

# PUBLIC HEALTH REPORTS.

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OCTOBER 23, 1910.

No. 43.

## POLIOMYELITIS IN THE UNITED STATES.

In continuation of the information relative to the prevalence of poliomyelitis in the United States, published in the Public Health Reports of September 30, 1910, the following has been received:

### CALIFORNIA.

During<sup>1</sup> September, 1910, 13 cases of poliomyelitis were reported in California, as follows: Berkeley, 6; San Francisco, 5; Stockton, San Joaquin County, 1; Trenton, Sonoma County, 1. (California State Board of Health.)

### COLORADO.

During September, 1910, 4 cases of poliomyelitis were reported in Colorado as follows: Kit Carson County, 1; Otero County, 3. (Secretary Colorado State Board of Health.)

### CONNECTICUT.

During<sup>1</sup> August 36 cases were reported as follows: Bethel, 1; Bridgeport, 4; Clinton, 1; Danbury (city), 2; Easton, 1; Enfield, 3; Groton (borough), 1; Guilford, 1; Haddam, 1; Hartford, 6; Meriden (city), 6; Meriden (town), 1; Plainfield, 2; Plymouth, 1; Suffield, 3; Waterbury, 2. Total, 36 cases in 16 towns.

During September cases were reported from every county except Litchfield, 71 cases in all being reported. (Secretary Connecticut State Board of Health.)

### FLORIDA.

The state health officer reports that in August and September, 1907, at Live Oak, in Suwanee County, there were 16 cases of poliomyelitis with 1 death; in September, 1907, at the insane hospital at Chattahoochee, Gadsden County, there were 2 cases in adult males; in September, 1910, there were 2 cases in Duval County and 2 cases in Putnam County.

### ILLINOIS.

During August 15 cases were reported from the following places: Hamilton, Hancock County; Plainville, Adams County; Balcom, Union County; Glenview, Cook County; Rock Island, Rock Island County. (Secretary Illinois State Board of Health.)

## INDIANA.

The secretary of the state board of health reports that the following deaths from poliomyelitis have been recorded in Indiana: In 1909, 20 deaths. In 1910, 3 deaths in January, 4 in February, 2 in March, 1 in April, 3 in May, 1 in June, and 3 in July. He also states that the disease is not at present a reportable one in the State, but that it will probably be made so, and invites attention to the need of physicians informing themselves in regard to the differential diagnosis of poliomyelitis, 4 deaths reported in Indiana as due to this disease having been in reality tuberculous meningitis.

## IOWA.

Occasional cases of infantile or spinal paralysis have been noted in Iowa for years, but only during the last year has it assumed any great importance. During 1909 15 deaths were reported as due to this disease. In April, 1910, a few cases appeared at Mason City, Cerro Gordo County, where in May and June a well-marked epidemic developed. During the present year cases and deaths have been reported as follows: One death in February, 1 in March, 1 in April, 1 in May, 18 cases and 1 death in June, and 49 cases and 6 deaths in July. From January 1 to August 24, 1910, a total of 186 cases, with 29 deaths, was reported from 47 counties. (Secretary State Board of Health and Iowa Health Bulletin, Vol. XXIV, No. 1.)

## KANSAS.

During July, August, and September, 1910, 144 cases of poliomyelitis, with 34 deaths, were reported from 37 counties. (Secretary Kansas State Board of Health.)

## MARYLAND.

During August, 1910, 3 cases of poliomyelitis and 10 deaths were reported from Montgomery and Prince George counties. (State Department of Health.)

## MASSACHUSETTS.

During August approximately 118 cases of poliomyelitis were reported from the following localities: Agawam, Amherst, Arlington, Barnstable, Blandford, Boston, Bridgewater, Brockton, Cambridge, Chicopee, Dartmouth, Deerfield, Fall River, Fitchburg, Goshen, Hadley, Holyoke, Ipswich, Lawrence, Leominster, Lynn, Manchester, Milford, Monson, Needham, New Bedford, Newton, Northampton, Palmer, Quincy, Rockport, Southampton, Springfield, Taunton, Watertown, West Springfield, Westfield, Weston, Westport, and Worcester. During September there were approximately 114 cases reported from the following places: Amesbury, Attleboro, Bedford, Boston, Chicopee, Conway, Danvers, Deerfield, Douglas, East Longmeadow, Easthampton, Everett, Fall River, Fitchburg, Greenfield, Hardwick, Holland, Holyoke, Kingston, Lawrence, Lowell, Ludlow, Lunenburg, Lynn, Manchester, Medford, Middleboro, Monson, New Bedford, Newton, North Attleboro, Northampton, North-

field, Palmer, Pittsfield, Plymouth, Quincy, Russell, Rutland, Somerville, Southbridge, Springfield, Stockbridge, Swansea, Taunton, Townsend, Upton, Uxbridge, Waltham, Warren, Wellesley, Westfield, Westport, Westwood, Williamsburg, Winthrop, and Worcester. (Secretary Massachusetts State Board of Health.)

#### MICHIGAN.

The first cases of poliomyelitis to come directly under the observation of the state department of health were reported during August, 1910. The cases occurred in Hillsdale County, 5 in the village of Camden and 2 in Reading Township. The disease was first reported as meningitis, but a representative of the state board of health ascertained the condition to be poliomyelitis. Four of the cases were taken ill in July.

During September 10 cases with 4 deaths were reported from the following places: Coldwater; Sebawaing; Sherwood; Ingersoll Township, Midland County; Sherman Township, Newaygo County; White Pigeon; White Pigeon Township, St. Joseph County. (Secretary Michigan State Board of Health.)

#### NEBRASKA.

Dr. H. M. McClanahan, in an article on the Nebraska epidemic of poliomyelitis in 1909, refers to 999 cases reported from 18 counties. (Jour. Am. Med. Assn., Oct. 1, 1910, p. 1160.)

#### NEW JERSEY.

At a meeting of the board of health of the State of New Jersey, held on August 30, 1910, the following resolution was adopted:

*Resolved*, That in accordance with the power conferred upon the state board of health by the provisions of section 1 of chapter 260 of the laws of 1895, anterior poliomyelitis or infantile paralysis is hereby added to the list of diseases which shall hereafter be reported by physicians to local boards of health, in accordance with the provisions of said act.

#### NORTH DAKOTA.

During August 29 cases of poliomyelitis were reported from the following counties: Billings, 1; Burleigh, 9; Grand Forks, 1; Hettinger, 3; Logan, 2; McKenzie, 1; Sargent, 5; Stark, 2; Stutsman, 5; and during September 38 cases from the following counties: Grand Forks, 4; Dunn, 9; Griggs, 2; Lamoure, 3; Logan, 3; Wells, 17. (Secretary North Dakota State Board of Health.)

#### OKLAHOMA.

During August 5 cases of poliomyelitis with 4 deaths were reported from the following counties: Craig, 1; Beaver, 1; Roger, 1; Woodward, 2. (State Commissioner of Health.)

#### SOUTH DAKOTA.

During August 15 cases of poliomyelitis with 1 death were reported from the following counties: Brookings, 2; Grant, 4; Hughes, 1; Kingsbury, 4; Minnehaha, 2; Moody, 1; Walworth, 1. (State Superintendent of Health.)

**VIRGINIA.**

Up to October 12, 326 cases of poliomyelitis had been reported as occurring in Virginia since January 1, 1910. The disease was reported from many counties and showed a wide distribution. (Virginia State Commissioner of Health.)

**WASHINGTON.**

During August, 1910, 103 cases of poliomyelitis with 15 deaths were reported from the following counties: King, 41; Spokane, 9; Whatcom, 9; Okanogan, 7; Skagit, 4; Yakima, 4; Whitman, 3; Adams, 3; Grant (?), 3; Lincoln, 4; Asotin, 2; Kitsap, 2; Lewis, 2; Snohomish, 2; Wallawalla, 2; Thurston, 1; Pierce, 2; Kittitas, 1; Clarke, 1; Clallam, 1. (State Board of Health.)

*Cases and deaths reported, by States, for months of August and September, 1910.*

State.	August.		September.		Remarks.
	Cases.	Deaths.	Cases.	Deaths.	
California.....			13	2	
Colorado.....			4		
Connecticut.....	36	9	71	10	
District of Columbia.....	93	11			
Florida.....			4		
Illinois.....	15	5			
Iowa.....	137	40	182	33	
Kansas.....					87 cases and 19 deaths reported during August and September.
Maryland.....	3	10			
Massachusetts.....	≈ 118		≈ 114		
Michigan.....	7	2	10	4	
North Dakota.....	29	1	38	1	
Oklahoma.....	5	4			
South Dakota.....	15	1			
Virginia.....	♣ 30		♣ 18		Jan. 1 to Oct. 12, 1910, 326 cases were reported.
Washington.....	103	15			

♣ Approximate.

♣ This is a minimum number.

**PREVENTION OF CHOLERA.****SURVEILLANCE OVER IMMIGRANTS TO DESTINATION.**

The following letter and its inclosure, addressed to the several state boards of health, is descriptive of a plan adopted to keep surveillance over immigrants from cholera-infected countries at their points of destination in the United States:

OCTOBER 23, 1910.

SIR: The inclosed immigrant destination card indicates a plan for keeping surveillance over immigrants from cholera-infected countries arriving in your State.

It will aid in the detection of a chance cholera bacillus carrier, and will call attention to the necessity of investigating suspicious illness among arrived immigrants, or those associating with them.

Timely opportunity will thus be given for precautionary isolation and disinfection while investigation of the case is being made, and for prompt preventive measures should the case prove to be of the suspected character. The "destination card" will be filled out by the immigration inspectors and forwarded to you by the medical officers at the immigration stations; and the plan, which it is hoped will receive your cooperation, contemplates your forwarding the cards to the health officers of the localities indicated thereon.

They will be sent first from Ellis Island, N. Y., and shortly thereafter from the other ports as soon as the arrangements can be perfected.

Despite the quarantine restraints at foreign and domestic ports, this surveillance is considered necessary as an additional measure.

Your attention is invited to the inclosed public health reports of October 21, 1910, containing an account of the recent detection of a bacillus carrier at the New York quarantine.

Respectfully,

WALTER WYMAN,  
*Surgeon-General.*

[One inclosure.]

[Inclosure]  
[BACK.]

*Immigrant destination card.*

ELLIS ISLAND, N. Y.

MONTH.

Jan.	Feb.	Mar.	Apr.	May.	June.
July.	Aug.	Sept.	Oct.	Nov.	Dec.

DAY.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	

Name of immigrant.....  
 From what country? ITALY. RUSSIA.  
 (Check indicates the country.)

DESTINATION.

Ala.	Cal.	Del.	Ga.	Ind.	Ky.	Md.	Minn.	Nebr.	N. J.	N. C.	Okla.	R. I.	Tenn.	Vt.	W. Va.
Ariz.	Colo.	D. C.	Idaho.	Iowa.	La.	Mass.	Mo.	Nev.	N. Mex.	N. Dak.	Oreg.	S. C.	Tex.	Va.	Wis.
Ark.	Conn.	Fla.	Ill.	Kans.	Me.	Mich.	Mont.	N. H.	N. Y.	Ohio.	Pa.	S. Dak.	Utah.	Wash.	Wyo.

State .....  
 Town or city..... Street and number.....

*Initials of Inspector* .....

[Inclosure.]

*Immigrant destination card.*

[REVERSE.]

TREASURY DEPARTMENT, WASHINGTON, D. C.

On information received from the Commissioner of Immigration, this card is sent to the state boards of health that they may be informed of immigrants coming into the States from countries in which at the present time cholera is prevalent, whether generally prevalent or only in certain districts. The person named on the reverse has been subject to the quarantine regulations at foreign ports, the quarantine inspection at the domestic port, and also the subsequent immigration examination. Notwithstanding these precautions, it is advisable to exercise surveillance over arrived immigrants from the cholera-infected countries as named on the reverse, and to this end it is suggested that this card be sent to the local health officer at the point of destination, so that he may examine into any case of sudden or fatal gastro-enteritis or diarrhea among immigrants to determine its actual nature, and if any doubt exists, to report to the State Board of Health or to the Public Health and Marine-Hospital Service at Washington. This card should not be confounded with the information required by paragraph 67, United States Quarantine Regulations, promulgated October 20, 1910, relating to immigrants who have arrived on a vessel on which infection has appeared and whose destination after quarantine detention and disinfection would be sent by telegraph or mail.

SURGEON-GENERAL,  
*U. S. Public Health and Marine-Hospital Service.*

# UNITED STATES.

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

## PLAGUE-PREVENTION WORK.

Surgeon Blue reports:

### ANIMALS EXAMINED FOR PLAGUE INFECTION.

During the week ended October 8, 1910, there were examined for plague infection at the federal laboratory at San Francisco and the branch laboratories at Oakland and Los Angeles, Cal., animals as follows: Squirrels 3,082, rabbits 16, gophers 1, rats 2,036. The rats were identified as follows: *Mus norvegicus* 1,576, *Mus rattus* 108, *Mus alexandrinus* 310, *Mus musculus* 42.

The total number of animals examined was 5,135. No plague-infected animals were found.

### DISTRIBUTION OF POISON.

In connection with the making of a squirrel-free zone around the cities on San Francisco Bay, 700 acres of land in Contra Costa County, 8 in Merced County, and 340 in San Mateo County were covered with poison during the week ended October 8, 1910.

### SEATTLE, WASH.

Assistant Surgeon Chapin reports:

During the week ended October 8, 1910, 881 rats were collected. Of these 756 were necropsied and examined for plague infection. No plague-infected rats were found.

### Record of Plague Infection.

Place.	Date of last case of human plague.	Date of last case of rodent plague.	Total number of rodents found infected since May, 1907.
<b>California:</b>			
<b>Cities—</b>			
San Francisco.....	Jan. 30, 1908	Oct. 23, 1908	398 rats.
Oakland.....	Oct. 26, 1909	Dec. 1, 1908	126 rats.
Berkeley.....	Aug. 28, 1907	None recorded.	
Los Angeles.....	Aug. 11, 1908	Aug. 21, 1908	1 squirrel.
<b>Counties:</b>			
Alameda (exclusive of the city of Oakland).....	Sept. 26, 1909	May 30, 1910	88 squirrels, 1 wood rat.
Contra Costa.....	July 21, 1908	Sept. 10, 1910	247 squirrels.
Merced.....	None recorded.	June 6, 1910	2 squirrels.
Monterey.....	do.	do.	4 squirrels.
San Benito.....	June 5, 1910	July 11, 1910	20 squirrels.
San Joaquin.....	None recorded.	Aug. 19, 1910	6 squirrels.
San Luis Obispo.....	do.	Jan. 29, 1910	1 squirrel.
Santa Clara.....	Sept. 5, 1910	June 22, 1910	22 squirrels.
Santa Cruz.....	None recorded.	May 17, 1910	3 squirrels.
Stanislaus.....	do.	May 21, 1910	5 squirrels.
<b>Washington:</b>			
Seattle.....	Oct. 30, 1907	Feb. 8, 1910	22 rats.



## Rats Collected and Examined for Plague Infection.

Place.	Week ended.	Found dead.	Total collected.	Examined.	Found infected.
<b>California:</b>					
Berkeley.....	Oct. 8.....		a 124	124	
Oakland.....	do.....	23	b 717	586	
San Francisco.....	do.....	59	c 1,827	1,326	
<b>Washington:</b>					
Seattle.....	do.....		881	756	
Total.....		82	3,549	2,792	

a Identified, *Mus norvegicus* 82, *Mus musculus* 42.

b Identified, *Mus norvegicus* 581, *Mus rattus* 3, *Mus musculus* 131, *Mus alexandrinus* 2.

c Identified, *Mus norvegicus* 1,358, *Mus rattus* 105, *Mus musculus* 301, *Mus alexandrinus* 308.

