ground squirrels shot, 144. Acres covered with poison, 77. Ground squirrels examined bacteriologically, 144. One plague-infected squirrel was found in Oakland Township, March 25.

**FRESNO COUNTY, CAL.**

There is no record of human or rodent plague in Fresno County.

Week ended April 2. Ranches inspected, 30. Ground squirrels shot, 878. Ground squirrels examined bacteriologically, 871. No plague-infected squirrels found.

**MADERA COUNTY, CAL.**

There is no record of human or rodent plague in Madera County.

Week ended April 2. Ranches inspected, 1. Ground squirrels shot, 71. Ground squirrels examined bacteriologically, 69. No plague-infected squirrels found.

**MERCED COUNTY, CAL.**

There is no record of human or rodent plague in Merced County.

Week ended April 2. Ranches inspected, 9. Ground squirrels shot, 303. Rabbits shot, 17. Examined bacteriologically, 300 squirrels and 17 rabbits. No plague infection found.

**MONTEREY COUNTY, CAL.**

There is no record of human or rodent plague in Monterey County.

Week ended April 2. Ranches inspected, 33. Ground squirrels shot, 250. Ground squirrels examined bacteriologically, 246. No plague-infected squirrels found.

**SAN LUIS OBISPO COUNTY, CAL.**

There is no record of human plague in San Luis Obispo County. A plague-infected rodent was found January 29, 1910.

Week ended April 2. Ranches inspected, 19. Ground squirrels shot, 165. Ground squirrels found dead, 41. Ground squirrels examined bacteriologically, 206. No plague-infected squirrels found.

**SAN MATEO COUNTY, CAL.**

There is no record of human or rodent plague in San Mateo County.

Week ended April 2. Ranches inspected, 7. Ground squirrels shot, 161. Ground squirrels examined bacteriologically, 157. No plague-infected squirrels found.

**SANTA BARBARA COUNTY, CAL.**

There is no record of human or rodent plague in Santa Barbara County.

Week ended April 2. Ranches inspected, 23. Ground squirrels shot, 190. Ground squirrels examined bacteriologically, 186. No plague-infected squirrels found.

**SANTA CLARA COUNTY, CAL.**

There is no record of human plague in Santa Clara County. A plague-infected rodent was found November 3, 1909. Total number of ground squirrels found infected to date, 9.

Week ended April 2, 1910. Ranches inspected, 4. Ground squirrels shot, 77. Ground squirrels examined bacteriologically, 75. No plague-infected squirrels found.

**TULARE COUNTY, CAL.**

There is no record of human or rodent plague in Tulare County.

Week ended April 2. Ranches inspected, 8. Ground squirrels shot, 301. Rabbits shot, 2. Examined bacteriologically, 297 squirrels and 2 rabbits. No plague infection found.

**VENTURA COUNTY, CAL.**

There is no record of human or rodent plague in Ventura County.

Week ended April 2. Ranches inspected, 7. Ground squirrels shot, 101. Ground squirrels examined bacteriologically, 99. No plague-infected squirrels found.

**SEATTLE, WASH.**

Assistant Surgeon Chapin reports:

Month of March, 1910. Rats received, 4,495. Rats examined, 279. No plague-infected rats found.

The examination of rats, which was discontinued after the fire at the laboratory February 28, was resumed March 29.

**SMALLPOX IN THE UNITED STATES.****Reports Received During Week Ended April 22, 1910.**

Place.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Birmingham.....	Apr. 3-9.....	21	.....	
California:				
Los Angeles.....	Mar. 27-Apr. 2....	1	.....	
Colorado:				
Adams County.....	Mar. 1-31.....	1	.....	
Clear Creek County.....	Mar. 1-31.....	1	.....	
Conejos County.....	Mar. 1-31.....	21	.....	
Delta County.....	Mar. 1-31.....	1	.....	
Denver County.....	Mar. 1-31.....	23	.....	
Huerfano County.....	Mar. 1-31.....	4	.....	
Las Animas County.....	Mar. 1-31.....	11	.....	
Montrose County.....	Mar. 1-31.....	67	.....	
Morgan County.....	Mar. 1-31.....	12	.....	
Pitkin County.....	Mar. 1-31.....	4	.....	
Prowers County.....	Mar. 1-31.....	9	.....	
Pueblo County.....	Mar. 1-31.....	1	.....	
Weld County.....	Mar. 1-31.....	24	.....	
Connecticut.....	Mar. 1-31.....	None.	.....	
District of Columbia.....	Apr. 3-9.....	3	.....	
Florida:				
Duval County.....	Apr. 3-9.....	9	.....	
Escambia County.....	Apr. 3-9.....	13	.....	
Gadsden County.....	Apr. 3-9.....	2	.....	
Illinois:				
Bond County.....	Mar. 1-31.....	2	.....	
Cass County.....	Mar. 1-31.....	15	.....	
Coles County.....	Mar. 1-31.....	3	.....	
Cook County—				
Chicago.....	Mar. 1-31.....	1	.....	
Edwards County.....	Mar. 1-31.....	3	.....	
Livingston County.....	Mar. 1-31.....	1	.....	

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received During Week Ended April 22, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Illinois—Continued.</b>				
Madison County.....	Mar. 1-31.....	5		
McLean County.....	Mar. 1-31.....	1		
Morgan County.....	Mar. 1-31.....	3		
Richland County.....	Mar. 1-31.....	1		
Williamson County.....	Mar. 1-31.....	53		
<b>Iowa:</b>				
Audubon County.....	Mar. 1-31.....	1		
Benton County.....	Mar. 1-31.....	1		
Buchanan County.....	Mar. 1-31.....	1		
Carroll County.....	Mar. 1-31.....	1		
Cedar County.....	Mar. 1-31.....	1		
Cherokee County.....	Mar. 1-31.....	1		
Clinton County.....	Mar. 1-31.....	1		
Dallas County.....	Mar. 1-31.....	5		
Dubuque County.....	Mar. 1-31.....	7		
Jefferson County.....	Mar. 1-31.....	1		
Linn County.....	Mar. 1-31.....	1		
Lyon County.....	Mar. 1-31.....	6		
Mitchell County.....	Mar. 1-31.....	1		
Osceola County.....	Mar. 1-31.....	1		
Polk County.....	Mar. 1-31.....	34		
Poweshiek County.....	Mar. 1-31.....	13		
Scott County.....	Mar. 1-31.....	3		
Sioux County.....	Mar. 1-31.....	15		
Woodbury County.....	Mar. 1-31.....	2		
Wright County.....	Mar. 1-31.....	1		
<b>Louisiana:</b>				
New Orleans.....	Apr. 2-9.....	15		
<b>Maine:</b>				
Aroostook County—				
Caribou.....	Feb. 1-28.....	6		
<b>Michigan:</b>				
Alcona County.....	Mar. 1-31.....	5		
Alpena County.....	Mar. 1-31.....	1		
Antrim County.....	Mar. 1-31.....	1		
Arenac County.....	Mar. 1-31.....	6		
Bay County.....	Mar. 1-31.....	71		
Benzle County.....	Mar. 1-31.....	1		
Berrien County.....	Mar. 1-31.....	9		
Calhoun County.....	Mar. 1-31.....	2		
Cass County.....	Mar. 1-31.....	1		
Cheboygan County.....	Mar. 1-31.....	7		
Clare County.....	Mar. 1-31.....	4		
Delta County.....	Mar. 1-31.....	1		
Eaton County.....	Mar. 1-31.....	7		
Genesee County.....	Mar. 1-31.....	15		
Hillsdale County.....	Mar. 1-31.....	1		
Houghton County.....	Mar. 1-31.....	5		
Huron County.....	Mar. 1-31.....	31		
Ingham County.....	Mar. 1-31.....	3		
Ionia County.....	Mar. 1-31.....	2		
Iosco County.....	Mar. 1-31.....	3		
Keweenaw County.....	Mar. 1-31.....	1		
Lapeer County.....	Mar. 1-31.....	18		
Livingston County.....	Mar. 1-31.....	14		
Manistee County.....	Mar. 1-31.....	1		
Mecosta County.....	Mar. 1-31.....	8		
Missaukee County.....	Mar. 1-31.....	1		
Montcalm County.....	Mar. 1-31.....	9		
Montmorency County.....	Mar. 1-31.....	2		
Oakland County.....	Mar. 1-31.....	1		
Ogemaw County.....	Mar. 1-31.....	19		
Ontonagon County.....	Mar. 1-31.....	8		
Osceola County.....	Mar. 1-31.....	2		
Presque Isle County.....	Mar. 1-31.....	6		
Saginaw County.....	Mar. 1-31.....	56		
St. Clair County.....	Mar. 1-31.....	6		
Sanilac County.....	Mar. 1-31.....	4		
Shiawassee County.....	Mar. 1-31.....	2		
Tuscola County.....	Mar. 1-31.....	22		
<b>Minnesota:</b>				
Beltrami County.....	Mar. 14-20.....	1		
Chisago County.....	Mar. 7-Apr. 3.....	6		
Crow Wing County.....	Mar. 1-20.....	5		
Dakota County.....	Mar. 1-20.....	5		
Faribault County.....	Mar. 7-13.....	1		
Freeborn County.....	Mar. 1-6.....	2		
Hennepin County.....	Mar. 1-Apr. 3.....	42		
Hubbard County.....	Mar. 1-6.....	1		
Kandiyohi County.....	Mar. 28-Apr. 3.....	2		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received During Week Ended April 22, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Minnesota—Continued.</b>				
Koochiching County.....	Mar. 1-6.....	1		
Lake County.....	Mar. 7-13.....	1		
McLeod County.....	Mar. 7-13.....	1		
Martin County.....	Mar. 7-20.....	2		
Mower County.....	Mar. 1-6-Apr 3.....	5		
Nicollet County.....	Mar. 7-13.....	2		
Norman County.....	Mar. 7-13.....	1		
Olmsted County.....	Mar. 28-Apr. 3.....	1		
Ottertail County.....	Mar. 1-6.....	4		
Polk County.....	Mar. 1-6.....	1		
Ramsey County.....	Mar. 13-20.....	9		
Red Lake County.....	Mar. 7-20.....	2		
Roseau County.....	Mar. 21-Apr. 3.....	8		
St. Louis County.....	Mar. 1-27.....	23		
Scott County.....	Mar. 21-27.....	1		
Sherburne County.....	Mar. 21-27.....	1		
Swift County.....	Mar. 14-20.....	2		
Todd County.....	Mar. 1-20.....	3		
Wright County.....	Mar. 1-20.....	5		
<b>Mississippi:</b>				
Coahoma County.....	Jan. 1-Apr. 1.....	80		
<b>Missouri:</b>				
St. Louis.....	Apr. 2-9.....	8		
<b>North Dakota:</b>				
Barnes County.....	Mar. 1-31.....	2		
Billings County.....	Mar. 1-31.....	4	1	
Bowman County.....	Mar. 1-31.....	5		
Cass County.....	Mar. 1-31.....	7		
Grand Forks County.....	Mar. 1-31.....	1		
Griggs County.....	Mar. 1-31.....	1		
Nelson County.....	Mar. 1-31.....	4		
Steele County.....	Mar. 1-31.....	3		
Walsh County.....	Mar. 1-31.....	56		
Wells County.....	Mar. 1-31.....	23		
Williams County.....	Mar. 1-31.....	1		
Oklahoma, general.....	Jan. 1-31.....	238	2	
<b>Tennessee:</b>				
Knoxville.....	Apr. 2-9.....	1		
Memphis.....	Mar. 28-Apr. 2.....	9		
<b>Texas, general.....</b>				
	{Jan. 1-31.....	706	16	{ This includes cases previously reported for January and February.
	{Feb. 1-28.....	785	12	
Fort Worth.....	Mar. 1-31.....	12	3	
Waco.....	Mar. 1-31.....	14		
<b>Virginia:</b>				
Lynchburg.....	Apr. 3-9.....	3		
Richmond.....	Jan. 1-Feb. 28.....	6		
<b>Wisconsin:</b>				
Ashland County.....	Mar. 1-31.....	7		
Buffalo County.....	Mar. 1-31.....	2		
Crawford County.....	Mar. 1-31.....	10		
Clark County.....	Mar. 1-31.....	2		
Dodge County.....	Mar. 1-31.....	2		
Dane County.....	Mar. 1-31.....	13		
Douglas County.....	Mar. 1-31.....	14		
La Crosse County.....	Mar. 1-31.....	6		
Manitowoc County.....	Mar. 1-31.....	7		
Rock County.....	Mar. 1-31.....	2		
Winnebago County.....	Mar. 1-31.....	1		

## SMALLPOX IN OKLAHOMA FROM OCTOBER 1, 1908, TO JANUARY 31, 1910.

The following information was received from the state board of health under date of March 18, 1910:

During the last quarter of the year 1908 smallpox was reported in the State of Oklahoma as follows:

October, 38 cases; November, 74 cases; December, 119 cases with 2 deaths; total, 231 cases, 2 deaths.

During the year ended December 31, 1909, smallpox was reported as follows: January, 203 cases, 2 deaths; February, 202 cases, 1 death; March, 191 cases, 2 deaths; April, 263 cases; May, 173 cases;

June, 114 cases; July, 18 cases; August, 17 cases, 1 death; September, 20 cases; October, 55 cases; November, 41 cases; December, 137 cases; total, 1,434 cases, 6 deaths.

During the month of January, 1910, 238 cases of smallpox with 2 deaths were reported.

