

# PUBLIC HEALTH REPORTS.

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NOVEMBER 25, 1910.

No. 47

## UNITED STATES.

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

### PLAGUE-PREVENTION WORK.

#### DISTRIBUTION OF POISON.

In connection with the making of a squirrel-free zone around the cities in California on San Francisco Bay, 2,180 acres of land in Contra Costa County and 15 in San Mateo County were covered with poison during the week ended November 5, 1910.

#### 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.
California:			
Cities—			
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.
Counties—			
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	Oct. 5, 1910	23 squirrels.
Santa Cruz.....	None recorded.	May 17, 1910	3 squirrels.
Stanislaus.....	do.	May 21, 1910	5 squirrels.
Washington:			
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.
California:					
Berkeley.....	Nov. 5	0	a 70	57	.....
Oakland.....	do.	18	b 682	440	.....
San Francisco.....	do.	40	c 1,737	1,242	.....
Total.....		58	2,489	1,739	.....

a Identified: *Mus norvegicus* 55, *Mus musculus* 15.

b Identified: *Mus norvegicus* 611, *Mus rattus* 2, *Mus musculus* 68, *Mus alexandrinus* 1.

c Identified: *Mus norvegicus* 1,204, *Mus rattus* 110, *Mus musculus* 310, *Mus alexandrinus* 112, *Mus albus* 1.

## Squirrels Collected and Examined for Plague Infection.

Place.	Week ended—	Trapped and shot.	Found dead.	Examined.	Found infected.
California:					
Cities—					
San Francisco.....	Nov. 5..	2	0	2	.....
Counties—					
Calaveras.....	do.....	66	0	66	.....
Contra Costa.....	do.....	210	11	221	.....
Fresno.....	do.....	77	0	77	.....
Los Angeles.....	do.....	206	0	195	.....
Madera.....	do.....	81	0	81	.....
Mariposa.....	do.....	57	0	57	.....
Merced.....	do.....	103	0	103	.....
Monterey.....	do.....	443	0	441	.....
Sacramento.....	do.....	208	0	205	.....
San Joaquin.....	do.....	270	0	268	.....
San Luis Obispo.....	do.....	400	0	400	.....
San Mateo.....	do.....	81	2	83	.....
Santa Clara.....	do.....	42	0	42	.....
Tuolumne.....	do.....	92	0	92	.....
Yolo.....	do.....	14	0	14	.....
Total.....		2,352	13	2,347	.....

## Other Animals Collected and Examined.

Place.	Week ended—	Animals collected.	Examined.	Found infected.
California:				
Cities—				
San Francisco.....	Nov. 5	6 gophers.....	2	.....
Counties—				
Kern.....	do.....	25 chipmunks, 4 kangaroo rats.	18	.....
Los Angeles.....	do.....	2 field mice, 2 owls.....	4	.....
San Luis Obispo.....	do.....	1 rabbit.....	1	.....
Santa Clara.....	do.....	2 rabbits.....	2	.....
Yolo.....	do.....	2 rabbits.....	2	.....
Total.....			29	.....

## SMALLPOX IN THE UNITED STATES.

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

## Reports Received During Week Ended November 25, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
*Alabama:				
Montgomery.....	Nov. 6-12.....	3	.....	
Florida:				
Dade County.....	Nov. 6-12.....	1	.....	
Escambia County.....	Nov. 6-12.....	2	.....	
Hillsboro County.....	Nov. 6-12.....	2	.....	
Osceola County.....	Nov. 6-12.....	12	.....	
Kansas:				
Allen County.....	Sept. 1-30.....	1	.....	
Barton County.....	Sept. 1-30.....	2	.....	
Clay County.....	Sept. 1-30.....	2	.....	
Crawford County—				
Pittsburg.....	Sept. 1-30.....	1	.....	
Marshall County.....	Sept. 1-30.....	2	.....	
Sumner County.....	Sept. 1-30.....	1	.....	
*Louisiana:				
New Orleans.....	Nov. 6-12.....	4	.....	

**SMALLPOX IN THE UNITED STATES—Continued.**  
**Reports Received During Week Ended November 25, 1910.**

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Maine:</b>				
Aroostook County—				
Mapleton	Nov. 12	1		
<b>North Carolina:</b>				
Beaufort County	Oct. 1-31	2		
Columbus County	Oct. 1-31	14		
Cumberland County	Oct. 1-31	1		
Edgecombe County	Oct. 1-31	40		
Martin County	Oct. 1-31	1		
New Hanover County	Oct. 1-31	19		
Orange County	Oct. 1-31	1		
Perquimans County	Oct. 1-31	7		
Pitt County	Oct. 1-31	100		
Robeson County	Oct. 1-31	8		
Scotland County	Oct. 1-31	2		
Union County	Oct. 1-31	2		
<b>Washington:</b>				
Adams County	Apr. 1-30	8		
Asotin County	Apr. 1-30	1		
Chelan County	Apr. 1-30	1		
Clark County	Apr. 1-30	1		
King County	Apr. 1-30	1		
Seattle	Apr. 1-30	4		
Kitsap County	Apr. 1-30	15		
Lincoln County	Apr. 1-30	1		
Pierce County—				
Tacoma	Apr. 1-30	1		
Skamania County	Apr. 1-30	4		
Snohomish County	Apr. 1-30	1		
<b>Spokane County—</b>				
Spokane	Apr. 1-30	25		
Walla Walla County	Apr. 1-30	1		
Whatecom County	Apr. 1-30	12		
Whitman County	Apr. 1-30	2		
Adams County	May 1-31	2		
Clark County	May 1-31	4		
Clallam County	May 1-31		4	
Cowlitz County	May 1-31	1		
King County	May 1-31	1		
Seattle	May 1-31	16		
Kittitas County	May 1-31	4		
Lincoln County	May 1-31	1		
Okanogan County	May 1-31		2	
<b>Spokane County—</b>				
Spokane	May 1-31	12		
Stevens County	May 1-31	1		
Whatecom County	May 1-31	5		
Whitman County	May 1-31	1		
Yakima County	May 1-31	6		

**Reports Received from June 25 to November 18, 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-Nov. 1	21		
Montgomery	June 12-25	6		
Total for State		38		
<b>* Arizona:</b>				
Flagstaff	Oct. 23-29	1		
Total for State		1		
<b>* Arkansas:</b>				
Fort Smith	June 19-25	1		
<b>California, general.</b>				
Amador County	May 1-June 30	27		
Hamlet County	July 1-Aug. 31	2		
Los Angeles County	Aug. 1-31	2		
Sacramento County	July 1-31	1		
San Francisco County	Aug. 1-31	1		
San Joaquin County	July 1-Aug. 31	2		
Santa Clara County	July 1-31	4		
Total for State		41		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to November 18, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<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-Oct. 31.....	25	.....	
Boulder County.....	Oct. 1-31.....	1	.....	
Chaffee County.....	July 1-Aug. 31.....	3	.....	
Clear Creek County.....	Aug. 1-31.....	1	.....	
Conejos County.....	June 1-Oct. 31.....	6	.....	
Delta County.....	June 1-30.....	2	.....	
Denver County.....	June 1-Oct. 31.....	92	.....	
El Paso County.....	July 1-Aug. 31.....	3	.....	
Fremont County.....	Oct. 1-31.....	1	.....	
Garfield County.....	Oct. 1-31.....	1	.....	
Huerfano County.....	June 1-Oct. 31.....	24	.....	
Kit Carson County.....	June 1-30.....	4	.....	
Larimer County.....	June 1-30.....	1	.....	
Las Animas County.....	June 1-Oct. 31.....	8	.....	
La Plata County.....	Oct. 1-31.....	4	.....	
Logan County.....	June 1-30.....	1	.....	
Mesa County.....	June 1-Oct. 31.....	2	.....	
Montezuma County.....	Sept. 1-Oct. 31.....	3	.....	
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.....	20	.....	
San Miguel County.....	June 1-30.....	1	1	
Teller County.....	June 1-Oct. 31.....	12	.....	
Weld County.....	June 1-30.....	5	.....	
Total for State.....	.....	255	6	
Connecticut.....	Jan. 1-31.....	.....	.....	No cases.
District of Columbia.....	July 3-Sept 17.....	15	.....	
Total for District.....	.....	15	.....	
<b>Florida:</b>				
Brevard County.....	Aug. 7-13.....	1	.....	
Duval County.....	June 19-Nov. 5.....	3	.....	
Gadsden County.....	July 3-Oct. 22.....	12	.....	
Hillsboro County.....	July 17-Oct. 29.....	4	.....	
Jackson County.....	June 19-Aug. 6.....	3	.....	
Jefferson County.....	July 10-Aug. 6.....	4	.....	
Leon County.....	Mar. 1-Oct. 29.....	1	1	
Liberty County.....	July 17-23.....	14	.....	
Osceola County.....	Oct. 23-Nov. 5.....	30	.....	
Santa Rosa County.....	July 31-Aug. 6.....	2	.....	
Taylor County.....	July 3-9.....	1	.....	
Walton County.....	June 12-18.....	1	.....	
Total for State.....	.....	76	1	
<b>*Georgia:</b>				
Columbus.....	July 3-9.....	6	.....	
Macon.....	Apr. 1-June 30.....	8	.....	
Total for State.....	.....	14	.....	
<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	.....	
Madison County.....	June 1-Aug. 31.....	23	.....	
Marion County.....	June 1-30.....	3	.....	
Montgomery County.....	June 1-30.....	6	.....	

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to November 18, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Illinois—Continued.</b>				
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	.....	
Total for State.....		132	.....	
<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	.....	
Total for State.....		186	.....	
<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	.....	
Total for State.....		125	.....	
<b>Kansas:</b>				
Allen County.....	May 1-Aug. 31....	41	.....	
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	.....	
Coffee County.....	July 1-31.....	1	.....	
Cowley County.....	Apr. 1-July 31....	12	.....	
Crawford County.....	June 1-30.....	4	.....	1
Pittsburg.....	Aug. 1-31.....	1	.....	
Decatur County.....	Apr. 1-Aug. 31....	38	.....	
Dickinson County.....	May 1-June 30....	10	.....	
Donniphon County.....	Apr. 1-30.....	10	.....	
Edwards County.....	Apr. 1-Aug. 31....	7	.....	