## Squirrels Collected and Examined for Plague Infection.

Place.	Week ended—	Trapped and shot.	Found dead.	Examined.	Found infected.
<b>California:</b>					
<b>Cities—</b>					
San Francisco.....	Oct. 8.....	9		9	
<b>Counties—</b>					
Calaveras.....	do.....	109		109	
Contra Costa.....	do.....	174	9	183	
Fresno.....	do.....	216		209	
Los Angeles.....	do.....	313		313	
Madera.....	do.....	37		37	
Merced.....	do.....	88	14	102	
Monterey.....	do.....	266	1	259	
Sacramento.....	do.....	189		183	
San Joaquin.....	do.....	303		265	
San Luis Obispo.....	do.....	971		955	
San Mateo.....	do.....	13	34	47	
Santa Clara.....	do.....	67		67	
Solano.....	do.....	228		225	
Tuolumne.....	do.....	119		119	
Total.....		3,102	58	3,073	

## Other Animals Collected and Examined.

Place.	Week ended—	Animals collected.	Examined.	Found infected.
<b>California:</b>				
<b>Cities—</b>				
San Francisco.....	Oct. 8.....	3 gophers.....	1	
<b>Counties—</b>				
Calaveras.....	do.....	5 rabbits.....	5	
Madera.....	do.....	6 rabbits.....	6	
Santa Clara.....	do.....	2 rabbits.....	2	
Tuolumne.....	do.....	3 rabbits.....	3	
Total.....			17	

## Investigation as to Prevalence of Ground Squirrels.

Doctor Blue further reports, October 17:

An investigation has been made in the past month as to the prevalence of ground squirrels on the borders of Arizona and Nevada. The following places, selected on account of being accessible to the railroads, were investigated and found to be free from squirrel infestation:

The Needles, San Bernardino County, Cal., on both sides of the Colorado River; Calada, San Bernardino County, Cal.; Las Vegas and Jean, Nev.

As a result of actual observations the hunters report that there are no squirrels in or near these towns. Prominent residents state that squirrels have never been encountered in those sections.

The same observation has been made at Daggett, a town on the Santa Fe Railroad in San Bernardino County.

The investigation of southern borders has been held in reserve for the winter season.

**SMALLPOX IN THE UNITED STATES.**

**Reports Received During Week Ended October 28, 1910.**

Place.	Date.	Cases.	Deaths.	Remarks.
<b>North Carolina:</b>				
Beaufort County.....	Sept. 1-30.....	2		Present.
Caldwell County.....	Sept. 1-30.....	1		
Cumberland County.....	Sept. 1-30.....	3		
Durham County.....	Sept. 1-30.....	2		
Franklin County.....	Sept. 1-30.....	12		
Marlin County.....	Sept. 1-30.....	2		
Mitchell County.....	Sept. 1-30.....	1		
Fender County.....	Sept. 1-30.....	1		
Pitt County.....	Sept. 1-30.....	3		
Robeson County.....	Sept. 1-30.....	15		
Scotland County.....	Sept. 1-30.....	1		
Union County.....	Sept. 1-30.....	3		
<b>Tennessee:</b>				
Shelby County.....	Aug. 1-Sept. 30.....	6		
Memphis.....	Oct. 9-15.....	1		
<b>Washington:</b>				
Adams County.....	June 1-30.....	1		
Chehalis County.....	June 1-30.....	3		
Chelan County.....	June 1-30.....	1		
Pierce County.....				
Tacoma.....	June 1-30.....	1		
Snohomish County.....				
Everett.....	June 1-30.....	5		
Spokane County.....				
Spokane.....	June 1-30.....	14		
Whitman County.....	June 1-30.....	9		
Yakima County.....	June 1-30.....	2		
Pierce County.....				
Tacoma.....	July 1-31.....	1		
Skagit County.....	July 1-31.....	2		
Spokane County.....				
Spokane.....	July 1-31.....	4		
Whitman County.....	July 1-31.....	4		
Yakima County.....	July 1-31.....	2		
Pierce County.....				
Tacoma.....	Aug. 1-31.....	3		
Thurston County.....	Aug. 1-31.....	1		
Yakima County.....	Aug. 1-31.....		1	

**Reports Received from June 25 to October 21, 1910.**

[For reports received from January 1, 1910, to June 24, 1910, see Public Health Reports for June 24, 1910. 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.....	June 12-Aug. 6.....	11		
Mobile.....	June 12-Oct. 8.....	20		
Montgomery.....	June 12-25.....	6		
Total for State.....		37		
<b>Arkansas:</b>				
Fort Smith.....	June 19-25.....	1		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to October 21, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>California, general</b> .....	May 1-June 30.....	27		
Amador County.....	July 1-Aug. 31.....	2		
Hamlet County.....	Aug. 1-31.....	2		
Los Angeles County.....	July 1-31.....	1		
Sacramento County.....	Aug. 1-31.....	1		
San Francisco County.....	July 1-Aug. 31.....	2		
San Joaquin County.....	July 1-Aug. 31.....	4		
Santa Clara County.....	July 1-31.....	2		
<b>Total for State</b> .....		<b>41</b>		
<b>Colorado:</b>				
Conejos County.....	Apr. 1-30.....		1	} Received out of date.
Las Animas County.....	Mar. 1-Apr. 30.....		2	
Logan County.....	May 1-31.....		1	
Montrose County.....	Apr. 1-30.....		1	
Adams County.....	July 1-31.....	3		
Archuleta County.....	June 1-Sept. 30.....	18		
Chaffee County.....	July 1-Aug. 31.....	3		
Clear Creek County.....	Aug. 1-31.....	1		
Conejos County.....	June 1-Aug. 31.....	4		
Delta County.....	June 1-30.....	2		
Denver County.....	June 1-Sept. 30.....	51		
El Paso County.....	July 1-Aug. 31.....	3		
Huerfano County.....	June 1-Sept. 30.....	19		
Kit Carson County.....	June 1-30.....	4		
Larimer County.....	June 1-30.....	1		
Las Animas County.....	June 1-Aug. 31.....	7		
Logan County.....	June 1-30.....	1		
Mesa County.....	June 1-30.....	1		
Montezuma County.....	Sept. 1-30.....	1		
Montrose County.....	June 1-30.....	5		
Otero County.....	June 1-Sept. 30.....	5		
Prowers County.....	June 1-Sept. 30.....	17		
Pueblo County.....	July 1-31.....	1		
Rio Grande County.....	June 1-30.....	4		
Saguache County.....	June 1-July 31.....	13		
San Miguel County.....	June 1-30.....	1	1	
Teller County.....	June 1-Sept. 30.....	6		
Weld County.....	June 1-30.....	5		
<b>Total for State</b> .....		<b>183</b>	<b>6</b>	
<b>District of Columbia</b> .....	July 3-Sept. 17.....	15		
<b>Total for District</b> .....		<b>15</b>		
<b>Florida:</b>				
Brevard County.....	Aug. 7-13.....	1		
Duval County.....	June 19-25.....	2		
Gadsden County.....	July 3-Aug. 13.....	11		
Hillsboro County.....	July 17-Aug. 6.....	2		
Jackson County.....	June 19-Aug. 6.....	3		
Jefferson County.....	July 10-Aug. 6.....	4		
Leon County.....	Mar. 1-31.....		1	
Liberty County.....	July 17-23.....	14		
Santa Rosa County.....	July 31-Aug. 6.....	2		
Taylor County.....	July 3-9.....	1		
Walton County.....	June 12-18.....	1		
<b>Total for State</b> .....		<b>41</b>	<b>1</b>	
<b>Georgia:</b>				
Columbus.....	July 3-9.....	6		
Macon.....	Apr. 1-June 30.....	8		
<b>Total for State</b> .....		<b>14</b>		
<b>Illinois:</b>				
Adams County.....	June 1-30.....	2		
Clay County.....	June 1-30.....	1		
Coles County.....	June 1-Aug. 31.....	30		
Cook County.....	June 1-30.....	1		
Chicago.....	June 1-Aug. 31.....	3		
Edgar County.....	June 1-30.....	2		
Franklin County.....	June 1-30.....	1		
Henry County.....	July 1-31.....	3		
Iroquois County.....	June 1-30.....	1		
Jo Daviess County.....	June 1-July 31.....	9		
Kendall County.....	June 1-July 31.....	2		
Knox County.....	June 1-July 31.....	6		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to October 21, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Illinois—Continued.</b>				
Madison County.....	June 1-Aug. 31.....	23		
Marion County.....	June 1-30.....	3		
Montgomery County.....	June 1-30.....	6		
Peoria County.....	June 1-Aug. 31.....	6		
Perry County.....	June 1-30.....	1		
Pulaski County.....	June 1-30.....	1		
Randolph County.....	June 1-30.....	1		
Richland County.....	June 1-Aug. 31.....	9		
Rock Island County.....	June 1-Aug. 31.....	8		
St. Clair County.....	June 1-30.....	1		
Sangamon County.....	June 1-30.....	1		
Tazewell County.....	June 1-30.....	2		
Union County.....	June 1-30.....	4		
Wayne County.....	June 1-30.....	3		
Williamson County.....	June 1-30.....	2		
<b>Total for State.....</b>		<b>132</b>		
<b>Indiana, general.</b>				
Allen County.....	Aug. 1-31.....	6		
Allen County.....	May 1-June 30.....	8		
Carroll County.....	June 1-30.....	1		
Clay County.....	June 1-30.....	2		
Clinton County.....	May 1-31.....	1		
Dekalb County.....	June 1-30.....	1		
Delaware County.....	May 1-31.....	4		
Elkhart County.....	May 1-31.....	1		
Gibson County.....	May 1-31.....	1		
Grant County.....	May 1-June 30.....	13		
Greene County.....	May 1-31.....	9		
Howard County.....	May 1-June 30.....	21		
Lake County.....	June 1-30.....	1		
Madison County.....	June 1-30.....	6		
Marion County.....	May 1-June 30.....	6		
Marshall County.....	June 1-30.....	1		
Martin County.....	June 1-30.....	4		
Miami County.....	June 1-30.....	6		
Montgomery County.....	June 1-30.....	6		
Orange County.....	May 1-31.....	18		
Owen County.....	May 1-June 30.....	23		
Putnam County.....	June 1-30.....	1		
St. Joseph County.....	May 1-June 30.....	10		
Tipton County.....	May 1-31.....	1		
Vigo County.....	May 1-June 30.....	28		
Warren County.....	June 1-30.....	1		
Wayne County.....	June 1-30.....	6		
<b>Total for State.....</b>		<b>186</b>		
<b>Iowa:</b>				
Benton County.....	June 1-July 31.....	4		
Buchanan County.....	June 1-30.....	2		
Cedar County.....	July 1-31.....	1		
Clayton County.....	June 1-30.....	1		
Dallas County.....	June 1-30.....	1		
Delaware County.....	June 1-30.....	10		
Dubuque County.....	June 1-30.....	1		
Linn County.....	June 1-Sept. 30.....	42		
Plymouth County.....	Aug. 1-31.....	1		
Polk County.....	June 1-Sept. 30.....	20		
Pottawattamie County.....	June 1-Aug. 31.....	21		
Scott County.....	June 1-July 31.....	4		
Warren County.....	Aug. 1-Sept. 30.....	14		
Webster County.....	July 1-31.....	1		
Winneshiek County.....	June 1-30.....	1		
Woodbury County.....	June 1-30.....	1		
<b>Total for State.....</b>		<b>125</b>		
<b>Kansas:</b>				
Allen County.....	May 1-July 31.....	39		
Atchison County— Atchison.....	Apr. 1-May 31.....	7		
Barton County.....	June 1-July 31.....	7		
Butler County.....	Apr. 1-June 30.....	8		
Cherokee County.....	June 1-30.....	4		
Clay County.....	July 1-31.....	1		
Coffey County.....	July 1-31.....	1		
Cowley County.....	Apr. 1-July 31.....	12		
Crawford County.....	June 1-30.....	4	1	
Decatur County.....	Apr. 1-July 31.....	37		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to October 21, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Kansas—Continued.</b>				
Dickinson County.....	May 1-June 30.....	10		
Doniphan County.....	Apr. 1-30.....	4		
Edwards County.....	Apr. 1-June 30.....	4		
Elk County.....	May 1-July 31.....	6		
Ellis County.....	July 1-31.....	3		
Ellsworth County.....	Apr. 1-30.....	1		
Finney County.....	Apr. 1-30.....	2		
Ford County.....	June 1-30.....	1		
Graham County.....	Apr. 1-May 31.....	6		
Greenwood County.....	Apr. 1-June 30.....	56		
Harper County.....	May 1-June 30.....	3		
Harvey County.....	Apr. 1-June 30.....	22		
Hodgeman County.....	July 1-31.....	1		
Jewell County.....	May 1-June 30.....	21		
Kearny County.....	Apr. 1-May 31.....	5		
Kingman County.....	Apr. 1-June 30.....	4		
Labette County—				
Parsons.....	Apr. 1-July 31.....	12		
Lane County.....	May 1-31.....	2		
Leavenworth County.....	Apr. 1-May 31.....	8		
Leavenworth.....	May 1-June 30.....	2		
Lyon County.....	June 1-30.....	11		
Marion County.....	July 1-31.....	1		
McPherson County.....	May 1-June 30.....	14		
Miami County.....	Apr. 1-May 31.....	2		
Montgomery County.....	Apr. 1-July 31.....	63	2	
Coffeyville.....	Apr. 1-June 30.....	12		
Nemaha County.....	July 1-31.....	2		
Neosho County.....	May 1-July 31.....	38		
Norton County.....	Apr. 1-June 30.....	50		
Osage County.....	Apr. 1-May 31.....	6		
Osborne County.....	Apr. 1-June 30.....	33		
Pawnee County.....	Apr. 1-30.....	3		
Phillips County.....	May 1-31.....	6		
Pratt County.....	June 1-July 31.....	2		
Rawlins County.....	June 1-30.....	1		
Reno County.....	Apr. 1-June 30.....	23	3	
Riley County.....	Apr. 1-May 31.....	5		
Rush County.....	Apr. 1-30.....	3		
Saline County.....	Apr. 1-June 30.....	21		
Scott County.....	Apr. 1-May 31.....	5		
Sedgwick County.....	Apr. 1-May 31.....	7		
Wichita.....	Apr. 1-July 31.....	52		
Seward County.....	May 1-31.....	2		
Shawnee County.....	June 1-30.....	1		
Topeka.....	July 1-31.....	7		
Sheridan County.....	Apr. 1-30.....	1		
Sherman County.....	May 1-31.....	1		
Stafford County.....	June 1-July 31.....	4		
Sumner County.....	May 1-31.....	4		
Thomas County.....	Apr. 1-May 31.....	2	1	
Trego.....	June 1-30.....	1		
Wallace County.....	June 1-30.....	1		
Wyandotte County.....	Apr. 1-30.....	4		
Kansas City.....	Apr. 1-June 30.....	57		
<b>Total for State.....</b>		<b>744</b>	<b>7</b>	
<b>Kentucky:</b>				
Covington.....	June 26-July 2.....	1		
<b>Total for State.....</b>		<b>1</b>		
<b>Louisiana:</b>				
Ayoelles Parish.....	June 1-30.....	12		
Calcasieu Parish.....	June 1-30.....	2		
Iberia Parish.....	June 1-30.....	19		
Orleans Parish.....	June 1-30.....			
New Orleans.....	June 12-Oct. 8.....	84		
St. John Parish.....	June 1-30.....	10		
St. Tammany Parish.....	June 1-30.....	2		
Tangipahoa Parish.....	June 1-30.....	25		
Vermillion Parish.....	June 1-30.....	30		
<b>Total for State.....</b>		<b>204</b>		
<b>Maine:</b>				
Biddeford.....	May 1-31.....	1		
<b>Total for State.....</b>		<b>1</b>		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to October 21, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Maryland:</b>				
Allegany County—	May 1-July 31.....	2		
Cumberland.....				
Total for State.....		2		
<b>Massachusetts:</b>				
Middlesex County.....	July 1-31.....	1		
Suffolk County.....	June 1-July 31.....	8		
Total for State.....		9		
<b>Michigan:</b>				
Alcona County.....	June 1-30.....	1		} Reported out of date.
Arenac County.....	June 1-30.....	2		
Baraga County.....	Aug. 1-31.....	5		
St. Clair County.....	May 1-31.....	43		
Bay County.....	June 1-Sept. 30.....	10	2	
Benzie County.....	Sept. 1-30.....	1		
Berrien County.....	July 1-Aug. 31.....	2		
Cheboygan County.....	June 1-Sept. 30.....	34		
Clare County.....	June 1-July 31.....	12		
Emmet County.....	Aug. 1-Sept. 30.....	7		
Eaton County.....	June 1-30.....	7		
Genesee County.....	June 1-Sept. 30.....	52		
Grand Traverse County.....	July 1-Aug. 31.....	6		
Gratiot County.....	June 1-Sept. 30.....	12		
Houghton County.....	June 1-30.....	3		
Huron County.....	June 1-July 31.....	12		
Ingham County.....	June 1-Aug. 31.....	10		
Ionia County.....	June 1-Aug. 31.....	7		
Isabella County.....	June 1-July 31.....	4		
Kalamazoo County.....	June 1-July 31.....	8		
Kent County.....	June 1-30.....	17		
Keweenaw County.....	July 1-31.....	1		
Lapeer County.....	June 1-July 31.....	16		
Livingston County.....	June 1-30.....	17		
Manistee County.....	June 1-Sept. 30.....	13	1	
Marquette County.....	June 1-30.....	1		
Mason County.....	June 1-Aug. 31.....	11		
Mecosta County.....	June 1-Aug. 31.....	7		
Midland County.....	June 1-July 31.....	11		
Missaukee County.....	June 1-Sept. 30.....	15		
Monroe County.....	June 1-30.....	2		
Montcalm County.....	July 1-31.....	1		
Muskegon County.....	June 1-30.....	2		
Newaygo County.....	June 1-30.....	2		
Osceola County.....	June 1-Sept. 30.....	7		
Ottawa County.....	June 1-30.....	1		
Rosecommon County.....	June 1-30.....	4		
Saginaw County.....	June 1-Aug. 31.....	40		
St. Clair County.....	June 1-Aug. 31.....	55		
Sanilac County.....	June 1-July 31.....	3		
Shiawassee County.....	June 1-Aug. 31.....	54		
Tuscola County.....	June 1-Aug. 31.....	23		
Wayne County.....	June 1-Aug. 31.....	19		
Total for State.....		560	3	
<b>Minnesota:</b>				
Pope County.....	Apr. 1-30.....		1	} Received out of date.
St. Louis County.....	June 1-30.....		1	
Rice County.....	Mar. 1-31.....		1	
Beltrami County.....	May 26-June 5.....	4		
Blue Earth County.....	June 6-12.....	1		
Brown County.....	Aug. 1-7.....	1		
Carver County.....	June 13-July 10.....	2		
Faribault County.....	May 26-Aug. 14.....	3		
Hennepin County.....	May 26-Sept. 4.....	64		
Kittson County.....	June 6-19.....	2		
Koochiching County.....	May 26-June 5.....	6		
Lesueur County.....	June 13-19.....	32		
Meeker County.....	June 6-12.....	1		
Mower County.....	July 11-Aug. 7.....	5		
Nicollet County.....	Aug. 12-18.....	1		
Ramsey County.....	June 13-Sept. 18.....	31		
Renville County.....	June 6-12.....	1		
Rice County.....	May 26-July 10.....	2		
St. Louis County.....	May 26-Aug. 28.....	13		
Stearns County.....	June 20-28.....	1		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to October 21, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Minnesota—Continued.</b>				
Steele County.....	June 6-19.....	2		
Wabasha County.....	June 13-28.....	2		
Washington County.....	Sept. 11.....	1		
Watonwan County.....	Sept. 5-11.....	1		
Wright County.....	July 4-31.....	2		
Total for State.....		178	3	
<b>Mississippi:</b>				
Marshall County.....	Sept. 25-Oct. 1.....	1		
Natchez.....	July 24-30.....	5		
Yazoo City.....	Sept. 25-Oct. 1.....	1		
Total for State.....		7		
<b>Missouri:</b>				
Andrew County.....	June 26-Oct. 8.....	11		
Kansas City.....	May 15-Aug. 20.....	36		
St. Louis.....	June 12-July 16.....	9		
Total for State.....		56		
<b>Montana:</b>				
Beaverhead County.....	June 1-30.....	1		
Cascade County.....	June 1-30.....	1		
Custer County.....	Apr. 1-30.....		1	
Dawson County.....	June 1-Aug. 31.....	14		
Fergus County.....	June 1-July 31.....	8		
Flathead County.....	June 1-30.....	1		
Meagher County.....	June 1-30.....	1		
Park County.....	June 1-Aug. 31.....	2		
Rosebud County.....	June 1-Aug. 31.....	4		
Silver Bow County.....	June 1-Aug. 31.....	12		
Butte.....	June 1-Aug. 31.....	43		
Teton County.....	July 1-31.....	2		
Yellowstone County.....	June 1-30.....	2		
Total for State.....		91	1	
<b>Nebraska:</b>				
Lincoln.....	Apr. 1-July 31.....	31		
South Omaha.....	June 1-30.....	3		
Total for State.....		34		
<b>New Jersey:</b>				
Cumberland County.....	June 1-Aug. 31.....	7		
Total for State.....		7		
<b>New York, general.....</b>				
June 1-Aug. 31.....		62	3	
<b>Erle County—</b>				
Buffalo.....	May 1-31.....	1		
Tonawanda Township.....	May 1-31.....	2		
<b>Niagara County—</b>				
Niagara Falls.....	May 1-31.....	1		
North Tonawanda.....	May 1-31.....	1		
St. Lawrence County.....	May 1-31.....	19		
Schenectady County.....	May 1-31.....	2		
Total for State.....		88	3	
<b>North Carolina:</b>				
Forsyth County.....	Feb. 1-28.....		1	} Received out of date.
Rowan County.....	Feb. 1-28.....		1	
Alamance County.....	Mar. 1-July 31.....	42		
Alexander County.....	Mar. 1-June 30.....	75		
Anson County.....	Apr. 1-July 31.....	11		
Ashe County.....	Mar. 1-31.....	12		
Beaufort County.....	Mar. 1-June 30.....	5		
Bladen County.....	Apr. 1-July 31.....	29		
Brunswick County.....	July 1-31.....	2		
Buncombe County.....	June 1-July 31.....	2		
Cabarrus County.....	Mar. 1-July 31.....	16		
Caldwell County.....	Mar. 1-Aug. 31.....	13	1	
Catawba County.....	Mar. 1-June 30.....	42		
Chatham County.....	Mar. 1-July 31.....	19		
Chowan County.....	Mar. 1-31.....	3		
Cleveland County.....	June 1-30.....			Few cases.