#### Reports Received from January 1 to April 15, 1910.

For reports received from June 25, 1909, to December 31, 1909, see PUBLIC HEALTH REPORTS for December 31, 1909. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Alabama:</b>				
Birmingham.....	Jan. 9-Feb. 12.....	29		
Mobile.....	Jan. 16-Apr. 2.....	9		
Montgomery.....	Dec. 19-Apr. 2.....	441	1	
Total for State.....		479	1	
<b>Arkansas:</b>				
Argenta.....	Jan. 22-Feb. 12....	11		
Little Rock.....	Jan. 1-Mar. 12....	92		
Lonoke.....	Jan. 6-20.....	2		
Monticello.....	Year 1909.....	60		
Total for State.....		165		
<b>California:</b>				
Berkeley.....	Dec. 26-Jan. 1.....	1		
Los Angeles.....	Jan. 12-Mar. 19....	5		
Oakland.....	Dec. 26-Jan. 1.....	1		
Sacramento County.....	Jan. 1-31.....		1	
Sacramento.....	Dec. 12-Feb. 28....	54		
San Francisco.....	Dec. 19-Mar. 26....	23		
Total for State.....		84	1	
<b>Colorado:</b>				
Bent County.....	Feb. 1-28.....	10		
Boulder County—				
Boulder.....	Dec. 19-25.....	1		
Chaffee County.....	Jan. 1-31.....	6		
Conejos County.....	Jan. 1-Feb. 28....	29		
Denver County.....	Jan. 1-Feb. 28....	18		
Fremont County.....	Feb. 1-28.....	14		
Garfield County.....	Jan. 1-31.....	1		
Huerfano County.....	Jan. 1-Feb. 28....	12		
Jefferson County.....	Feb. 1-28.....	1		
La Plata County.....	Feb. 1-28.....	4		
Larimer County.....	Jan. 1-31.....	4		
Las Animas County.....	Jan. 1-Feb. 28....	14		
Logan County.....	Jan. 1-Feb. 28....	17		
Mesa County.....	Jan. 1-31.....	4		
Fruita district.....	Dec. 26-Jan. 1.....	3		
Montrose County.....	Jan. 1-Feb. 28....	19		
Morgan County.....	Jan. 1-Feb. 28....	16		
Otero County.....	Jan. 1-31.....	1		
Ouray County.....	Jan. 1-Feb. 28....	13		
Pitkin County.....	Feb. 1-28.....	5		
Pueblo County.....	Feb. 1-28.....	2		
Rio Grande County.....	Feb. 1-28.....	1		
San Miguel County.....	Jan. 1-31.....	1		
Summit County.....	Jan. 1-31.....	1		
Weld County.....	Jan. 1-Feb. 28....	21		
Total for State.....		218		
District of Columbia.....	Dec. 19-Apr. 2.....	36		
Total for District.....		36		
<b>Florida:</b>				
Alachua County.....	Jan. 1-Feb. 26....	3		
Citrus County.....	Mar. 27-Apr. 2.....	2		
Columbia County.....	Feb. 13-19.....	2		
Duval County.....	Jan. 1-Apr. 2.....	8		
Jacksonville.....	Jan. 30-Mar. 12....	4		
Escambia County.....	Feb. 6-Apr. 2.....	47		
Pensacola.....	Feb. 20-26.....	1		
Gadsden County.....	Jan. 1-31.....	2		
Hillsboro County.....	Jan. 1-31.....	1		



## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to April 15, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Florida—Continued.</b>				
Jackson County.....	Mar. 20-26.....	19		
Jefferson County.....	Mar. 20-26.....	15		
Leon County.....	Feb. 20-Mar. 26.....	24		
Liberty County.....	Jan. 1-31.....	1		
Santa Rosa County.....	Mar. 20-Apr. 2.....	6		
Volusia County.....	Mar. 6-12.....	1		
Walton County.....	Jan. 1-31.....	3		
Total for State.....		139		
<b>Georgia:</b>				
Macon.....	Jan. 1-31.....	51		
Total for State.....		51		
<b>Illinois:</b>				
Alexander County.....	Jan. 1-31.....	6		
Cass County.....	Feb. 1-28.....	1		
Coles County.....	Jan. 1-31.....	4		
Cook County—				
Chicago.....	Dec. 19-Feb. 28.....	3		Present.
Dupage County.....	Feb. 1-28.....			
Edwards County.....	Jan. 1-Feb. 28.....	29		
Effingham County.....	Jan. 1-Feb. 28.....	82		
Fayette County.....	Jan. 1-Feb. 28.....	6		
Franklin County.....	Jan. 1-31.....	2		
Gallatin County.....	Feb. 1-28.....	1		
Iroquois County.....	Jan. 1-31.....	3		
Jackson County.....	Feb. 1-28.....			Do.
Jasper County.....	Jan. 1-31.....	1		
Kane County.....	Feb. 1-28.....	3		
Livingston County.....	Jan. 1-31.....	1		
Macon County.....	Jan. 1-31.....	1		
McLean County.....	Feb. 1-28.....	1		
Madison County.....	Feb. 1-28.....	2		
Marion County.....	Jan. 1-Feb. 28.....	10		
Montgomery County.....	Feb. 1-28.....	2		
Pike County.....	Jan. 1-31.....	2		
Pulaski County.....	Jan. 1-31.....	4		
Sangamon County.....	Jan. 1-31.....	10		Do.
Shelby County.....	Jan. 1-31.....	5		Do.
Wabash County.....	Jan. 1-31.....	23		
Wayne County.....	Jan. 1-Feb. 28.....			
Williamson County.....				
Total for State.....		204		
<b>Indiana:</b>				
Adams County.....	Oct. 1-Feb. 28.....	6		
Allen County.....	Oct. 1-Jan. 31.....	187	1	
Boone County.....	Feb. 1-28.....	3		
Carroll County.....	Nov. 1-Jan. 21.....	2		
Clark County.....	Dec. 1-Jan. 31.....	20		
Clinton County.....	Dec. 1-Feb. 28.....	45		
Crawford County.....	Jan. 1-Feb. 28.....	2		
Davless County.....	Nov. 1-Feb. 28.....	30		
Decatur County.....	Jan. 1-Feb. 28.....	5		
DeKalb County.....	Dec. 1-Apr. 2.....	4		
Delaware County.....	Oct. 1-Nov. 30.....	20		
Fountain County.....	Jan. 1-31.....	1		
Fulton County.....	Jan. 1-Apr. 2.....	12		
Grant County.....	Oct. 1-Apr. 2.....	42	1	
Greene County.....	Oct. 1-31.....	6		
Hamilton County.....	Jan. 1-31.....	4		
Henry County.....	Jan. 1-31.....	2		
Huntington County.....	Jan. 1-Apr. 2.....	4		
Jefferson County.....	Nov. 1-30.....	1		
Jennings County.....	Jan. 1-Apr. 2.....	10		
Knox County.....	Oct. 1-31.....	7		
Laporte County.....	Dec. 1-31.....	1		
Madison County.....	Jan. 1-Apr. 2.....	4		
Marion County.....	Dec. 1-Apr. 2.....	4		
Marshall County.....	Oct. 1-Apr. 2.....	82		
Martin County.....	Jan. 1-31.....	1		
Miami County.....	Jan. 1-Apr. 2.....	4		
Montgomery County.....	Jan. 1-31.....	2		
Noble County.....	Nov. 1-Jan. 31.....	2		
Randolph County.....	Oct. 1-Apr. 2.....	24		
St. Joseph County.....	Oct. 1-Apr. 2.....	24		
Shelby County.....	Dec. 1-Apr. 2.....	49		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to April 15, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Indiana—Continued.</b>				
Steuben County.....	Nov. 1-30.....	3		
Tippecanoe County.....	Dec. 1-Apr. 2.....	4		
Vanderburg County.....	Oct. 1-31.....	8		
Vigo County.....	Feb. 1-28.....	1		
Wabash County.....	Feb. 1-28.....	7		
Warren County.....	Nov. 1-30.....	1		
Warrick County.....	Feb. 1-28.....	1		
Washington County.....	Jan. 1-31.....	1		
Wayne County.....	Nov. 1-Jan. 31.....	1		
Total for State.....		615	2	
<b>Iowa, general.</b>				
Buchanan County.....	Jan. 1-31.....	19		
Buena Vista County.....	Feb. 1-28.....	8		
Calhoun County.....	Jan. 1-31.....	1		
Cass County.....	Jan. 1-31.....	10		
Cedar County.....	Jan. 1-31.....	1		
Cherokee County.....	Jan. 1-31.....	3		
Clayton County.....	Jan. 1-31.....	24		
Dallas County.....	Jan. 1-31.....	1		
Delaware County.....	Jan. 1-31.....	1		
Dubuque County.....	Feb. 1-28.....	4		
Floyd County.....	Jan. 1-Feb. 28.....	40		
Grundy County.....	Feb. 1-28.....	2		
Jones County.....	Feb. 1-28.....	4		
Linn County.....	Jan. 1-Feb. 28.....	3		
Cedar Rapids.....	Jan. 1-31.....	7		
Madison County.....	Dec. 1-31.....	7		
Marion County.....	Jan. 1-31.....	1		
Marshall County.....	Jan. 1-31.....	2		
Mitchell County.....	Jan. 1-Feb. 28.....	5		
Monroe County.....	Feb. 1-28.....	1		
Polk County.....	Jan. 1-Feb. 28.....	3		
Pottawattamie County.....	Jan. 1-31.....	41		
Poweshiek County.....	Jan. 1-31.....	1		
Scott County.....	Jan. 1-31.....	6		
Sioux County.....	Feb. 1-28.....	2		
Story County.....	Jan. 1-Feb. 28.....	17		
Winnebago County.....	Feb. 1-28.....	17		
Woodbury County.....	Feb. 1-28.....	5		
Sioux City.....	Feb. 1-28.....	1		
Wright County.....	Dec. 1-31.....	2		
Wright County.....	Feb. 1-28.....	1		
Total for State.....		240		
<b>Kansas:</b>				
Allen County.....	Jan. 1-Mar. 31.....	7		
Atchison County.....	Feb. 1-Mar. 31.....	10		
Atchison.....	Mar. 1-31.....	4		
Barton County.....	Jan. 1-31.....	1		
Bourbon County.....	Jan. 1-31.....	3		
Butler County.....	Feb. 1-Mar. 31.....	8		
Chataqua County.....	Mar. 1-31.....	10		
Cherokee County.....	Jan. 1-Mar. 31.....	21		
Clark County.....	Mar. 1-31.....	5		
Clay County.....	Nov. 1-30.....	1		
Cloud County.....	Nov. 1-30.....	1		
Cowley County.....	Nov. 1-30.....	3		
Crawford County.....	Dec. 1-Mar. 31.....	5		
Pittsburg.....	Jan. 1-Mar. 31.....	9		
Decatur County.....	Nov. 1-Mar. 31.....	39		
Dickinson County.....	Jan. 1-Feb. 28.....	11		
Doniphan County.....	Mar. 1-31.....	12		
Douglas County.....	Dec. 1-Mar. 31.....	4		
Ellsworth County.....	Jan. 1-Feb. 28.....	18		
Finney County.....	Jan. 1-31.....	1		
Ford County.....	Jan. 1-Mar. 31.....	9	1	
Franklin County.....	Mar. 1-31.....	3		
Gove County.....	Dec. 1-31.....	3		
Graham County.....	Nov. 1-Feb. 28.....	47		
Gray County.....	Jan. 1-Feb. 28.....	25		
Greenwood County.....	Mar. 1-31.....	9		
Hamilton County.....	Jan. 1-31.....	2		
Harper County.....	Feb. 1-28.....	1		
Harvey County.....	Feb. 1-Mar. 31.....	5		
Jackson County.....	Dec. 1-Mar. 31.....	12		
Jefferson County.....	Feb. 1-28.....	2		
Jewell County.....	Nov. 1-Mar. 31.....	58		
Kearny County.....	Jan. 1-31.....	1		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to April 15, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Kansas—Continued.</b>				
Kingman County	Feb. 1-28	11		
Kiowa County	Jan. 1-31	2		
Labette County	Jan. 1-Mar. 31	9		
Parsons	Mar. 1-31	4		
Lane County	Nov. 1-30	1		
Leavenworth County	Dec. 1-Feb. 28	2		
Lincoln County	Mar. 1-31	1		
Logan County	Jan. 1-31	2		
Lyon County	Dec. 1-31	1		
McPherson County	Dec. 1-Jan. 31	3		
Marion County	Mar. 1-31	1		
Marshall County	Dec. 1-31	20		
Miami County	Jan. 1-31	3		
Montgomery County	Nov. 1-Mar. 31	180		
Coffeyville	Jan. 1-Feb. 28	36		
Nemaha County	Jan. 1-31	1		
Neosho County	Jan. 1-31	1		
Ness County	Dec. 1-Mar. 31	15		
Norton County	Nov. 1-Feb. 28	40		
Osage County	Jan. 1-Mar. 31	61		
Osborne County	Mar. 1-31	4		
Phillips County	Jan. 1-Mar. 31	11		
Pottawatomie County	Nov. 1-Mar. 31	36		
Pratt County	Feb. 1-28	1		
Rawlins County	Jan. 1-Mar. 31	25		
Reno County	Nov. 1-Feb. 28	151		
Republic County	Feb. 1-Mar. 28	5		
Rice County	Jan. 1-Feb. 28	8		
Riley County	Jan. 1-Feb. 28	18		
Rooks County	Feb. 1-28	2		
Rush County	Jan. 1-31	5		
Russell County	Jan. 1-Feb. 28	4		
Saline County	Dec. 1-Mar. 31	4		
Scott County	Nov. 1-Feb. 28	19		
Sedgewick County	Dec. 1-Mar. 31	10	1	
Wichita	Jan. 1-31	1		
Shawnee County	Dec. 1-Mar. 31	58		
Topeka	Nov. 1-Mar. 31	72		
Sheridan County	Nov. 1-Jan. 31	8		
Smith County	Jan. 1-Mar. 31	5		
Sumner County	Nov. 1-Mar. 31	14		
Thomas County	Jan. 1-31	1		
Wabaunsee County	Nov. 1-Mar. 31	4		
Wilson County	Nov. 1-Feb. 28	4		
Woodson County	Jan. 1-Feb. 28	28		
Wyandotte County	Dec. 1-Jan. 31	91		
Kansas City	Jan. 1-Mar. 31	76		
Total for State		1,409	2	
<b>Kentucky:</b>				
Hartford	Dec. 12-18	2		
Lexington	Dec. 12-Jan. 29	4		
Paducah	Jan. 5-11	1		
Total for State		7		
<b>Louisiana:</b>				
Caddo Parish—				
Shreveport	Jan. 23-Feb. 28	5	2	
Iberia Parish	Feb. 1-Mar. 31	9		
Natchitoches Parish	Feb. 1-28	6		
Orleans Parish—				
New Orleans	Dec. 26-Apr. 2	117		
Morehouse Parish	Feb. 1-28	2		
St. John Parish	Feb. 1-Mar. 31	44		
St. Tammany Parish	Mar. 1-31	6		
Tensas Parish	Feb. 1-Mar. 31	17		
West Feliciana Parish	Mar. 1-31	2		
Total for State		208	2	
<b>Maryland:</b>				
Baltimore	Dec. 26-Jan. 1	1		
Dorchester County	Dec. 3-31	4		
Garrett County	Jan. 8-31	1		
Total for State		6		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to April 15, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Massachusetts:</b>				
Bristol County.....	Feb. 1-28.....	6		
Essex County.....	Jan. 1-Mar. 31.....	2		
Middlesex County.....	Jan. 1-Mar. 31.....	77		
Norfolk County.....	Mar. 1-31.....	1		
Lynn County.....	Jan. 1-31.....	4		
Plymouth County.....	Feb. 1-28.....	4		
Suffolk County.....	Jan. 1-Mar. 31.....	4		
Worcester County.....	Jan. 1-Mar. 31.....	23		
Total for State.....		121		
<b>Michigan:</b>				
Alcona County.....	Nov. 1-Jan. 31.....	26		
Antrim County.....	Nov. 1-Feb. 28.....	33		
Arenac County.....	Nov. 1-Feb. 28.....	136		
Bay County.....	Nov. 1-Feb. 28.....	83		
Berrien County.....	Jan. 1-Feb. 28.....	21		
Calhoun County.....	Feb. 1-28.....	1		
Cass County.....	Feb. 1-28.....	1		
Clara County.....	Feb. 1-28.....	1		
Delta County.....	Dec. 1-31.....	1		
Eaton County.....	Feb. 1-28.....	1		
Emmet County.....	Nov. 1-Feb. 28.....	4		
Genesee County.....	Nov. 1-Feb. 28.....	264		
Gladwin County.....	Nov. 1-Jan. 31.....	8		
Grafton County.....	Nov. 1-30.....	1		
Houghton County.....	Nov. 1-Feb. 28.....	54		
Huron County.....	Feb. 1-28.....	6		
Ingham County.....	Dec. 1-Feb. 28.....	11		
Ionia County.....	Nov. 1-Feb. 28.....	40		
Iosco County.....	Dec. 1-Feb. 28.....	3	1	
Kent County.....	Dec. 1-Feb. 28.....	5		
Keweenaw County.....	Jan. 1-Feb. 28.....	3		
Lapeer County.....	Nov. 1-Feb. 28.....	7		
Livingston County.....	Nov. 1-Jan. 31.....	18		
Manistee County.....	Feb. 1-28.....	8		
Marquette County.....	Nov. 1-30.....	1		
Mason County.....	Nov. 1-30.....	1		
Meosco County.....	Jan. 1-Feb. 28.....	11		
Midland County.....	Dec. 1-Feb. 28.....	11		
Misaukee County.....	Jan. 1-Feb. 28.....	33		
Montcalm County.....	Nov. 1-Feb. 28.....	5		
Montmorency County.....	Dec. 1-Feb. 28.....	36		
Oakland County.....	Jan. 1-31.....	1		
Oceana County.....	Jan. 1-31.....	1		
Ogemaw County.....	Jan. 1-Feb. 28.....	6		
Ontonagon County.....	Nov. 1-Feb. 28.....	12		
Oscoda County.....	Dec. 1-Feb. 28.....	14		
Oscoda County.....	Jan. 1-Feb. 28.....	7		
Otsego County.....	Dec. 1-31.....	1		
Presque Isle County.....	Dec. 1-Jan. 31.....	2		
Roscommon County.....	Jan. 1-31.....	6		
Saginaw County.....	Dec. 1-Feb. 28.....	53		
St. Clair County.....	Jan. 1-Feb. 28.....	16		
Sanilac County.....	Nov. 1-Feb. 28.....	3		
Shiawassee County.....	Dec. 1-Feb. 28.....	8		
Tuscola County.....	Feb. 1-28.....	3		
Wayne County.....	Dec. 1-Feb. 28.....	8		
Total for State.....		975	1	
<b>Minnesota:</b>				
Anoka County.....	Feb. 1-28.....	5		
Becker County.....	Jan. 4-10.....	3		
Beltrami County.....	Dec. 21-Feb. 14.....	3		
Benton County.....	Dec. 14-20.....	7		
Blue Earth County.....	Dec. 21-27.....	1		
Carver County.....	Dec. 7-Jan. 3.....	4		
Chippewa County.....	Jan. 11-17.....	1		
Chisago County.....	Feb. 15-21.....	2		
Cook County.....	Jan. 25-31.....	2		
Dakota County.....	Feb. 1-28.....	4		
Dodge County.....	Jan. 25-31.....	1		
Faribault County.....	Feb. 8-14.....	1		
Freeborn County.....	Jan. 18-Feb. 28.....	18		
Goodhue County.....	Dec. 28-Jan. 31.....	1		
Hennepin County.....	Dec. 28-Feb. 28.....	38		
Houston County.....	Feb. 8-14.....	4		
Isanti County.....	Feb. 21-28.....	1		
Itasca County.....	Dec. 14-Feb. 28.....	2		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to April 15, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Minnesota—Continued.</b>				
Kandiyohi County	Dec. 7-13.	1		
Koochiching County	Feb. 1-7.	1		
Lake County	Jan. 18-Feb. 28.	8		
Mower County	Dec. 28-Feb. 28.	26		
Nicollet County	Feb. 15-21.	1		
Nobles County	Jan. 18-25.	1		
Norman County	Jan. 18-25.	2		
Olmsted County	Feb. 8-14.	1		
Ottertail County	Dec. 21-Feb. 28.	24		
Pine County	Feb. 22-28.	1		
Polk County	Dec. 7-13.	1		
Ramsey County	Jan. 11-Feb. 28.	6		
Red Lake County	Dec. 7-Feb. 14.	4		
Renville County	Dec. 7-13.	1		
Rice County	Jan. 11-17.	1		
Rock County	Dec. 7-Feb. 21.	22		
Roseau County	Dec. 7-Feb. 28.	32		
St. Louis County	Dec. 7-Feb. 28.	21		
Sherburne County	Jan. 11-17.	1		
Sibley County	Dec. 28-Feb. 28.	9		
Stearns County	Feb. 1-21.	4		
Swift County	Feb. 8-21.	3		
Todd County	Dec. 28-Jan. 31.	1		
Wabasha County	Dec. 13-Feb. 21.	29		
Wadena County	Feb. 1-21.	15		
Wilkin County	Feb. 15-21.	1		
Watonwan County	Dec. 28-Jan. 31.	1		
Wright County	Dec. 7-Feb. 28.	41		
Yellow Medicine County	Feb. 22-28.	9		
Total for State		366		
<b>Mississippi:</b>				
Biloxi	Jan. 2-Feb. 3.	5		
Gulfport	Jan. 26-Mar. 9.	9		
Holly Springs	Jan. 2-29.	6		
Marshall County	Jan. 30-Mar. 5.	4	1	
Natchez	Dec. 26-Feb. 26.	90	2	
Calbarne County— Port Gibson	Dec. 19-25.	1		
Woodville	Feb. 27-Mar. 19.	27	1	
Total for State		142	4	
<b>Missouri:</b>				
Andrew County	Jan. 23-Feb. 26.	5		
Joplin	Jan. 16-22.	1		
Kansas City	Jan. 2-Feb. 19.	16	1	
St. Joseph	Jan. 2-Feb. 5.	7		
St. Louis	Dec. 26-Mar. 26.	25		
Springfield	Jan. 1-31.	4		
Total for State		58	1	
<b>Montana:</b>				
Beaverhead County	Dec. 1-Feb. 28.	5		
Broadwater County	Feb. 1-28.	2		
Carbon County	Jan. 1-31.	1		
Chouteau County	Jan. 1-31.	6		
Custer County	Feb. 1-28.	1		
Dawson County	Nov. 1-Jan. 31.	6		
Deerlodge County	Feb. 1-28.	1		
Flathead County	Oct. 1-Nov. 30.	6		
Gallatin County	Dec. 1-Feb. 28.	3		
Jefferson County	Nov. 1-30.	1		
Lewis and Clark County	Oct. 1-Feb. 28.	31		
Madison County	Jan. 1-Feb. 28.	2		
Meagher County	Feb. 1-28.	2		
Missoula County	Oct. 1-Feb. 28.	73		
Park County	Nov. 1-Jan. 31.	14		
Powell County	Nov. 1-Feb. 28.	2		
Ravalli County	Nov. 1-Feb. 28.	5		
Sanders County	Jan. 1-Feb. 28.	4		
Silverbow County	Oct. 1-Feb. 28.	190		
Butte	Dec. 19-31.	14		
Yellowstone County	Jan. 1-31.	2		
Total for State		371		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to April 15, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Nebraska:</b>				
Lincoln.....	Jan. 1-Feb. 28.....	5		
South Omaha.....	Dec. 5-11.....	3		
Total for State.....		8		
<b>New Hampshire (entire State)...</b>				
	Jan. 1-Feb. 28.....	7		
<b>New Jersey:</b>				
Bergen County.....	Feb. 1-28.....	1		
Hudson County.....	Mar. 1-31.....	1		
Passaic County.....	Jan. 1-31.....	1		
Trenton.....	Jan. 30-Feb. 5.....	1		
Total for State.....		4		
<b>New York (entire State).....</b>				
	Sept. 1-Nov. 30.....	33	1	
Cattaraugus County.....	Dec. 1-31.....	1		
Cayuga County.....	Dec. 1-31.....	1		
Erle County.....	Dec. 1-31.....	17		
Jefferson County.....	Dec. 1-31.....	1		
Lewis County.....	Dec. 1-Jan. 31.....	2		
Niagara County.....	Dec. 1-Jan. 31.....	40		
Oneida County.....	Dec. 1-Jan. 31.....	2		
St. Lawrence County.....	Jan. 1-31.....	9		
Ulster County.....	Jan. 1-31.....	2		
Westchester County.....	Jan. 1-31.....	1		
Total for State.....		109	1	
<b>North Carolina:</b>				
Alamance County.....	Jan. 1-Feb. 28.....	86		
Beaufort County.....	Jan. 1-Feb. 28.....	11		
Bertie County.....	Jan. 1-31.....	6		
Bladen County.....	Nov. 1-Jan. 31.....	21		
Burke County.....	Jan. 1-31.....	20		
Cabarrus County.....	Jan. 1-Feb. 28.....	15		
Caldwell County.....	Jan. 1-Feb. 28.....	31		
Carteret County.....	Jan. 1-Feb. 28.....	3		
Catawba County.....	Oct. 1-Feb. 28.....	62		
Chatham County.....	Jan. 1-31.....	2		
Chowan County.....	Oct. 1-Feb. 28.....	17		
Cleveland County.....	Oct. 1-Feb. 28.....	4		
Craven County.....	Nov. 1-Feb. 28.....	10		
Currituck County.....	Oct. 1-Feb. 28.....	5		
Davidson County.....	Oct. 1-Feb. 28.....	50		
Davie County.....	Jan. 1-Feb. 28.....	29		
Duplin County.....	Nov. 1-Feb. 28.....	24		
Durham County.....	Jan. 1-31.....	3		
Edgecombe County.....	Jan. 1-Feb. 28.....	24		
Forsyth County.....	Oct. 1-Feb. 28.....	101		
Franklin County.....	Oct. 1-Feb. 28.....	185		
Gaston County.....	Nov. 1-Feb. 28.....	26		
Greene County.....	Nov. 1-Feb. 28.....	50		
Guilford County.....	Nov. 1-Feb. 28.....	112		
Iredell County.....	Jan. 1-Feb. 28.....	5		
Johnston County.....	Nov. 1-Jan. 31.....	23		
Jones County.....	Oct. 1-Nov. 30.....	12		
Lee County.....	Feb. 1-28.....	3		
Lenoir County.....	Jan. 1-Feb. 28.....	37		
Lincoln County.....	Jan. 1-Feb. 28.....	8		
McDowell County.....	Nov. 1-Feb. 28.....	75		
Mecklenburg County.....	Nov. 1-Feb. 28.....	102	1	Nov. 1-30, many cases.
Nash County.....	Jan. 1-Feb. 28.....	125		
New Hanover County.....	Feb. 1-28.....	1		
Onslow County.....	Jan. 1-Feb. 28.....	7		
Orange County.....	Feb. 1-28.....	2		
Pamlico County.....	Feb. 1-28.....	40		Jan. 1-31, present.
Perquimans County.....	Jan. 1-31.....	4		
Pitt County.....	Jan. 1-Feb. 28.....	70		
Randolph County.....	Jan. 1-31.....	2		
Richmond County.....	Feb. 1-28.....	1		
Robeson County.....	Oct. 1-Feb. 28.....	19		
Rockingham County.....	Nov. 1-Feb. 28.....	50		
Rowan County.....	Nov. 1-Feb. 28.....	21		
Rutherford County.....	Nov. 1-Feb. 28.....	61		
Sampson County.....	Jan. 1-Feb. 28.....	3		
Stokes County.....	Jan. 1-Feb. 28.....	160		
Surry County.....	Oct. 1-Feb. 28.....	16		
Union County.....	Oct. 1-Feb. 28.....	66		
Wake County.....	Nov. 1-Feb. 28.....	61		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to April 15, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>North Carolina—Continued.</b>				
Washington County.....	Feb. 1-28.....	2		
Wayne County.....	Nov. 1-Feb. 28.....	28		
Wilkes County.....	Jan. 1-Feb. 28.....	39		
Wilson County.....	Nov. 1-Feb. 28.....	224		
Yadkin County.....	Oct. 1-Feb. 28.....	11		
Yancey County.....	Oct. 1-Feb. 28.....	35		
Total for State.....		2,210	1	
<b>North Dakota:</b>				
Billings County.....	Jan. 1-Feb. 28.....	11		
Bottineau County.....	Oct. 1-31.....	1		
Cass County.....	Dec. 1-31.....	1		
Grand Forks County.....	Jan. 1-Feb. 28.....	2		
McLean County.....	Dec. 1-Jan. 31.....	4		
Nelson County.....	Feb. 1-28.....	12		
Steele County.....	Feb. 1-28.....	6		
Williams County.....	Feb. 1-28.....	6		
Walsh County.....	Jan. 1-31.....	39		
Total for State.....		82		
<b>Ohio:</b>				
Allen County.....	Jan. 1-Mar. 31.....	37		
Adams County.....	Jan. 1-31.....	1		
Auglaize County.....	Feb. 1-Mar. 31.....	19		
Belmont County.....	Jan. 1-Feb. 28.....	7		
Brown County.....	Jan. 1-Feb. 28.....	19		
Clark County.....	Mar. 1-31.....	1		
Clermont County.....	Jan. 1-31.....	1		
Cuyahoga County— Cleveland.....	Dec. 19-28.....	1		
Darke County.....	Jan. 1-31.....	3		
Franklin County.....	Jan. 1-Feb. 28.....	7		
Hamilton County.....	Jan. 1-Mar. 31.....	3		
Jackson County.....	Jan. 1-Feb. 28.....	36		
Knox County.....	Feb. 1-28.....	1		
Miami County.....	Jan. 1-Feb. 28.....	2		
Montgomery County.....	Jan. 1-Mar. 31.....	2		
Paulding County.....	Mar. 1-31.....	1		
Portage County.....	Feb. 1-Mar. 31.....	30		
Richland County.....	Mar. 1-31.....	1		
Ross County.....	Jan. 1-Mar. 31.....	17		
Scioto County.....	Feb. 1-Mar. 31.....	4		
Seneca County.....	Feb. 1-28.....	3		
Shelby County.....	Jan. 1-Feb. 28.....	7		
Van Wert County.....	Jan. 1-Mar. 31.....	37		
Wayne County.....	Jan. 1-31.....	1		
Williams County— Stryker.....	Dec. 19-25.....	1		
Wyandot County.....	Feb. 1-28.....	4		
Total for State.....		249		
<b>Oklahoma, general.</b>				
Beckham County.....	Feb. 1-28.....	388	28	
Blaine County.....	Nov. 1-30.....	1		
Coal County.....	Dec. 1-31.....	7		
Comanche County.....	Aug. 1-Sept. 30.....	10		
Creek County.....	Nov. 1-30.....	1		
Garfield County.....	Oct. 1-Nov. 30.....	3		
Grant County.....	Nov. 1-30.....	1		
Harmon County.....	Aug. 1-31.....	1		
Hughes County.....	Aug. 1-31.....	2		
Jackson County.....	Aug. 1-31.....	3		
Kingfisher County.....	Aug. 1-Nov. 30.....	19		
Le Flore County.....	Oct. 1-31.....	2		
Lincoln County.....	Oct. 1-31.....	1		
McIntosh County.....	Oct. 1-31.....	1		
Marshall County.....	Aug. 1-31.....	3		
McIntosh County.....	Sept. 1-30.....	2		
Marshall County.....	Oct. 1-31.....	1		
Muskogee County.....	Oct. 1-31.....	1		
Okfuskee County.....	Oct. 1-31.....	1		
Oklahoma County.....	Aug., Sept., and Nov.....	14	1	
Osage County.....	Sept. 1-Oct. 31.....	9		
Pawnee County.....	Aug. 1-31.....	1		
Pottawatomie County.....	Sept. 1-Nov. 30.....	41		
Pushmataha County.....	Sept. 1-30.....	1		
Seminole County.....	Oct. 1-Nov. 30.....	7		
Sequoyah County.....	Aug. 1-Sept. 30.....	2		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to April 15, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Oklahoma—Continued.</b>				
Tulsa County.....	Nov. 1-30.....	3		
Washington County.....	Nov. 1-30.....	1		
Woodward County.....	Nov. 1-30.....	1		
Total for State.....		527	29	
<b>Oregon (entire State).....</b>				
Portland.....	Sept. 1-Feb. 28.....	118		
	Nov. 1-30.....	2		
Total for State.....		120		
<b>Pennsylvania (entire State)....</b>				
	Dec. 1-Feb. 28....	57		
<b>South Carolina:</b>				
Clover.....	Jan. 23-29.....	3		
Total for State.....		3		
<b>Tennessee:</b>				
Davidson County—				
Nashville.....	Feb. 20-Mar. 19.....	4		
DeKalb County.....	Dec. 12-Jan. 26....	10		
Hamilton County—				
Chattanooga.....	Dec. 26-Apr. 2.....	65		
Knox County—				
Knoxville.....	Jan. 2-Apr. 2.....	48		
Shelby County.....	Nov. 1-Jan. 31.....	28		
Memphis.....	Nov. 1-Mar. 26.....	177		
Washington County.....	Dec. 26-Feb. 5.....	11		
Total for State.....		343		
<b>Texas:</b>				
Amarillo.....	Jan. 16-22.....	16		
Atascosa County.....	Jan. 31-Feb. 19.....	6		
Denton County.....	Dec. 26-Feb. 27.....	106	15	
El Paso.....	Nov. 1-Jan. 22.....	5	1	
Fort Prairie.....	Apr. 1.....			Present.
Fort Worth.....	Nov. 1-Apr. 2.....	108	6	
Galveston.....	Feb. 6-Mar. 19.....	5	1	
Hale County.....	Jan. 9-15.....	7		
Normanna.....	Jan. 1-31.....	12	5	
Rockdale.....	Feb. 13-19.....	3		
San Antonio.....	Dec. 5-Apr. 2.....	34	1	
Taylor.....	Feb. 27-Mar. 19.....	2		
Waco.....	Jan. 1-Feb. 28.....	3		
Walnut Springs.....	Jan. 12-18.....	2		
Wills Point.....	Jan. 1-Mar. 31.....	6	2	
Total for State.....		315	31	
<b>Utah:</b>				
Boxelder County.....	Dec. 1-Feb. 28.....	49		
Cache County.....	Dec. 1-Feb. 28.....	22		
Carbon County.....	Dec. 1-Jan. 31.....	6		
Davis County.....	Dec. 1-Feb. 28.....	44		
Juab County.....	Jan. 1-Feb. 28.....	20		
Plute County.....	Dec. 1-31.....	1		
Rich County.....	Jan. 1-Feb. 28.....	2		
Salt Lake County.....	Dec. 1-Feb. 28.....	90		
Sanpete County.....	Dec. 1-Feb. 28.....	10		
Sevier County.....	Dec. 1-Feb. 28.....	8		
Summit County.....	Jan. 1-31.....	12		
Tooele County.....	Dec. 1-31.....	1		
Uintah County.....	Dec. 1-Feb. 28.....	30		
Utah County.....	Dec. 1-Feb. 28.....	87		
Wasatch County.....	Dec. 1-Feb. 28.....	10	1	
Weber County.....	Dec. 1-Feb. 28.....	36		
Total for State.....		428	1	
<b>Virginia:</b>				
Lynchburg.....	Jan. 30-Apr. 2.....	49	1	
Petersburg.....	Dec. 26-Jan. 26.....	2		
Portsmouth.....	Jan. 16-29.....	2		
Richmond.....	Dec. 1-31.....	1		
Total for State.....		54	1	



## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to April 15, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Washington:</b>				
Asotin County.....	Jan. 1-31.....	1		
Chelan County.....	Feb. 1-28.....	1		
Columbia County.....	Feb. 1-28.....	4		
Cowlitz County.....	Feb. 1-28.....	2		
Franklin County.....	Jan. 1-31.....	2		
King County.....	Jan. 1-31.....	5		
Seattle.....	Jan. 2-31.....	7		
Kitsap County.....	Jan. 1-Feb. 28.....	4	1	
Klickitat County.....	Jan. 1-31.....	15		
Lewis County.....	Jan. 1-31.....	2		
Lincoln County.....	Jan. 1-31.....	1		
Okanogan County.....	Feb. 1-28.....	2		
Pierce County.....	Jan. 1-31.....	1		
Tacoma.....	Jan. 2-Feb. 28.....	4		
San Juan County.....	Jan. 1-31.....	1		
Skagit County.....	Jan. 1-Feb. 28.....	31		
Spokane County.....	Jan. 1-31.....	2		
Spokane.....	Dec. 19-Feb. 28.....	57		
Stevens County.....	Jan. 1-31.....	3		
Walla Walla County.....	Jan. 1-Feb. 28.....	29		
Whatecom County—				
Bellingham.....	Feb. 1-28.....	3	1	
Wahkiakum County.....	Dec. 1-31.....	8		
Whitman County.....	Jan. 1-Feb. 28.....	21		
Yakima County.....	Jan. 1-31.....	6		
Total for State.....		212	2	
<b>West Virginia:</b>				
Berkeley Springs.....	Dec. 27-Feb. 17.....	6		
Wheeling.....	Jan. 30-Feb. 5.....	1		
Total for State.....		7		
<b>Wisconsin:</b>				
Buffalo County.....	Feb. 1-28.....	3		
Chippewa County.....	Jan. 1-31.....	3		
Clark County.....	Jan. 1-Feb. 28.....	14		
Crawford County.....	Feb. 1-28.....	7		
Dane County.....	Feb. 1-28.....	1		
Douglas County.....	Jan. 1-Feb. 28.....	13		
Superior.....	Dec. 19-Jan. 1.....	6		
Grant County.....	Feb. 1-28.....	1		
Jefferson County.....	Jan. 1-Feb. 28.....	19		
Juneau County.....	Jan. 1-31.....	1		
La Crosse County.....	Jan. 1-Feb. 28.....	14		
La Crosse.....	Dec. 19-Jan. 1.....	2		
Langlade County.....	Jan. 1-Feb. 28.....	3		
Milwaukee County.....	Jan. 1-Feb. 28.....	19		
Milwaukee.....	Dec. 19-Jan. 1.....	2		
Price County.....	Feb. 1-28.....	1		
Walworth County.....	Feb. 1-28.....	1		
Winnebago County.....	Jan. 1-31.....	2		
Total for State.....		112		
Grand total for the United States.....		10,741	80	

## MORBIDITY AND MORTALITY.

## WEEKLY MORBIDITY AND MORTALITY TABLE, CITIES OF THE UNITED STATES.

[For smallpox see special tables.]

Cities.	Week ended—	Estimated population, 1909.	Total deaths from all causes.	Tuberculosis.		Typhoid fever.		Scarlet fever.		Diphtheria.		Measles.		Whooping cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Altoona, Pa.	Apr. 9	50,814	15	1	...	1	...	...	...	2	1	5	...	...	...
Ann Arbor, Mich.	Apr. 2	14,711	7	...	...	...	...	...	...	...	...	...	...	...	...
Ashtabula, Ohio.	Apr. 9	16,648	6	...	...	...	...	...	...	...	...	...	...	...	...
Baltimore, Md.	do	576,023	194	60	37	8	...	36	1	13	...	46	...	12	2
Bath, Me.	do	12,055	...	...	...	...	...	...	...	1	1	...	...	...	...
Bayonne, N. J.	do	49,894	...	1	...	...	...	5	...	...	...	3	...	...	...
Beaver Falls, Pa.	do	10,341	0	...	...	...	...	...	...	1	...	1	...	...	...
Bideford, Me.	do	17,676	27	2	2	...	...	...	...	...	...	...	...	...	...
Binghamton, N. Y.	do	45,855	13	1	2	1	...	1	...	1	...	9	...	...	...
Boston, Mass.	do	622,970	275	65	24	5	...	33	2	42	4	134	1	5	1
Braddock, Pa.	do	21,000	6	2	...	...	...	2	...	3	...	...	...	...	...
Bridgeport, Conn.	do	90,913	30	3	...	2	...	12	...	3	...	2	...	1	...
Brockton, Mass.	do	53,978	21	7	1	1	...	2	...	...	...	...	...	...	...
Butler, Pa.	Apr. 2	12,760	5	1	2	1	...	1	...	...	...	11	...	...	...
Butte, Mont.	do	49,892	11	...	3	...	...	8	...	2	...	...	...	...	...
Do.	Apr. 9	...	12	...	2	...	...	4	...	...	...	...	...	...	...
Cambridge, Ohio.	do	11,733	0	...	...	...	...	...	...	...	...	18	...	...	...
Camden, N. J.	do	89,305	26	1	3	...	...	2	...	5	4	...	...	...	1
Cambridge, Mass.	do	101,872	42	9	3	1	...	5	...	10	...	6	...	...	...
Carbonade, Pa.	do	15,698	9	...	...	...	...	2	1	...	...	2	...	...	...
Charlotte, N. C.	do	35,101	5	1	1	...	...	...	...	...	...	2	...	...	...
Chelsea, Mass.	do	39,882	16	3	...	...	...	1	...	1	1	1	...	...	...
Chicago, Ill.	do	2,224,491	662	115	95	15	8	134	11	122	10	456	4	82	7
Chicopee, Mass.	do	20,010	9	...	1	...	...	...	...	...	...	1	...	...	...
Clinton, Mass.	do	12,656	3	...	...	1	...	...	...	...	...	...	...	...	...
Cincinnati, Ohio.	do	351,212	121	34	19	1	...	7	...	6	...	204	3	16	1
Columbus, Ga.	do	17,893	5	...	...	...	...	...	...	...	...	...	...	...	...
Concord, N. H.	Apr. 2	12,997	12	...	...	...	...	...	...	...	...	...	...	...	...
Covington, Ky.	Apr. 9	51,715	19	...	1	1	...	...	...	1	...	7	...	...	...
Danville, Ill.	do	27,387	3	2	2	...	...	1	...	...	...	52	...	...	...
Dayton, Ohio.	do	106,688	37	4	4	...	...	4	...	...	...	2	...	...	...
Duluth, Minn.	do	74,520	16	4	2	...	...	21	1	1	1	12	...	...	...
Dunkirk, N. Y.	do	18,061	5	3	...	...	...	...	...	...	...	20	...	1	...
Elizabeth, N. J.	do	67,470	20	...	8	...	...	18	...	4	...	12	...	...	1
Elmira, N. Y.	do	35,765	9	15	1	1	...	2	...	3	...	2	...	...	...
erie, Pa.	Apr. 2	63,682	21	2	3	14	...	6	...	1	...	5	...	...	...
Do.	Apr. 9	...	19	5	1	11	2	1	...	1	...	15	...	1	...
Evansville, Ind.	do	66,946	21	1	...	5	1	1	...	...	...	12	...	...	...
Everett, Mass.	do	32,931	9	5	...	...	...	4	...	2	...	1	...	...	...
Freeport, Ill.	do	19,200	4	...	...	...	...	...	...	...	...	...	...	...	...
Galesburg, Ill.	do	21,615	8	...	...	...	...	...	...	...	...	...	...	...	...
Gloucester, Mass.	do	25,923	8	...	2	...	...	...	...	...	...	...	...	...	...
Grand Rapids, Mich.	do	105,909	34	3	3	3	2	...	...	...	...	13	...	2	...
Harrison, N. J.	do	14,604	3	...	...	...	...	1	...	...	...	...	...	...	...
Haverhill, Mass.	do	38,354	18	6	2	...	...	4	...	4	...	18	...	4	1
Hyde Park, Mass.	do	15,522	7	...	...	...	...	...	...	...	...	...	...	...	...
Indianapolis, Ind.	Apr. 2	241,826	99	5	6	4	1	23	1	3	...	318	2	51	1
Do.	Apr. 9	...	80	6	7	3	...	13	2	5	1	381	...	12	1
Jacksonville, Fla.	do	40,796	20	...	...	...	...	...	...	...	...	...	...	...	...
Jersey City, N. J.	Apr. 10	253,711	93	9	...	...	...	1	...	1	...	...	...	...	...
Kalamazoo, Mich.	Mar. 26	36,504	21	2	1	1	1	14	...	...	...	...	...	...	...
Do.	Apr. 2	...	16	10	4	2	...	11	...	...	...	...	...	...	...
Do.	Apr. 9	...	17	1	...	...	...	4	...	...	...	3	...	...	...
Kansas City, Kans.	do	85,742	34	1	3	2	3	10	1	6	...	39	...	...	...
Kearney, N. J.	do	15,765	5	...	...	...	...	...	...	...	...	2	...	...	...
Kingston, N. Y.	do	26,110	8	...	...	...	...	...	...	...	...	...	...	...	...
Knoxville, Tenn.	do	37,758	14	...	3	...	...	...	...	...	...	3	...	...	1
La Crosse, Wis.	do	29,224	3	...	...	...	...	...	...	1	...	2	...	...	...
La Fayette, Ind.	do	19,801	6	...	1	...	...	...	...	...	...	20	...	...	...
Lancaster, Pa.	do	49,962	4	...	...	...	...	5	...	...	...	22	...	...	...
Lawrence, Mass.	do	76,042	26	2	1	2	1	7	...	3	...	45	...	...	...
Lebanon, Pa.	do	20,285	7	...	...	...	...	1	...	...	...	...	...	...	...
Lexington, Ky.	do	30,680	13	1	3	...	...	...	...	...	...	17	...	...	...
Los Angeles, Cal.	Apr. 2	103,000	95	29	19	3	1	12	...	4	1	312	...	2	...
Lowell, Mass.	Apr. 9	95,125	32	1	2	2	...	3	...	3	...	47	...	...	...
Lynn, Mass.	do	83,965	23	3	3	1	...	6	...	1	...	11	...	...	...
Lynchburg, Va.	do	29,457	5	...	...	...	...	...	...	...	...	8	...	...	...
Malden, Mass.	do	41,535	11	2	1	...	...	7	1	2	...	1	...	...	...

• Population 1900. No estimate 1909.