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to November 18, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Kansas—Continued.</b>				
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-Aug. 31.....	13		
Marion County.....	July 1-31.....	1		
McPherson County.....	May 1-June 30.....	14		
Miami County.....	Apr. 1-May 31.....	2		
Marshall County.....	Aug. 1-31.....	1	1	
Montgomery County.....	Apr. 1-Aug. 31.....	64	2	
Coffeyville.....	Apr. 1-June 30.....	12		
Nehama County.....	July 1-31.....	2		
Neosho County.....	May 1-July 31.....	38		
Norton County.....	Apr. 1-Aug. 31.....	56		
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-Aug. 31.....	22		
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 County.....	June 1-30.....	1		
Wallace County.....	June 1-30.....	1		
Wyandotte County.....	Apr. 1-30.....	4		
Kansas City.....	Apr. 1-Aug. 31.....	59		
Total for State.....		764	8	
<b>*Kentucky:</b>				
Covington.....	June 26-July 2.....	1		
Total for State.....		1		
<b>*Louisiana:</b>				
Avoyelles Parish.....	June 1-30.....	12		The last report received from the Louisiana state board of health was for the month of June.
Calcasieu Parish.....	June 1-30.....	2		
Iberia Parish.....	June 1-30.....	19		
Orleans Parish.....	June 1-30.....			
New Orleans.....	June 12-Nov. 8.....	111		
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		
Total for State.....		211		
<b>Maine</b>				
Biddeford.....	June 1-Oct. 31.....			No cases.
	May 1-31.....	1		
Total for State.....		1		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to November 18, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Maryland:</b>				
Allegany County—				
Cumberland.....	May 1-July 31.....	2		
Total for State.....		2		
<b>Massachusetts:</b>				
Middlesex County.....	Aug. 1-Oct. 31.....			No cases.
Suffolk County.....	July 1-31.....	1		
	June 1-July 31.....	8		
Total for State.....		9		
<b>Michigan:</b>				
St. Clair County.....	May 1-31.....	43		Reported out of date.
Alcona County.....	June 1-30.....	1		
Arenac County.....	June 1-30.....	2		
Baraga County.....	Aug. 1-31.....	5		
Bay County.....	June 1-Oct. 31.....	11	2	
Benzie County.....	Sept. 1-Oct. 31.....	3		
Berrien County.....	July 1-Aug. 31.....	2		
Charlevoix County.....	Oct. 1-31.....	4		
Cheboygan County.....	June 1-Oct. 31.....	35		
Clare County.....	June 1-July 31.....	12		
Crawford County.....	Oct. 1-31.....			Estimated 12 to 15 cases.
Emmet County.....	Aug. 1-Sept. 30.....	7		
Eaton County.....	June 1-30.....	7		
Genesee County.....	June 1-Oct. 31.....	59		
Grand Traverse County.....	July 1-Aug. 31.....	6		
Gratiot County.....	June 1-Oct. 31.....	13		
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-Oct. 31.....	5		
Kalamazoo County.....	June 1-July 31.....	8		
Kent County.....	June 1-30.....	17		
Keweenaw County.....	July 1-31.....	1		
Lake County.....	Oct. 1-31.....	1		
Lapeer County.....	June 1-Oct. 31.....	18	1	
Livingston County.....	June 1-Oct. 31.....	18		
Manistee County.....	June 1-Sept. 30.....	13	1	
Marquette County.....	June 1-30.....	1		
Mason County.....	June 1-Aug. 31.....	11		
Mercola County.....	June 1-Aug. 31.....	7		
Midland County.....	June 1-July 31.....	11		
Missaukee County.....	June 1-Oct. 31.....	17		
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		
Roscommon County.....	June 1-30.....	4		
Saginaw County exclusive of Saginaw.....	June 1-Oct. 31.....	47		
Saginaw.....	Oct. 1-31.....	70	19	
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-Oct. 31.....	20		
Total for State.....		661	23	
<b>Minnesota, general</b>	Nov. 1-30.....		1	
Pope County.....	Apr. 1-30.....		1	
Rice County.....	Mar. 1-31.....		1	} Received out of date.
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-Oct. 23.....	71		
Kittson County.....	June 6-19.....	2		
Koochiching County.....	May 26-June 5.....	6		
Le Sueur County.....	June 13-19.....	32		
Meeker County.....	June 6-12.....	1		
Mower County.....	July 11-Oct. 23.....	7		
Nicollet County.....	Aug. 12-18.....	1		
Ramsey County.....	June 13-Oct. 23.....	40		
Renville County.....	June 6-12.....	1		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to November 18, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Minnesota—Continued.</b>				
Rice County.....	May 26-July 10....	2	.....	
St. Louis County.....	May 26-Aug. 28....	13	1	
Stearns County.....	June 20-26.....	1	.....	
Steele County.....	June 6-19.....	2	.....	
Todd County.....	Oct. 24-30.....	1	.....	
Wabasha County.....	June 13-26.....	2	.....	
Washington County.....	Sept. 11.....	1	.....	
Watsonwan County.....	Sept. 5-11.....	1	.....	
Wright County.....	July 4-Oct. 23.....	3	.....	
Total for State.....		198	4	
<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-Nov. 6....	10	.....	
Total for State.....		57	.....	
<b>Montana:</b>				
Beaverhead County.....	June 1-Sept. 30....	2	.....	
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-Sept. 30....	17	.....	
Butte.....	June 1-Sept. 30....	61	.....	
Teton County.....	July 1-31.....	2	.....	
Yellowstone County.....	June 1-30.....	2	.....	
Total for State.....		105	1	
<b>*Nebraska:</b>				
Lincoln.....	Apr. 1-July 31....	31	.....	
South Omaha.....	June 1-30.....	3	.....	
Total for State.....		34	.....	
New Hampshire.....	Mar. 1-Oct. 31.....	.....	.....	No cases.
<b>New Jersey:</b>				
Cumberland County.....	June 1-Aug. 31.....	7	.....	
Total for State.....		7	.....	
<b>New York, general.....</b>				
June 1-Sept. 30....		63	3	
<b>Erie 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.....		89	3	
<b>North Carolina:</b>				
Forayth 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	.....	
Ash County.....	Mar. 1-31.....	12	.....	
Beaufort County.....	Mar. 1-Sept. 30....	7	.....	
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	.....	



## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to November 18, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>North Carolina—Continued.</b>				
Caldwell County.....	Mar. 1-Sept. 30....	14	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.
Columbus County.....	Apr. 1-Aug. 31....	25		
Craven County.....	Mar. 1-31.....	1		
Cumberland County.....	Sept. 1-30.....	3		
Currituck County.....	Mar. 1-June 30....	23		
Davidson County.....	Mar. 1-July 31....	15		
Davie County.....	Mar. 1-31.....	8		
Durham County.....	Mar. 1-Sept. 30....	34		
Edgecombe County.....	June 1-30.....	1		
Forsyth County.....	Mar. 1-Aug. 31....	29		
Franklin County.....	Mar. 1-Sept. 30....	17		
Gaston County.....	Mar. 1-July 31....	14	2	
Graham County.....	Mar. 1-Apr. 30....	8		
Greene County.....	Mar. 1-June 30....	20		
Gulford 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		Several cases in May.
Johnson County.....	Apr. 1-May 31....	4		Several cases in March.
Jones County.....	Mar. 1-31.....	1		
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-Sept. 30....	7		
Mecklenburg County.....	Mar. 1-Aug. 31....	36		
Mitchell County.....	Aug. 1-Sept. 30....			Present.
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-Sept. 30....	8		
Perquimans County.....	May 1-31.....	1		
Person County.....	May 1-July 31....	7		
Pitt County.....	Mar. 1-Sept. 30....	36		
Polk County.....	Mar. 1-31.....	7		
Richmond County.....	Apr. 1-30.....	2		
Robeson County.....	Apr. 1-Sept. 30....	45		
Rockingham County.....	Mar. 1-31.....	48		
Rowan County.....	Mar. 1-July 31....	45	1	
Sampson County.....	May 1-Sept. 30....	4		
Scotland County.....	May 1-Sept. 30....	6		
Stanly County.....	Apr. 1-July 31....	35		
Stokes County.....	Mar. 1-31.....	64		
Surry County.....	Mar. 1-31.....	4		
Union County.....	Mar. 1-Sept. 30....	40		
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		Few cases in June.
Wilkes County.....	Mar. 1-July 31....	39		
Wilson County.....	Mar. 1-June 30....	25	1	
Yancey County.....	Mar. 1-31.....	26		
Total for State.....		1,468	7	
<b>North Dakota:</b>				
Bottineau County.....	Oct. 1-31.....	2	1	
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		
Nelson County.....	Oct. 1-31.....	1		
Pierce County.....	June 1-30.....	1		
Stark County.....	July 1-31.....	1		
Steele County.....	Sept. 1-30.....	1		
Stutsman County.....	Aug. 1-31.....	1		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to November 18, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>North Dakota—Continued.</b>				
Traill County.....	June 1-30.....	6	.....	
Ward County.....	June 1-30.....	4	.....	
Total for State.....		69	1	
<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	.....	
Columbiana 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	.....	
Madison County.....	Oct. 1-31.....	7	.....	
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-Oct. 31.....	4	.....	
Scioto County.....	June 1-30.....	2	.....	
Stark County.....	June 1-Oct. 31.....	30	.....	
Summit County.....	July 1-31.....	5	.....	
Wayne County.....	June 1-30.....	2	.....	
Wood County.....	June 1-30.....	2	.....	
Total for State.....		237	1	
<b>Oklahoma, general.</b>				
Canadian County.....	Jan. 1-31.....	.....	1	Reported out of date.
Comanche County.....	Apr. 1-30.....	.....	3	
Grady County.....	Apr. 1-30.....	.....	1	
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	.....	
Total for State.....		265	25	

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to November 18, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<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	.....	
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-Sept. 30.....	62	4	
Total for State.....		62	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 exclusive of	May 1-Oct. 31.....	52	.....	
Memphis.....				
Memphis.....	June 12-Oct. 15.....	9	.....	
Total for State.....		78	.....	
<b>Texas, general.</b>				
	Apr. 1-July 31.....	881	27	
Total for State.....		881	27	
<b>Utah, general.</b>				
Boxelder County.....	Mar. 1-31.....	112	.....	Report received out of date.
Cache County.....	May 1-31.....	1	.....	
Davis County.....	May 1-31.....	6	.....	
Davis County.....	May 1-July 31.....	43	.....	
Juab County.....	June 1-July 31.....	3	.....	
Salt Lake County.....	May 1-Sept. 30.....	36	1	
Utah County.....	May 1-Sept. 30.....	49	.....	
Wasatch County.....	Aug. 1-31.....	1	.....	
Weber County.....	May 1-Sept. 30.....	26	.....	
Total for State.....		277	1	
<b>*Virginia:</b>				
Alexandria.....	Aug. 25.....	.....	.....	One case from the schooner Persia A. Colwell, from Gaspe, Quebec.
Lynchburg.....	June 12-18.....	1	.....	
Total for State.....		1	.....	
<b>Washington, general.</b>				
Adams County.....	Feb. 1-Mar. 31.....	.....	4	Reports for April and May not yet received.
	June 1-30.....	1	.....	
Chehalis County.....	June 1-30.....	3	.....	
Chelan County.....	June 1-30.....	1	.....	
Pierce County—				
Tacoma.....	June 1-Sept. 30.....	4	.....	
Skagit County.....	July 1-31.....	2	.....	
Everett.....	June 1-30.....	5	.....	
Spokane County.....	July 1-31.....	2	.....	
Spokane.....	June 1-Sept. 30.....	25	.....	
Thurston County.....	Aug. 1-31.....	1	.....	
Walla Walla County.....	Oct. 1-31.....	1	.....	
Whitman County.....	June 1-July 31.....	13	.....	
Yakima County.....	July 1-Aug. 31.....	4	1	
Total for State.....		62	5	

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to November 18, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<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-Oct. 31....	5	.....	
Iowa County.....	Sept. 1-Oct. 31....	11	.....	
Kenosha County.....	July 1-31.....	1	.....	
Lafayette County.....	June 1-30.....	11	.....	
La Crosse County.....	June 1-Oct. 31....	3	.....	
Milwaukee County.....	July 1-Oct. 31....	16	.....	
Pierce County.....	July 1-31.....	1	.....	
Polk County.....	July 1-Aug. 31....	6	.....	
Rock County.....	Oct. 1-31.....	1	.....	
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.....	.....	105	.....	
Grand total for the United States.....	.....	6,601	119	

## CHOLERA IN THE UNITED STATES.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>New York:</b>				
New York.....	Sept. 26-29.....	1	1	Case in immigrant removed at quarantine from s. s. Germania, from Marseille and Naples.

## PLAGUE IN THE UNITED STATES.

Reports Received from June 25 to November 18, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>California:</b>				
San Benito County—				
Hollister.....	June 5-11.....	1	1	
Santa Clara County—				
San Jose.....	Sept. 5.....	1	.....	