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to October 21, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>North Carolina—Continued.</b>				
Columbus County.....	Apr. 1-Aug. 31.....	25		
Craven County.....	Mar. 1-31.....	1		
Currutuck County.....	Mar. 1-June 30.....	23		
Davidson County.....	Mar. 1-July 31.....	15		
Davie County.....	Mar. 1-31.....	8		
Durham County.....	Mar. 1-Aug. 31.....	32		
Edgecombe County.....	June 1-30.....	1		
Forsyth County.....	Mar. 1-Aug. 31.....	29		
Franklin County.....	Mar. 1-31.....	5		
Gaston County.....	Mar. 1-July 31.....	14	2	
Graham County.....	Mar. 1-Apr. 30.....	8		
Greene County.....	Mar. 1-June 30.....	20		
Guilford County.....	Mar. 1-Aug. 31.....	69		
Halifax County.....	Mar. 1-31.....	40		
Haywood County.....	July 1-Aug. 31.....	10		
Henderson County.....	May 1-June 30.....	6		
Hertford County.....	Mar. 1-31.....	1		
Iredell County.....	June 1-July 31.....	26		
Johnson County.....	Apr. 1-May 31.....	4		Several cases in May.
Jones County.....	Mar. 1-31.....	1		Several cases in March.
Lee County.....	Mar. 1-June 30.....	6		
Lenoir County.....	Mar. 1-June 30.....	19		
Lincoln County.....	Mar. 1-July 31.....	4		
Madison County.....	Apr. 1-30.....	5		
Martin County.....	Apr. 1-July 31.....	5		
Mecklenburg County.....	Mar. 1-Aug. 31.....	36		
Mitchell County.....	Aug. 1-31.....			Few
Montgomery County.....	Mar. 1-Aug. 31.....	54		
Nash County.....	Mar. 1-Aug. 31.....	56		
New Hanover County.....	Mar. 1-Aug. 31.....	48		
Onslow County.....	Mar. 1-May 31.....	5		
Orange County.....	Mar. 1-July 31.....	51		
Pamlico County.....	Mar. 1-Aug. 31.....	6		
Pender County.....	Aug. 1-31.....	7		
Perquimans County.....	May 1-31.....	1		
Person County.....	May 1-July 31.....	7		
Pitt County.....	Mar. 1-Aug. 31.....	33		
Polk County.....	Mar. 1-31.....	7		
Richmond County.....	Apr. 1-30.....	2		
Robeson County.....	Apr. 1-Aug. 31.....	30		
Rockingham County.....	Mar. 1-31.....	48		
Rowan County.....	Mar. 1-July 31.....	45	1	
Sampson County.....	May 1-Aug. 31.....	3		
Scotland County.....	May 1-31.....	5		
Stanly County.....	Apr. 1-July 31.....	35		
Stokes County.....	Mar. 1-31.....	64		
Surry County.....	Mar. 1-31.....	4		
Union County.....	Mar. 1-Aug. 31.....	37		
Vance County.....	Apr. 1-30.....	4		
Wake County.....	Apr. 1-May 31.....	22		
Warren County.....	Apr. 1-Aug. 31.....	28		
Washington County.....	Mar. 1-Apr. 30.....	4		
Watauga County.....	Apr. 1-Aug. 31.....	36		
Wayne County.....	Apr. 1-May 31.....	6		
Wilkes County.....	Mar. 1-July 31.....	39		Few cases in June.
Wilson County.....	Mar. 1-June 30.....	25	1	
Yancey County.....	Mar. 1-31.....	26		
Total for State.....		1,420	7	
<b>North Dakota:</b>				
Bowman County.....	Aug. 1-31.....	37		
Cass County.....	June 1-Sept. 30.....	4		
Cavaller County.....	June 1-30.....	1		
Grand Forks County.....	June 1-10.....	4		
Logan County.....	June 1-30.....	1		
McKenzie County.....	June 1-30.....	1		
Morton County.....	July 1-31.....	4		
Pierce County.....	June 1-30.....	1		
Stark County.....	July 1-31.....	1		
Steele County.....	Sept. 1-30.....	1		
Stutsman County.....	Aug. 1-31.....	1		
Trall County.....	June 1-30.....	6		
Ward County.....	June 1-30.....	4		
Total for State.....		66		



## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to October 21, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Oklahoma, general</b> .....	Jan. 1-31.....		1	
Canadian County.....	Apr. 1-30.....		1	
Comanche County.....	Apr. 1-30.....		3	
Grady County.....	Apr. 1-30.....		1	Reported out of date.
Oklahoma County.....	Apr. 1-30.....		4	
Pottawatomie County.....	Apr. 1-30.....		2	
Atoka County.....	May 1-31.....	20		
Beckham County.....	May 1-31.....	2		
Blaine County.....	May 1-31.....	8		
Bryan County.....	Aug. 1-31.....	25		
Caddo County.....	May 1-Aug. 31.....	6		
Canadian County.....	May 1-Aug. 31.....	18	1	
Choctaw County.....	May 1-31.....	1		
Coal County.....	May 1-31.....	5		
Comanche County.....	May 1-31.....	4	1	
Custer County.....	May 1-31.....	9		
Garvin County.....	May 1-31.....	1		
Grady County.....	May 1-Aug. 31.....	13	7	
Haskell County.....	May 1-31.....	7		
Hughes County.....	May 1-31.....	42		
Jefferson County.....	May 1-31.....	3		
Kiowa County.....	May 1-31.....	1		
Lincoln County.....	May 1-31.....	4		
McLain County.....	May 1-31.....	9		
McIntosh County.....	May 1-31.....	11		
Murray County.....	May 1-31.....	1		
Muskogee County.....	May 1-31.....	5		
Noble County.....	May 1-31.....	8		
Nowata County.....	May 1-Aug. 31.....	9		
Okfuskee County.....	May 1-31.....	1		
Oklahoma County.....	May 1-Aug. 31.....	3	1	
Oklmulgee County.....	May 1-31.....	2		
Pawnee County.....	May 1-31.....	4		
Payne County.....	May 1-31.....	10		
Pittsburg County.....	May 1-Aug. 31.....	6	2	
Pontotoc County.....	May 1-31.....	12		
Seminole County.....	May 1-Aug. 31.....	3		
Sequoyah County.....	Aug. 1-31.....	1		
Texas County.....	May 1-31.....	4		
Tillman County.....	May 1-Aug. 31.....	3		
Tulsa County.....	May 1-Aug. 31.....	3	1	
Washita County.....	May 1-31.....	1		
<b>Total for State</b> .....		<b>265</b>	<b>25</b>	
<b>Ohio:</b>				
Allen County.....	June 1-30.....	3		
Athens County.....	July 1-31.....	1		
Butler County.....	June 1-July 31.....	4		
Clarke County.....	July 1-31.....	3		
Clinton County.....	June 1-30.....	10		
Columblana County.....	June 1-July 31.....	6		
Cuyahoga County.....	June 1-July 31.....	16	1	
Fairfield County.....	June 1-30.....	1		
Franklin County.....	June 1-Sept. 30.....	12		
Hamilton County.....	June 1-Sept. 30.....	2		
Hancock County.....	July 1-31.....	4		
Hocking County.....	June 1-July 31.....	26		
Jackson County.....	Sept. 1-30.....	3		
Jefferson County.....	July 1-31.....	1		
Lucas County.....	June 1-Sept. 30.....	8		
Mahoning County.....	July 1-31.....	1		
Marion County.....	July 1-31.....	1		
Perry County.....	June 1-30.....	1		
Pickaway County.....	June 1-30.....	1		
Portage County.....	June 1-30.....	7		
Ross County.....	June 1-Sept. 30.....	74		
Seneca County.....	July 1-31.....	1		
Scioto County.....	June 1-30.....	2		
Stark County.....	June 1-July 31.....	29		
Summit County.....	July 1-31.....	5		
Wayne County.....	June 1-30.....	2		
Wood County.....	June 1-30.....	2		
<b>Total for State</b> .....		<b>226</b>	<b>1</b>	
<b>Oregon:</b>				
Baker County.....	May 1-31.....	1		
Benton County.....	May 1-31.....	2		
Linn County.....	June 1-30.....	2		
Multnomah County.....	Apr. 1-May 31.....	10		
Umatilla County.....	May 1-31.....	1		
Union County.....	May 1-31.....	2		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to October 31, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Oregon—Continued.</b>				
Wasco County.....	Apr. 1-30.....	2		
Washington County.....	Apr. 1-June 30.....	3		
Yamhill County.....	Apr. 1-June 30.....	15		
Total for State.....		38		
<b>Pennsylvania, general.</b>				
	Apr. 1-30.....		2	
	May 1-Aug. 31.....	56	4	
Total for State.....		56	6	
<b>South Carolina:</b>				
Charleston.....	June 1-July 31.....	28		
Total for State.....		28		
<b>Tennessee:</b>				
Benton County—				
Camden.....	July 1-7.....	2		
Davidson County—				
Nashville.....	June 12-July 9.....	2		
Hamilton County—				
Chattanooga.....	June 12-Oct. 8.....	5		
Knox County—				
Knoxville.....	June 12-July 16.....	8		
Shelby County.....	May 1-June 30.....	39		
Memphis.....	June 12-July 19.....	8		
Total for State.....		64		
<b>Texas, general.</b>				
	Apr. 1-July 31.....	881	27	
Total for State.....		881	27	
<b>Utah, general.</b>				
	Mar. 1-31.....	112		Report received out of date.
Boxelder County.....	May 1-31.....	1		
Cache County.....	May 1-31.....	6		
Davis County.....	May 1-July 31.....	43		
Juab County.....	June 1-July 31.....	3		
Salt Lake County.....	May 1-Aug. 31.....	34	1	
Utah County.....	May 1-Aug. 31.....	10		
Wasatch County.....	Aug. 1-31.....	1		
Weber County.....	May 1-July 31.....	25		
Total for State.....		235	1	
<b>Virginia:</b>				
Alexandria.....	Aug. 25.....			One case from the schooner Persis A. Colwell, from Gaspe, Quebec.
Lynchburg.....	June 12-18.....	1		
Total for State.....		1		
<b>Washington, general.</b>				
	Feb. 1-Mar. 31.....		4	
<b>Wisconsin:</b>				
Ashland County.....	June 1-Aug. 31.....	17		
Barron County.....	June 1-30.....	1		
Brown County.....	July 1-31.....	5		
Douglas County.....	June 1-July 31.....	3		
Dunn County.....	July 1-31.....	1		
Eau Claire County.....	June 1-July 31.....	4		
Florence County.....	June 1-30.....	4		
Fond du Lac County.....	July 1-31.....	1		
Grant County.....	Sept. 1-30.....	1		
Greene County.....	Sept. 1-30.....	2		
Iowa County.....	Sept. 1-30.....	3		
Kenosha County.....	July 1-31.....	1		
Lafayette County.....	June 1-30.....	1		
La Crosse County.....	June 1-30.....	2		
Milwaukee County.....	July 1-Sept. 30.....	15		
Pierce County.....	July 1-31.....	1		
Folk County.....	July 1-Aug. 31.....	6		
Rush County.....	June 1-30.....	1		
St. Croix County.....	July 1-31.....	5		
Sawyer County.....	June 1-Sept. 30.....	11		
Waupaca County.....	June 1-Sept. 30.....	5		
Winnebago County.....	July 1-31.....	1		
Total for State.....		91		
Grand total for the United States.....		6,128	95	



MORBIDITY AND MORTALITY—Continued.