## MORBIDITY AND MORTALITY—Continued.

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

Cities.	Week ended—	Esti- mated popu- lation, 1909,	Total deaths from all causes.	Tuber- culosis.		Ty- phoid fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Manchester, N. H.	Apr. 9	68,561	26	1	1					3		11		4	
Manistee, Mich.	do.	10,788						1							
Manitowoc, Wis.	do.	13,490	2	1	1			1				13			
Mansfield, Ohio.	do.	21,390						2							
Marquette, Wis.	do.	14,682	2												
Marlboro, Mass.	do.	14,444	1					1		1		59			
Massillon, Ohio.	do.	13,610	4					1				13	1		
Medford, Mass.	do.	20,839	3			2						22			
Memphis, Tenn.	Apr. 2	136,363	49	3	6	7		1		1					
Melrose, Mass.	do.	15,361	6	1	2			1							
Milwaukee, Wis.	Apr. 9	332,459	101	29	11	48	2	46	2	11		91	2	16	1
Moline, Ill.	do.	23,081	5					2	1	1		1			
Mobile, Ala.	Apr. 2	45,122	12												
Montclair, N. J.	Apr. 9	18,296	8	2	1			1				17		1	
Montgomery, Ala.	do.	43,927	15	1	3										
Monticello, Ind.	do.		2									5			
Morristown, N. J.	Apr. 2	12,849	4	1								4			
Do.	Apr. 9		5			1		2		3		3			
Mount Vernon, N. Y.	do.	27,891	8					4	1	4		1			
Muskegon, Mich.	do.	20,995		4				1		1					
Nanticoke, Pa.	Apr. 10		4							1					
Nashville, Tenn.	Apr. 9	106,476	1	5	6	1	1	1				3			
Nebraska City, Nebr.	do.											8			
Newark, N. J.	do.	306,669	132	19	22	2		56		34	1	3		1	
New Bedford, Mass.	do.	83,898	43	4	1	2		1	1	3		29			
Newburyport, Mass.	do.	14,832	3									76			
New Orleans, La.	do.	327,662	132	50	22	3		34	2	13		151	3		
Newport, Ky.	do.	31,345	12				1								
New York, N. Y.	do.	4,450,963	1,737	738	193	36	6	816	3	40	498	46	1,534	36	45
Niagara Falls, N. Y.	do.	32,012	9	1				1		1		20			
Norristown, Pa.	do.	24,491	2	3		1				1		1			
North Adams, Mass.	do.	20,510	8			1		1							
Northampton, Mass.	do.	21,008	12									1			
North Weymouth, Mass.	Apr. 2	11,793	0												
Do.	Apr. 9		0	1											
Oakland, Cal.	Apr. 2	a 73,812	46	1	9			2		2	1	9			
Orange, N. J.	Apr. 9	27,699	9	4	3	1		3		1		9			
Palmer, Mass.	do.		6							1					
Philadelphia, Pa.	do.	1,491,062	112	63	18	5		43	4	78	9	83	3	33	6
Pittsburg, Pa.	Apr. 2	558,123	209	27	21	14	7	16		6		161	5	31	1
Plainfield, N. J.	Apr. 9	20,947	6	1	1			2		1		1			
Plymouth, Pa.	do.	17,524						1		1		5			
Pontiac, Mich.	Mar. 26	12,819	7	16		2		4		4		2			
Do.	Apr. 2		11	16				3		3		3			
Portsmouth, N. H.	Apr. 9	11,336	0												
Pottstown, Pa.	do.	14,065	3			4				3		45	1		
Providence, R. I.	do.	217,065	61	6	5	3		13		15	1	15			
Racine, Wis.	do.	34,840	7		1			1							
Reading, Pa.	Apr. 11	97,231	42		1	3		1		1		63		8	
Rock Island, Ill.	Apr. 9	24,766	3		1	2				1					
San Francisco, Cal.	Apr. 2	b 342,782	138	36	19	6		5		14	1	47	1	12	
St. Louis, Mo.	Apr. 9	686,369	202	68	35	4		87	4	32	1	55		26	
Seattle, Wash.	Apr. 2	b 104,169	50	1	9	3		10		2		13		12	
Schenectady, N. Y.	do.	73,037	23	8				4		2	1	19			
Do.	Apr. 9		19	2	1			4		3		12	1		
Somerville, Mass.	do.	75,375	17	8		3				1		8			
South Bend, Ind.	Mar. 31	49,321	104	1	9	1		49	2	8		4		3	
South Bethlehem, Pa.	do.	15,886	5	1		1		1		2	1	12			
Spokane, Wash.	Apr. 2	b 47,006	20		2			5		7		24			
Springfield, Mass.	Apr. 9	82,724	38	1	1	2		2		2		26		4	
Springfield, Ohio.	do.	43,975	11	3								7			
Steelton, Pa.	do.	14,769	3	4		1		4						2	
Superior, Wis.	do.	40,919	13					7	1	5	1				
Taunton, Mass.	do.	30,926	17	2				1		1					
Terre Haute, Ind.	do.	55,509	16		2	1	2	5		1		158	2	1	
Titusville, Pa.	do.	8,397	1									1			
Trenton, N. J.	do.	92,878	7	6	5	6		14	1	5	1				
Utica, N. Y.	do.	69,458	29	2	4					1		19	3	3	
Waltham, Mass.	do.	28,522	14	3				3		1					

a Estimate of population, 1900. No estimate 1909.

b Estimated population, 1906. No estimate, 1909.

## MORBIDITY AND MORTALITY—Continued.

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

Cities.	Week ended—	Esti- mated popu- lation, 1909.	Total deaths from all causes.	Tuber- culosis.		Ty- phoid fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Warren, Pa.....	Apr. 4	11,838	4	2	1	2	1	2	1	1	1	19	5	5	1
Washington, D. C....	Apr. 9	322,212	124	42	16	6	1	19	5	1	1	10	18	18	1
West Newton, Mass....	do.	39,419	10	2	2	3	2	3	2	1	1	6	1	1	1
Wheeling, W. Va.....	Apr. 2	42,799	15	2	2	3	2	3	2	1	1	1	1	1	1
Do.....	Apr. 9	14	4	2	1	3	2	3	2	1	1	1	1	1	1
Wichita, Kans.....	do.	39,612	20	2	2	1	1	1	1	1	1	26	1	2	1
Wilkinsburg, Pa.....	do.	19,999	6	1	1	1	1	1	1	1	1	3	2	2	1
Williamsport, Pa.....	do.	30,220	11	3	2	5	2	5	2	2	1	45	2	1	1
Wilmington, Del.....	do.	88,980	25	3	2	2	2	2	2	1	1	2	2	3	1
Woburn, Mass.....	Apr. 7	14,320	5	1	3	7	1	7	1	3	1	25	1	1	1
Worcester, Mass.....	Apr. 2	135,906	52	1	3	7	1	7	1	3	1	25	1	3	1
York, Pa.....	Apr. 9	41,895	12	2	10	2	2	2	2	2	1	1	1	1	1
Zanesville, Ohio.....	do.	25,614	12	2	10	2	2	2	2	2	1	1	1	1	1

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

CALIFORNIA—*San Francisco and county*.—Month of February, 1910. Population, 475,000. Total number of deaths from all causes 502, including typhoid fever 2, measles 2, diphtheria 3, tuberculosis 63. Cases reported: Smallpox 10, typhoid fever 17, measles 96, scarlet fever 60, diphtheria 79, tuberculosis 124.

FLORIDA.—Week ended April 9, 1910. Reports from the state board of health show typhoid fever present at 3 localities with 3 cases, smallpox in 3 counties with 24 cases, tuberculosis at 9 localities with 9 cases.

Tampa.—Month of March, 1910. Population, 15,839. Total number of deaths from all causes 31, including typhoid fever 2, tuberculosis 5. Cases reported: Typhoid fever 1, measles 4, diphtheria 2, tuberculosis 2.

ILLINOIS—*Alton*.—Month of March, 1910. Population, 22,000. Total number of deaths from all causes 19, including tuberculosis 1. Cases reported: Scarlet fever, 4, diphtheria 1.

INDIANA—*Muncie*.—Month of March, 1910. Population, 31,692. Total number of deaths from all causes 32, including measles 1, diphtheria 1, tuberculosis 4. Cases reported: Measles 247, scarlet fever 4, diphtheria 4.

KENTUCKY—*Henderson*.—Month of March, 1910. Population, 17,800. Total number of deaths from all causes 15, including tuberculosis 3. Cases reported: Typhoid fever 1, measles 11, scarlet fever 3, tuberculosis 1.

LOUISIANA—*Shreveport*.—Month of March, 1910. Population, 30,000. Total number of deaths from all causes, 62 (resident 35, non-

resident 27), including typhoid fever 1, tuberculosis 11 (residents 4, nonresidents 7).

MARYLAND.—Month of January, 1910. Population, 1,319,132. Total number of deaths from all causes, 978, including typhoid fever 24, measles 5, scarlet fever 3, diphtheria 6, tuberculosis 115. Cases reported: Typhoid fever 52, measles 438, scarlet fever 62, diphtheria 53. The typhoid fever cases were distributed as follows: Potomac River watershed 13 cases, Patapsco River watershed 2 cases, Patuxent River watershed 2 cases, Herring Run watershed, Baltimore County, 1 case.

MINNESOTA—*St. Paul*.—Month of January, 1910. Population, 235,000. Total number of deaths from all causes, 229, including typhoid fever 1, measles 1, scarlet fever 6, diphtheria 10, tuberculosis 22. Cases reported: Smallpox 3, measles 145, scarlet fever 138, diphtheria 104.

SOUTH CAROLINA—*Charleston*.—Month of March, 1910. Population, 57,593. Total number of deaths from all causes, 115, including measles 1, diphtheria 1, tuberculosis 12. Cases reported: Smallpox 1, scarlet fever 2, diphtheria 4.

TEXAS—*Waco*.—Month of March, 1910. Population, 30,000. Total number of deaths from all causes, 50, including typhoid fever 1, tuberculosis 2. Cases reported: Typhoid fever 1, scarlet fever 6, diphtheria 3.

VIRGINIA—*Charlottesville*.—Month of March, 1910. Population, 45,455. Total number of deaths from all causes, 7, including scarlet fever 1. Cases reported: Scarlet fever 4, diphtheria 1, tuberculosis 4.

*Richmond*.—Month of January, 1910. Population, 112,467 (white 71,158, colored 41,309). Total number of deaths from all causes, 270 (white 147, colored 123), including diphtheria 4, tuberculosis 42 (white 22, colored 20). Cases reported: Typhoid fever 20, smallpox 2, measles 3, scarlet fever 5, diphtheria 22.

Month of February, 1910. Total number of deaths, 221 (white 118, colored 103), including typhoid fever 1, diphtheria 2, tuberculosis 27 (white 15, colored 12). Cases reported: Typhoid fever 7, smallpox 4, measles 14, scarlet fever 5, diphtheria 15.

# FOREIGN AND INSULAR.

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## BAHAMAS.

### NASSAU—Case of Smallpox from Steamship *Vigilancia*.

Vice-Consul Menendez reports, April 5, that a case of smallpox and 2 contacts were landed from the steamship *Vigilancia*, from Tampico, which left Nassau for New York March 29. The case and contacts were isolated at the quarantine station.

## CHINA.

### AMOY—Smallpox and Typhus Fever.

Acting Assistant Surgeon Moorhead reports, March 2 and 9:

Week ended February 26. One death from smallpox and 1 from typhus fever were reported in the international settlement of Kulangsu. Week ended March 5. Four deaths from smallpox were reported in Kulangsu. The 10 deaths reported in Kulangsu during the months of January and February all occurred among children. The Chinese population of the settlement is estimated at 9,000. Smallpox is reported epidemic in the district of Chang Chiu.

### Plague in Amoy.

The following information was received from the Department of State April 15:

The American consul at Amoy reports plague.

### HONGKONG—Smallpox—Inspection and Disinfection of Vessels.

Passed Assistant Surgeon Foster reports, March 9:

Week ended March 5. Restrictions enforced by and against Hongkong remain as reported February 26.

One case of smallpox was reported during the week.

### INSPECTION AND DISINFECTION OF VESSELS.

#### *Week ended March 5.*

Vessels granted bills of health.....	10
Total members of crews.....	876
Total cabin passengers.....	243
Total steerage passengers.....	207
Members of crews bathed.....	698
Steerage passengers bathed.....	210
Pieces of baggage disinfected.....	900
Vessels disinfected to kill rats.....	1
Crews' quarters disinfected:	
With formaldehyde.....	1
With sulphur.....	8

**CUBA.****CIENFUEGOS—Inspection of Vessels.**

Acting Assistant Surgeon Suarez reports, April 5:

Week ended April 2. Vessels inspected, 10; bills of health issued, 10; members of crews of outgoing vessels inspected, 248.  
No quarantinable disease reported.

**HABANA—Inspection of Vessels.**

Passed Assistant Surgeon de Valin reports, April 12:

Week ended April 9. Bills of health issued, 28; vessels inspected, 24; members of crews of outgoing vessels inspected, 2,099; passengers of outgoing vessels inspected, 1,149.

The department of sanitation reports 20,191 houses inspected and 8,759 water deposits petrolized or suppressed during the 10 days ended March 31.

No quarantinable disease was reported.

**MATANZAS—Inspection of Vessels.**

Acting Assistant Surgeon Nuñez reports, April 5 and 11:

Week ended April 2. Bills of health granted to 8 vessels bound for the United States. Week ended April 9. Bills of health granted to 6 vessels bound for the United States. No quarantinable disease was reported.

The department of sanitation reported for the 10 days ended March 31 the inspection of 4,170 houses.

**SANTIAGO—Inspection of Vessels.**

Acting Assistant Surgeon Wilson reports, April 5 and 7:

Week ended March 26. Bills of health issued to 5 vessels bound for the United States and its dependencies.

The department of sanitation reports 3,035 houses inspected during the week.

Week ended April 2. Bills of health issued to 8 vessels leaving for ports in the United States. The department of sanitation reports the inspection of 2,979 houses.

**ECUADOR.****GUAYAQUIL—Plague and Yellow Fever.**

Passed Assistant Surgeon Parker reports, March 20 and 27:

*Two weeks ended March 15.*

[Report received from the director of health.]

Disease.	Locality.	Previously reported.	New cases.	Cured.	Died.	Remaining.
Plague.....	Guayaquil.....	18	12	14	3	13
	Milagro.....	6	2	3	2	3
Yellow fever.....	Guayaquil.....	7	20	15	9	3
	Babahoyo.....		1		1	

This report shows a further decrease of 3 in the number of plague cases and a decrease of 8 in the number of yellow fever cases as compared with the previous semimonthly report.

During the period covered by this report there were 162 deaths from all causes in the city of Guayaquil, an increase of 21 as compared with the previous semimonthly report and a decrease of 25 as compared with the same period of the past year.

*Summary of sanitary work, March 1 to 15.*—Houses fumigated, 18; houses disinfected, 228; premises cleaned, 70; lining of walls destroyed, 18; vessels fumigated, 118; pieces of baggage fumigated, 281; pieces of clothing disinfected, 2,098; rats trapped, 1,561.

*Inspection and fumigation of vessels.*—Week ended March 19. Bills of health issued, 3; vessels fumigated, 3; members of crews inspected, 223; cabin passengers inspected, 49; steerage passengers inspected, 35; pieces of baggage fumigated, 75; pieces of baggage inspected and passed, 55; certificates for hides issued, 2; certificates for cotton issued, 1.

During the week ended March 26 there were no transactions.

#### HAWAII.

##### HONOLULU—Plague-prevention Work.

The last case of human plague occurred at Honolulu, July 17, 1907. The last plague-infected rat was found at Aiea, 9 miles from Honolulu, April 13, 1910.

Passed Assistant Surgeon Ramus reports:

##### *Week ended March 26, 1910.*

Total rats taken.....	569
Trapped.....	479
Found dead ( <i>mus rattus</i> ).....	1
Killed by sulphur dioxide.....	89
Examined bacteriologically.....	440
Plague rats.....	0
Classification of rats trapped:	
<i>Mus alexandrinus</i> .....	82
<i>Mus musculus</i> .....	185
<i>Mus norvegicus</i> .....	37
<i>Mus rattus</i> .....	175
Classification of rats killed by sulphur dioxide:	
<i>Mus alexandrinus</i> .....	24
<i>Mus norvegicus</i> .....	1
<i>Mus rattus</i> .....	64
Average number of traps set daily.....	1,338

April 13. A plague-infected rat was found at Aiea, 9 miles from Honolulu.

##### Status of Plague on Island of Hawaii.

March 27. The total number of plague deaths at Hilo, Hawaii, since March 12, is 4, and at Honokaa, a support about 60 miles from Hilo, 2. All the Hilo cases have occurred among Japanese. The 2 deaths at Honokaa were of children of a white family, girls aged, respectively, 5 and 13 years. The infection in their cases was axillary. The father of the children owns a large store the supplies for which all come by boat from Hilo. A plague-infected rat was found at



Honokaa March 16. Two infected rats were found at Hilo March 23. Infected and suspicious districts are strictly quarantined. Measures are being enforced to prevent the spread of plague by means of inter-island traffic.

A report of March 28 states that the last case of human plague at Hilo occurred March 23, 1910, and that the last plague-infected rat was found March 26, 1910.