**WEEKLY MORBIDITY AND MORTALITY TABLE, CITIES OF THE  
UNITED STATES, FOR WEEK ENDED NOVEMBER 5.**

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.
Altoona, Pa.	6			2				4					
Ann Arbor, Mich.	3												
Auburn, N. Y.	7		2	1				2			1		
Aurora, Ill.	13					2		1					
Baltimore, Md.	199	36	25	68	8	15	1	28		15		2	
Bayonne, N. J.						1		12	2				
Beaver Falls, Pa.				1		1							
Bedford, Ind.		1		10									
Bennington, Vt.	3							5					
Biddeford, Me.	3					2		2					
Binghamton, N. Y.	14	1	1	3	1			2			1		
Boston, Mass.	193	60	17	28	8	38	1	39	1	8	1	6	
Braddock, Pa.	11		1	1		2		3	1				
Bridgeport, Conn.	24	1						10					
Brockton, Mass.	11	1				2					10		
Buffalo, N. Y.	129	17	12	12	1	42	6	39	4		7	21	2
Cambridge, Mass.	33	4	5	6	2	3		3		6			
Cambridge, Ohio.	2			4	1								
Camden, N. J.		1		2		6		4	2				
Camden, S. C.	1												
Canton, Ohio.	12		2		1			1					
Carbondale, Pa.	9					2							
Charlotte, N. C.	13				1	2		2					
Chelsea, Mass.	12		1			6							
Chicago, Ill.	572	136	54	65	9	106	6	210	26		17	13	
Chicopee, Mass.	7							1		1		3	
Cincinnati, Ohio.	106	17	10	3		20		12					
Cleveland, Ohio.	123	22		16	4	17	1	32	3	1		4	
Coffeaville, Kans.	3	1		2		3							
Columbus, Ga.	6				1								
Columbus, Ind.	5					1							
Columbus, Ohio.	46	4	9	5	1	3		15				1	
Concord, N. H.	5		2	1									
Covington, Ky.	13		3	1		6		7	1				
Cumberland, Md.	23		2	26	3			1					
Danville, Ill.		1				2							
Dayton, Ohio.	30		4			6		2					
Duluth, Minn.	24	1	2	2	4	5		5	1	5			
Dunkirk, N. Y.	3		1			6		4		5		1	
Elizabeth, N. J.	25		1			2	1	7	1				
Elmira, N. Y.	8	9		1									
El Paso, Tex.	19	2	8	4									
Elyria, Ohio.	9			1	1								
Erie, Pa.	18	1	1	3		11		7	1	1			
Evansville, Ind.	27	2	3	5	1	1		4		1			
Everett, Mass.	7	1	1					1					
Fall River, Mass.	32	5	3	3		3	2	3	2			4	
Fort Wayne, Ind.		1		21		17		17					
Freeport, Ill.	4												
Galesburg, Ill.	6			15		1				25			
Gloucester, Mass.	10</												

## MORBIDITY AND MORTALITY—Continued.

*Weekly morbidity and mortality table, cities of the United States, for week ended November 5—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.
Lexington, Ky.....	15	6	2	1				1					
Lynchburg, Va.....		1		1		2		3					
Lynn, Mass.....	26	1	6					3		5			
M'Keesport, Pa.....	18	1		4	2	3		3				5	
Malden, Mass.....	8	4	1	1		2		1					
Manchester, N. H.....	18	1		1				3					
Manistee, Mich.....	1	1		2		4	1						
Marinette, Wis.....	3			2		1	1	1					
Marlboro, Mass.....	3		1	1									
Massillon, Ohio.....	3												
Medford, Ohio.....	5		2					2		2			
Melrose, Mass.....	6					2		1					
Milwaukee, Wis.....	76	12	11	13		34	1	27	1	1			
Mobile, Ala.....	25		6			2	1	2	1				
Moline, Ill.....	3			1				6					
Montclair, N. J.....	3	1	1			1							
Montgomery, Ala.....	26	1	3	3	1	11							
Morristown, N. J.....	4					2		3					
Mount Vernon, N. Y.....	10		1	2		2							
Muskegon, Mich.....												1	
Nanticoke, Pa.....	6							8	1				
Nashville, Tenn.....	31		3	6		6		15	1	1			
Newark, N. J.....	96	12	9	5		25		29	5		1		
New Bedford, Mass.....	22	1	4	2		6		3	1	1			
Newburyport, Mass.....	6		2										
New Orleans, La.....	149	48	24	9	1	18		24	2	5	1		1
Newport, Ky.....	9					1		1	1				
Newton, Mass.....	8			2				3	1				
New York, N. Y.....	1,226	518	151	82	15	128	6	311	23	97	6	39	3
Niagara Falls, N. Y.....	9	2	3		1	1							
Norristown, Pa.....	12	5	1	1				1					
North Adams, Mass.....	6	2		1		1				2			
Northampton, Mass.....	3	4		1									
Orange, N. J.....	10	5		2		4		2					
Ottumwa, Iowa.....	9	2				1							
Paducah, Ky.....	5		1										
Palmer, Mass.....	4							1					
Peekskill, N. Y.....	6	1											
Pittsburg, Pa.....	177	19	11	16	4	26	2	30	5	3		11	3
Pittsfield, Mass.....	12			2		2		3		18			
Plainfield, N. J.....	6		2					4		2			
Portsmouth, N. H.....				1				1					
Portsmouth, Va.....	18							2	1				
Pottstown, Pa.....	5												
Providence, R. I.....	67	9	8	6	3	8		7				1	1
Reading, Pa.....	24	2	2	7		5		3	1	2		9	
Rock Island, Ill.....	4	1	1			1		5					
St. Louis, Mo.....	222	33	18	25	3	32	1	44	4	54		5	1
Salt Lake City, Utah.....	16			14		4		12	1				
San Antonio, Tex.....	10		10	4				1					
Sandusky, Ohio.....	8			1				1		1			
San Francisco, Cal.....	125	23	7	7		9	1	2		8		1	
Saratoga Springs, N. Y.....	5												
Schenectady, N. Y.....	15	2	2	1		2		5				4	
Somerville, Mass.....	19	1	1	1	1	1		3					
South Bend, Ind.....	14	2	1			9		1					
Spokane, Wash.....	24		1	4	2	10		4	1				
Springfield, Mass.....	21	1		1		1		14	1				
Steelton, Pa.....	2	2		1				9					
Superior, Wis.....	5		1					4	1				
Tacoma, Wash.....	18			13		1		2					
Taunton, Mass.....	9					3		1					
Toledo, Ohio.....	36		1	5	1	2		10		2			
Topeka, Kans.....						1		1					
Trenton, N. J.....	5	7	5	8		3		2					
Waltham, Mass.....	1												
Warren, Ohio.....	2												
Washington, D. C.....	136	24	15	20	2	6		6	1	1		6	
Wheeling, W. Va.....	20	2	2	2				11					
Wichita, Kans.....	13							4	1				
Wilkes-Barre, Pa.....	16	2	1	1		1		7				4	

## MORBIDITY AND MORTALITY—Continued.

*Weekly morbidity and mortality table, cities of the United States, for week ended November 5—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.
Wilkesburg, Pa. ....	6	5	...	1	1	...	...	...	...	...	...	...	...
Williamsport, Pa. ....	5	...	...	...	...	1	...	...	...	...	...	...	...
Wilmington, Del. ....	24	...	1	...	1	...	...	...	...	...	...	...	...
Woburn, Mass. ....	4	...	...	...	...	...	...	...	...	1	...	...	...
Worcester, Mass. ....	45	1	4	1	...	4	...	19	1	4	...	3	3
Yonkers, N. Y. ....	28	1	2	1	1	1	...	2	...	...	...	4	...
York, Pa. ....	1	...	...	1	...	3	...	4	...	1	...	3	...
Zanesville, Ohio. ....	6	...	...	4	...	...	...	...	...	...	...	...	...

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

**FLORIDA.**—Week ended November 12, 1910. Reports from the state board of health show typhoid fever present in 3 localities with 3 cases, smallpox in 4 counties (Dade, Escambia, Hillsboro, and Osceola) with 17 cases, scarlet fever in 1 locality with 1 case, diphtheria in 4 localities with 6 cases, malaria in 6 localities with 17 cases, and tuberculosis in 2 localities with 2 cases.

**IOWA—Cedar Rapids.**—Month of October, 1910. Population, 33,817. Total number of deaths from all causes 30, including typhoid fever 4, diphtheria 1, tuberculosis 3. Cases reported: Smallpox 4, diphtheria 7.

**LOUISIANA—Shreveport.**—Month of October, 1910. Population, 30,000. Total number of deaths from all causes 84, resident 40, nonresident 44; including typhoid fever 1, pellagra 2, nonresident; tuberculosis 13, resident 5, nonresident 8.

**MASSACHUSETTS.**—Week ended September 3, 1910. Population of reporting towns, 2,337,591. Total number of deaths from all causes 711, including typhoid fever 10, measles 3, scarlet fever 2, diphtheria 9, tuberculosis 55.

Week ended September 10, 1910. Population of reporting towns, 2,358,640. Total number of deaths from all causes 738, including typhoid fever 15, measles 2, scarlet fever 1, diphtheria 14, tuberculosis 66.

Week ended September 17, 1910. Population of reporting towns, 2,331,168. Total number of deaths 716, including typhoid fever 11, diphtheria 9, tuberculosis 75.

Week ended September 24, 1910. Population of reporting towns 2,345,918. Total number of deaths 784, including typhoid fever 11 scarlet fever 1, diphtheria 10, tuberculosis 68.

*Morbidity.*—During the four weeks ended September 24, 1910, cases of infectious diseases were reported as follows: Typhoid fever 608, measles 83, scarlet fever 290, diphtheria 514, tuberculosis 1,035.

MINNESOTA.—Month of November, 1910. Population, 1,979,658. Total number of deaths from all causes 1,441, including typhoid fever 46, smallpox 1, measles 1, scarlet fever 12, diphtheria 58, tuberculosis 134.

*St. Paul.*—Month of September, 1910. Population, 235,000. Total number of deaths from all causes 194, including typhoid fever 5, scarlet fever 1, diphtheria 9, tuberculosis 10. Cases reported: Smallpox 7, measles 1, scarlet fever 33, diphtheria 128.

OHIO—*Sandusky.*—Month of July, 1910. Population, 21,000. Total number of deaths from all causes 12. Cases reported: Typhoid fever 2, measles 2, diphtheria 2.

Month of August, 1910. Total number of deaths 22, including typhoid fever 2. Cases reported: Typhoid fever 6, measles 1, diphtheria 1.

Month of September, 1910. Total number of deaths 24, including typhoid fever 1, diphtheria 1, tuberculosis 1. Cases reported: Typhoid fever 5, diphtheria 1.

Month of October, 1910. Total number of deaths 32, including typhoid fever 2, tuberculosis 3. Cases reported: Typhoid fever 5.

NEW YORK.—Month of September, 1910. Population, 8,871,720. Total number of deaths from all causes 11,233, including typhoid fever 185, measles 36, scarlet fever 41, diphtheria 104, tuberculosis 1,231. Cases reported: Typhoid fever 1,457, smallpox 1, measles 452, scarlet fever 579, diphtheria 1,010, tuberculosis 2,856.

UTAH—*Salt Lake City.*—Month of October, 1910. Population, 35,000. Total number of deaths from all causes 110, including typhoid fever 6, measles 1, scarlet fever 1, diphtheria 3, tuberculosis 6. Cases reported: Typhoid fever 78, smallpox 16, measles 4, scarlet fever 18, diphtheria 47.



# 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 public health of New South Wales:

During the month of September, 1910, there were destroyed 5,602 rats, of which number 1,174 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 25, 1910.

## CANADA.

### QUEBEC—Cholera on steamship *Royal George*.

On November 18, 1910, the bureau received telegraphic advice from Acting Asst. Surg. C. A. Bailey at Quebec, of the arrival at that port of the steamship *Royal George* from Bristol, England, with a Russian immigrant ill with gastro-enteritis. It was stated that the ship with all hands on board was sent to the quarantine station to be held pending the determination of the diagnosis by a bacteriological examination, the disease from which the Russian immigrant was suffering being supposedly cholera.

On November 19 the bureau was notified that the case of gastro-enteritis above referred to was determined to be cholera by Professor Adami of the McGill University at Montreal.

The history of the case is as follows:

The patient, a third-class passenger, left the village of Michelsdorf, Russia, on October 18 for Libau, Russia, the journey lasting two days. His baggage consisted solely of a hand basket in which he carried provisions; that is, bread, sugar, tea, and boiled meat.

En route to Libau he purchased at the railroad station at Briszez four apples and some bottled beer.

He was detained at Libau twenty-four hours in an immigrant boarding house where there were about thirty other Russians. At Libau he embarked for London on a Danish ship, the voyage requiring eight days. He remained in London eight days and proceeded to Bristol, sailing immediately for Quebec on the *Royal George*. On November 12 he sickened with severe cramps in extremities and abdomen, vomiting and great thirst, followed next day by an exaggeration of these symptoms, with weakness and diarrhea. These symptoms continued until November 17, when the vomiting and diarrhea ceased.

Investigation is being made by the Canadian authorities to ascertain whether this immigrant's infection was derived from the food carried by him in his hand basket.

The acting assistant surgeon at Quebec has been given definite instructions as to exclusion of foodstuffs on the persons and in the baggage of immigrants bound for the United States.

#### FRANCE.

##### Sanitary passports.

Consul Beecher at Havre reports, October 27:

Passengers or travelers coming from contaminated countries or vessels, as provided for by the terms of the sanitary conference of 1903 and the sanitary regulations applicable to French ports, may, when it is not considered necessary to place them in quarantine or send them to lazarettos, be permitted to land immediately on condition that they subject themselves, during a period varying from 5 to 10 days to a special sanitary supervision exercised in the locality or localities where they go.

To that intent a sanitary passport, mentioning in detail the imposed conditions, is delivered to each. This passport is detached from a stub book in which the name and nationality of the bearer are inscribed, as well as his address and the name, occupation, and address, either in France or abroad, of a person who could give information of the bearer's whereabouts should he fail to comply with the requirements imposed.

#### [PASSPORT—TRANSLATION.]

FRENCH REPUBLIC—MINISTRY OF THE INTERIOR—PUBLIC HEALTH SERVICE.