Weekly morbidity and mortality table, cities of the United States, for week ended September 24—Continued.

Cities.	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.
Danville, Ill.	6	1	...	...	...	...	...	4	1	...	...	...	...
Dayton, Ohio	33	2	4	6	1	...	...	...	...	...	...	...	...
Detroit, Mich.	162	...	...	6	16	...	...	23	2	...	...	...	...
Duluth, Minn.	17	2	3	10	2	...	...	4	1	...	4	...	...
Dunkirk, N. Y.	17	2	2	1	1	1	1	3	1	...	1	...	...
Elisabeth, N. J.	15	...	1	4	...	4	...	2	...	...	1	...	...
Elmira, N. Y.	11	1	1	3	...	2	...	2	...	...	...	...	...
El Paso, Tex.	13	8	4	2	...	1	...	...	...	...	...	...	...
Elyria, Ohio	5	...	...	2	1	...	...	...	...	...	...	...	...
Erie, Pa.	15	2	2	13	...	1	...	3	...	1	...	...	...
Evansville, Ind.	12	3	2	5	1	1	1	3	3	1	...	5	...
Everett, Mass.	3	...	...	1	...	...	...	4	...	...	...	...	...
Fall River, Mass.	41	2	3	13	1	...	...	1	...	...	...	...	1
Fort Wayne, Ind.	26	...	1	8	2	...	...	3	...	...	...	...	...
Freeport, Ill.	5	...	...	2	...	...	...	...	...	...	...	...	...
Galesburg, Ill.	3	...	...	...	1	1	1	1	...	...	...	...	...
Grand Rapids, Mich.	37	2	1	5	1	2	...	2	...	8	...	1	...
Greensboro, N. C.	5	...	...	1	...	4	...	2	...	...	...	...	...
Harrison, N. J.	3	...	...	3	...	3	...	1	...	...	...	...	...
Hartford, Conn.	35	...	2	3	...	3	...	8	...	...	...	...	...
Haverhill, Mass.	17	3	...	3	...	...	...	5	...	...	...	...	...
Hoboken, N. J.	2	...	...	...	...	...	...	...	...	2	...	...	...
Homestead, Pa.	11	...	2	...	...	3	...	1	...	...	...	...	...
Hyde Park, Mass.	6	...	1	1	...	...	...	...	...	...	...	...	...
Jacksonville, Fla.	21	...	4	1	2	1	...	...	...	...	...	...	...
Jersey City, N. J.	75	4	10	3	3	3	...	18	5	5	...	1	2
Johnstown, Pa.	16	1	1	12	2	...	...	1	...	...	...	...	...
Kalamazoo, Mich.	15	1	1	10	...	...	...	1	...	2	...	3	5
Kansas City, Kans.	25	7	1	...	4	...	...	4	...	...	...	3	4
Kearney, N. J.	3	...	...	...	...	...	...	2	...	...	...	...	...
Kingston, N. Y.	6	...	...	...	...	...	...	...	...	...	...	...	...
Knoxville, Tenn.	11	...	1	1	1	2	...	4	...	1	...	...	...
Kokomo, Ind.	4	...	...	2	...	...	...	...	...	...	...	1	...
La Crosse, Wis.	6	...	1	...	...	1	...	...	...	...	...	...	...
La Fayette, Ind.	...	...	...	...	...	...	...	...	...	...	...	...	...
Lancaster, Pa.	13	6	2	...	...	...	...	...	...	...	...	...	...
Lawrence, Mass.	38	3	2	...	...	7	1	5	...	...	...	...	...
Lexington, Ky.	11	...	4	...	...	1	...	...	...	...	...	...	...
Los Angeles, Cal.	65	10	6	7	2	7	...	4	...	...	...	1	...
Lowell, Mass.	54	3	4	14	3	3	...	4	...	...	...	...	...
Lynchburg, Va.	...	...	2	...	...	1	...	...	...	...	...	1	...
Lynn, Mass.	23	1	...	...	2	...	1	10	...	...	...	...	...
McKeesport, Pa.	22	1	...	11	...	13	...	4	...	...	...	...	...
Malden, Mass.	10	3	4	4	...	1	...	1	...	1	...	...	...
Manchester, N. H.	29	2	1	1	...	...	...	7	...	...	...	...	...
Manistee, Mich.	...	...	1	...	...	...	...	2	...	...	...	...	...
Manitowoc, Wis.	4	1	1	...	...	...	...	...	...	...	...	...	...
Marinette, Wis.	3	...	...	1	...	...	...	1	...	...	...	...	...
Marlboro, Mass.	3	1	...	1	...	...	...	1	...	...	...	...	...
Massillon, Ohio	3	...	...	...	...	1	...	1	...	...	...	...	...
Medford, Mass.	8	...	...	2	...	3	...	...	...	...	...	1	...
Melrose, Mass.	7	...	1	...	...	...	...	1	...	1	...	...	...
Memphis, Tenn.	47	6	6	12	...	1	...	5	...	...	...	...	...
Milwaukee, Wis.	90	17	9	29	4	23	1	21	2	...	...	5	1
Mobile, Ala.	17	...	2	2	1	...	...	...	...	...	...	...	...
Moline, Ill.	4	...	2	2	...	...	...	11	...	...	...	...	...
Montclair, N. J.	8	...	...	...	...	...	...	4	...	...	...	...	...
Montgomery, Ala.	21	1	3	...	...	...	...	2	1	...	...	...	...
Morristown, N. J.	9	...	...	...	...	3	...	3	...	...	...	...	...
Mount Vernon, N. Y.	11	...	1	...	...	...	...	1	...	...	...	...	...
Muskegon, Mich.	...	...	...	2	...	...	...	...	...	...	...	1	...
Nanticoke, Pa.	...	...	1	...	2	...	...	5	2	...	...	...	...
Nashville, Tenn.	39	1	6	8	2	4	...	...	...	1	...	...	...
Newark, N. J.	91	14	14	6	5	4	1	23	...	...	...	...	2
New Bedford, Mass.	...	4	4	6	...	8	...	3	...	...	...	1	...
Newburyport, Mass.	7	...	...	...	...	...	...	1	...	...	...	...	...
New Orleans, La.	128	40	12	9	2	1	...	8	2	5	...	...	...
Newport, Ky.	2	...	...	...	...	...	...	...	...	...	...	...	...
Newton, Mass.	3	1	...	2	...	...	...	2	...	...	...	...	...
New York, N. Y.	1,302	663	156	136	11	81	4	185	19	51	6	44	5

## MORBIDITY AND MORTALITY—Continued.

Weekly morbidity and mortality table, cities of the United States, for week ended September 24—Continued.

Cities.	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.
		Niagara Falls, N. Y.	13	3	1	2	1	1	1	2			
Norristown, Pa.	10			9	1	1							
North Adams, Mass.	5									2			
Northampton, Mass.	12	3	2	1				1					
Oakland, Cal.	37	3	2	1				4		3			
Oklahoma, Okla.	13		1	6	2	2		2					
Orange, N. J.	10					8							
Ottumwa, Iowa.	11												
Paducah, Ky.	5		1		1								
Palmer, Mass.	2							2					
Peekskill, N. Y.	3			1					2				
Philadelphia, Pa.	98	54	45	3		32		35	5	14		33	9
Pittsburg, Pa.	160	24	10	21	5	15		17	2	5	1	9	3
Pittsfield, Mass.	18			1	1	4		4					
Plainfield, N. J.	2	2				2		1					
Portland, Me.	34	1		2	2	6	1	1	1				
Portland, N. H.			1										
Portsmouth, Va.	5					1		2					
Pottstown, Pa.	6	1	1										
Providence, R. I.	45	6	4	3	3	6		11	1				1
Racine, Wis.	19		2	8	1					2		6	
Reading, Pa.	45		3	3	4			8				6	
Sacramento, Cal.	18		1				1			1			1
St. Louis, Mo.	227	40	19	46	3	15		28	2	14	2	23	1
San Antonio, Tex.	4		3	5	1			2					
San Francisco, Cal.	95	29	10	11	6	8		5	2	9		8	
Saratoga, N. Y.	5		1					1					
Schenectady, N. Y.	22	1		6				2	2			9	1
Seattle, Wash.	46	6	4	13	2	1	1	5		16			
Somerville, Mass.	13	2			1	2		3					
South Bend, Ind.	14			2		4		1					
South Bethlehem, Pa.	7	3		1				2					
Spokane, Wash.	25		2	17	2	12		3		2			
Springfield, Mass.	21	3		6	1			9	1			4	1
Steelton, Pa.	4	4		1		2		8					
Superior, Wis.	11				3								
Tacoma, Wash.	19			4		3		1		1			
Taunton, Mass.	19			6				1	1				
Terre Haute, Ind.	18					6	1	3	1				
Toledo, Ohio.	48	1	3	15		2		5					
Trenton, N. J.	4	4	2	7	4	3		4					
Waltham, Mass.	6	2		2		6		5					
Washington, D. C.	101	27	15	17	2	4		11				8	1
Weymouth, Mass.	2		1										
Wheeling, W. Va.	11					1		1					
Wichita, Kans.	15			3		1		1	1				
Wilkes-Barre, Pa.	16	3		5	3			5				1	
Wilkinsburg, Pa.	2			2								1	
Williamsport, Pa.	9		1										
Wilmington, Del.	31		3		1								
Woburn, Mass.	7		2					2					
Worcester, Mass.	48	7	4	9	1	3		8		1		5	1
Yonkers, N. Y.	24	6	3	3	1	1			1				
York, Pa.				4				10				1	
Zanesville, Ohio.	3	1		2				2					

MORBIDITY AND MORTALITY—Continued.

WEEKLY MORBIDITY AND MORTALITY TABLE, CITIES OF THE UNITED STATES, FOR WEEK ENDED OCTOBER 1.

[For smallpox and plague see special tables.]

Cities.	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.	Cases.	Deaths.
Allentown, Pa.....	11		1	5					2					
Altoona, Pa.....	17		1	3										
Ann Arbor, Mich.....	9			1	1				1		1		1	
Ashtabula, Ohio.....	5						1		1					
Auburn, N. Y.....	10		1											
Aurora, Ill.....	8													
Baltimore, Md.....	216	32	29	109	13	4		29	3		11		4	2
Bayonne, N. J.....	1		1				1		6		2			
Beaver Falls, Pa.....	0			1										
Berkeley, Cal.....	3													
Biddeford, Me.....	16		2	2	1	4	1	2						
Binghamton, N. Y.....	17		2	2					1					
Boston, Mass.....	218	66	16	16	4	22		34	2		3		8	
Braddock, Pa.....	3			1				2						
Bridgeport, Conn.....	19		2	1				1						
Brockton, Mass.....	18		3	1	5	1	2				1			
Buffalo, N. Y.....	92	24	7	25	1	23	1	26			5		69	1
Butler, Pa.....	7		1	1			5		1					
Cambridge, Mass.....	36		7	7	5		6		3					
Cambridge, Ohio.....	4				5				1					
Camden, N. J.....			2				1		2	2				
Camden, S. C.....	1													
Canton, Ohio.....	13			2	1									
Carbondale, Pa.....	1													
Charlotte, N. C.....	9				6		2							
Chattanooga, Tenn.....					1									
Chelsea, Mass.....	17	1	4			3								
Chicago, Ill.....	575	143	53	105	13	47	1	121	12		14	1	15	2
Chicopee, Mass.....	5			1				3					1	
Cincinnati, Ohio.....	92		25	20	7	4	30		14					
Cleveland, Ohio.....	147		29	16	11	4	18		32		4		11	1
Clinton, Mass.....	4			1				3	1					
Coffeyville, Kans.....	4		2	1	3	1	1		1					
Columbus, Ind.....	4			1										
Columbus, Ohio.....	64		9	9	6	3		5	2					
Concord, N. H.....	5													
Covington, Ky.....	16			5	1	1		4						
Council Bluffs, Iowa.....	6			2				1						
Cumberland, Md.....	6			1	34			1						
Danville, Ill.....	14			2			2	2	1					
Dayton, Ohio.....	39			6	8		1	3					1	
Detroit, Mich.....	138				4	13	1	18	7					
Dubuque, Iowa.....				2		2		11	2					
Dunkirk, N. Y.....	3	2												
Duluth, Minn.....	25	3	3	6	2	1		8	2	6			4	
Elizabeth, N. J.....	25		1		4			2	2					
Elmira, N. Y.....	10			2	1	3		1						
El Paso, Tex.....	17	1	3	6	2									
Elyria, Ohio.....	9													
Erie, Pa.....	13	4	3	5		12		2		1			2	
Evansville, Ind.....	28	1	2	4	1	2		1					2	
Everett, Mass.....	3		1	3		1		6					1	
Fall River, Mass.....	38	6	4	4		3		1						
Fort Wayne, Ind.....	14		2	7		5		2						
Freeport, Ill.....	4		1					1						
Galesburg, Ill.....	5					1		1						
Gloucester, Mass.....	6													
Grand Rapids, Mich.....	38	1	2	12		1		2	1	12			1	
Greensboro, N. C.....	4					3								
Harrison, N. J.....	6										2			
Hartford, Conn.....	27	6	3	6		9		7	2					
Haverhill, Mass.....		1			1			3						
Hoboken, N. J.....				1		4		4						
Homestead, Pa.....	6							2			1			1
Hyde Park, Mass.....	3													
Jacksonville, Fla.....	27	4	6		1									
Jersey City, N. J.....	59	7	7			9	1	7	1	8				
Johnstown, Pa.....	13			2	3	2		3					1	
Kalamazoo, Mich.....	11	1	1	1						6				

## MORBIDITY AND MORTALITY—Continued.

Weekly morbidity and mortality table, cities of the United States, for week ended  
October 1—Continued.