#### Diphtheria Among Immigrants.

On February 23 Doctor Ramus reported that he had received at the quarantine station 315 Russian immigrants from the steamship *Mongolia* on account of a case of diphtheria that developed among them two days after arrival, and on February 25 he reported the arrival of the steamship *Tenyo Maru* from Japanese ports with 1 case of diphtheria among the 70 Russians landed, and that at the request of the governor of Hawaii he had removed the 69 contacts to the quarantine station. On March 7 the steamship *Korea* arrived from the Orient with 54 cases of diphtheria among the Russian immigrants. The immigrants, 249 in number, were quartered at the quarantine station where 89 cases of diphtheria had developed among the two groups of immigrants previously received. The situation was considered so grave that the governor ordered a company of the national guard for duty at the quarantine station to assist in handling the 600 immigrants held in detention. On March 6 a case of diphtheria occurred on the revenue cutter *Thetis* and the patient was removed to the station. On March 26 the steamship *Siberia*, from the Orient, brought a case of diphtheria which had developed among immigrants. The total number of immigrants in detention at the quarantine station March 27 was 800. Disinfection of bedding and effects has been carried out.

Acting Assistant Surgeon Smith at Kobe, Japan, had reported, February 16 and 23, an outbreak of diphtheria, with 5 cases and 1 death, among Russian emigrants, at Ono detention station at Kobe. The cases had been removed to the isolation hospital.

#### Smallpox on U. S. S. Albatross.

Doctor Ramus reports, April 15, a case of smallpox on U. S. S. *Albatross* from Yokohama.

### INDIA.

#### CALCUTTA—Cholera, Plague, and Smallpox.

Acting Assistant Surgeon Allan reports, March 17:

Week ended March 5. At Calcutta there were 49 deaths from cholera, 29 from plague, and 2 from smallpox; in all Bengal, 3,110 cases of plague, with 2,544 deaths; in all India, 24,834 cases of plague, with 21,514 deaths.

Week ended March 12. Bill of health issued to steamship *Rabenfels*, for Boston and New York, with a total crew of 30. The usual precautions were taken, holds fumigated, rat guards placed on wharf lines, and effects of Asiatics disinfected.

ITALY.

NAPLES—Examination of Emigrants—Smallpox.

Surgeon Geddings reports, March 28:

*Vessels inspected at Naples and Palermo, week ended March 26.*

NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Mar. 21	Virginia.....	New York.....	1,190	50	1,280
21	Principe di Piemonte.....	do.....	998	65	1,100
23	Manuel Calvo.....	do.....	466	25	870
23	Calabria.....	do.....	358	32	650
23	Pannonia.....	do.....			
24	America.....	do.....	1,349	90	1,920
25	Prinzess Irene.....	do.....	855	42	980
	Total.....		5,216	304	6,800

PALERMO.

Mar. 24	Calabria.....	New York.....	548	850	350
26	Prinzess Irene.....	do.....	397	600	180
	Total.....		945	1,450	530

*Rejections recommended.*

NAPLES.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Other causes.	Total.
Mar. 21	Virginia.....	24	3	12	5	44
21	Principe di Piemonte.....	36	3	17	4	60
23	Manuel Calvo.....	10	1	3	1	15
23	Calabria.....	7	2	4	3	16
24	America.....	40	9	19	4	72
25	Prinzess Irene.....	14	5	9	5	33
	Total.....	131	23	64	22	240

PALERMO.

Mar. 24	Calabria.....	27		31	4	62
26	Prinzess Irene.....	18		15	3	36
	Total.....	45		46	7	98

*Smallpox in Naples.*—During the week ended March 27, 1910, 14 cases of smallpox with 2 deaths were reported at the health office of the city of Naples.

JAPAN.

YOKOHAMA—Inspection of Vessels.

Surgeon Irwin reports, March 21:

Bills of health were issued to the following-named vessels: Steamships *Kiyo Maru* for Honolulu, *Tamba Maru* for Seattle, *Siberia* for San Francisco, *Prinz Sigismund* for Manila, *Dakotah* for Manila,

*Verona* for New York, and *Selja* for Portland, Oreg. These vessels carried an aggregate of 161 cabin passengers, 705 steerage passengers, and 585 in crews.

#### KOBE—Inspection of Vessels—Plague.

Acting Assistant Surgeon Smith reports, March 16:

Week ended March 12. Supplemental bills of health issued to 6 steamships and 1 original bill to 1 steamship. Members of crews inspected, 1,065, and of steerage passengers, 177. Members of crews bathed 81, and of steerage passengers 73; effects disinfected. Pieces of baggage steamed 418, and of bedding 146. Manifests viséed for 22,748 pieces of freight, amounting to 2,492 tons. Emigrants inspected: Per steamship *Nippon Maru* for Honolulu 24, including 4 Koreans, and for San Francisco 1; per steamship *Tamba Maru* for Seattle 38. The emigrants passed, with 8 intending passengers for Victoria by the *Tamba Maru* and 2 by the *Kiyo Maru* for Mexico were bathed and their effects were disinfected. All the emigrants were 7 days in detention at Ono quarantine station.

The official returns of infectious disease show for the week 1 case of plague with 1 death.

#### MEXICO.

##### Report from the Superior Board of Health of Mexico.

In compliance with articles 1 and 2 of the International Sanitary Convention held at Washington, October 9–14, 1905, the president of the Superior Board of Health of Mexico reports, April 11, that no case of yellow fever and no death from the said disease were registered in the Mexican Republic during the week ended April 9, and that the prophylactic measures reported under date of September 28, 1908, continue to be carried out.

#### COATZACOALCOS—Inspection and Fumigation of Vessels.

Acting Assistant Surgeon Thompson reports, April 7:

Week ended April 2. Vessels inspected: April 1, steamships *Traveller* for a port in the United States via Veracruz and Tampico, and *Honduras* for New Orleans; April 2, steamship *Oregonian* for Delaware Breakwater Quarantine. The *Honduras* was fumigated. No quarantinable disease reported.

#### PERU.

##### CALLAO—Inspection of Vessels—Plague in Peru.

Acting Assistant Surgeon Castro-Gutierrez reports, March 30:

Week ended March 19. One vessel, with 94 in crew and 30 cabin and 18 steerage passengers, was fumigated. Week ended March 26. Six vessels having an aggregate of 645 in crews and 106 cabin and 141 steerage passengers inspected. Five of these vessels were fumigated.

Bills of health show plague present at Mollendo with 8 cases and 3 deaths during the past 2 weeks. Plague is reported present in the Province of Pacasmayo. At Antofagasta, Chile, plague was reported present with 4 cases in the lazaretto. Smallpox was also reported present. At Iquique, Chile, plague was reported March 20.

**PHILIPPINE ISLANDS.****Prophylactic Plague Measures.**

Passed Assistant Surgeon Victor G. Heiser, chief quarantine officer, reports, March 4:

In view of the increased frequency with which vessels now come alongside of the new docks which have recently been completed at Iloilo, Cebu, and Manila, and, more especially, since many of such vessels come direct from Chinese and Japanese ports that are plague infected, it has been deemed advisable to take further precautions in order to prevent the introduction of plague into the Philippine Islands. With this end in view the following circular letter was issued February 21, 1910:

[Circular.]

UNITED STATES TREASURY DEPARTMENT,  
PUBLIC HEALTH AND MARINE-HOSPITAL SERVICE,  
OFFICE CHIEF QUARANTINE OFFICER FOR PHILIPPINE ISLANDS,  
*Manila, P. I., February 21, 1910.*

*To the owners, agents, and masters of vessels, and others concerned:*

SIRS: In order to minimize the danger from the spread of plague by vessels in the event that this disease should again make its appearance in the Philippine Islands, all vessels in the interisland service, and all local craft, including cascoes, launches, lighters, etc., and vessels in the foreign trade which call at the ports of entry in the Philippines, must be fumigated at least twice annually in order to destroy the rats and vermin that may be aboard.

It is the intention to carry out this fumigation at such times as will cause the least inconvenience to the vessels; and in view of the fact that rats and vermin are a source of considerable annoyance and expense to the owners of vessels, as well as being most undesirable, it is hoped that your full cooperation in carrying out this fumigation will be accorded. No charge will be made for the work. A certificate stating that the vessel has been fumigated will be issued to all masters of vessels who may desire it.

Masters of vessels would confer a great favor upon this bureau if they would send to the quarantine office a brief statement, each time a vessel is fumigated, which would give the number of rats and mice that were killed by the fumigation.

All vessels should be empty when fumigated, and it is respectfully requested that, when unloading is completed and before new cargo is taken on board, the quarantine office be notified before noon on the day on which it is desired to have the fumigation done in order that the work may be carried out as expeditiously as possible.

Respectfully,

VICTOR G. HEISER,  
*Passed Assistant Surgeon,  
Chief Quarantine Officer for the Philippine Islands.*

In addition to the foregoing, and at the request of this office, the customs harbor regulations at Iloilo, Cebu, and Manila have been so amended that all vessels that come to a wharf will be required to use the special kind of rat guard which is in use at San Francisco. Vessels are also required to keep at least several feet away from the wharf, so that the danger of rats coming ashore will be still further minimized.

Arrangements have also been made with the Bureau of Agriculture to breed a good type of rat-catching cat, which can be kept on the wharves.

**Local Regulations.**

In view of the improved cholera conditions in the city of Manila, vessels proceeding to Iloilo are now allowed to leave Manila without a bill of health or inspection.

**Quarantinable Disease in Manila.**

Week ended February 26. In the city of Manila 5 cases of smallpox were reported.

***Cholera in the provinces.***

Provinces.	Cases.	Deaths.
Bataan.....	1	1
Bohol.....	3	2
Pampanga.....	19	20
Total.....	23	23

**Inspection of Vessels.**

February 21, the British steamship *Titan*, with 88 in crew, en route from London to Seattle and Tacoma, granted a supplemental bill of health. Cargo taken on at this port inspected and passed before loading. Crew inspected and passed at hour of sailing. February 22, the American steamship *Siberia*, with 280 in crew and 92 cabin and 248 steerage passengers, granted a bill of health for San Francisco, via Hongkong and other ports. Cargo loaded here inspected and passed and manifests for same viséed.

**RUSSIA.****Leprosy and Typhus Fever—Examination of Emigrants.**

Acting Assistant Surgeon De Forest at Libau reports, April 4:

Week ended April 1. At St. Petersburg 1 case of leprosy was reported; at Riga, 52 cases of typhus fever with 12 deaths.

Examination of water supply at St. Petersburg showed cholera bacilli in specimens taken March 25. Specimens taken April 1 were negative.

The steamship *Russia* sailed from Libau for New York March 29, with 1,189 passengers and a crew of 137, all of whom had been in Libau for the full 5 days; pieces of baggage disinfected, 198. The case of smallpox previously reported as found among passengers examined for the *Russia* was held until recovery.

**VENEZUELA.****LA GUAIRA—Inspection of Vessels—Yellow Fever.**

Acting Assistant Surgeon Kellogg reports, April 3:

Week ended April 2. Vessels inspected: March 26, steamship *Thorsa*, for New York, with 17 in crew and no passengers; March 30, schooner *San Fernando*, for San Juan, crew 5, no passengers, and steamship *Barbadian*, for Galveston, crew 44, passenger 1; April 1, steamship *Prins Mauritz*, crew 56, passengers in transit 5, taken on at this port 4.

One case of yellow fever, previously reported, occurred during the week.

**ZANZIBAR.****ZANZIBAR—Examination of Rats for Plague Infection.**

Consul Garrels reports:

Month of February, 1910. Rats received, 3,579; examined, 3,529. No plague infection found.

# CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX.

Reports Received During Week Ended April 22, 1910.

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.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>India:</b>				
Calcutta.....	Feb. 28-Mar. 5.....		49	
Rangoon.....	Feb. 28-Mar. 5.....		1	
<b>Java:</b>				
Batavia.....	Feb. 28-Mar. 5.....	1	1	
Samarang.....	Feb. 28-Mar. 5.....	30	20	
<b>Philippine Islands:</b>				
Provinces—				
Bataan.....	Feb. 20-26.....	1	1	
Bohol.....	Feb. 20-26.....	3	2	
Pampanga.....	Feb. 20-26.....	19	20	

## YELLOW FEVER.

<b>Brazil:</b>				
Manaos.....	Mar. 13-26.....		6	
Para.....	Mar. 20-Apr. 2....	18	15	
<b>Venezuela:</b>				
La Guaira.....	Apr. 1.....	1		

## PLAGUE.

<b>Chile:</b>				
Antofagasta.....	Mar. 19.....	4		In the lazaretto.
Iquique.....	Mar. 20.....			Epidemic.
<b>China:</b>				
Amoy.....	Apr. 15.....			Present.
<b>India:</b>				
Bombay.....	Mar. 9-15.....		26	
Kurrachee.....	Mar. 6-12.....	74	73	
Rangoon.....	Feb. 28-Mar. 5.....		9	
<b>Japan:</b>				
Kobe.....	Mar. 6-12.....	1	1	
<b>Peru:</b>				
Mollendo.....	Mar. 17.....	8	3	
<b>Turkey in Asia:</b>				
Jiddah.....	Mar. 25-27.....	10	10	

## SMALLPOX.

<b>Austria:</b>				
Bohemia.....	Mar. 13-19.....	1		
Galicia.....	Mar. 13-19.....	2		
<b>Canada:</b>				
Nova Scotia—				
Halifax.....	Apr. 3-9.....	4		
<b>Ceylon:</b>				
Colombo.....	Feb. 20-Mar. 5....	2		
<b>Chile:</b>				
Antofagasta.....	Mar. 19.....			Present.
<b>China:</b>				
Amoy.....	Feb. 28-Mar. 5.....		4	
Hongkong.....	Feb. 20-26.....	4	2	
Shanghai.....	Mar. 7-13.....	2	7	Deaths among natives.
<b>Egypt:</b>				
Cairo.....	Mar. 12-25.....	10		
Port Said.....	Mar. 19-25.....	1		
<b>France:</b>				
Paris.....	Mar. 20-26.....	7	1	
<b>Germany, general</b>	Mar. 20-26.....	18		
Bremen.....	Mar. 28-Apr. 2.....	1		
<b>Great Britain:</b>				
Bristol.....	Mar. 20-26.....	1		On a steamship from Bombay.
Sheffield.....	Mar. 27-Apr. 2.....	1		
<b>Hawaii:</b>				
Honolulu.....	Apr. 15.....	1		On U. S. S. Albatross from Yokohama.

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

Reports Received During Week Ended April 22, 1910.

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
India:				
Bombay.....	Mar. 9-15.....	.....	63	
Calcutta.....	Feb. 28-Mar. 5.....	.....	2	
Madras.....	Mar. 5-11.....	.....	3	
Rangoon.....	Feb. 28-Mar. 5.....	.....	36	
Italy, general.....	Mar. 21-27.....	11	.....	
Naples.....	Mar. 21-27.....	14	2	
Mexico:				
Aguascalientes.....	Mar. 28-Apr. 2.....	.....	6	
New Providence:				
Nassau.....	Apr. 2.....	.....	1	From s. s. Vigilante.
Philippine Islands:				
Manila.....	Feb. 20-26.....	.....	5	
Portugal:				
Lisbon.....	Mar. 20-26.....	40	.....	
Russia:				
Libau.....	Mar. 20-27.....	4	1	
Moscow.....	Feb. 20-Mar. 12.....	71	27	
Odesa.....	Mar. 20-26.....	74	9	
Riga.....	Mar. 20-26.....	.....	2	
St. Petersburg.....	Mar. 13-19.....	39	13	
Spain:				
Barcelona.....	Mar. 22-28.....	.....	3	

Reports Received from January 1 to April 15, 1910.

(For reports received from June 25, 1909, to December 31, 1909, see PUBLIC HEALTH REPORTS for December 31, 1909. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.)

## CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Ceylon:				
Colombo.....	Feb. 13-19.....	5	.....	
Germany:				
Heydekrug.....	Nov. 19-Dec. 4.....	2	.....	
Niedrung.....	Nov. 16-22.....	1	.....	
India:				
Bombay.....	Nov. 24-Mar. 8.....	.....	22	
Calcutta.....	Nov. 14-Feb. 26.....	.....	536	
Madras.....	Jan. 1-Feb. 4.....	.....	2	
Moulmine.....	Jan. 22-Feb. 4.....	.....	13	
Negapatam.....	Jan. 30-Feb. 17.....	.....	14	
Rangoon.....	Nov. 14-Feb. 19.....	.....	45	
Java:				
Batavia.....	Nov. 14-Mar. 5.....	388	111	
Samarang.....	Feb. 20-26.....	20	15	
Norway:				
Friedershalde.....	Dec. 31-Jan. 3.....	1	1	From a vessel from Riga.
Persia:				
Astara.....	Dec. 1-15.....	36	22	
Philippine Islands:				
Manila.....	Nov. 7-Feb. 19.....	111	97	Third quarter, 1909. Cases 82; deaths 61.
Provinces.....				Third quarter, 1909. Cases 3,946; deaths 2,609.
Albay.....	Nov. 7-20.....	6	6	
Bataan.....	Nov. 7-Feb. 19.....	215	155	
Bohol.....	Nov. 7-Feb. 19.....	47	30	
Bulacan.....	Nov. 7-Jan. 1.....	32	27	
Camarines.....	Nov. 7-20.....	5	5	
Capiz.....	Nov. 21-Dec. 18.....	3	2	
Cavite.....	Nov. 7-Feb. 19.....	107	78	Jan. 1-Feb. 12, 50 cases from a coasting vessel.
Cebu.....	Nov. 7-Feb. 12.....	333	251	Nov. 20, 1 case on s. s. Yaptic.
Laguna.....	Dec. 19-25.....	4	4	
Leyte.....	Nov. 21-Jan. 15.....	36	32	
Misamis.....	Jan. 16-Feb. 19.....	42	40	
Oriental Negros.....	Nov. 7-20.....	10	5	
Pampanga.....	Nov. 7-Feb. 19.....	210	55	
Rizal.....	Nov. 7-Jan. 22.....	11	7	
Tarlac.....	Nov. 7-13.....	9	5	

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

Reports Received from January 1 to April 15, 1910.

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Russia, general.....	Nov. 21-Jan. 29...	440	203	
Baku, government.....	Nov. 21-Dec. 25...	22	22	
Baku.....	Nov. 21-Jan. 15...	27	17	
Don, territory.....	Nov. 28-Jan. 29...	19	12	
Ekaterinslav, government.....	Nov. 21-Jan. 1....	23	7	
Jaroslav, government.....	Nov. 21-27.....		1	
Kaluga.....	Dec. 26-Jan. 1....	1		
Kostroma, government.....	Nov. 21-27.....	3	4	
Kovna, government.....	Nov. 21-27.....	8	3	
Kursk, government.....	Nov. 21-Dec. 11...	6		
Moscow, government—				
Moscow.....	Nov. 29-Jan. 22...	256	115	
Novotscherkask.....	Mar. 18.....	2	2	
Pskov, government.....	Nov. 21-27.....	10		
St. Petersburg, government.....	Nov. 21-Dec. 18...	14	12	
St. Petersburg.....	Nov. 21-Jan. 1....	53	12	
Taurida, government.....	Nov. 21-Dec. 25...	66	28	
Vitebsk, government.....	Nov. 21-27.....	2		
Siam:				
Bangkok.....	Oct. 28-Feb. 28...	15	15	
Siberia:				
Vladivostok.....	Nov. 16-21.....	1		
Straits Settlements:				
Singapore.....	Dec. 19-Jan. 15...		4	
Sumatra:				
Palembang.....	Sept. 20-Oct. 20...	936	675	
Turkey in Asia:				
Trebizond.....	Nov. 28.....	1		On a vessel from Batum.

## YELLOW FEVER.

Brazil:				
Manaos.....	Nov. 21-Mar. 12...		58	
Para.....	Nov. 28-Mar. 26...	105	82	
Ecuador:				
Babahoyo.....	Jan. 1-Mar. 15...	5	1	
Guayaquil.....	Dec. 1-Mar. 15...	155	50	
Peru:				
Callao.....	Nov. 2-Dec. 2....	1	1	From s. s. Loa.
Mexico:				
Yucatan—				
Merida.....	Dec. 20-21.....	1	1	
Santa Cruz de Bravo...	Dec. 20.....	1	1	
Panama:				
Canal Zone—				
Ancon.....	Jan. 24.....		1	At Ancon hospital, from s. s. Barbadian.
Culebra Island.....	Mar. 1-8.....	1	1	At Culebra quarantine station, from s. s. Huallago.
Trinidad:				
Port of Spain.....	Nov. 28-Dec. 4....	1	1	
Venezuela:				
La Guaira.....	Mar. 1-15.....	3	3	

## PLAGUE.

Arabia:				
Aden.....	Jan. 21-23.....	1	1	From an Austrian mail steamer from Bombay.
Brazil:				
Bahia.....	Nov. 20-Feb. 18...	55	29	
Para.....	Nov. 28-Feb. 19...	12	9	
Pernambuco.....	Oct. 15-Feb. 15...		24	
Rio de Janeiro.....	Nov. 2-Jan. 23...	16	2	
Santos.....	Nov. 1-Dec. 29...	5	3	One case from bark Amazone Dec. 1. Feb. 2 present.
Chile:				
Iquique.....	Feb. 12-24.....			Present in endemic form.
Taltal.....	Jan. 15.....	2	1	
China:				
Hankow.....	Nov. 27-Dec. 7....	20	20	Feb. 1 again present.
Hongkong.....	Nov. 21-27.....	1	1	
Ecuador:				
Babahoyo.....	Dec. 16-Feb. 15...	18	6	
Guayaquil.....	Dec. 1-Mar. 15...	237	91	
Milagro.....	Jan. 1-Mar. 15...	23	7	



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

## Reports Received from January 1 to April 15, 1910.

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Egypt:</b>				
Alexandria.....	Nov. 19-Mar. 10....	5	4	
Port Said.....	Nov. 30-Dec. 22....	2	1	
Provinces—				
Assiout.....	Sept. 29-Mar. 17....	65	20	
Beherach.....	Dec. 8-14.....	1	1	
Bent Souef.....	Dec. 16-Mar. 5.....	31	10	
Fayoum.....	Jan. 20-Mar. 15....	9	7	
Galloobeh.....	Jan. 11-Feb. 24....	10	4	
Garbieh.....	Feb. 2-Mar. 14....	10	8	
Girgeh.....	Dec. 19-26.....	2	1	
Ghizeh.....	Dec. 19-Jan. 2.....	2	2	
Kena.....	Feb. 3-20.....	1	1	
Menouf.....	Nov. 28-Dec. 15....	17	6	
Minieh.....	Dec. 21-Mar. 17....	22	12	
<b>German East Africa:</b>				
Mpwapwa.....	Sept. 19-Oct. 5....	7		
<b>Hawaii:</b>				
Hilo.....	Mar. 12-22.....	4	4	
Honokaa.....	Mar. 14-15.....	2	2	
<b>India:</b>				
Bombay.....	Dec. 27-Mar. 8.....		518	
Calcutta.....	Nov. 20-Feb. 26....		132	
Kurrachee.....	Dec. 19-Feb. 26....	460	451	
Rangoon.....	Nov. 13-Feb. 13....		34	
Bombay Presidency and Sind.....	Nov. 7-Jan. 22....	11,137	7,821	
Madras Presidency.....	Nov. 7-Jan. 22....	1,011	705	
Bengal.....	Nov. 7-Jan. 22....	8,109	6,509	
United provinces.....	Nov. 7-Jan. 22....	36,037	33,019	
Punjab.....	Nov. 7-Jan. 22....	14,277	11,704	
Burma.....	Nov. 7-Jan. 22....	898	766	
Central provinces, including Berar.....	Nov. 7-Jan. 22....	10,322	8,355	
Coorg.....	Nov. 14-27.....	5	1	
Mysore State.....	Nov. 7-Jan. 22....	1,388	1,020	
Hyderabad State.....	Nov. 7-Jan. 22....	155	126	
Central India.....	Nov. 7-Jan. 22....	850	638	
Rajputana and Ajmer-Merwara.....	Nov. 7-Jan. 22....	4,157	3,674	
Kashmir.....	Nov. 7-Jan. 22....	165	110	
Grand total.....		88,511	74,448	
<b>Indo-China:</b>				
Salgon.....	Nov. 7-Dec. 25....	5	4	
<b>Japan:</b>				
Kobe.....	Nov. 28-Feb. 26....	25	20	
Shikoku Island.....	Jan. 30-Feb. 5.....	1		
Paraguay.....	Dec. 10.....		30	In the northern part.
<b>Peru:</b>				
Arequipa, department.....	Dec. 10-16.....	1		
Mollendo.....	Dec. 20-Feb. 25....	6	2	
Callao, department—				
Callao.....	Jan. 17-Feb. 7.....	5		
Lambayeque, department.....	Oct. 1-Dec. 16....	39	13	
Libertad, department.....	Nov. 19-Dec. 16....	32	3	
Lima, department.....	Oct. 22-Dec. 16....	10	6	
Lima.....	Feb. 11-25.....	1		In lazaretto from s. s. Ammon.
Pisco.....	Feb. 19.....	1		From s. s. Ammon.
Mauritius.....	Dec. 18-Jan. 27....	120	70	
<b>Russia:</b>				
Astrakan, government.....	Dec. 5-Feb. 27....	134	120	
Naourzail-Tehagil.....	Jan. 17-Feb. 2.....	26	26	
Belskulak.....	Dec. 10-16.....	18	16	
Bodal.....	Mar. 1.....	9		
Dshedda.....	Jan. 7.....			Present.
Libau.....	Dec. 3-Mar. 18....	4	4	
Uralsk, district.....	Nov. 25-Jan. 12....	208	202	
<b>Siam:</b>				
Bangkok.....	Oct. 28-Feb. 28....	34	30	Epidemic.
Phrapatom.....	Feb. 15.....			
<b>Straits Settlements:</b>				
Singapore.....	Dec. 25-Jan. 1.....	2	2	
<b>Turkey in Asia:</b>				
Beirut.....	Nov. 29-Dec. 14....	3		
Jiddah.....	Jan. 5-Mar. 19....	37	35	
<b>Venezuela:</b>				
Puerto Cabello.....	Feb. 24.....	2		
Zanzibar.....	Nov. 9-17.....	2	2	

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

Reports Received from January 1 to April 15, 1910.

## SMALLPOX.

Place.	Date.	Cases.	Deaths.	Remarks.
Abyssinia:				
Adis Ababa .....	Feb. 19-26 .....			Epidemic.
Arabia:				
Aden .....	Feb. 15-21 .....		1	
Algeria, general .....	Dec. 1-15 .....	22		
Algiers .....	Nov. 1-Jan. 31 .....		3	
Bona .....	Dec. 1-Feb. 28 .....	12	9	
Argentina:				
Buenos Aires .....	Oct. 1-Dec. 31 .....		85	
Rosario .....	Dec. 1-31 .....		1	
Austria:				
Bohemia .....	Feb. 20-26 .....	1		
Galicia .....	Jan. 1-Mar. 5 .....	12		
Vienna .....	Jan. 9-29 .....	2		
Brazil:				
Bahia .....	Nov. 20-Feb. 18 .....	292	195	
Para .....	Jan. 31-Mar. 5 .....	1		
Pernambuco .....	Oct. 16-Feb. 15 .....		355	
Rio de Janeiro .....	Nov. 2-Feb. 27 .....	25	1	
Sao Paulo .....	Nov. 1-21 .....		2	
Canada:				
British Columbia—				
Vancouver .....	Jan. 1-31 .....	3		
Nova Scotia—				
Halifax .....	Dec. 19-Apr. 2 .....	5		
Windsor .....	Dec. 1-Jan. 31 .....	40		
Ontario—				
Port Arthur .....	Mar. 11-19 .....	5		
Ceylon:				
Colombo .....	Feb. 6-12 .....	5		
Chile:				
Antofagasta .....	Jan. 1 .....			Present. Feb. 12, 8 cases in lazaretto.
Quillota .....	Nov. 28-Dec. 4 .....			Present.
Valparaiso .....	Nov. 20-Jan. 1 .....			Do.
China:				
Amoy .....	Nov. 28-Feb. 12 .....		8	
Canton .....	Dec. 12-Feb. 23 .....	105	9	
Chang Cheun .....	Dec. 11 .....			Do.
Chio Be .....	Dec. 11 .....			Do.
Hankow .....	Jan. 2-Feb. 19 .....	2	1	Dec. 19-Feb. 26, present among natives.
Hongkong .....	Feb. 5-19 .....	8	2	
Shanghai .....	Nov. 1-Mar. 6 .....	4	21	Deaths among natives.
Swatow .....	Apr. 6 .....			Epidemic.
Cuba:				
Habana .....	Dec. 3-9 .....	1		From s. s. La Navarre.
Ecuador:				
Guayaquil .....	Jan. 1-31 .....	3		
Egypt, general .....	Nov. 5-Feb. 18 .....	749	187	
Alexandria .....	Nov. 5-Jan. 21 .....	20	19	
Cairo .....	Nov. 26-Mar. 11 .....	16	4	
France:				
Nantes .....	Jan. 1-31 .....	1		
Paris .....	Dec. 5-Mar. 19 .....	125	16	
Germany, general .....	Dec. 5-Mar. 12 .....	85		
Bremen .....	Feb. 27-Mar. 5 .....	1		
Konigsberg .....	Dec. 12-Jan. 16 .....	2	2	In vicinity.
Great Britain:				
Bristol .....	Feb. 6-Mar. 19 .....	3		Mar. 13-19. 1 case on steamship from Bombay.
Greenock .....	Feb. 6-12 .....	1		
Hull .....	Jan. 16-22 .....	2		
Liverpool .....	Dec. 19-Feb. 5 .....	9		
London .....	Nov. 28-Mar. 5 .....	21		
Newcastle-on-Tyne .....	Feb. 13-Mar. 5 .....	3	1	
Nottingham .....	Jan. 16-26 .....	4	1	
Plymouth .....	Nov. 12-18 .....		1	
Southampton .....	Nov. 12-18 .....	1		
South Shields .....	Feb. 13-19 .....	1		
Greece:				
Athens .....	Nov. 22-Mar. 12 .....		19	
Hawaii:				
Honolulu .....	Jan. 31-Apr. 9 .....	4	1	2 cases Jan. 31 from U. S. S. Washington from Yokohama. 1 case Feb. 2 on s. s. Makura. 1 case Apr. 9 on s. s. Manchuria from the Orient.

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

Reports Received from January 1 to April 15, 1910.