##### SANITARY PASSPORT.

Port or sanitary post of ———.

———, coming from ———, has declared that he (or she) is going to ———, in the Department of ———, ——— street, where he (or she) must be subjected during a period of ——— days from the present date to a sanitary surveillance in accordance with the following conditions.

Date ———.

\_\_\_\_\_,  
*Chief of the Sanitary Service.*

The bearer of the above passport is enjoined, by virtue of the law of March 3, 1822, the penalties for the infraction of which are on the reverse side of this document, to subject himself to the sanitary control visits which the municipal authorities of his place, or temporary place, of abode are compelled to make on his arrival or his passing through.

If the place of destination can not be designated at the time of crossing the frontier, or if on account of unforeseen circumstances that which has been indicated on the passport is changed en route, the same penalties are applicable to the traveler who, in such an instance, fails to declare his exact address at the city hall as soon as he arrives.

In Paris the declaration is to be made at the bureau of hygiene of the prefecture of police, No. 2 Quai du Marché Neuf.

A detailed advice is also detached from the same book and sent by mail to the mayor of the town where the traveler is going.

**FRENCH REPUBLIC—MINISTRY OF THE INTERIOR—PUBLIC HEALTH SERVICE.**

**SANITARY ADVICE.**

Port or sanitary post of \_\_\_\_\_.

No. \_\_\_\_\_

The mayor of \_\_\_\_\_ is informed that \_\_\_\_\_, coming from \_\_\_\_\_ and the bearer of a sanitary passport, has declared that he is going to your town, — \_\_\_\_\_ street. He should be subjected, immediately upon his arrival, and during a period of \_\_\_\_\_ days from the present date, to the sanitary surveillance hereinafter indicated.

Date \_\_\_\_\_.

\_\_\_\_\_  
*Chief of the Sanitary Service.*

In conformity with the regulations applicable to persons coming from foreign countries where contagious diseases exist, the municipal authorities of the place where said persons go, either to reside or to remain temporarily, must exercise in regard to them a special sanitary surveillance which will be of a character to determine if, during a prescribed period, they do or do not show symptoms of a suspected disease, and to adopt if necessary all prophylactic and isolating measures.

The above advice is intended to give to the authorities the means of immediately applying said surveillance and to visé the sanitary passport delivered to the person who is the object of it; every act in violation thereof being punishable by article 14 of the law of March 3, 1822, on public health, which provides that whoever shall have violated, in regard to sanitary measures, the general or local regulations, or the orders of competent officials, shall be punished by an imprisonment of from 3 to 15 days and by a fine of from 5 to 50 francs.

In case of suspicious symptoms of plague the mayor must telegraph to the Pasteur Institute, No. 25 Rue Dutot, Paris, for a supply of antiplague serum, to be placed at the disposal of the doctors.

The special surveillance prescribed has for its object the safeguarding of the public health by preventing cases of contagious diseases from spreading through their being unknown or not treated from the beginning. On account of the interest to all which the measure presents no exception to it can be made.

The authorities are requested to discharge their duties with the greatest courtesy and to cause the public the least possible inconvenience. On the other hand, the most severe measures are to be taken to discover and punish those who may attempt, by making false or inexact declarations, to evade the foregoing prescriptions, for which, having been duly informed, there can be no excuse.

The passport must be viséed by the local authorities, not only as an immediate control, but to eventually relieve from responsibility the bearer and other interested persons. For the same reason the passport must be kept for at least one month.

On the reverse side of the passport is a blank space for the seal, date, visé, and signature of the official to whom the bearer must present himself.

#### GREAT BRITAIN.

##### Plague.

Minister Reid, at London, reported November 2 to the Department of State:

From September 16 to 29 there occurred at Preston in Suffolk County 4 fatal cases of a disease certified as pneumonia, but which was later bacteriologically verified as plague. The deaths occurred in a group of closely associated persons. Subsequently rats and hares from the same locality were examined and found to be infected with plague. Every effort is being made to destroy rats, especially those in stables, slaughterhouses, bakeries, granaries, and in receptacles for domestic refuse. No suspicious cases have occurred since September 26.

#### 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, October 24 and 31:

#### HONOLULU.

*Week ended October 22, 1910.*

Total rats and mongoose taken.....	733
Rats trapped.....	670
Mongoose trapped.....	13
Rats found dead ( <i>Mus norvegicus</i> ).....	1
Rats shot from trees.....	49
Examined bacteriologically.....	636
Under examination.....	0
Plague rats.....	0
Classification of rats trapped:	
<i>Mus alexandrinus</i> .....	113
<i>Mus musculus</i> .....	209
<i>Mus norvegicus</i> .....	56
<i>Mus rattus</i> .....	292
Classification of rats shot from trees:	
<i>Mus alexandrinus</i> .....	7
<i>Mus rattus</i> .....	37
Average number of traps set daily.....	1,720

*Week ended October 29, 1910.*

Total rats and mongoose taken.....	795
Rats trapped.....	711
Mongoose trapped.....	12
Rat found dead ( <i>Mus norvegicus</i> ).....	1
Rats shot from trees.....	47
Rats killed by sulphur dioxide.....	24
Examined bacteriologically.....	600
Under examination ( <i>Mus musculus</i> ).....	1
Plague rats.....	0

## Classification of rats trapped:

<i>Mus alexandrinus</i> .....	122
<i>Mus musculus</i> .....	178
<i>Mus norvegicus</i> .....	59
<i>Mus rattus</i> .....	264

## Classification of rats shot from trees:

<i>Mus alexandrinus</i> .....	22
<i>Mus rattus</i> .....	20

## Classification of rats killed by sulphur dioxide:

<i>Mus alexandrinus</i> .....	16
<i>Mus rattus</i> .....	8

Average number of traps set daily..... 1,720

## INDIA.

## Bombay—Plague, Cholera, and Smallpox in 1909.

Consul Dennison reports, October 16:

During the year 1909 no disease was present in epidemic form, with the exception of plague.

The number of deaths from plague declined from 18,185 in 1898 to 13,285 in 1900; from 18,736 in 1901 to 13,820 in 1902; from 20,788 in 1903 to 13,538 in 1904; from 14,198 in 1905 to 10,823 in 1906; and from 6,398 in 1907 to 5,197 in 1909, the lowest on record since the beginning of plague, the decline being progressive and uninterrupted since 1906.

The number of deaths registered from all causes during the year was 34,878, giving the death rate of 35.66 per 1,000 living, against 38,271, with the death rate of 39.13 in 1908. There were thus 3,393 deaths fewer than in the previous year and 9,176 less than the average of the preceding five years.

Never before since the appearance of plague in the city has there been recorded such a low total mortality, the contribution of plague to which was also the lowest on record, being 5,197, against 5,361 in 1908.

It will, however, be found from the statement of plague attacks and deaths in the different years that, in spite of the steady shrinkage of plague as a cause of death from year to year, there has not been a concurrent abatement in the virulence of the disease, as evidenced by the recorded case mortality which, with annual fluctuations, stood for 1909 at 88.62 per cent, next only to that for 1901 (89.19) and 1903 (89.05), which were most fatal years in the history of the disease, recording, respectively, 18,736 and 20,788 deaths.

Table showing the number of attacks and deaths from plague registered since 1896.

Year.	Number of plague attacks.	Number of plague deaths.	Death rate from plague per 1,000 of population.	Percentage of deaths to attacks.
1896.....	2,544	1,936	2.36	76.10
1897.....	13,314	11,003	13.39	82.64
1898.....	22,130	18,185	22.12	82.17
1899.....	19,451	15,796	19.22	81.20
1900.....	17,913	13,285	16.16	74.16
1901.....	21,006	18,736	24.14	89.19
1902.....	16,423	13,820	17.80	84.15
1903.....	23,344	20,788	26.78	89.05
1904.....	15,488	13,538	17.44	87.40
1905.....	16,308	14,198	18.29	87.06
1906.....	12,323	10,823	11.06	87.82
1907.....	7,353	6,389	6.53	86.88
1908.....	6,134	5,361	5.48	87.39
1909.....	5,864	5,197	5.31	88.62

In 1909, to the end of January, the incidence of plague was low, and only 79 attacks and 65 deaths were registered; but it rapidly increased, and there were recorded 335 attacks and 277 deaths in February, so that the daily average for the two months was 7 attacks and 5 deaths, against 9 attacks and 7 deaths in the preceding year.

Plague was most severe in the month of April, as in the previous year, and registered 2,010 seizures and 1,793 deaths, against 2,064 seizures and 1,817 deaths in 1908.

The mortality fell from 987 in May to 161 in June—a decline more rapid than the rise—to 113 in July, then rose to 140 in August, and fell steadily to 75 in September, 47 in October, and 25 in November and December. For the same months in 1908 it stood at 953, 204, 135, 143, 107, 62, 28, and 26, respectively. For all months except March and May the number of plague deaths was less than in the previous year. The highest number of seizures on one day was 93, returned on March 23, the maximum number of deaths on a single day being 81, registered on April 24.

#### Cholera.

A factor in swelling the annual mortality in the city was the frequent importation of cases of cholera from outside localities, chiefly Nasik, reviving the infection from time to time, with the result that the disease is found to have occasioned 727 deaths during the year under report, being 632 more than in the previous year. The figure, however, represents the gross mortality from the disease, and therefore includes 231 deaths among persons newly arrived in the city and not belonging thereto.

A similar allowance has to be made in the case of plague also, as 76 new arrivals from the mofussil (rural district) died of it, the total number of deaths from all causes among such persons being 754.

The history of cholera in the city is, like that of smallpox, a history of continual importations from outside. For 1909 it practically commenced at the time of the issue of government resolution directing the district magistrate of Nasik and the authorities of different railways to do all in their power to prevent cholera-stricken people from proceeding on their journey to Bombay by rail. On certain Hindu holidays the rush of pilgrims is very great at Nasik, and there is every probability of infectious diseases being imported into this city by pilgrims who pass through it on their way to Nasik and return.

In the whole year there were 853 attacks and 727 deaths, of which 358 cases and 270 deaths were among new arrivals, who introduced the disease from outside and acted as foci for the spread of infection.

#### Smallpox.

Though smallpox was very prevalent during 1909 and was imported as usual by the returning pilgrims from Mecca and by others from the mofussil (rural district), the disease did not attain the epidemic stage as was the case in 1908.

Smallpox is characterized by seasonal prevalence and is worse in the first quarter of the year, because largely fed by continual importations, and the spread is favored by the cold weather; it is less severe in the second quarter and least so in the third and fourth quarters. During the year 940 attacks and 473 deaths were regis-

tered, against 1,857 attacks and 1,026 deaths in 1908, the corresponding figures being 211 and 86 for 1907 and 511 and 276 for 1906. Of the seizures, 75 were imported—52 by returning pilgrims to the Hedjaz and 23 from other places. The seizures and deaths, though very much fewer than in 1908 (seizures 1,859, deaths 1,026) and 1905 (seizures 3,202, deaths 2,161), during which years smallpox raged with epidemic severity, are yet sufficiently numerous to indicate a high prevalence and mortality.

Of the total number (473) of smallpox deaths, nearly half (222) were among children 1 to 5 years old. The disease was most fatal to infants and occasioned 134 deaths among them, being 28.3 per cent of the total figure; and in the age group of 1 to 2 years, 48 deaths were registered. Persons between 15 and 25 years contributed 115 deaths.

Vaccination is now a routine duty of the health department and is performed throughout the year. During the first and toward the end of the last quarter of the year, when smallpox is generally imported and begins to spread, strenuous efforts are made to search out unvaccinated children and adults and remedy the omission, and also to revaccinate as many as possible. The ten registrars make house-to-house visits in infected localities and elsewhere and induce and carry out vaccination and revaccination.

#### Malaria.

The measures taken by the health department against the spread of malaria have been (1) to examine wells in and out of houses, collect samples and treat the water wherever practicable, a weekly report of such wells, with the result of treatment being submitted to the executive health officer; (2) to treat during the break in the rains all storm-water entrances, all gully traps and catch-pits and collections of water on the roads, weekly reports being forwarded as above; (3) to detail a special officer in each ward for systematic inspection of compounds and storage tanks over water-closets and other tanks in houses, reports being submitted as above, if necessary, daily; (4) to acquire a sickness index in the city inquiries are made by the registrars in all dispensaries and hospitals, in schools and factories, at railway docks, and other places where large numbers of people congregate. Samples of blood and varieties of mosquito larvæ are daily examined in the laboratory.