Cities.	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.
Kansas City, Kans.	25	4	1	6	1	4	1	1	1				
Kearney, N. J.	4				1	4							
Kingston, N. J.	7												
Knoxville, Tenn.	9		1	1				2		1			
La Crosse, Wis.						5		2					
La Fayette, Ind.	4												
Lancaster, Pa.	10	1	1	1	1	1						7	
Lawrence, Mass.	25		1	1	1	4							
Lebanon, Pa.	8												
Lexington, Ky.	12	1	1	3	1	2		5					
Lowell, Mass.	26	4	2	11	1	5		1		1			
Lynchburg, Va.													
Lynn, Mass.	24	2	1	3		2		8	1				
McKeesport, Pa.	13	1		5		7	3	2				1	
Malden, Mass.	14	3		1		1		1		5			
Manchester, N. H.	14							5					
Manistee, Mich.													
Manitowoc, Wis.	7												
Marinette, Wis.	1			1	1								
Mariboro, Mass.	1	1											
Massillon, Ohio.	7			2									
Medford, Mass.	2			1								2	
Melrose, Mass.	5			1									
Memphis, Tenn.	35		2	8	1	4		10	1				
Milwaukee, Wis.	96	12	12	48	4	21		26	2	1		2	3
Mobile, Ala.	19		1	1		2		3					
Moline, Ill.	5	1	1	1		2		2					
Montclair, N. J.	4							1					
Montgomery, Ala.	10	1	2	3				1					
Morristown, N. J.	2					2		3					
Mount Vernon, N. Y.	4				1			1					
Nanticoke, Pa.	2							4					
Nashville, Tenn.	22	1	1	6	3	12		3		2			
Newark, N. J.	91	14	12	9		13		37					
New Bedford, Mass.	30	8	2	9	2	2		2	1				
Newburyport, Mass.	4												
New Orleans, La.	128	18	16	5	3	4		13	1	4			
Newport, Ky.	12							2					
Newton, Mass.	8	3		1				2					
New York, N. Y.	1,352	528	178	118	24	78	3	266	13	60	8	42	4
Niagara Falls, N. Y.	10			1		2		1					
Norristown, Pa.	6			2		1		1		1			
North Adams, Mass.	2	2		1		1				1			
Northampton, Mass.	3												
Orange, N. J.	10		1										
Ottumwa, Iowa.	10		1										
Paducah, Ky.	8		2										
Falmer, Mass.				1									
Peekskill, N. Y.	3				1								
Philadelphia, Pa.	90	38	84	9	39	2	60	9	11		32	8	8
Pittsburg, Pa.	147	27	15	41	2	20		35	3	11	2	6	1
Pittsfield, Mass.	11				4			1					
Plainfield, N. J.	8	4		3				1					
Portland, Me.	17		1	6				1		1			
Portsmouth, N. H.			2										
Portsmouth, Va.	13				1								
Pottstown, Pa.	9		2									4	
Providence, R. I.	63	5	11	5	1	3		13	4				4
Racine, Wis.	16							2					
Reading, Pa.	29		1	3		2		2	1			4	
Rock Island, Ill.	2							5					
Rome, N. Y.	32			2		2		10		1			
Rutland, Vt.				5		1							
Sacramento, Cal.	14			1	1								
St. Louis, Mo.	178	40	23	39	3	11	1	27	1	13	1	6	
San Antonio, Tex.	9		8	7	1			1					
San Francisco, Cal.	106	19	14	4	2	4		11	1	27		9	
Saratoga Springs, N. Y.	4		1					1					
Schenectady, N. Y.	27	5	3	7		1		3				2	
Seattle, Wash.	50	11	8	17		3		9				1	4
Somerville, Mass.	12	6		2		1		8	1				

MORBIDITY AND MORTALITY—Continued.

Weekly morbidity and mortality table, cities of the United States, for week ended October 1—Continued.

Cities.	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.
South Bend, Ind	11			1		1							
South Bethlehem, Pa	8		1	4									
Spokane, Wash	28			11	2	7	1	2	1	2			
Springfield, Mass	22	2	3	1		5		6				1	
Steelton, Pa	4	5		1									
Superior, Wis	11					1		1					
Tacoma, Wash	31			1		1		5		1			
Taunton, Mass	15			2		2		2					
Terre Haute, Ind	21		2		1	2		10	1				
Toledo, Ohio	50	1	2	18	2	1		6	2		1		
Topeka, Kans	0												
Trenton, N. J		5	4	3	1	1		7					
Waltham, Mass	9	1	1			1		1	2				
Warren, Ohio	1			3									
Washington, D. C	98	28	19	27	1	2		15		1		15	
Weymouth, Mass	3		1					1					
Wheeling, W. Va	15	1		1				3					1
Wichita, Kans	17				1	1							
Wilkes-Barre, Pa	19	1		5				4					
Williamsport, Pa	6			2		2							
Wilmington, Del	24		1		1								
Woburn, Mass	7		2			1							1
Worcester, Mass	58	8	1	9	3	2		17	1			1	
Yazoo City, Miss		1	1	1				1					
Yonkers, N. Y	26	5	4		1			1					1
York, Pa				1				4				2	
Zanesville, Ohio	7		1	12		2		4					

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

COLORADO—*Denver*.—Month of September, 1910. Population, 153,522. Total number of deaths from all causes 268, including typhoid fever 6, scarlet fever 2, diphtheria 2, tuberculosis 60. Cases reported: Typhoid fever 168, smallpox 18, measles 6, scarlet fever 26, diphtheria 36.

CONNECTICUT.—Month of September, 1910. Population, 1,077,102. Total number of deaths from all causes 1,380, including typhoid fever 24, measles 1, scarlet fever 5, diphtheria 16, tuberculosis (pulmonary), 120. Cases reported: Typhoid fever 244 in 56 towns, measles 24 in 13 towns, scarlet fever 85 in 29 towns, diphtheria 168 in 44 towns, tuberculosis 120 in 40 towns.

FLORIDA—*Pensacola*.—Month of September, 1910. Population, 35,000. Total number of deaths from all causes 49, including typhoid fever 8, tuberculosis 2.

GEORGIA—*Macon*.—Month of September, 1910. Population, 45,000—white 25,000, colored 20,000. Total number of deaths from all causes 49—white 22, colored 27, including typhoid fever 1, tuberculosis 3—white 1, colored 2.



ILLINOIS—*Quincy*.—Month of September, 1910. Population, 43,000. Total number of deaths from all causes 46, including tuberculosis 5. Cases reported: Typhoid fever 2, diphtheria 2.

INDIANA.—Month of August, 1910. Population, 2,732,550. Total number of deaths from all causes 3,234, including typhoid fever 123, diphtheria 23, tuberculosis 329. Cases reported: Typhoid fever 446 in 74 counties, smallpox 6 in 3 counties, diphtheria 193 in 34 counties.

IOWA—*Cedar Rapids*.—Month of September, 1910. Population, 35,000. Total number of deaths from all causes 46, including typhoid fever 3, tuberculosis 4. Cases reported: Scarlet fever 1, diphtheria 3.

KANSAS.—Month of August, 1910. Population, 1,703,002. Total number of deaths from all causes not reported. Forty deaths from typhoid fever, 1 death from smallpox, 1 death from measles, 5 deaths from scarlet fever, 1 death from diphtheria, and 48 deaths from tuberculosis reported. Cases reported: Typhoid fever 426, smallpox 20, measles 28, scarlet fever 66, diphtheria 28, tuberculosis 256.

MINNESOTA—*St. Paul*.—Month of July, 1910. Population, 235,000. Total number of deaths from all causes 222, including typhoid fever 3, scarlet fever 4, diphtheria 14, tuberculosis 24. Cases reported: Smallpox 5, measles 5, scarlet fever 40, diphtheria 122.

*Stillwater*.—Month of September, 1910. Population, 12,528. Total number of deaths from all causes 6. Cases reported: Typhoid fever 1, smallpox 1, scarlet fever 15, diphtheria 1.

NORTH CAROLINA.—Month of August, 1910. Reports from the state board of health show typhoid fever present in 67 counties, smallpox in 19 counties, measles in 9 counties, scarlet fever in 24 counties, diphtheria in 43 counties, malarial fever in 13 counties, pernicious malarial fever in 7 counties, hemorrhagic malarial fever in 5 counties, pellagra in 2 counties.

OREGON—*Portland*.—Month of August, 1910. Population, 265,000. Total number of deaths from all causes 204, including typhoid fever 8, diphtheria 2, tuberculosis, 18. Cases reported: Typhoid fever 19 (11 cases brought to Portland for treatment), measles 17, scarlet fever 20, tuberculosis, pulmonary, 15.

# FOREIGN AND INSULAR.

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## AUSTRALIA.

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

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

During the month of August, 1910, 5,461 rats were destroyed. Of this number 1,792 were examined for plague infection. No plague-infected rats were found.

The last case of human plague at Sydney was reported May 29, 1909. The last plague-infected rat was found April 4, 1910.

### Summary of Rat Examination in 1909.

Consul-General Bray at Sydney reports, August 31:

An official report for the State of New South Wales for the year 1909 shows that 26,744 rats were examined at the bureau of microbiology. Of this number 177 were found to be plague infected. No plague rats were found later than June 19 of that year. Fleas appeared to be most numerous on the rats taken during the first four months of the year, particularly during March and April, comparatively few fleas being found later. A second rise in September in the number of fleas found was accounted for by the receipt of flea-infested rats, all obtained from the same locality; hence the increase is not to be regarded as indicating a second maximum. There was not found a rise such as might have been expected to occur during the warmer months of the year. The most common species of rat flea (*Leomopsylla cheopis*) underwent in March and April an increase out of all proportion with that shown by other species. This increase was coincident with the existence of plague.

## AUSTRIA-HUNGARY.

### Status of Cholera.

The American ambassador at Vienna reported October 5 to the Department of State:

From September 23 to October 5 there were reported 12 cases of cholera with 5 deaths in Austria and the Austrian crown lands, and in Hungary from September 24 to October 5, 56 cases with 26 deaths.

Consul Slocum, at Fiume, reported to the Department of State:

October 4, 6 additional cholera-infected districts in Hungary officially reported; October 5, 9 additional infected districts; October 7, 6 additional districts.

## TRIESTE—Cholera.

The American consul reported October 16 to the Department of State the occurrence of a case of cholera.

## BELGIUM.

## ANTWERP—Inspection of Emigrants.

Consul-General Diedrich reported, October 1, to the Department of State:

The Belgian commissioner of emigration gives the following statement relative to inspection of emigrants for the United States:

All travelers coming from cholera-infected districts on passenger and fast trains are examined at the stations on the frontier of Belgium by physicians appointed for this purpose.

All emigrants are brought to Antwerp by special train and information of their expected arrival is sent by telegram to the sanitary service of emigration at the central station of Antwerp. On leaving the train the emigrants are taken in charge by officers of the service and are conducted to a waiting room where they are examined by a physician. The sanitary service is at work without intermission as long as emigrant trains are coming in. Any aliens showing the slightest suspicious symptom of fever, gastric trouble, etc., are isolated and sent to the hospital for contagious diseases and their companions are kept under close observation in their lodging houses which are daily visited by a physician and an officer of the emigration service specially appointed for the purpose. All emigrants from Russia are held in quarantine five days before embarkation.

Rigorous supervision is exercised over emigrants from Italy and Austria-Hungary. The number of Italians leaving Antwerp is very small. During the month of September, 1910, it amounted to only 8, and these did not come directly from Italy, but had been for some time employed in Germany and Luxemburg.

By ministerial proclamation all vessels arriving from Italy at Belgian ports are placed in quarantine at the station of Doel on the river Scheldt, on the border of Belgium and Holland, 15 miles from Antwerp.

## BRAZIL.

## PARA—Plague, Smallpox, and Yellow Fever.

Consul Pickering reported, September 20, to the Department of State:

A case of plague occurred September 19 at this port. The patient was isolated. Smallpox and yellow fever continue present. From July 22 to September 20 there were reported 38 cases of smallpox, with 4 deaths.

## FRANCE.

## MARSEILLE—Cholera.

Consul-General Gaulin reports, October 5:

The 2 fatal cases of cholera which were reported October 4 occurred in the persons of immigrants, officially stated to be of Syrian origin, who arrived September 27 on the steamship *Bosphore* from Piræus, Greece. The first case was discovered in an emigrant lodging house. The patient was removed to hospital and died September 30. Another case occurred shortly afterwards, the patient dying in hospital October 2. On October 5 a third case was reported in the same group of persons. All the fellow-passengers of the patients and all contacts were removed to the quarantine station on the island of Frioul.

The lodging house and all hotels at which steerage passengers by the *Bosphore* stopped are isolated and under observation. Sanitary inspection of vessels and passengers is carried out and measures have been taken to prevent pollution of the water supply.

**GERMANY.**

**Cholera.**

Ambassador Hill at Berlin reported October 8 to the Department of State:

During the week ended September 25 there were reported at Kalthoff, suburb of Marienburg, West Prussia, 5 cases of cholera with 2 deaths, and during the week ended October 2, 2 cases with 1 death, in the city of Marienburg.

A fatal case of cholera was reported September 22 at Sommerau, near Altfelde, district of Marienburg.

**GREAT BRITAIN.**

**LONDON—Plague on steamships.**

The American ambassador reported October 18 to the Department of State the occurrence of a case of plague on the steamship *Oceana* recently arrived in the river Thames from Bombay. The case was in the person of a member of the crew. On October 19 the ambassador reported a second case of plague on the steamship *Hindle* recently arrived in the Thames from Bombay. The second case ended fatally.

**HAWAII.**

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

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

At Hilo the last case of human plague occurred March 23, 1910.

The last plague-infected rat was found at Piihuona, 4 miles from Hilo, April 9, 1910.

Passed Assistant Surgeon Ramus reports, September 26 and October 3:

**HONOLULU.**

*Week ended September 24, 1910.*

Total rats and mongoose taken.....	620
Rats trapped.....	591
Mongoose trapped.....	3
Rats found dead ( <i>Mus norvegicus</i> ).....	1
Rats shot from trees.....	25
Examined bacteriologically.....	534
Plague rats.....	0
Classification of rats trapped:	
<i>Mus alexandrinus</i> .....	77
<i>Mus musculus</i> .....	188
<i>Mus norvegicus</i> .....	117
<i>Mus rattus</i> .....	209
Classification of rats shot from trees:	
<i>Mus alexandrinus</i> .....	8
<i>Mus rattus</i> .....	15
Average number of traps set daily.....	1,738

## Week ended October 1, 1910.

Total rats and mongoose taken.....	688
Rats trapped.....	662
Mongoose trapped.....	25
Rats found dead ( <i>Mus rattus</i> ).....	1
Examined bacteriologically.....	605
Plague rats.....	0
Classification of rats trapped:	
<i>Mus alexandrinus</i> .....	119
<i>Mus musculus</i> .....	208
<i>Mus norvegicus</i> .....	81
<i>Mus rattus</i> .....	253
Average number of traps set daily.....	1,738

## INDIA.

## CALCUTTA—Cholera, Plague, and Smallpox.

Acting Assistant Surgeon Allan reports, September 22:

During the week ended September 3, 10 deaths from cholera, 7 from plague, and 1 death from smallpox were reported in Calcutta; in all Bengal, 95 cases of plague with 85 deaths; in all India, 2,500 cases of plague with 1,770 deaths.

## ITALY.

## Status of Cholera.

Surgeon Geddings at Naples reports:

Naples, October 17 and 18, 16 cases of cholera with 5 deaths; rest of Italy, 79 cases with 55 deaths. Increase in cases reported is due to appearance of the disease in the hospital for the insane at Anversa.

Naples, October 19 and 20, 11 cases of cholera with 4 deaths; rest of Italy, 47 cases of cholera, with 30 deaths.

Naples, October 21 and 22, 2 cases of cholera; rest of Italy, 13 cases with 15 deaths.

## PALERMO—Cholera.

Consul De Soto reports, October 21:

Four cases of cholera at Palermo to-day, 1 case at Girgenti, and 1 at Trapani.