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>India:</b>				
Bombay.....	Nov. 24-Mar. 8.....		302	
Calcutta.....	Nov. 14-Feb. 26.....		15	
Kurrachee.....	Jan. 2-Feb. 26.....	13	2	
Madras.....	Dec. 18-Mar. 4.....		6	
Rangoon.....	Nov. 20-Feb. 19.....		77	
<b>Indo-China:</b>				
Saigon.....	Dec. 7-13.....	1		
<b>Italy, general</b> .....	Nov. 29-Mar. 20.....	262		
Genoa.....	Dec. 1-Mar. 15.....	20	1	
Milan.....	Jan. 1-16.....	1		
Naples.....	Dec. 6-Mar. 20.....	260	45	
<b>Japan:</b>				
Formosa.....	Feb. 6-Mar. 5.....	57	7	
Kobe.....	Dec. 12-25.....	1	1	
<b>Java:</b>				
Batavia.....	Dec. 12-Feb. 12.....	9	1	
<b>Korea:</b>				
Fusan.....	Feb. 1-12.....	6	1	
Ilmyokyo.....	Feb. 26.....			Present.
<b>Liberia:</b>				
Monrovia.....	Nov. 28-Dec. 4.....	6		
<b>Malta:</b>				
Valetta.....	Dec. 12-Jan. 15.....	3	1	
<b>Manchuria:</b>				
Tie-ling.....	Feb. 19.....			Do.
<b>Mexico:</b>				
Aguascalientes.....	Dec. 12-Mar. 26.....		38	
Chihuahua.....	Dec. 13-Mar. 27.....	16	9	
Guadalajara.....	Jan. 29-Mar. 11.....		6	
Manzanillo.....	Mar. 1-6.....	5		
Mexico.....	Nov. 14-Feb. 19.....		16	
Monterey.....	Nov. 13-Feb. 20.....		2	
Veracruz.....	Feb. 13-19.....	1		
<b>Netherlands:</b>				
Rotterdam.....	Dec. 5-11.....	7		
<b>Persia:</b>				
Arabistan.....	Dec. 6-31.....			Do.
Enzeli.....	Jan. 9-Feb. 2.....			Do.
Hamadan.....	Nov. 15-Dec. 31.....			Do.
Kashin.....	Jan. 5-Feb. 3.....			Do.
Kurdistan.....	Dec. 6-31.....			Do.
Laristan.....	Dec. 9-15.....			Do.
Mohammerah.....	Jan. 9-Feb. 2.....			Do.
Sultanabad.....	Nov. 15.....			Do.
Teheran.....	Nov. 1-Dec. 2.....			Do.
<b>Peru:</b>				
Callao.....	Dec. 6-12.....			Do.
<b>Philippine Islands:</b>				
Manila.....	Nov. 14-Feb. 19.....	38		Third quarter, 1909—Cases, 5; deaths, 0.
<b>Portugal:</b>				
Lisbon.....	Dec. 5-Mar. 19.....	235		
Porto Rico, general.....	July 1-Dec. 31.....	72	12	
<b>Russia:</b>				
Batoum.....	Dec. 1-31.....	5		
Libau.....	Dec. 6-Mar. 13.....	41		
Moscow.....	Nov. 21-Feb. 19.....	160	53	
Odessa.....	Nov. 21-Mar. 19.....	383	87	
Riga.....	Dec. 5-Mar. 19.....	51		Oct. 1-Dec. 31, 26 deaths.
St. Petersburg.....	Nov. 28-Mar. 12.....	698	201	
Saratov.....	Mar. 19-25.....			Epidemic.
Warsaw.....	Oct. 24-Jan. 29.....		213	
<b>Siam:</b>				
Bangkok.....	Nov. 28-Feb. 28.....	11	10	
<b>Siberia:</b>				
Vladivostok.....	Jan. 15-Feb. 13.....	6	2	
<b>Spain:</b>				
Aimeria.....	Jan. 1-31.....		13	
Barcelona.....	Dec. 14-Mar. 7.....		33	
Cadiz.....	Jan. 1-31.....		1	
Huelva.....	Nov. 1-Feb. 28.....		19	
Madrid.....	Dec. 1-Jan. 31.....		50	
Seville.....	Dec. 1-Feb. 28.....		12	
Tarragona.....	Feb. 20-26.....		1	
Valencia.....	Jan. 9-Mar. 19.....	7		
Vigo.....	Jan. 23-Mar. 19.....		2	Mar. 5-19, present in vicinity.

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

Reports Received from January 1 to April 15, 1910.

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Straits Settlements:				
Singapore.....	Jan. 22-Feb. 19.....		7	
Tripoli:				
Tripoli.....	Nov. 14-Dec. 25....	242	24	
Turkey:				
Constantinople.....	Jan. 2-Feb. 6.....		2	
Turkey in Asia:				
Bagdad.....	Nov. 21-Feb. 26.....			Present.
Salonica.....	Jan. 1-31.....		3	
Smyrna.....	Nov. 5-Dec. 31.....		42	
Trebizond.....	Mar. 5.....			Do.
Uruguay:				
Montevideo.....	Oct. 1-Jan. 31.....		94	
Venezuela:				
La Guaira.....	Mar. 1-15.....	1		

## 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.	Diphtheria.	Measles.	Whooping cough.
Aberdeen.....	Mar. 19	185,703	58	.....								2	.....	1
Do.....	Mar. 26	185,703	52								1	2	.....	
Aguscalientes.....	Apr. 2	40,000	50	1				6						4
Amoy.....	Mar. 5	400,000	.....					4						
Amsterdam.....	Mar. 26	569,712	154	31						1				2
Antwerp.....	Mar. 19	326,351	67	7									2	1
Do.....	Mar. 20	326,351	77										4	3
Barcelona.....	Mar. 28	591,272	315	35				3		1		5	4	.....
Barmen.....	Mar. 19	164,000	47	5					1		1			
Barranquilla.....	Mar. 26	40,000	19	1						1				
Berlin.....	Mar. 12	2,127,213	562	90							4	10	4	7
Do.....	Mar. 19	2,130,217	545	79						2	15	11	3	8
Birmingham.....	Mar. 26	558,336	163								2	3		9
Do.....	Apr. 2	570,113	171							1	3			12
Bremen.....	Mar. 19	235,648	61	8								1		1
Do.....	Mar. 26	235,648	73	9										3
Do.....	Apr. 2	235,648	49	6					1		1		2	
Bristol.....	Mar. 26	382,550	100	10						1			1	4
Do.....	Apr. 2	382,550	100	12								1		1
Bombay.....	Mar. 15	977,822	827	59	126			63		5			3	3
Brussels.....	Mar. 19	720,030	189	14									1	3
Do.....	Mar. 26	720,030	189	18						1		1	5	5
Calcutta.....	Mar. 5	847,796	523	37	29	49		2					10	
Chemnitz.....	Mar. 19	280,230	66	10										
Do.....	Mar. 26	280,230	61	7						1		2		
Christiania.....	do	236,000	52	12						1				
Coburg.....	Mar. 19	23,569	5	1							1	1		
Cologne.....	do	477,128	148									2	2	5
Do.....	Mar. 26	477,128	150	16						7	3	3	6	5
Colombo.....	Feb. 23	187,564	113	13										
Do.....	Mar. 5	187,564	111	10										
Constantinople.....	Mar. 27	1,000,000	285	40										
Dresden.....	Mar. 19	552,000	155	18						4	1	3	3	
Do.....	Mar. 26	552,000	171	16							1	6	3	
Dublin.....	Feb. 26	394,525	228	36						1	1	3		1
Do.....	Mar. 5	394,525	208	38						2	1			3
Do.....	Mar. 12	394,525	204	38								1		2
Do.....	Mar. 19	394,525	149	25							1	1	1	1
Do.....	Mar. 26	394,525	185	36						1		1	1	2

## 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.	Diphtheria.	Measles.	Whooping cough.
Dundee.....	Mar. 26	170, 206	65	3							1	1	9	
Do.....	Apr. 2	170, 206	80	5									17	3
Edinburgh.....	Mar. 26	360, 276	85	5							1		2	1
Frankfort on the Main.....		372, 000	95									4	2	2
Erfurt.....	Mar. 19	109, 106	31	4								2		1
Geneva.....	Mar. 12	121, 500	40									2		
Do.....	Mar. 19	121, 500	42										1	
Ghent.....	do.	165, 475	47	5						1			1	
Do.....	Mar. 26	165, 475	52	8							1	1	1	
Glasgow.....	Apr. 1	872, 021									2		19	6
Halifax.....	Apr. 9	50, 000	13	1										
Havre.....	Mar. 26	132, 430	55	11						1		1		
Hilo.....	do.	3, 500	6		1									
Holyhead.....	Mar. 19	11, 179	6									1		
Hongkong.....	Feb. 26	336, 488						2						
Hull.....	Mar. 26	280, 006	91									3	6	1
Karachi.....	Mar. 12	130, 000	122		73									
Kingston.....	Mar. 26	48, 504								1				
Kobe.....	Mar. 12	380, 717	146		1							4		
Konigsberg.....	Mar. 19	243, 200	75	12							2			2
Do.....	Mar. 26	243, 200	81	10									2	1
Leeds.....	do.	490, 985	125	7								1		
Do.....	Apr. 2	490, 985	132	6							1	1	1	1
Leipzig.....	Mar. 19	590, 329	155	23							1	3		
Do.....	Mar. 26	590, 329	165	24					1	1		2		4
Leith.....	do.	86, 767	22	4							1		4	
Libau.....	Mar. 27	90, 000						1			1			
Liverpool.....	Mar. 26	767, 606	264	21							5	2	10	17
Do.....	Apr. 2	767, 606	280	29							3	2	14	15
London.....	Mar. 26	7, 537, 196	1, 782							7	10	23	27	67
Madras.....	Mar. 11	550, 000	335					3					2	
Magdeburg.....	Mar. 19	278, 026	63	8								1	1	1
Manaos.....	do.	52, 000	44	4			4							
Do.....	Mar. 26	52, 000	29	3			2							
Manchester.....	Mar. 19	631, 533	197	19						1	3	5	5	8
Do.....	Mar. 26	631, 533	224	24							2	3	7	6
Mannheim.....	Mar. 12	186, 307	34	9							1			1
Montreal.....	Apr. 9	389, 836	165	23						1	5			3
Moscow.....	Feb. 26	1, 335, 104	719	108				11	3	1	21	34	19	8
Do.....	Mar. 5		723	111				9	6	4	23	22	24	12
Do.....	Mar. 12		809	116				7	6	3	19	31		
Munich.....	Mar. 19	576, 000	172	34							2			2
Naples.....	Mar. 25	593, 729	288					2				2	2	
Newcastle-on-Tyne.....	Mar. 26	281, 584	59											
Nottingham.....	Mar. 19	260, 000	73									3		3
Do.....	Mar. 26		61								1			1
Palermo.....	Mar. 5	340, 000	207	4					1				3	
Do.....	Mar. 12		162	3					1				8	
Do.....	Mar. 19		199	7							1		3	
Para.....	Mar. 26	185, 000	100	8			10							
Do.....	Apr. 2		110	5			5							
Paris.....	Mar. 26	2, 776, 394	1, 031	228				1		3	5	8	22	9
Port Elizabeth.....	Mar. 12	32, 959	14	2								1		
Prague.....	Mar. 26	233, 649	147	29							1		2	
Quebec.....	Apr. 9	81, 000	4										1	
Rangoon.....	Mar. 5	252, 155	204	6	9	1		36						
Rotterdam.....	Mar. 26	419, 180	142								1	2		
Do.....	Apr. 2		121								2			
Santa Cruz de Teneriffe.....	Mar. 26	46, 000	26	2					1		5	2		
St. Petersburg.....	do.	45, 497	22							1			1	
St. Petersburg.....	Mar. 19	1, 678, 000	935	164				13	2	13	17	24	65	12
Shanghai.....	Mar. 13	565, 000	148	10				7			2	1		
Sheffield.....	Mar. 26	472, 000	124	5								1		4
Do.....	Apr. 2		136	8										7
Stettin.....	Mar. 19	239, 000	74	8						1	2			
Do.....	Mar. 26		71	3							1		1	
Smyrna.....	Mar. 4	400, 000	70	11						2				
Do.....	Mar. 11		71	10						1				
Do.....	Mar. 18		93	18						2		2		

## 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.	Diphtheria.	Measles.	Whooping cough.
South Shields.....	Mar. 19	119,737	33	2									1	2
Do.....	Mar. 26		43	10									2	2
Sunderland.....	do	146,077	43	4										2
Talcahuana.....	Mar. 19	28,000								1				
Trieste.....	Mar. 12	218,727	124							1			12	3
Do.....	Mar. 19		126								1		1	1
Do.....	Mar. 26		115							1			2	
Tripoli.....	Mar. 5	42,000								1				
Do.....	Mar. 12									1				
Turin.....	Mar. 17	391,968	175	26						1		4	4	
Vienna.....	Mar. 12	2,085,888	683	111						1	2	8	13	4
Do.....	Mar. 19		705	110						2	5	7	20	3
Vigo.....	Mar. 26	40,000	9	1						3				
Vladivostok.....	Feb. 28	90,162	13							1	2			
Yokkaichi.....	Feb. 19	70,000	15	2									3	
Do.....	Feb. 26		9	2									2	
Do.....	Mar. 6		10	1										
Do.....	Mar. 12		29	1									3	
Yokohama.....	Mar. 21	392,780		1								3		

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

AUSTRALIA—NEW SOUTH WALES—*Newcastle*.—Month of January, 1910. Population, 53,450. Total number of deaths from all causes 45, including typhoid fever 5, tuberculosis 6.

BRAZIL—*Pernambuco*.—January 15 to 31, 1910. Population, 210,000. Total number of deaths from all causes 406, including smallpox 71, measles 3, plague 1, tuberculosis 70.

February 1 to 15, 1910. Total number of deaths 423, including typhoid fever 1, smallpox 79, measles 3, plague 2, tuberculosis 53.

CANADA—*Sherbrooke*.—Month of March, 1910. Population, 15,300. Total number of deaths from all causes 17, including typhoid fever 1, diphtheria 1, tuberculosis 2.

FRANCE—*Toulon*.—Month of March, 1910. Population, 101,602. Total number of deaths from all causes 186, including typhoid fever 2, tuberculosis 22.

GREAT BRITAIN.—Week ended March 19, 1910:

*England and Wales*.—The deaths registered in 76 great towns correspond to an annual rate of 13.5 per 1,000 of the population, which is estimated at 16,713,617.

*Ireland*.—The deaths registered in 21 principal town districts correspond to an annual rate of 19 per 1,000 of the population, which is estimated at 1,151,790. The lowest rate was recorded at Dundalk, viz, 4, and the highest at Tralee, viz, 42.3 per 1,000.

*Scotland*.—The deaths registered in 8 principal towns correspond to an annual rate of 16.9 per 1,000 of the population, which is estimated at 1,864,194. The highest rate was recorded at Dundee, viz, 22.1, and the lowest at Edinburgh and Paisley, viz, 15.1. The total number of deaths from all causes was 612, including typhoid fever 2, measles 35, scarlet fever 4, diphtheria 8.

*MALTA*.—Two weeks ended March 19, 1910. Population, 212,888. Total number of deaths from all causes 170, including typhoid fever 5, tuberculosis 4.

*MEXICO—Matamoros*.—Month of March, 1910. Population 8,000. Total number of deaths from all causes 6, including typhoid fever 1, tuberculosis 5.

*SIAM—Bangkok*.—Month of February, 1910. Population 600,000. Total number of deaths from all causes, not reported. Deaths from contagious disease, include smallpox 6, cholera 3, plague 20.

*SOUTH AFRICA—Johannesburg*.—Two weeks ended March 5, 1910. Population 180,687. Total number of deaths from all causes 157, including typhoid fever 6, scarlet fever 1, diphtheria 2, tuberculosis 13.

*SPAIN—Malaga*.—Month of February, 1910. Population 135,000. Total number of deaths from all causes 355, including typhoid fever 5, measles 2, scarlet fever 1, tuberculosis 25.

By authority of the Secretary of the Treasury:

WALTER WYMAN,

*Surgeon-General,*

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