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

Acting Assistant Surgeon Allan reports, October 20:

During the week ended October 1 there were reported in Calcutta 16 deaths from cholera, 8 from plague, and 1 from smallpox; in all Bengal, 89 cases of plague, with 60 deaths; in all India, 4,222 cases, with 2,981 deaths.

## ITALY.

## Status of Cholera.

Surgeon Geddings, at Naples, reports, October 31:  
During the week ended October 29 cholera was reported in Italy  
as follows:

	Cases.	Deaths.
<i>Province of Naples.</i>		
Naples (city).....	9	3
Afragola.....	1	0
Fratta Maggiore.....	2	1
Procida.....	1	0
	13	4
<i>Province of Caserta.</i>		
Averro (insane hospital).....	9	9
Cancello Arnone.....	6	0
Cartel Volturino.....	1	1
Formia.....	7	7
Maddaloni.....	6	0
S. Maria Capuavetere.....	1	1
	30	18
<i>Province of Lecce.</i>		
S. Vito dei Normanni.....	1	1
Manafra.....	1	0
Ostuni.....	1	1
	3	2
<i>Province of Palermo.</i>		
Palermo (city).....	4	0
<i>Province of Rome.</i>		
Rome (city).....	4	1
Terracina.....	3	0
	7	1
<i>Province of Salerno.</i>		
Augri.....	1	1
Pagani.....	1	1
Salerno.....	1	0
	3	2

It will be seen that the general conditions are improving.

## CONDITIONS IN NAPLES.

For the past 5 days there have been no cases of and no deaths  
from cholera reported in the municipality of Naples.

## NAPLES—Examination of emigrants.

Doctor Geddings further reports:

Vessels inspected at Naples and Palermo week ended October 29.

## NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Oct. 26	Duca degli Abruzzi.....	New York.....	671	82	750



## PALERMO.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Oct. 27	Duca degli Abruzzi.....	New York.....	253	300	150

*Rejections r. commended.*

## NAPLES.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Other causes.	Total.
Oct. 26	Duca degli Abruzzi.....	11	1	10	7	29

## PALERMO.

Oct. 27	Duca degli Abruzzi.....	16	.....	15	4	35
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## JAPAN.

## Cholera.

Acting Assistant Surgeon Moore at Kobe reports, October 19:

During the week ended October 15 there were reported at Kobe 26 cases of cholera with 18 deaths. The total number of cases reported at Kobe since the outbreak is 232 with 105 deaths.

At Osaka the epidemic of cholera continues. To date 593 cases have occurred. The disease has spread over a wide area of the rural districts. In all Japan more than 800 cases have been reported.

Sanitary Inspector Bowie at Nagasaki reports, October 19: Two cases of cholera have occurred at Nagasaki—one in a sailor who was landed from the steamship *Chicago Maru* just prior to the sailing of the vessel for Manila and the other in a local resident.

To date 44 cases of cholera have been reported at Moji with 25 deaths. The disease seems to be spreading steadily along the line of railroad.

## MEXICO.

## Yellow Fever at Campeche.

The following information, dated November 14, was received from the president of the superior board of health:

During the week ended November 12 there was reported at Campeche 1 case of yellow fever, with 1 death. The case was reported on November 6 and the death on November 7.

## MOROCCO.

## TANGIER—Smallpox.

The following information was received from the Department of State November 21:

The American vice-consul at Tangier reports smallpox present in the foreign colony, but not in epidemic form.

**PHILIPPINE ISLANDS.****Status of cholera.**

Chief Quarantine Officer Heiser at Manila reports, October 4 and 11: During the week ended October 1 there were reported in the city of Manila 7 cases of cholera with 5 deaths, and during the week ended October 8 there was reported 1 case with 1 death.

*Cholera in the Provinces.*

WEEK ENDED OCTOBER 1, 1910.

Provinces.	Cases.	Deaths.
Batangas.....	103	73
Bulacan.....	3	2
Cavite.....	2	1
Ilocos Sur.....	6	3
Mindoro.....	9	8
Nueva Ecija.....	24	20
Pampanga.....	2	2
Pangasinan.....	3	3
Rizal.....	6	7
Tarlac.....	2	1
Tayabas.....	31	18
Total.....	191	138

WEEK ENDED OCTOBER 8, 1910.

Ambos Camarines.....	19	13
Batangas.....	90	53
Bulacan.....	13	11
Ilocos Sur.....	1	1
Nueva Ecija.....	13	10
Pangasinan.....	2	2
Rizal.....	8	5
Tarlac.....	2	2
Total.....	148	97

**RUSSIA.****Status of cholera.**

Minister Rockhill at St. Petersburg reports October 24 to the Department of State:

In the Official Messenger dated October 21 the total number of cases of cholera in all Russia to October 15 is given as 208,707, with 98,050 deaths.

**ODESSA—Cholera and plague.**

Consul Grout reports October 31:

On October 28 there remained 1 case of cholera in hospital. From the beginning of the epidemic to date there have been reported 604 cases, with 340 deaths.

During the week ended October 28, 1 new case of plague was reported. At the close of the week there were 13 cases of plague in hospital. From the outbreak to date there have been reported 132 cases, with 39 deaths.

**Emigration.**

Consul Grout further reports:

The number of emigrants leaving this port for the United States is scarcely one-half the number which left during the year 1909. As there is no direct communication between Odessa and the United States, emigrants generally ship via Libau or a German port.

**TURKEY.****SMYRNA—Cholera.**

Information was received from the Department of State November 21 that cholera was present in Smyrna.

**Cholera among troops on steamship.**

Bulletin of the superior council of health of Constantinople dated October 31 states that 30 cases of cholera, with 14 deaths, occurred among troops on the steamship *Garb*, detained at the lazaretto of Touzla, Ottoman Empire. The troops, 3,000 in number, were returning from the military maneuvers at Eregli, on the Sea of Marmora.

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

## Reports Received During Week Ended November 25, 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.
Arabia:				
Aden.....	Oct. 22-25.....	3	1	From s. s. Himalaya from Port Said.
Maskat.....	Oct. 23.....	5	4	
Canada:				
Quebec.....	Nov. 18.....	1		A Russian immigrant from s. s. Royal George, from Bristol.
China:				
Hankow.....	Oct. 2-8.....	2	1	
India:				
Bombay.....	Oct. 12-18.....		2	
Calcutta.....	Sept. 25-Oct. 1.....		16	
Madras.....	Oct. 8-14.....		4	
Italy:				
Provinces—				
Caserta.....	Oct. 23-29.....	30	18	
Lecce.....	Oct. 23-29.....	3	2	
Naples, exclusive of				
City of Naples.....	Oct. 23-29.....	4	1	
Naples.....	Oct. 23-29.....	9	3	
Palermo.....	Oct. 23-29.....			
Palermo.....	Oct. 23-29.....	4		
Rome.....	Oct. 23-29.....			
Rome.....	Oct. 23-29.....	4	1	
Terracina.....	Oct. 23-29.....	3		
Salerno.....	Oct. 23-29.....	3	2	
Japan:				
Moji.....	Aug. 13-Oct. 19.....	44	25	Including previous reports. One case from s. s. Chicago Maru.
Nagasaki.....	Oct. 9-19.....	2		
Nagoya.....	Sept. 25-Oct. 8.....	1	1	
Java:				
Batavia.....	Oct. 2-8.....	8	5	
Persia:				
Badjurian.....	Sept. 13.....	8	3	Present.
Churine-Sou.....	Oct. 1.....			
Entzell.....	Aug. 21-Sept. 14.....	4	3	
Ghazian.....	Sept. 21-30.....	3	2	
Ghechlagh.....	Oct. 1.....	4		
Ghol-Joughan.....	Oct. 1.....			
Imam-Goli.....	Sept. 28.....			Do.
Koutcham.....	Sept. 13.....	2	1	
Mashed.....	Sept. 13-27.....	160	80	And vicinity. On the frontier.
Turkestan.....	Sept. 28.....			
Philippine Islands:				
Manila.....	Sept. 26-Oct. 8.....	8	6	
Provinces—				
Ambos Camarines.....	Oct. 2-8.....	19	13	
Batangas.....	Sept. 26-Oct. 8.....	193	126	
Bulacan.....	Sept. 26-Oct. 8.....	16	13	
Cavite.....	Sept. 26-Oct. 1.....	2	1	
Ilocos Sur.....	Sept. 26-Oct. 8.....	7	4	
Mindoro.....	Sept. 26-Oct. 1.....	9	8	
Nueva Ecija.....	Sept. 26-Oct. 8.....	37	30	
Pampanga.....	Sept. 26-Oct. 1.....	2	2	
Pangasinan.....	Sept. 26-Oct. 8.....	5	5	
Rizal.....	Sept. 26-Oct. 8.....	14	12	
Tarlac.....	Sept. 26-Oct. 8.....	4	3	
Tayabas.....	Sept. 26-Oct. 1.....	31	18	
Russia: Total for all Russia.....	October 2-8.....	1,677	858	
City of St. Petersburg.....	.....do.....	118	31	
City of Cronstadt.....	.....do.....	6	3	
Governments—				
St. Petersburg.....	.....do.....	17	11	
Vologda.....	.....do.....	2	4	
Olonetz.....	.....do.....	2		
Livonia.....	.....do.....	1		
Courland.....	.....do.....	3		
Mohilev.....	.....do.....	12	8	
Vitebsk.....	.....do.....	33	13	
Smolensk.....	.....do.....	5	2	
Podolia.....	.....do.....	52	24	
Kief.....	.....do.....	246	97	
Chernigov.....	.....do.....	5	3	
Poltava.....	.....do.....	2		
Kharkov.....	.....do.....	17	5	

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

Reports Received During Week Ended November 25, 1910.

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Russia: Total for all Russia—Continued.</b>				
<b>Governments—Continued.</b>				
Orel.....	October 2-8.....	3	.....	
Kursk.....	do.....	35	11	
Voronej.....	do.....	7	6	
Tambov.....	do.....	50	36	
Ryazan.....	do.....	8	5	
Moscow.....	do.....	1	2	
Tver.....	do.....	13	5	
Yaroslav.....	do.....	4	.....	
Kostroma.....	do.....	2	.....	
Nijzhni Novgorod.....	do.....	4	8	
Kazan.....	do.....	33	15	
Simbirsk.....	do.....	80	73	
Samara.....	do.....	302	152	
Saratoff.....	do.....	108	63	
Astrakhan.....	do.....	1	1	
Stavropol.....	do.....	1	1	
Viatka.....	do.....	2	2	
Orenburg.....	do.....	132	92	
Yekaterinoslav.....	do.....	38	22	
Tauride.....	do.....	6	1	
Bessarabie.....	do.....	.....	1	
Kherson.....	do.....	29	14	
Black Sea.....	do.....	3	1	
Tiflis.....	do.....	8	1	
Elizabethpol.....	do.....	15	8	
Erivan.....	do.....	17	14	
Tobolsk.....	do.....	15	5	
Tomsk.....	do.....	35	17	
<b>Territories—</b>				
Tourgai.....	do.....	11	6	
Don.....	do.....	46	18	
Kuban.....	do.....	1	.....	
Terek.....	do.....	15	10	
Daghestan.....	do.....	39	18	
Kars.....	do.....	8	2	
Ferganah.....	do.....	17	13	
Syr-Daria.....	do.....	16	8	
Amur.....	do.....	23	13	
Akmolinsk.....	do.....	14	6	
<b>Tripoli:</b>				
Tripoli.....	Oct. 11-29.....	85	58	
<b>Turkey</b>				
.....	Oct. 31.....	30	14	Among troops from s. s. Garb. Cases detained at lazaretto of Tonzia.
Constantinople.....	Oct. 11-31.....	25	19	
<b>Turkey in Asia:</b>				
Bagdad, vilayet.....	Oct. 6-23.....	199	148	
Basra.....	Oct. 21-25.....	11	9	
Erzerum, vilayet.....	Oct. 16-26.....	30	26	
Smyrna.....	Nov. 21.....	.....	.....	Present.
Trebizond.....	Oct. 17-23.....	23	21	
Zongouldak.....	Oct. 17-23.....	20	7	And vicinity.