## Examination of Emigrants.

Surgeon Geddings at Naples reports, October 4:

## Vessels inspected at Palermo, week ended October 1.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Sept. 28	Duca d'Aosta.....	New York.....	143	250	50
29	Italia.....	do.....	323	350	75
Oct. 1	Regina d'Italia.....	do.....	251	350	100
1	Konig Albert.....	do.....	166	200	250
	Total.....		883	1,150	475

*Rejections recommended.*

Date.	Name of ship.	Trachoma.	Suspected trachoma.	Other causes.	Total.
Sept. 28	Duca d'Aosta.....	8	10	4	22
29	Italia.....	16	.....	.....	16
Oct. 1	Regina d'Italia.....	7	12	.....	19
1	Konig Albert.....	11	6	5	22
	Total.....	42	28	9	79

**MEXICO.****Yellow Fever in Campeche.**

The following information dated October 17 was received from the president of the superior board of health of Mexico:

During the week ended October 15 there were reported at Campeche 2 new cases of yellow fever, occurring October 15. Prophylactic measures continue to be carried out.

**RUSSIA.****ODESSA—Cholera and Plague.**

Consul Grout reports, October 3:

During the week ended September 30 there were reported 11 new cases of cholera with 9 deaths. At the close of the week there were 13 cases in hospital. From the outbreak of the epidemic to date there have been 594 cases with 332 deaths.

From September 25 to 30, 8 cases of plague with 4 deaths were reported. On October 1 there were 33 cases in hospital. From the outbreak to October 1 there were reported 121 cases with 33 deaths.

**TURKEY.****BAGDAD—Cholera.**

The American vice-consul reported October 24 to the Department of State that cholera was prevalent at Bagdad.

**VENEZUELA.****CARACAS—Plague.**

The American chargé d'affaires reported, October 20, to the Department of State that a fatal case of plague had been officially reported.

**ZANZIBAR.****ZANZIBAR—Smallpox—Examination of Rats.**

Consul Weddell reports, August 31 and September 7 and 14:

From June 8 to September 11 there were reported 135 cases of smallpox, with 63 deaths. The total number of persons vaccinated from June 8 to September 11 was 19,118.

During the three weeks ended September 14, 3,957 rats were received and examined for plague infection. No plague-infected rats were found.

# CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX.

Reports Received During Week Ended October 28, 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>Arabis:</b>				
Maskat.....	Sept. 18-24.....	17	13	
<b>Austria-Hungary.....</b>				
Hungary, general.....	Sept. 23-Oct. 5.....	12	5	
Budapest.....	Sept. 25-Oct. 5.....	56	26	
Trieste.....	Sept. 25-Oct. 1.....	2	4	
Vienna.....	Oct. 16.....	1		
	Sept. 18-24.....	2		On a steamer from Holland.
<b>Denmark:</b>				
Copenhagen.....	Sept. 27.....	1		
<b>France:</b>				
Marseille.....	Oct. 5.....	1		From s. s. Bosphore from Piraeus.
<b>Germany:</b>				
Marlenburg.....	Sept. 19-Oct. 2.....	7	3	
Sommerau.....	Sept. 22.....	1	1	
<b>India:</b>				
Bombay.....	Sept. 14-20.....		3	
Madras.....	Sept. 9-16.....		26	
<b>Italy.....</b>				
	Oct. 17-22.....	139	100	Outside of Naples.
Girgenti.....	Oct. 21.....	1		
Naples.....	Oct. 17-22.....	29	9	
Palermo.....	Oct. 21.....	4		
Trapani.....	Oct. 21.....	1		
<b>Japan:</b>				
Kobe.....	Sept. 19-25.....	36	19	
<b>Java:</b>				
Batavia.....	Sept. 4-10.....	12	7	
<b>Persia:</b>				
Ardabil.....	July 31-Aug. 21.....		50	
Chudja.....	Sept. 4.....	2	1	
Enzell.....	Aug. 19-21.....	3	3	
<b>Khorassan Province—</b>				
Badjairian.....	Aug. 1-Sept. 4.....	2	1	
Nir.....	Sept. 4.....			Present.
Serab.....	Aug. 4-27.....			Do.
<b>Russia, general.....</b>				
	Sept. 4-10.....	7,559	3,557	
City of St. Petersburg.....	Sept. 4-10.....	369	115	
City of Cronstadt.....	Sept. 4-10.....	3	6	
<b>Governments:</b>				
St. Petersburg.....	Sept. 4-10.....	52	31	
Vologda.....	Sept. 4-10.....	20	15	
Olenetz.....	Sept. 4-10.....	9	4	
Pskow.....	Sept. 4-10.....	2		
Novgorod.....	Sept. 4-10.....	28	24	
Livonia.....	Sept. 4-10.....	7	3	
Minsk.....	Sept. 4-10.....	43	11	
Moguilow.....	Sept. 4-10.....	13	7	
Vitebsk.....	Sept. 4-10.....	15	12	
Smolensk.....	Sept. 4-10.....	12	11	
Podolia.....	Sept. 4-10.....	78	23	
Kieff.....	Sept. 4-10.....	200	97	
Tchernigoff.....	Sept. 4-10.....	30	15	
Poltava.....	Sept. 4-10.....	59	29	
Kharkoff.....	Sept. 4-10.....	35	20	
Oral.....	Sept. 4-10.....	54	23	
Oursk.....	Sept. 4-10.....	203	115	
Oronege.....	Sept. 4-10.....	239	121	
Tamboff.....	Sept. 4-10.....	315	143	
Riazan.....	Sept. 4-10.....	116	57	
Moscow.....	Sept. 4-10.....	20	8	
Tver.....	Sept. 4-10.....	5	1	
Iaroslav.....	Sept. 4-10.....	82	47	
Kostroma.....	Sept. 4-10.....	43	11	
Nijni-Novgorod.....	Sept. 4-10.....	71	35	
Kazan.....	Sept. 4-10.....	21	6	
Simblirsk.....	Sept. 4-10.....	357	189	
Samara.....	Sept. 4-10.....	784	383	
Saratoff.....	Sept. 4-10.....	1,137	503	
Astrakhan.....	Sept. 4-10.....	32	22	
Stavropol.....	Sept. 4-10.....	81	36	
Perm.....	Sept. 4-10.....	25	8	
Viatka.....	Sept. 4-10.....	13	8	
Orenburg.....	Sept. 4-10.....	413	206	

\* From the Veröffentlichungen des Kaiserlichen Gesundheitsamtes, Oct. 5, 1910.

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

**Reports Received During Week Ended October 28, 1910.**

**CHOLERA—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Russia—Continued.</b>				
<b>Governments—Continued.</b>				
Ekaterinoslaw.....	Sept. 4-10.....	370	188	
Tauride.....	Sept. 4-10.....	80	33	
Bessarabia.....	Sept. 4-10.....	11	5	
Kherson.....	Sept. 4-10.....	280	104	
Black Sea.....	Sept. 4-10.....	3	1	
Baku.....	Sept. 4-10.....	68	49	
Tiflis.....	Sept. 4-10.....	141	31	
Koutais.....	Sept. 4-10.....	31	14	
Elisavetpol.....	Sept. 4-10.....	40	34	
Erivan.....	Sept. 4-10.....	176	110	
Tomsk.....	Sept. 1-10.....	49	31	
Territory of The Don.....	do.....	401	175	
Territory of The Oural.....	do.....	54	42	
Territory of Kouban.....	do.....	189	76	
Territory of Terek.....	do.....	34	27	
Territory of Daghestan.....	do.....	267	135	
Territory of Kars.....	do.....	60	26	
Territory of Batum.....	do.....	12	5	
Territory of Transcaspien.....	do.....	5	3	
Territory of Syr-Daria.....	do.....	5	.....	
Territory of Transbalkal.....	do.....	15	8	
Territory of Akmolinsk.....	do.....	103	50	
Territory of Semipalatinsk.....	do.....	11	4	
Prefecture of Kertchenikale.....	do.....	1	.....	
Prefecture of Rostoff-on-Don.....	do.....	9	3	
Prefecture of Odessa.....	do.....	10	7	
Prefecture of Nicolaeff.....	do.....	17	8	
Prefecture of Baku.....	do.....	60	27	
<b>Turkey:</b>				
Bagdad.....	Oct. 24.....	.....	.....	Present.
Irakil.....	Sept. 25-Oct. 1.....	1	1	
Trebizond.....	do.....	166	98	

**YELLOW FEVER.**

<b>Brazil:</b>				
Bahia.....	Aug. 20-26.....	14	10	
Manaos.....	Sept. 11-24.....	5	5	
<b>Ecuador:</b>				
Duran.....	Sept. 16-30.....	1	.....	
Guayaquil.....	Sept. 16-30.....	2	2	
<b>Mexico:</b>				
Campeche.....	Oct. 9-15.....	2	.....	

**PLAGUE.**

<b>Brazil:</b>				
Bahia.....	Aug. 20-26.....	3	3	
<b>Ecuador:</b>				
Babahoyo.....	Sept. 16-30.....	4	1	
Duran.....	Sept. 16-30.....	1	.....	
Guayaquil.....	Sept. 16-30.....	61	22	
<b>Great Britain:</b>				
London.....	Oct. 18.....	1	.....	From s. s. Oceana, from Bombay.
	Oct. 19.....	1	1	From s. s. Hindle, from Bombay.
<b>India:</b>				
Bombay.....	Sept. 14-20.....	.....	11	
Kurrachee.....	Sept. 3-17.....	27	24	
Rangoon.....	Sept. 4-10.....	.....	11	
<b>Russia:</b>				
Odessa.....	Sept. 24-Oct. 1.....	8	4	
<b>Venezuela:</b>				
Caracas.....	Oct. 20.....	1	1	
Zanzibar.....	Sept. 1-14.....	.....	1	



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

Reports Received During Week Ended October 28, 1910.

## SMALLPOX.

Place.	Date.	Cases.	Deaths.	Remarks.
Belgium:				
Antwerp.....	Sept. 25-Oct. 1.....		1	
Germany, general.....	Oct. 1.....	1		
India:				
Madras.....	Sept. 9-16.....		7	
Mexico:				
Aguascalientes.....	Sept. 13-Oct. 8.....		12	
Mexico.....	Sept. 4-24.....		7	
San Luis Potosi.....	Sept. 1-Oct. 8.....	1	3	
Peria:				
Teheran.....	June 21-Aug. 24.....		130	
Russia:				
Riga.....	Sept. 19-Oct. 1.....	15		
St. Petersburg.....	Sept. 18-24.....	16	3	
Spain:				
Barcelona.....	Sept. 26-Oct. 2.....		1	
Seville.....	Sept. 1-30.....		1	
Switzerland:				
Zurich, canton.....	Sept. 25-Oct. 1.....	4		
Zanzibar.....	Aug. 25-Sept. 14.....		8	

Reports Received from June 25 to October 21, 1910.

[For reports received from January 1, 1910, to June 24, 1910, see PUBLIC HEALTH REPORTS for June 24, 1910. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

## CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Arabia:				
Matrah.....	Sept. 29.....			Present.
Austria-Hungary, general.....	Sept. 17-24.....	28	14	Sept. 29, still present.
Budapest.....	Sept. 8-24.....	6	1	
Galicia—				
Padwoloczyaska.....	June 20.....	1	1	From Russia.
Gonoyo.....	Sept. 3-6.....	1	1	
Kalocsa.....	Sept. 23.....			Present.
Mohacs.....	Aug. 25-Sept. 24.....	22	10	
Nagybajcs.....	Sept. 7.....	1	1	
Neusatz.....	Sept. 23.....			Present.
Pressburg.....	Aug. 24-30.....	1	1	From the steamer Rogensburg.
Vienna.....	Aug. 21-Sept. 17.....	7	2	
Vorošmarton.....	Aug. 19-30.....	1	1	
China:				
Amoy.....	July 17-Sept. 3.....	6	5	
Fatsan.....	July 1.....			Epidemic.
Hankow.....	Aug. 7-13.....	2	1	
Hongkong.....	July 10-16.....	9	6	Imported.
Swatow.....	May 10-June 6.....		254	In vicinity from 3,000 to 4,000 deaths.
Colombo:				
Ceylon.....	July 3-9.....	1		
France:				
Marseilles.....	Oct. 4.....	2	2	From s. s. Bosphore from Piræus.
Germany:				
Frelburg.....	Sept. 9-13.....	2		
Kalthoff.....	Sept. 14.....	10	6	Suburb of Marienburg.
Marienburg.....	Sept. 13-15.....	3	1	
Ruhleben (near Berlin).....	June 23-27.....	2	2	Among Russian emigrants.
Spandau (near Berlin).....	Aug. 29.....	2	1	
India:				
Bombay.....	June 8-Sept. 6.....		27	
Calcutta.....	May 1-Sept 21.....		472	
Kurrachee.....	July 24-Aug. 26.....	5	5	
Madras.....	May 21-Oct. 9.....		29	
Moulmine.....	May 1-7.....	1	1	
Negatapam.....	Apr. 16-Aug. 19.....		208	
Rangoon.....	May 8-Aug. 20.....		15	

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

Reports Received from June 25 to October 21, 1910.

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Italy.....	Oct. 2-16.....	228	76	Outside of Naples.
Naples.....	Sept. 25-Oct. 16.....	291	121	
Rome.....	Sept. 25-Oct. 1.....	5	1	
Apulia, department.....				Sept. 17-Oct. 2: Provinces of Bari and Foggia, cases 71, deaths 33.
Province of Bari—				
Andria.....	Aug. 17-Oct. 1.....	36	26	
Barletta.....	Aug. 17-Sept. 24.....	167	102	
Bisceglie.....	Aug. 17-20.....	2	2	
Bitonto.....	Aug. 17-Sept. 4.....	3	1	
Canosa.....	Aug. 17-Sept. 10.....	10	2	
Grumo Appula.....	Aug. 17-27.....	1		
Molfetta.....	Aug. 17-Oct. 1.....	70	27	
Ruvo.....	Aug. 17-Oct. 1.....	4	1	
Spinazzola.....	Aug. 17-Sept. 4.....	15	8	
Terlizzi.....	Oct. 1.....	1		
Trani.....	Aug. 17-Sept. 10.....	93	71	
Triggiano.....	Sept. 18-24.....	1		
Caserta province, Acerra.....	Oct. 1.....	2		
Province of Foggia—				
Cerignola.....	Aug. 17-Oct. 1.....	35	24	
Margherita di Savoia.....	Aug. 17-Sept. 10.....	24	24	
Ortanova.....	Aug. 17-Sept. 10.....	4	2	
San Ferdinando.....	Aug. 17-Sept. 10.....	15	15	
Trinitapoli.....	Aug. 17-Oct. 1.....	55	30	
Province of Potenza—				
Genzano.....	Aug. 17-27.....	2	1	
Palazzo San Gervasio.....	Aug. 17-27.....	1	1	
Salerno, province.....	Oct. 1.....	1	1	
Auletta.....				
Sicily, province—				
Monreal.....	Oct. 1.....	1		
Palermo.....	Oct. 1.....	4		
Sardinia.....	Oct. 3.....	4	1	
Japan:				
Awaji Island.....	July 22-28.....	3		
Ibogan.....	Aug. 5.....	3	1	
Kobe.....	Sept. 12-21.....	44	26	Sept. 12, first case from s. s. Amakusa Maru, from Dalny.
Moji.....	Aug. 13.....	1		On s. s. Hellos.
Nagasaki.....	Aug. 15.....	1		On s. s. Kasuga Maru, from Shanghai.
Osaka.....	Aug. 6-Sept. 17.....	10	7	
Yokohama.....	Aug. 22.....	1		On s. s. Siberia, from Shanghai.
Java.....				June 18, present in extreme eastern part.
Batavia.....	May 8-Sept. 3.....	347	234	
Samarang.....	May 8-June 4.....	187	152	Mainly among natives.
Soerabaya.....	May 8-Aug. 20.....	125	70	
Korea:				
Chinampo.....	Aug. 26-27.....	2	1	From steamship Suma Maru.
Manchuria:				
Dalny.....	Aug. 21-Sept. 10.....	4	1	
Morocco, general.....	Sept. 27.....		4	Between Rabat and Casablanca, among troops.
Netherlands:				
Rotterdam.....	July 23-29.....	1		From a vessel from Russia.
Persia:				
Ardabil.....	July 1-6.....	20	6	
Enzell.....	Aug. 20.....		3	
Hassan Branch.....	July 11-13.....	6	2	
Philippine Islands:				
Manila.....	May 22-Sept. 10.....	394	257	July 29, 1 fatal case from s. s. Batangueno. First quarter, 1910, cases, 56; deaths, 45. Second quarter, 1910—cases, 37; deaths, 27.
Provinces.....				First quarter, 1910—cases, 578; deaths, 432. Second quarter, 1910—cases, 2,324; deaths, 1,692.
Albay.....	Sept. 4-10.....	3	2	
Batangas.....	May 1-Sept. 10.....	862	547	
Bulacan.....	May 1-Sept. 10.....	789	557	
Cavite.....	June 12-30.....	3	2	
Iloos Sur.....	Aug. 14-Sept. 10.....	29	25	
Mindoro.....	Aug. 21-27.....	3	2	
Mountain Province.....	June 26-Aug. 20.....	5	4	
Nueva Ecija.....	June 26-Sept. 10.....	502	333	
Pampanga.....	Apr. 24-Sept. 10.....	282	260	

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

Reports Received from June 25 to October 21, 1910.

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Philippine Islands—Continued.</b>				
<b>Provinces—Continued.</b>				
Pangasinan .....	Apr. 24–Sept. 10. . .	3,894	3,004	
Rizal .....	June 12–Sept. 10. . .	242	161	
Tarlac .....	May 8–Sept. 10. . .	245	184	
Union .....	May 1–July 30. . .	3	1	
<b>Roumania:</b>				
Galatz .....	Sept. 16. . .	1	1	An Italian seaman.
<b>Russia (total for all Russia).</b>				
Amolinsk, territory	Aug. 7–Sept. 10. . .	552	348	
Archangel, government— Archangel. . . . .	July 17–23. . . . .	1		
Astrakhan, government. . . . .	July 3–Sept. 10. . .	1,734	765	
Baku, government. . . . .	May 29–Sept. 10. . .	1,023	539	
Baku. . . . .	July 3–Sept. 10. . .	933	385	
Batum, territory. . . . .	Aug. 28–Sept. 10. . .	13	6	
Bessarabia. . . . .	June 5–Sept. 10. . .	84	33	
Black Sea, province. . . . .	July 3–Sept. 10. . .	494	161	
Cronstadt. . . . .	July 17–Sept. 10. . .	203	107	
Daghestan, territory. . . . .	July 17–Sept. 10. . .	1,287	435	
Don, territory. . . . .	May 29–Sept. 10. . .	20,511	2,033	
Rostov on the Don. . . . .	June 19–Sept. 10. . .	3,079	1,029	
Erivan, government. . . . .	July 24–Sept. 10. . .	902	444	
Esthonia, government— Reval. . . . .	July 24–30. . . . .	1		
Finland. . . . .	Aug. 6. . . . .	2		
Kaluga, government. . . . .	July 17–Aug. 6. . . .	21	3	
Kars, territory. . . . .	Aug. 7–Sept. 10. . .	572	247	
Kharkov, government. . . . .	May 29–Sept. 10. . .	2,586	1,090	
Khazan. . . . .	June 26–Sept. 10. . .	1,877	811	
Kherson, government. . . . .	May 29–Sept. 10. . .	8,784	4,744	
Odessa. . . . .	May 29–Sept. 16. . .	568	239	June 18–20: Fatal case on steamship Colenzo.
Kief, government. . . . .	May 29–Sept. 10. . .	2,120	810	
Kostroma, government. . . . .	May 29–Sept. 10. . .	1,818	736	
Koutais, government. . . . .	Aug. 7–Sept. 10. . .	368	260	
Kuban, government. . . . .	May 29–Sept. 10. . .	19,373	10,154	
Kursk, government. . . . .	June 26–Sept. 10. . .	5,188	2,033	
Livonia, government. . . . .	Aug. 28. . . . .	9	4	
Riga. . . . .	Aug. 1–Sept. 24. . . .	27		
Minsk, government. . . . .	May 29–Sept. 10. . .	459	152	
Mohilev, government. . . . .	May 15–Sept. 10. . .	180	76	
Moscow, government. . . . .	July 24–Sept. 10. . .	162	72	
Moscow. . . . .	July 10–30. . . . .	10	5	
Nikolajev. . . . .	Aug. 28–Sept. 10. . .	37	19	
Nizhni Novgorod, government. . . . .	July 3–Sept. 10. . .	1,724	740	
Novgorod, government. . . . .	July 17–Sept. 10. . .	293	130	
Olonez, government. . . . .	Aug. 14–Sept. 10. . .	10	5	
Orel, government. . . . .	Mar. 30–Sept. 10. . .	417	162	
Orenburg, government. . . . .	July 17–Sept. 10. . .	2,091	1,036	
Orlov. . . . .	July 3–9. . . . .	22	8	
Perm, government. . . . .	July 17–30. . . . .	55	19	
Podolia, government. . . . .	July 3–Sept. 10. . .	733	284	
Pensa, government. . . . .	July 10–Aug. 13. . . .	401	138	
Perm, government. . . . .	July 17–Sept. 10. . .	601	204	
Poltava, government. . . . .	May 29–Sept. 10. . .	2,889	1,164	
Pskov, government. . . . .	Aug. 14–Sept. 10. . .	5	1	
Rjasan, government. . . . .	July 3–Sept. 10. . .	1,925	805	
St. Petersburg, government. . . . .	July 10–Sept. 10. . .	420	217	
St. Petersburg. . . . .	June 19–Sept. 10. . .	3,137	1,297	
Samara, government. . . . .	June 19–Sept. 10. . .	8,215	3,656	
Sarapul, government. . . . .	July 17–Aug. 27. . . .	1,010	539	
Saratov, government. . . . .	June 19–Sept. 10. . .	5,228	2,134	
Semipatinsk, territory. . . . .	Sept. 4–10. . . . .	11	4	
Simbirsk, government. . . . .	June 19–Sept. 10. . .	2,959	1,370	
Smolensk. . . . .	July 24–Sept. 10. . .	69	31	
Stavropol, government. . . . .	June 26–Sept. 10. . .	3,861	1,862	
Syr Darya. . . . .	July 24–Sept. 10. . .	61	35	
Tambov, government. . . . .	June 19–Sept. 10. . .	3,698	1,755	
Transbaikal, territory. . . . .	Sept. 4–10. . . . .	15	8	
Taurida, government. . . . .	May 29–Sept. 10. . .	4,014	1,969	
Kertsch. . . . .	May 29–Sept. 10. . .	482	217	
Sebastopol. . . . .	June 19–Sept. 10. . .	44	24	
Theodosia. . . . .	June 19–25. . . . .			Present.
Terek, territory. . . . .	June 19–Sept. 10. . .	1,197	633	
Tiflis, government. . . . .	July 17–Sept. 10. . .	1,495	550	
Tiflis. . . . .	June 19–July 16. . . .	113	41	

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

Reports Received from June 25 to October 21, 1910.

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Russia—Continued.</b>				
Tschernigov.....	May 29-Sept. 10...	1,149	423	
Tobolsk.....	Aug. 7-Sept. 10....	117	42	
Tomsk, government.....	Aug. 14-Sept. 10..	200	62	
Trans-Caspian, territory.....	July 3-Sept. 10....	62	27	
<b>Trans-Caucasia—</b>				
Tschernomorsk, district—				
Novorossysk.....	June 19-July 3....	7	6	
Tula, government.....	July 10-Aug. 27....	34	10	
Turgal, territory.....	July 24-Sept. 10....	59	36	
Tver, government.....	July 24-Sept. 10....	16	1	
Ufa, government.....	July 10-Sept. 10....	588	361	
Ural, territory.....	Aug. 14-Sept. 10....	122	73	
Vitebsk, government.....	May 29-Sept. 10....	82	30	
Veronesch, government.....	May 29-Sept. 10....	4,130	1,958	
Viatka.....	July 24-Sept. 10....	275	146	
Vladimir, government.....	July 24-Aug. 30....	7	2	
Volhynia, government.....	July 3-Sept. 10....	47	25	
Vologda, government.....	Aug. 14-Sept. 10....	188	109	
Warsaw, district.....	Aug. 25-Sept. 2....	25	28	Sept. 22, still present.
Yaroslavl, government.....	July 24-Sept. 10....	1,088	578	
Yaroslavl.....	July 10-23.....	25	13	
Yekaterinislav, government.....	May 29-Sept. 10....	14,504	6,670	
Yellsavetpol.....	Aug. 7-Sept. 10....	54	44	
<b>Servia:</b>				
Belgrade.....	Oct. 8.....	1		
<b>Slam:</b>				
Bangkok.....	May 4-Aug. 13....	711	704	
<b>Straits Settlements:</b>				
Singapore.....	May 8-Sept. 3....	109	104	
<b>Turkey:</b>				
Constantinople.....	Sept. 13-26.....	22	9	
Erzerum, vilayet.....	Aug. 31-Sept. 22..	324	213	
Samsoun.....	Sept. 18-24.....	1		
Tizirk.....	Sept. 18-24.....	1		
Trebizond.....	Sept. 10-24.....	97	46	

## YELLOW FEVER..

<b>Brazil:</b>				
Bahia.....	Apr. 30-June 3....	2	2	
Manaos.....	May 30-Sept. 10....	35	35	
Para.....	May 30-Sept. 17....	110	76	July 25: One death on steamship Augustine, en route from Para to Lisbon, 2 days previous to arrival at Madeira.
Pernambuco.....	May 16.....	21	1	
<b>Costa Rica:</b>				
Limon.....	July 9-14.....	1	1	
San Jose.....	May 28-July 9....	3	2	Fatal case May 28 from Barranquilla; case June 29 from Siquires; fatal case July 9 from Tivives.
Siquires.....	July 31.....	1	1	
<b>Ecuador:</b>				
Babahoyo.....	Sept. 1-15.....	1		
Duran.....	Aug. 16-31.....	1		Present Sept. 19.
Guayaquil.....	May 16-Sept. 15..	65	27	
Milagro.....	Aug. 16-31.....	2	1	Do.
<b>Gold Coast:</b>				
Sekondi.....	May 1-27.....	8	8	
<b>Mexico:</b>				
Campeche.....	Sept. 25-Oct. 8....	5	3	
<b>Sierra Leone:</b>				
Freetown.....	May 1-Aug. 1....	7	7	
Sherboro.....	May 20.....			Present.
<b>Venezuela:</b>				
Caracas.....	Sept. 17.....			Do.
La Guaira.....	June 16-30.....		1	
Puerta Cabello.....	Oct. 12.....			Do.

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

Reports Received from June 25 to October 21, 1910.

## PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Argentina:</b>				
Rosario .....	Feb. 1-28.....	1	1	
Tucuman .....	Feb. 26-May 31.....	37	16	
<b>Brazil:</b>				
Bahia .....	Apr. 30-Aug. 19... ..	9	9	
Para .....	Sept. 19.....	1		
Pernambuco .....	Apr. 1-June 30.....	2	2	
Rio de Janeiro .....	June 5-Aug. 31.....	2	1	
<b>Chile, general</b> .....	Jan. 1-May 31.....	104	35	
Iquique .....	May 8-Aug. 27.....	37	12	
Mejillones .....	Apr. 27.....			Present.
Pisagua .....	Apr. 1-May 31.....	14	4	
Taital .....	Apr. 1-27.....	12		
<b>China:</b>				
Amoy .....	July 3-Aug. 20.....		10	May 8-June 11, 8 to 12 deaths daily. Aug. 6, present in vicinity.
Kulansu, international city.	June 5-11.....		1	
Canton .....	July 13-Aug. 6.....	43	31	
Chao Yang district.....	May 5-19.....		3,000	Mainly at Ho Peng. Present also at Chein, Feng-chow-so, Taipushien, and Tsai-tang-shi.
Chang-pu district.....	June 11.....			Epidemic.
Ching-chew district.....	June 11.....			Do.
Hankow .....	May 15-28.....	5	3	
Hongkong .....	May 8-Aug. 27.....	20	18	
Swatow .....	June 1-July 11.....			Present in vicinity.
<b>Ecuador:</b>				
Babahoyo .....	Sept. 1-15.....	1		
Guayaquil .....	May 16-Sept. 15.....	69	23	
Matilde, plantation .....	Sept. 1-15.....	1		
Rocafuerte .....	Aug. 16-31.....	1		Sept. 15—1 case in hospital.
<b>Egypt:</b>				
Alexandria .....	May 24-Sept. 6.....	23	13	
Ismalia .....	June 19.....	1	1	
Port Said .....	June 14-Aug. 27.....	27	11	
<b>Provinces—</b>				
Assiout .....	May 26-Sept. 7.....	18	9	
Assouan .....	Apr. 30-June 8.....	2	2	
Beni Souef.....	May 27-June 29.....	8	5	
Dakalyieh .....	Aug. 16-26.....	3	2	
Galloobeeh.....	May 21-July 29.....	8	1	
Garbieh .....	May 14-Aug. 27.....	25	11	
Fayoum .....	May 28-July 11.....	20	14	
Kena .....	May 27-June 18.....	24	22	
Menouf.....	May 24-July 22.....	117	22	
Minieh.....	May 31-Aug. 19.....	24	9	
<b>Hawaii:</b>				
Honolulu .....	July 5-12.....	2	2	
<b>India:</b>				
Bombay .....	May 18-Sept. 13.....		872	
Calcutta .....	May 1-Aug. 27.....		525	
Kurrachee .....	May 15-Sept. 10.....	317	307	
Madras .....	June 25-July 1.....		1	
Rangoon .....	May 8-Aug. 27.....		420	
Bombay, Presidency and Sind.....	May 1-Aug. 27.....	6,085	4,477	
Madras Presidency.....	May 1-Aug. 27.....	616	486	
Bengal.....	May 1-Aug. 27.....	1,548	1,371	
United provinces.....	May 1-Aug. 27.....	6,670	6,039	
Punjab.....	May 1-Aug. 27.....	43,958	38,304	
Burma.....	May 1-Aug. 27.....	1,675	1,586	
Eastern Bengal and Assam.....	June 12-July 9.....	48	45	
Central provinces, including Berar.....	May 1-Aug. 27.....	1,278	719	
Mysore State.....	May 1-Aug. 27.....	882	614	
Hyderabad State.....	May 1-Aug. 27.....	704	619	
Central India.....	May 1-Aug. 27.....	231	123	
Rajputana and Ajmer-Merwara.....	May 1-Aug. 27.....	8,246	7,254	
Kashmir.....	May 1-June 11.....	58	49	
North West Province.....	June 12-18.....	3	3	
<b>Grand total.....</b>		<b>72,002</b>	<b>61,689</b>	

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

Reports Received from June 25 to October 21, 1910.