## YELLOW FEVER.

<b>Brazil:</b>				
Manaos.....	Oct. 16-22.....	1	1	
Para.....	Oct. 16-29.....	20	13	
<b>Mexico:</b>				
Campeche.....	Nov. 6-12.....	1	1	

## PLAGUE.

<b>Great Britain:</b>				
Preston (Suffolk County).....	Sept. 16-29.....	4	4	
<b>Egypt:</b>				
Alexandria.....	Sept. 30-Oct. 14.....	1	.....	
<b>India:</b>				
Bombay.....	Oct. 12-18.....	.....	14	
Calcutta.....	Sept. 25-Oct. 1.....	.....	8	
Kurrachee.....	Oct. 9-15.....	10	9	
<b>Indo-China:</b>				
Saigon.....	Sept. 26-Oct. 2.....	1	.....	
<b>Russia:</b>				
Odessa.....	Oct. 22-28.....	1	1	

**CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.****Reports Received During Week Ended November 25, 1910.****SMALLPOX.**

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Brazil:</b>				
Para.....	Oct. 16-29.....	2	1	
<b>Canada:</b>				
New Brunswick—				
Newcastle.....	Nov. 6-12.....	2	.....	
Nova Scotia—				
Sydney.....	Nov. 6-12.....	1	.....	
<b>Ceylon:</b>				
Colombo.....	Oct. 2-8.....	1	1	
<b>China:</b>				
Shanghai.....	Oct. 9-16.....	.....	7	
<b>Egypt:</b>				
Cairo.....	Oct. 8-14.....	1	.....	
<b>Indo-China:</b>				
Saigon.....	Sept. 26-Oct. 2....	4	2	
<b>Japan:</b>				
Kobe.....	Oct. 10-16.....	1	.....	
<b>Malta:</b>				
Valletta.....	Oct. 16-22.....	6	.....	
<b>Mexico:</b>				
Aguascalientes.....	Oct. 23-29.....	1	.....	
Chihuahua.....	Oct. 31-Nov. 6....	1	.....	
Mexico.....	Sept. 27-Oct. 8....	.....	4	
<b>Morocco:</b>				
Tangier.....	Nov. 19.....	.....	.....	Present in foreign colony.
<b>Portugal:</b>				
Lisbon.....	Oct. 17-23.....	46	.....	
<b>Spain:</b>				
Seville.....	Oct. 1-31.....	.....	2	
<b>Zanzibar:</b>				
Zanzibar.....	Sept. 26-Oct. 2....	10	7	

**Reports Received from June 25 to November 18, 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.
<b>Arabia:</b>				
Maskat.....	Sept. 18-Oct. 2....	25	19	Including Matrah.
<b>Austria-Hungary:</b>				
Galicia—				
Padwoloczyńska.....	June 20.....	1	1	From Russia.
Hungary.....	.....	.....	.....	Total for Hungary, Aug. 19-Oct. 15, cases 288, deaths 139.
Budapest.....	Sept. 8-Oct. 1....	8	5	Present.
Kalocsa.....	Sept. 23.....	.....	.....	
Mohacs.....	Aug. 25-Sept. 24...	22	10	
Neusatz.....	Sept. 23.....	.....	.....	Do.
Pressburg.....	Aug. 24-30.....	1	1	From the steamer Rosenberg.
Trieste.....	Oct. 16.....	1	.....	
Vienna.....	Aug. 21-Sept. 24..	9	2	
<b>Borneo:</b>				
Pamangkjat.....	July 22-31.....	20	20	
<b>Brazil:</b>				
Pernambuco.....	Oct. 20.....	2	.....	On s. s. Manaos.
<b>China:</b>				
Amoy.....	July 17-Sept. 24..	6	6	
Fatshan.....	July 1.....	.....	.....	Epidemic.
Hankow.....	Aug. 7-Sept. 24...	4	1	
Hongkong.....	July 10-16.....	9	6	Imported.
Swatow.....	May 10-June 6....	.....	254	From 3,000 to 4,000 deaths in vicinity.
<b>Colombo:</b>				
Ceylon.....	July 3-9.....	1	.....	
<b>Denmark:</b>				
Copenhagen.....	Sept. 27.....	1	.....	On a steamer from Holland.
<b>France:</b>				
Marseille.....	Oct. 4-6.....	4	3	Three cases from s. s. Bosphore from Piraeus; 1 case a contact.

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

Reports Received from June 25 to November 18, 1910.

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Germany:</b>				
Freiburg.....	Sept. 9-13.....	2	.....	
Kalthof.....	Sept. 14.....	10	6	Suburb of Marienburg.
Marienburg.....	Sept. 13-Oct. 9.....	16	6	
Ruhleben (near Berlin).....	June 23-27.....	2	2	Among Russian emigrants.
Sommerau.....	Sept. 22.....	1	1	
Spandau (near Berlin).....	Aug. 29.....	2	1	
<b>India:</b>				
Bombay.....	June 8-Oct. 11.....	.....	37	
Calcutta.....	May 1-Sept. 24.....	.....	536	
Kurrachee.....	July 24-Oct. 8.....	43	36	
Madras.....	May 21-Oct. 7.....	.....	106	Madras Presidency Oct. 1-Dec. 31, 1909, cases 5,579, deaths 3,264; Jan. 1-Aug. 31, 1910, cases 23,101, deaths 14,671.
Moulmine.....	May 1-7.....	1	1	
Negapatam.....	Apr. 16-Sept. 16.....	.....	259	
Rangoon.....	May 8-Sept. 24.....	.....	16	
<b>Indo-China:</b>				
Haiphong.....	Aug. 30.....	.....	.....	Present.
Salgon.....	Jan. 1-Sept. 25.....	78	52	
<b>Italy</b> .....				Total for Italy exclusive of Naples, Oct. 2-Nov. 16, cases 636, deaths 234.
Province of Avellino.....	Oct. 9-22.....	7	2	
Province of Bari—				
Andria.....	Aug. 17-Oct. 22.....	41	29	
Barietta.....	Aug. 17-Sept. 24.....	167	102	
Bisceglie.....	Aug. 17-Oct. 22.....	4	2	
Bitonto.....	Aug. 17-Oct. 22.....	3	1	
Canosa.....	Aug. 17-Sept. 10.....	10	2	
Carbonara.....	Oct. 2-7.....	1	1	
Grumo Appula.....	Aug. 17-27.....	1	.....	
Molfetta.....	Aug. 17-Oct. 22.....	80	29	
Ruvo.....	Aug. 17-Oct. 1.....	4	1	
Spinazzola.....	Aug. 17-Sept. 4.....	15	8	
Terlizzi.....	Oct. 1-7.....	2	.....	
Trani.....	Aug. 17-Sept. 10.....	93	71	
Triggiano.....	Sept. 18-24.....	1	.....	
Province of Campobasso.....	Oct. 9-22.....	6	2	
Province of Caserta.....	Oct. 1-22.....	191	132	
Province of Foggia—				
Cerignola.....	Aug. 17-Oct. 7.....	38	30	
Margherita di Savola.....	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 Lecce.....	Oct. 16-22.....	6	3	
Province of Messina.....	Oct. 16-22.....	1	1	
Province of Naples.....	Oct. 9-22.....	205	56	
Naples.....	Sept. 25-Nov. 8.....	329	131	
Palermo.....	Oct. 16-22.....	.....	.....	
Palermo.....	Oct. 16-22.....	4	4	
Province of Potenza—				
Genzano.....	Aug. 17-27.....	2	1	
Palazzo San Gervasio.....	Aug. 17-27.....	1	1	
Province of Rome—				
Flumicino.....	Oct. 2-7.....	1	1	
Rome.....	Sept. 25-Oct. 22.....	15	8	
Province of Salerno.....	Oct. 1-22.....	18	8	
Province of Sicily—				
Girgenti.....	Oct. 21.....	1	.....	
Monreale.....	Oct. 1.....	1	.....	
Palermo.....	Sept. 28.....	4	.....	
Trapani.....	Oct. 21-22.....	3	2	
Sardinia.....	Oct. 3.....	4	1	
<b>Japan:</b>				
Total for all Japan.....	Sept. 12-Oct. 19.....	800	.....	
Awaji Island.....	July 22-28.....	3	.....	
Ehime.....	Oct. 4.....	5	.....	
Fukuoka.....	Oct. 4.....	20	.....	
Hiroshima.....	Oct. 4.....	5	.....	
Ibogan.....	Aug. 5.....	3	1	
Kagawa.....	Oct. 4.....	2	.....	
Kyoto.....	Oct. 7.....	82	30	
Kobe.....	Sept. 12-Oct. 15.....	232	105	Sept. 12, first case from s. s. Amakusa Maru, from Dalny.
Moji.....	Aug. 13-Oct. 8.....	23	9	Aug. 13, one case on s. s. Helios.
Nagasaki.....	Aug. 15.....	1	.....	On s. s. Kasuga Maru, from Shanghai.

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

Reports Received from June 25 to November 18, 1910.

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Japan—Continued.				
Nara.....	Oct. 4.....	1	.....	
Okayama.....	Oct. 4.....	1	.....	
Osaka.....	Aug. 6-Oct. 10.....	195	117	
Tokushima.....	Oct. 7.....	2	.....	
Wakamatsu.....	Oct. 8.....	2	.....	
Yokohama.....	Aug. 22.....	1	.....	
Java.....				
Batavia.....	May 8-Oct. 1.....	387	257	} On s. s. Siberia, from Shanghai. June 18, present in extreme eastern part. Mainly among natives.
Samarang.....	May 8-July 31.....	323	266	
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-Oct. 7.....	.....	5	Between Rabat and Casablanca among troops.
Netherlands:				
Rotterdam.....	July 23-29.....	1	.....	From a vessel from Russia.
Persia:				
Ardabil.....	July 1-Aug. 21.....	70	56	
Chudja.....	Sept. 4.....	2	1	
Enzeli.....	Aug. 20.....	3	3	
Hassan Branch.....	July 11-13.....	6	2	
Kermanshah.....	Oct. 1-10.....	67	46	Present in all localities between Hamadan and Kainekin.
Khorassan Province—				
Badjirlian.....	Aug. 1-Sept. 4.....	2	1	
Nir.....	Sept. 4.....	.....	.....	Present.
Serab.....	Aug. 4-27.....	.....	.....	Do.
Philippine Islands:				
Manila.....	May 22-Sept. 24.....	405	266	July 29, 1 fatal case from s. s. Batangueno. First quarter, 1910—cases, 56; deaths, 45. Second quarter, 1910—cases, 37; deaths, 27.
Provinces.....				
Albay.....	Sept. 4-10.....	3	2	First quarter, 1910—cases, 578; deaths, 432. Second quarter, 1910—cases, 2,324; deaths, 1,692.
Batangas.....	May 1-Sept. 24.....	1,154	736	
Bulacan.....	May 1-Sept. 24.....	803	569	
Cavite.....	June 12-24.....	6	5	
Ilocos Sur.....	Aug. 14-Sept. 24.....	43	38	
Mindoro.....	Aug. 21-27.....	3	2	
Mountain.....	June 26-Aug. 20.....	5	4	
Nueva Ecija.....	June 26-Sept. 24.....	562	366	
Pampanga.....	Apr. 24-Sept. 24.....	284	262	
Pangasinan.....	Apr. 24-Sept. 24.....	3,906	3,010	
Rizal.....	June 12-Sept. 24.....	271	183	
Tarlac.....	May 8-Sept. 24.....	258	193	
Union.....	May 1-July 30.....	3	1	
Roumania:				
Galatz.....	Sept. 16.....	1	1	An Italian seaman.
Tulcea.....	Oct. 5.....	1	1	
Russia (total for all Russia).....				
Amolinsk, territory.....	Aug. 7-Oct. 1.....	632	386	Total for Russia May 8 to Oct. 15—cases 208,707; deaths, 98,050.
Amur, territory.....	Sept. 11-Oct. 1.....	44	35	
Archangel, government—				
Archangel.....	July 17-Nov. 17.....	2	1	
Astrakhan, government.....	July 3-Oct. 1.....	1,794	797	
Baku, government.....	May 29-Oct. 1.....	1,086	576	
Baku.....	July 3-Oct. 1.....	992	413	
Batum, territory.....	Aug. 28-Oct. 1.....	14	7	
Bessarabia.....	June 5-Oct. 1.....	112	44	
Black Sea, province.....	July 3-Oct. 1.....	499	162	
Cronstadt.....	July 17-Oct. 1.....	220	116	
Daghestan, territory.....	July 17-Oct. 1.....	1,527	553	
Don, territory.....	May 29-Oct. 1.....	20,859	2,164	
Rostov on the Don.....	June 19-Sept. 10.....	3,079	1,029	
Eriwan, government.....	July 24-Oct. 1.....	1,040	521	
Esthonia, government—				
Reval.....	July 24-30.....	1	.....	
Finland.....	Aug. 6.....	2	.....	
Kaluga, government.....	July 17-Aug. 6.....	21	3	
Kars, territory.....	Aug. 7-Oct. 1.....	699	304	



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

Reports Received from June 25 to November 18, 1910.