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks:
Japan:				
Formosa.....	May 8-June 18....	16	12	
Osaka.....	May 1-June 25....	9	9	
Yokohama.....	Aug. 31.....	1	1	On steamship Manchuria from Hongkong.
Malta:				
Valetta.....	July 16.....	1		In quarantine station on Comino Island, from s. s. North Wales.
Mauritius.....	Apr. 1-July 29....	22	10	
New Zealand:				
Auckland.....	May 23.....	1		
Persia:				
Bouchir.....	Apr. 29-June 25...	51	40	
Peru:				
Arequipa Department.....	Mar. 1-31.....	16	8	
Mollendo.....	May 16-Aug. 23....	2	1	Aug. 12, one case.
Callao Department.....	Mar. 1-31.....	2		
Callao.....	May 12-Sept. 3....	4		Case May 12 from s. s. Victoria; case May 19 from s. s. Nicaria
Lambayague Department.....	Mar. 1-July 31....	40	20	
Libertad Department.....	Mar. 1-Aug. 31....	76	40	
Lima Department.....	Mar. 1-July 31....	20	12	
Piura Department.....	Mar. 1-July 31....	6	3	
Rhodes:				
Aplakia.....	May 22-28.....			Present.
Russia:				
Astrakhan government—				
Khirgiz Steppe.....	June 26-July 7....	13	12	In Kalmuk and Narinsk.
Moscow.....	Aug. 14-Sept. 3....	2	1	
Odessa.....	July 18-Sept. 23...	113	29	
St. Petersburg.....	May 6-28.....	3	3	
Siam:				
Bangkok.....	Apr. 25-Aug. 13...	26	23	
Straits Settlements:				
Singapore.....	May 8-28.....	3	3	
Trinidad:				
Port of Spain.....	May 15-July 14....	2	2	
Tunis:				
Tunis.....	June 30.....	5	3	
Turkey in Asia:				
Basra.....	June 12-Aug. 13...	5	4	
Lobeia.....	May 1-24.....	25	27	And vicinity.
Venezuela:				
Caracas.....	July 30-Aug. 13...	2	2	
Zanzibar:				
Zanzibar.....	Sept. 10.....	1		

## SMALLPOX.

Abyssinia:				
Adis Ababa.....	May 16-Sept. 10...			Present.
Argentina:				
Buenos Aires.....	Feb. 1-June 30....		362	
Mendoza, province.....	July 27.....			Epidemic.
Rosario.....	Feb. 1-July 31....	6	6	Report for February received out of date.
San Juan, province.....	July 27.....			Epidemic.
Algeria:				
Bona.....	May 1-31.....	1	1	
Arabia:				
Maskat.....	July 19-23.....	1		
Australia:				
Victoria, general.....	Apr. 3-19.....	1	1	
Austria-Hungary:				
Bukowina.....	July 10-16.....	1		
Galicja.....	May 29-July 23....	5		
Barbados.....	Aug. 16.....	1		From steamship Byron.
Belgium:				
Antwerp.....	July 24-Sept. 10...	2		
Ghent.....	July 24-Sept. 10...		2	
Brazil:				
Bahia.....	Apr. 30-Aug. 19...	306	233	
Campinas.....	July 17-23.....		1	
Manaos.....	Aug. 6-Sept. 3....			Present.
Para.....	May 29-Sept. 17...	53	18	

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

Reports Received from June 25 to October 21, 1910.

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Brazil—Continued.</b>				
Pernambuco.....	Mar. 16-June 30.....		331	
Rio de Janeiro.....	Apr. 18-Sept. 4.....	13		
Santos.....	May 22-July 16.....		11	
Sao Paulo.....	June 12-25.....		4	
<b>Canada:</b>				
<b>British Columbia—</b>				
Fernie.....	June 12-25.....	4		
Vancouver.....	May 1-31.....	2		
Victoria.....	Aug. 21-Oct. 8.....	5		
<b>Manitoba—</b>				
Dauphin.....	Sept. 15.....			Present.
Winnipeg.....	June 19-25.....	1		
<b>Nova Scotia—</b>				
Halifax.....	June 14-Oct. 1.....	15		
Pictou.....	June 12-July 23.....	9	1	
Sydney.....	July 3-15.....	20		
<b>Ontario—</b>				
Kingston.....	Oct. 3.....			Present in vicinity.
Toronto.....	June 5-Sept. 17.....	13		
<b>Ceylon:</b>				
Colombo.....	June 26-Sept. 10.....	12	5	
<b>Chile:</b>				
Antofagasta.....	July 3-9.....	4		
Chilean.....	May 14.....			Epidemic.
Santiago.....	June 19-25.....			Present.
Valparaiso.....	May 19-Sept. 10.....	232		Deaths not reported.
Victoria.....	May 14.....			Present.
<b>China:</b>				
Canton.....	May 8-28.....	9		
Chefoo.....	June 18-July 2.....	1	1	June 5—Present. July 2—One case from a vessel.
Chungking.....	Aug. 27.....			Present.
Hongkong.....	May 8-July 30.....	6	3	
Nanking.....	May 7-Aug. 13.....			Present.
Shanghai.....	May 22-Sept. 11.....	5	49	Cases among foreigners, deaths among natives. June 9—Three cases from U. S. cruiser New Orleans from Nanking.
Swatow.....	June 6-July 17.....			Present.
Tsingtau.....	June 12-18.....	2		
<b>Cuba:</b>				
Habana.....	Sept. 17.....	1		On s. s. Corcovado, from Coruna.
<b>Egypt, general.</b>				
Alexandria.....	Apr. 30-June 17.....	415	85	
Cairo.....	May 1-Aug. 31.....		13	
Cairo.....	May 21-Sept. 23.....	11	5	
Suez.....	May 21-27.....	1		
<b>France:</b>				
Paris.....	May 29-Sept. 3.....	34		
<b>Germany, general.</b>				
Hamburg.....	May 29-Sept. 10.....	19		
Gibraltar.....	June 5-11.....	1		
Gibraltar.....	June 20-Sept. 25.....	6	2	
<b>Great Britain:</b>				
Liverpool.....	July 17-Sept. 24.....	3		
London.....	June 19-Aug. 6.....	6		
South Shields.....	May 22-June 4.....	4	1	
<b>Hawaii:</b>				
Hilo.....	Sept. 10.....	1		Case on s. s. Wilhelmina, from San Francisco via Honolulu.
<b>India:</b>				
Bombay.....	May 18-Sept. 13.....		118	
Calcutta.....	July 10-Aug. 20.....		2	
Kurrachee.....	May 15-July 16.....	12	3	
Madras.....	May 14-Sept. 9.....		28	
Rangoon.....	May 8-Aug. 27.....		38	
<b>Italy, general.</b>				
Genoa.....	May 30-Aug. 7.....	66		
Genoa.....	June 16-30.....	1		
Naples.....	May 30-Aug. 21.....	88	17	June 26—One case from s. s. San Giovanni. One case, July 3, on s. s. Pannonia.
<b>Japan:</b>				
Formosa.....	May 22-Sept. 25.....		5	
<b>Java:</b>				
Batavia.....	May 22-Aug. 27.....	5		
<b>Korea:</b>				
Fusan.....	May 1-7.....	1		
Seoul.....	May 26-July 2.....	3	4	
Malta.....	May 22-July 30.....	18	2	

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

Reports Received from June 25 to October 21, 1910.

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Mexico:</b>				
Aguascalientes.....	June 5-Sept. 17.....	.....	28	
Guadalajara.....	June 11-July 2.....	.....	6	
Mexico.....	May 15-Aug. 20.....	.....	30	
San Luis Potosi.....	May 29-Sept. 4.....	10	6	
Veracruz.....	July 3-9.....	1	.....	
<b>Netherlands:</b>				
Rotterdam.....	Sept. 4-17.....	.....	1	
<b>Persia:</b>				
Kerman.....	July 2.....	.....	.....	Present.
Teheran.....	May 1-31.....	.....	28	Among pilgrims.
<b>Philippine Islands.....</b>	{.....	71	.....	First quarter, 1910.
	{.....	56	.....	Second quarter, 1910.
<b>Portugal:</b>				
Lisbon.....	May 29-Sept. 24.....	751	.....	Jan. 1-Aug. 20, deaths 170.
<b>Russia:</b>				
Libau.....	May 30-Sept. 4.....	143	9	
Moscow.....	May 22-Sept. 17.....	180	68	
Odessa.....	May 22-Sept. 10.....	51	12	
Riga.....	May 29-Sept. 17.....	404	.....	Apr. 1-July 31, deaths 144.
St. Petersburg.....	May 8-Sept. 3.....	424	167	
Warsaw.....	Mar. 6-Aug. 6.....	.....	181	
<b>Siam:</b>				
Bangkok.....	Apr. 25-June 18.....	3	3	
<b>Siberia:</b>				
Vladivostok.....	Apr. 22-Aug. 13.....	9	1	
<b>Spain:</b>				
Almeria.....	June 1-Aug. 31.....	.....	3	
Barcelona.....	May 31-Sept. 4.....	.....	17	
Cadiz.....	May 1-31.....	.....	1	
Madrid.....	May 1-Aug. 31.....	.....	8	
Seville.....	May 1-Aug. 30.....	.....	5	
Valencia.....	June 19-July 23.....	6	.....	
Vigo.....	June 12-Sept. 24.....	.....	9	
<b>Straits Settlements:</b>				
Penang.....	May 29-Sept. 10.....	25	12	
Singapore.....	May 8-Sept. 3.....	199	63	
<b>Switzerland:</b>				
Thurgau, Canton.....	July 10-16.....	1	.....	
Zurich, Canton.....	June 19-Sept. 17.....	9	.....	
<b>Tripoli:</b>				
Tripoli.....	June 12-18.....	1	.....	
<b>Turkey:</b>				
Constantinople.....	Aug. 22-28.....	.....	1	
<b>Turkey in Asia:</b>				
Basra.....	June 5-Aug. 13.....	.....	.....	Present.
<b>Uruguay:</b>				
Montevideo.....	Apr. 1-July 31.....	744	316	
San Jose.....	July 7.....	.....	.....	Do.
<b>Zanzibar:</b>				
Zanzibar.....	June 1-Sept. 11.....	135	55	



## 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.		
Anguascalientes.....	Sept. 19 to Oct. 15	40,000	232	6				12	2							3
Aix la Chapelle.....	Sept. 24	162,337	49	3									1			1
Antwerp.....	Oct. 1	326,351	66	9				1					1			
Athens.....	Sept. 17	250,000	97	24						2						
Do.....	Sept. 24		76	9						10			1			
Bahia.....	Aug. 26	286,000	90	13	3			10								
Barcelona.....	Oct. 2	591,272	298	27				1		13			2			
Barmen.....	Sept. 17	164,600	29	3								2	1		1	
Do.....	Oct. 1		30	3								1	1		1	
Batavia.....	Sept. 10	217,630				7						1	1			
Belgrade.....	Oct. 1	80,000	35									1	1			
Berlin.....	Sept. 24	2,126,917	506	74						2		5	10		1	4
Birmingham.....	Oct. 8	570,113	140												1	
Bombay.....	Sept. 20	977,822	640	53	11	3				3						1
Bradford.....	Oct. 1	295,865	83	4									1			
Bremen.....	do.....	241,635	59	9												
Bristol.....	Oct. 8	382,550	95	9								2	2			
Brussels.....	Sept. 24	562,895	158	17						13			1			
Do.....	Oct. 1		199	21						9		1	4			4
Budapest.....	do.....	950,610								1			3			1
Charlottetown.....	Oct. 18	110,000								1						
Chemnitz.....	Oct. 1	287,818	73	7									1			
Chihuahua.....	Oct. 9	37,000	23	3						1					1	
Cologne.....	Oct. 1	513,030	135	15						2		1	1		3	
Colombo.....	Sept. 10	187,554	119	17				2		5						
Dundee.....	Oct. 8	170,206	50	5								1				
Georgetown.....	Oct. 1	53,176	62	5									1			
Gothenburg.....	do.....	164,000	37	6									3			1
Halifax.....	do.....	50,000	16	1												
Hamburg.....	Sept. 24	895,804	215	22						1		1	7		1	2
Do.....	Oct. 1		261	27									1		13	1
Havre.....	do.....	132,430	44	6						2			1			
Hilo.....	Sept. 24	3,500	6							1						
Konigsberg.....	Oct. 1	244,200	74	6												2
Leeds.....	Oct. 8	490,985	134	10									4	21		3
Leipzig.....	Oct. 1	590,329	147	16					2			1	3	8		
Liege.....	Sept. 24	176,123	41	4								1	1			
Liverpool.....	Oct. 8	767,606	260	12						1		1	2	11		2
Manaos.....	Sept. 17		28				3									
Do.....	Sept. 24	50,000	33	2			2			1						
Madras.....	Sept. 16	550,000	483			26		7								
Magdeburg.....	Sept. 24	279,988	64	6									1			
Mannheim.....	do.....	196,418	40	6											1	2
Mexico.....	Sept. 10	500,000	347	22				2	12						2	1
Do.....	Sept. 17		337	24				3	9						1	1
Do.....	Sept. 24		344	13				2	12					1		
Montreal.....	Oct. 15	450,000	166	19						3	3		5			1
Munich.....	Sept. 24	576,000	166	24								1	1	3		1
Nantes.....	Sept. 25	161,908	49	13												
Do.....	Oct. 2		54	17						1						
Paris.....	Sept. 24	2,776,394	758	168								3	36	4	3	1
Prague.....	Oct. 1	233,344	62	8									1			1
Rangoon.....	Sept. 10	252,155	136	8	11											
St. Petersburg.....	Sept. 24	162,000	691	101		82		3		7	15		9	5		5
San Luis Potosi.....	do.....	82,479	76	5						1	1					1
Do.....	Sept. 17		63	4				2	1	1						
Do.....	Oct. 1		53	7										1		
Santa Cruz.....	do.....	46,000	16	1								1	1			
Stettin.....	do.....	239,000	72	1							2		1			
Tarragona.....	do.....	20,400	5									1				
Trebizond.....	do.....	55,000				98										
Valencia.....	do.....	240,000	79	5							2					
Victoria.....	Oct. 8	35,000	15													
Vienna.....	Sept. 24	2,107,981	500	78								3	10	3		1
Vigo.....	Oct. 1	40,000	13	3							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.
Vladivostok.....	Aug. 21	90,162	24	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Warsaw.....	Aug. 13	781,179	269	20	.....	.....	.....	.....	.....	.....	5	.....	.....	.....
Winnipeg.....	Oct. 15	135,000	41	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yokohama.....	Sept. 26	407,432	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Zanzibar.....	Aug. 31	75,000	31	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Sept. 7	.....	25	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Sept. 14	.....	25	4	1	.....	.....	.....	.....	.....	.....	.....	.....	.....

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

AUSTRIA-HUNGARY—*Brunn*.—Month of August, 1910. Population, 94,500. Total number of deaths from all causes 190, including typhoid fever 2, scarlet fever 1, diphtheria 2, tuberculosis 39.

AZORES—*St. Michaels*.—Month of June, 1910. Population, 131,183. Total number of deaths from all causes 363, including typhoid fever 1, tuberculosis 8.

Month of July, 1910. Total number of deaths 378, including typhoid fever 2, diphtheria 1, tuberculosis 8.

CANADA—*Hamilton*.—Month of September, 1910. Population, 73,000. Total number of deaths from all causes 101, including diphtheria 1, tuberculosis 5.

EGYPT—*Alexandria*.—Month of July, 1910. Population, 420,000. Total number of deaths from all causes 1,204, including typhus fever 1, typhoid fever 13, smallpox 3, measles 19, diphtheria 4, plague 6, tuberculosis 71.

Month of August, 1910. Total number of deaths 1,229, including typhus fever 1, typhoid fever 16, measles 9, diphtheria 5, plague 1, tuberculosis 76.

GREAT BRITAIN.—Week ended September 3, 1910.

*England and Wales*.—The deaths registered in 77 great towns correspond to an annual rate of 12.1 per 1,000 of the population, which is estimated at 16,940,895.

*Ireland*.—The deaths registered in 21 principal town districts correspond to an annual rate of 15.2 per 1,000 of the population, which is estimated at 1,151,790. The lowest rate was recorded at Newry, viz, 4.2, and the highest at Clonmel, viz, 35.9 per 1,000.

*Scotland.*—The deaths registered in 8 principal towns correspond to an annual rate of 13.3 per 1,000 of the population, which is estimated at 1,865,571. The lowest rate was recorded at Leith, viz, 7.2, and the highest at Dundee, viz, 20.2 per 1,000. The total number of deaths from all causes was 483, including typhoid fever 3, scarlet fever 5, diphtheria 7.

NEWFOUNDLAND—*St. Johns.*—Year ended December 31, 1909. Population, 43,485. Total number of deaths from all causes 3,683, including measles 12, diphtheria 12, tuberculosis 736.

TAHITI.—Five weeks ended September 26, 1910. Population, 4,000. Total number of deaths from all causes 12. No deaths from contagious diseases.

TURKEY—*Saloniki.*—Four weeks ended August 13, 1910. Population, 143,733. Total number of deaths from all causes 92, including tuberculosis 15. Four weeks ended September 13, 1910. Total number of deaths 76, including typhoid fever 2, tuberculosis 17.

VENEZUELA—*La Guaira.*—Month of September, 1910. Population, 10,000. Total number of deaths from all causes 30, including typhoid fever 6, tuberculosis 3.

By authority of the Secretary of the Treasury:

WALTER WYMAN,

*Surgeon-General,*

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