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.	
Russia (total for all Russia)—Continued.					
Kharkov, government.....	May 29-Sept. 10....	2,586	1,090	June 18-20: Fatal case on s. s. Colenzo.	
Khazan, government.....	June 26-Sept. 10....	1,877	811		
Kherson, government.....	May 29-Sept. 10....	8,784	4,744		
Odessa.....	May 29-Oct. 28....	604	340		
Kief, government.....	May 20-Oct. 1.....	2,946	1,180		
Kostroma, government.....	May 29-Sept. 10....	1,818	736		
Koutais, government.....	Aug. 7-Sept. 10....	368	260		
Kuban, government.....	May 29-Oct. 1.....	49,590	10,267		
Kursk, government.....	June 26-Sept. 10....	5,188	2,033		
Livonia, government.....	Aug. 28-Oct. 1.....	49	34		
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-Oct. 1.....	184	81		
Moscow.....	July 10-30.....	10	5		
Nikolajev.....	Aug. 28-Sept. 10....	37	19		
Nizhni Novgorod, government.....	July 3-Oct. 1.....	1,785	776		
Novgorod, government.....	July 17-Oct. 1.....	340	150		
Olonetz, government.....	Aug. 14-Sept. 10....	10	5		
Orel, government.....	Mar. 30-Sept. 10....	417	162		
Orenburg, government.....	July 17-Oct. 1.....	2,666	1,331		
Orlov.....	July 3-9.....	22	8		
Podolia, government.....	July 3-Sept. 10....	733	284		
Pensa, government.....	July 10-Aug. 13....	401	138		
Perm, government.....	July 17-Sept. 30....	684	231		
Poltava, government.....	May 29-Oct. 1.....	2,953	1,210		
Pskov, government.....	Aug. 14-Oct. 1.....	6	1		
Rjasan, government.....	July 3-Sept. 10....	1,925	805		
St. Petersburg, government.....	July 10-Oct. 1.....	547	304		
St. Petersburg.....	June 19-Oct. 1.....	3,928	1,593		
Samara, government.....	June 19-Oct. 1.....	9,663	4,391		
Sarapul, government.....	July 17-Aug. 27....	1,010	539		
Saratov, government.....	June 19-Oct. 1.....	5,842	2,417		
Semipalatinsk, territory.....	Sept. 4-10.....	11	4		
Simbirsk, government.....	June 19-Oct. 1.....	3,354	1,613		
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-Oct. 1.....	4,069	1,961		
Transbaikal, territory.....	Sept. 4-10.....	15	8		
Taurida, government.....	May 29-Oct. 1.....	4,063	2,001		
Kertsch.....	May 29-Sept. 10....	482	217		
Sebastopol.....	June 19-Sept. 10....	44	24		
Theodosia.....	June 19-25.....			Present.	
Terek, territory.....	June 19-Oct. 1.....	1,257	655		
Tiflis, government.....	July 17-Oct. 1.....	1,585	591		
Tiflis.....	June 19-July 16....	113	41		
Tschernigov, government.....	May 29-Oct. 1.....	1,210	445		
Tobolsk, government.....	Aug. 7-Oct. 1.....	120	63		
Tomsk, government.....	Aug. 14-Oct. 1.....	280	106		
Trans-Caspian, territory.....	July 3-Sept. 10....	62	27		
Trans-Caucasia—					
Tschernomorsk, district—					
Novorossysk.....	June 19-July 3....	7	6		
Tula, government.....	July 10-Aug. 27....	34	10		
Turgai, territory.....	July 24-Oct. 1.....	85	43		
Tver, government.....	July 24-Oct. 1.....	19	4		
Ufa, government.....	July 10-Sept. 10....	588	361		
Ural, territory.....	Aug. 14-Oct. 1.....	177	115		
Vitebsk, government.....	May 29-Oct. 1.....	186	77		
Veronesch, government.....	May 29-Oct. 1.....	4,511	2,104		
Viatka.....	July 24-Sept. 10....	275	146		
Vladimir, government.....	July 24-Oct. 1.....	25	16		
Volhynia, government.....	July 3-Sept. 10....	47	25		
Vologda, government.....	Aug. 14-Sept. 10....	188	109		
Warsaw, district.....	Aug. 25-Sept. 2....	25	28		
Yaroslavl, government.....	July 24-Oct. 1.....	1,139	603		
Yaroslavl.....	July 10-23.....	25	13		
Yekaterinslav, government.....	May 29-Oct. 1.....	14,789	6,830		
Yekaterinslav, government.....				Sept. 22, still present.	
Yelisavetpol.....	Aug. 7-Sept. 10....	54	44		
Servia:					
Belgrade.....	Oct. 7-22.....	6	1		

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

Reports Received from June 25 to November 18, 1910.

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Slam:				
Bangkok.....	May 4-Sept. 10....	806	799	
Straits Settlements:				
Singapore.....	May 8-Sept. 17....	115	110	
Tripoli:				
Tripoli.....	Oct. 29.....	99	67	
Turkey:				
Constantinople.....	Sept. 13-Oct. 31...	109	65	
Turkey in Asia:				
Bagdad, vilayet.....	Oct. 6-23.....	199	148	
Basra.....	Sept. 25-Oct. 25....	14	10	
Erzerum, vilayet.....	Aug. 22-Oct. 26....	573	391	
Irakil.....	Sept. 25-Oct. 1....	1	1	
Samsoun.....	Sept. 18-24.....	1	1	
Tisirk.....	Sept. 18-24.....	1	1	
Trebisond.....	Sept. 10-Oct. 23....	512	283	

## YELLOW FEVER.

Brasil:				
Bahia.....	Apr. 30-Aug. 26....	16	12	
Manaos.....	May 30-Oct. 15....	48	48	S. s. Augustine, left Manaos Sept. 24 bound for Liverpool, via Para and Lisbon. After leaving Manaos 5 cases of yellow fever developed; 2 of these were landed at Para, 2 were buried at sea, and 1 was landed at Liverpool convalescent.
Para.....	May 30-Oct 15.....	160	107	July 25: One death on s. s. Augustine, en route from Para to Lisbon, 2 days previous to arrival at Madeira.
Pernambuco.....	May 16-21.....	.....	1	
Costa Rica:				
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	
Ecuador:				
Babahoyo.....	Sept. 1-15.....	1	.....	
Duran.....	Aug. 16-Sept. 30....	2	.....	
Guayaquil.....	May 16-Oct. 15....	75	33	
Milagro.....	Aug. 16-31.....	2	1	Present Sept. 19.
Gold Coast:				
Sekondi.....	May 1-27.....	8	8	
Great Britain:				
Liverpool.....	Oct. 14.....	1	.....	See remark opposite Manaos.
Hawaii:				
Honolulu.....	Nov. 5.....	1	.....	From s. s. Hongkong Maru, from Empalme, Mexico, via Manzanillo.
Mexico:				
Campeche.....	Sept. 25-Nov. 5....	9	6	
Sierra Leone:				
Freetown.....	May 1-Sept. 31....	8	8	
Sherboro.....	May 20.....	.....	.....	Present.
Venezuela:				
Caracas.....	Sept. 17.....	.....	.....	Do.
La Guaira.....	June 16-30.....	.....	1	
Puerto Cabello.....	Oct. 12.....	.....	.....	Do.
Valencia.....	Oct. 14.....	3	1	

## PLAGUE.

Arabia:				
Aden.....	Oct. 9-15.....	2	2	
Argentina:				
Rosario.....	Feb. 1-28.....	1	1	
Tucuman.....	Feb. 26-May 31....	37	16	

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

Reports Received from June 25 to November 18, 1910.

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Brazil:</b>				
Bahia.....	Apr. 30-Aug. 26...	12	12	
Para.....	Sept. 19.....	1	1	
Pernambuco.....	Apr. 1-Oct. 4.....	6	5	
Rio de Janeiro.....	June 5-Aug. 31.....	3	1	
<b>Chile, general</b> .....	Jan. 1-May 31.....	104	35	
Iquique.....	May 8-Sept. 4.....	38	13	
Mejillones.....	Apr. 27.....	1	1	Present.
Pisagua.....	Apr. 1-May 31.....	14	4	
Taitai.....	Apr. 1-27.....	12	1	
<b>China:</b>				
Amoy.....	July 3-Sept. 24.....		11	May 8-June 11, 8 to 12 deaths daily. Aug. 6, present in vicinity.
Kulangsu 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 Chelin, Feng-chow-shi, 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-Oct. 15.....	6	2	
Duran.....	Sept. 16-Oct. 15.....	2	2	
Guayaquil.....	May 16-Oct. 15.....	213	70	
Matilde, plantation.....	Sept. 1-15.....	1	1	
Rocafuerte.....	Aug. 16-31.....	1	1	Sept. 15—1 case in hospital.
<b>Egypt:</b>				
Alexandria.....	May 24-Sept. 29.....	28	17	
Ismailia.....	June 19.....	1	1	
Port Said.....	June 14-Sept. 24.....	29	13	
<b>Provinces—</b>				
Assiout.....	May 26-Oct. 6.....	26	11	
Assouan.....	Apr. 30-June 8.....	2	2	
Beni Souef.....	May 27-June 29.....	8	5	
Dakalyieh.....	Aug. 16-26.....	3	2	
Galiobeeh.....	May 21-Sept. 9.....	9	2	
Garbieh.....	May 14-Oct. 5.....	46	17	
Fayoum.....	May 28-July 11.....	20	14	
Kena.....	May 27-June 18.....	24	22	
Menouf.....	May 24-Oct. 3.....	120	24	
Minieh.....	May 31-Aug. 19.....	24	9	
<b>German East Africa:</b>				
Lindi.....	Sept. 5.....	1	1	
<b>Great Britain:</b>				
London.....	Oct. 18-19.....	2	1	Case Oct. 18 from s. s. Oceania from Bombay; case Oct. 19 from s. s. Hindle from Bombay.
<b>Hawaii:</b>				
Honolulu.....	July 5-12.....	2	2	
<b>India:</b>				
Bombay.....	May 18-Oct. 16.....		928	
Calcutta.....	May 1-Oct. 24.....		555	
Kurrachee.....	May 15-Oct. 8.....	366	363	
Madras.....	June 25-Oct. 7.....		2	
Rangoon.....	May 8-Sept. 24.....		443	
Bombay Presidency and Sind.....	May 1-Sept. 24.....	10,798	7,636	
Madras Presidency.....	May 1-Sept. 24.....	1,154	901	
Bengal.....	May 1-Sept. 24.....	1,949	1,686	
United provinces.....	May 1-Sept. 24.....	7,310	6,518	
Punjab.....	May 1-Sept. 24.....	44,565	38,720	
Burma.....	May 1-Sept. 24.....	1,774	1,709	
Eastern Bengal and Assam.....	June 12-July 9.....	48	45	
Central provinces, including Berar.....	May 1-Sept. 24.....	3,389	2,241	
Mysore State.....	May 1-Sept. 24.....	1,963	1,336	
Hyderabad State.....	May 1-Sept. 24.....	1,253	1,109	
Central India.....	May 1-Sept. 24.....	922	596	
Rajputana and Ajmer-Merwara.....	May 1-Aug. 27.....	9,328	8,131	
Kashmir.....	May 1-June 11.....	58	49	
North West Province.....	June 12-18.....	3	3	
<b>Grand total.....</b>		<b>84,514</b>	<b>70,680</b>	

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

Reports Received from June 25 to November 18, 1910.

## PLAGUE—Continued

Place.	Date.	Cases.	Deaths.	Remarks.
Indo-China:				
Saigon.....	Jan. 1-Sept. 18....	98	39	
Japan:				
Formosa.....	May 8-June 18....	16	12	
Osaka.....	May 1-June 25....	9	1	
Yokohama.....	Aug. 31.....	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-Sept. 1....	38	20	
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	Sept. 12, present.
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. Nicarle.
Lambayeque Department.....	Mar. 1-Aug. 31....	46	22	
Libertad Department.....	Mar. 1-Aug. 31....	83	44	
Lima Department.....	Mar. 1-Aug. 31....	38	20	
Piura Department.....	Mar. 1-July 31....	6	3	
Portugal:				
Lisbon.....	Nov. 9.....			Present.
Rhodes:				
Aplakia.....	May 22-28.....			Present.
Russia:				
Astrakhan government—				
Khargiz Steppe.....	June 26-July 7....	13	12	In Kalmuk and Narinsk.
Moscow.....	Aug. 14-Sept. 3....	2	1	
Odessa.....	July 18-Oct. 28....	132	39	
St. Petersburg.....	May 6-28.....	3	3	
Siam:				
Bangkok.....	Apr. 25-Sept. 10....	30	27	
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	
Beirut.....	Aug. 1.....	1		
Lohela.....	May 1-24.....	25	27	And vicinity.
Venezuela:				
Caracas.....	July 30-Oct. 25....	7	7	
Zanzibar:				
Zanzibar.....	Sept. 2-14.....	3	3	

## SMALLPOX.

Abyssinia:				
Adis Ababa.....	May 16-Oct. 15....			Present.
Arabia:				
Aden.....	Sept. 19-26.....		1	
Maskat.....	July 19-23.....	1		
Argentina:				
Buenos Aires.....	Feb. 1-Aug. 31....		447	
Mendoza, province.....	July 27.....			Epidemic.
Rosario.....	Apr. 1-July 31....	5	5	In February 1 case, 1 death.
San Juan, province.....	July 27.....			Epidemic.
Algeria:				
Bona.....	May 1-31.....	1	1	
Australia:				
Victoria, general.....	Apr. 3-19.....	1	1	
Austria-Hungary:				
Bukovina.....	July 10-16.....	1		
Galicia.....	May 29-July 23....	5		
Barbados:				
Aug. 16.....		1		From steamship Byron.
Belgium:				
Antwerp.....	July 24-Oct. 1....	2	1	
Ghent.....	July 24-Sept. 10....		2	

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

Reports Received from June 25 to November 18, 1910.

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Brazil:</b>				
Bahia.....	Apr. 30-Aug. 19...	306	233	Present.
Campinas.....	July 17-23.....		1	
Manaos.....	Aug. 6-Sept. 3.....			
Para.....	May 29-Oct. 15.....	73	21	
Pernambuco.....	Mar. 16-June 30.....		331	
Rio de Janeiro.....	Apr. 18-Sept. 25.....	39		
Santos.....	May 22-Aug. 16.....		12	
Sao Paulo.....	June 12-25.....		4	
<b>Canada:</b>				
British Columbia—				
Fernie.....	June 12-25.....	4		
Vancouver.....	May 1-31.....	2		
Victoria.....	Aug. 21-Oct. 8.....	5		
Manitoba—				
Dauphin.....	Sept. 15.....			Present.
Winnipeg.....	June 19-25.....	1		
Nova Scotia—				
Halifax.....	June 14-Nov. 5.....	18		
Pictou.....	June 12-July 23.....	9	1	
Sydney.....	July 3-Nov. 5.....	21		
Ontario—				
Kingston.....	Oct. 3.....			Present in vicinity.
Toronto.....	June 5-Sept. 17.....	13		
<b>Ceylon:</b>				
Colombo.....	June 26-Oct. 1.....	18	7	
<b>Chile:</b>				
Antofagasta.....	July 3-9.....	4		Epidemic. From a coaling vessel. Present. Deaths not reported. Oct. 1— Still present. Present.
Chilean.....	May 14.....			
Punta Arenas.....	Sept. 21-27.....	1		
Santiago.....	June 19-25.....			
Valparaiso.....	May 19-Sept. 24.....	312		
Victoria.....	May 14.....			
<b>China:</b>				
Canton.....	May 8-28.....	9		June 5—Present; July 2—One case from a vessel.
Chefoo.....	June 18-July 2.....	1	1	
Chungking.....	Aug. 27-Oct. 1.....			Present.
Hongkong.....	May 8-July 30.....	6	3	
Nanking.....	May 7-Oct. 8.....			Do. Cases among foreigners; deaths among natives. June 9—Three cases from U. S. cruiser New Orleans from Nanking.
Shanghai.....	May 22-Oct. 9.....	5	54	
Swatow.....	June-July 17.....			Present.
Tsingtau.....	June 12-18.....	2		
<b>Cuba:</b>				
Habana.....	Sept. 17.....	1		On s.s. Corcovado, from Corunna.
Egypt, general.....	Apr. 30-June 17.....	415	85	
Alexandria.....	May 1-Aug. 31.....		13	
Cairo.....	May 21-Sept. 30.....	11	5	
Suez.....	May 21-27.....	1		
<b>France:</b>				
Paris.....	May 29-Oct. 1.....	36		
<b>Germany:</b>				
Total for all Germany.....	May 29-Oct. 22.....	24		
Hamburg.....	June 5-11.....	1		
Gibraltar.....	June 20-Oct. 9.....	7	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	
West Hartlepool.....	Oct. 2-8.....	1		
<b>Hawaii:</b>				
Hilo.....	Sept. 10-Nov. 14.....	2		Sept. 10—One case on s. s. Wil- helmina, from San Francisco via Honolulu. Nov. 14, one case from army transport Sheri- dan from San Francisco.
<b>India:</b>				
Bombay.....	May 18-Oct. 18.....	622	122	
Calcutta.....	July 10-Oct. 1.....		5	
Kurrachee.....	May 15-July 16.....	12	3	
Madras.....	May 14-Oct. 14.....		66	
Rangoon.....	May 8-Aug. 27.....		38	
<b>Indo China:</b>				
Saigon.....	May 30-Aug. 7.....	180	92	

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

Reports Received from June 25 to November 18, 1910.

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Italy, exclusive of Naples.....	May 30-Aug. 7.....	66	.....	June 26—One case from s. s. San Giovanni. One case, July 3, on s. s. Pannonia.
Naples.....	May 30-Aug. 21.....	88	17	
Palermo.....	Sept. 25-Oct. 1.....	1	1	
Provaglio di Isco.....	Oct. 9-16.....	1	.....	
Japan:				
Formosa.....	May 22-Sept. 25.....	.....	5	
Java:				
Batavia.....	May 22-Oct. 1.....	6	.....	
Korea:				
Fusan.....	May 1-7.....	1	.....	
Seoul.....	May 26-July 2.....	3	4	
Malta.....	May 22-July 30.....	18	2	
Mexico:				
Aguascalientes.....	June 5-Oct. 8.....	.....	40	
Guadalajara.....	June 11-July 2.....	.....	6	
Mexico.....	May 15-Sept. 24.....	.....	37	
San Luis Potosi.....	May 29-Oct. 8.....	13	9	
Versacruz.....	July 3-9.....	1	.....	
Netherlands:				
Rotterdam.....	Sept. 4-17.....	.....	1	
Persia:				
Kerman.....	July 2.....	.....	.....	Present.
Teheran.....	May 1-Oct. 24.....	.....	158	
Peru:				
Salaverry.....	Oct. 7-13.....	3	.....	
Philippine Islands.....	.....	.....	.....	First quarter, 1910, cases 71; second quarter, 1910, cases 56.
Portugal:				
Lisbon.....	May 29-Oct. 22.....	878	.....	Jan. 1-Sept. 24, deaths 210
Russia:				
Libau.....	May 30-Oct. 1.....	144	9	Apr. 1-July 31—Deaths, 444.
Moscow.....	May 22-Oct. 15.....	191	70	
Odessa.....	May 22-Sept. 25.....	53	12	
Riga.....	May 29-Oct. 22.....	475	.....	
St. Petersburg.....	May 8-Oct. 22.....	517	189	
Warsaw.....	Mar. 6-Sept. 10.....	.....	191	
Siam:				
Bangkok.....	Apr. 25-Sept. 10.....	4	4	
Siberia:				
Vladivostok.....	Apr. 22-Aug. 13.....	9	1	
Spain:				
Almeria.....	June 1-Aug. 31.....	.....	3	
Barcelona.....	May 31-Oct. 9.....	.....	19	
Cadiz.....	May 1-31.....	.....	1	
Madrid.....	May 1-Sept. 30.....	.....	14	
Seville.....	May 1-Sept. 30.....	.....	6	
Valencia.....	June 19-July 23.....	6	.....	
Vigo.....	June 12-Oct. 15.....	.....	10	
Straits Settlements:				
Penang.....	May 29-Sept. 3.....	27	5	
Singapore.....	May 8-Oct. 24.....	239	72	
Switzerland:				
Thurgau, Canton.....	July 10-16.....	1	.....	
Zurich, Canton.....	June 19-Oct. 22.....	11	.....	
Tripoli:				
Tripoli.....	June 12-18.....	1	.....	
Turkey:				
Constantinople.....	Aug. 22-28.....	.....	1	
Turkey in Asia:				
Basra.....	June 5-Aug. 13.....	.....	.....	Present.
Uruguay:				
Montevideo.....	Apr. 1-Aug. 31.....	775	330	
San Jose.....	July 7.....	.....	.....	Do.
Zanzibar:				
Zanzibar.....	June 1-Oct. 2.....	160	78	

## 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.
Aberdeen.....	Oct. 29	185,703	40							1	1		
Aden.....	Oct. 17	43,974	28	2									1
Do.....	Sept. 24		19	4									
Aguascalientes.....	Oct. 29	40,000	41					1				1	2
Do.....	Nov. 5		40	5								1	
Amsterdam.....	do.....	573,246	138	16					3			2	1
Antwerp.....	Oct. 29	326,351	81	3								3	1
Asuncion.....	Sept. 24	72,000	16	2					2				
Do.....	Oct. 1		30	7					1				
Do.....	Oct. 8		30	3								2	
Athens.....	Oct. 15	250,010	78	12					4			1	1
Barcelona.....	Oct. 30	591,272	285	10					5			1	1
Barranquilla.....	Oct. 29	40,000	27	2					2			1	
Batavia.....	Oct. 8	217,630	8			5							
Belfast.....	Oct. 29	391,167	115	20					1				1
Belgrade.....	do.....	80,000	46									2	
Birmingham.....	Nov. 5	570,113	123						1	3	2	2	1
Bombay.....	Oct. 18	977,822	571	40	14	2		1	1			3	
Bordeaux.....	Oct. 20	253,000	74	12					2				
Bradford.....	Oct. 29	295,865	73	9					1				2
Bremen.....	do.....	242,849	52	6					1			1	
Calcutta.....	Oct. 1	847,796	344	10	8	16		1					
Canton.....	Sept. 24	1,000,000	150	10					3				
Do.....	Oct. 1		125	10					5				
Do.....	Oct. 8		150	15					3				
Ciudad Porfirio Diaz.....	Nov. 12	16,000	6	1								1	1
Constantinople.....	Oct. 30	1,000,000	237	45					8	4		3	
Denia.....	Oct. 29	12,431	4								1		
Dublin.....	Oct. 22	402,928	174	31					2	1			5
Do.....	Oct. 29		139	21						4			1
Dundee.....	Nov. 5	170,206	47	4						1	5		
Edinburgh.....	Oct. 25	360,276	95	5						1	1		
Frankfort-on-Main.....	Oct. 22	412,000	86								1	5	1
Do.....	Oct. 29		85								3	1	
Hamburg.....	Oct. 22	895,204	268	23						1	16	3	1
Do.....	Oct. 29		236	37							9	4	3
Hankow.....	Oct. 8	850,000	45	10		1				1			1
Havre.....	Oct. 29	132,436								1			
Kingston.....	do.....	48,504							1				
Kobe.....	Oct. 16	400,147	218			18			1			2	
Leeds.....	Nov. 5	490,885	152	15						3	2	9	
Leith.....	Oct. 29	86,767	21	2									1
Liverpool.....	Nov. 5	787,606	227	19						6	4	1	3
London.....	Oct. 29	7,537,196	1,677						16	2	14	48	11
Madras.....	Oct. 14	550,000	452			4		4					
Manaos.....	Oct. 22	50,000	25	1			1						
Manchester.....	Oct. 29	631,533	211	20					1	1	1	10	3
Mexico.....	Oct. 1	500,000	372						12			1	
Do.....	Oct. 8		318										
Monterey.....	Nov. 6	100,000	37	4						1			
Montreal.....	Nov. 12	450,000	182	14					3	1		4	2
Munich.....	Oct. 15	576,000	180	27						1		2	2
Do.....	Oct. 22	576,000	160	28								1	
Nagasaki.....	Oct. 16	176,970	34	4					1				
Nagoya.....	Sept. 24	400,924	115						1				
Do.....	Oct. 1		126						3			1	
Do.....	Oct. 8		136			1			3			1	
Do.....	Oct. 15		147						2			1	
Ottawa.....	Oct. 27	86,000	25	3					1				
Do.....	Nov. 12		20							1			
Palermo.....	Oct. 29	340,000	142	7		3				2	1		
Para.....	do.....	185,000	88	12			8	1				1	
Port of Spain.....	Oct. 15	60,000	29	4					1				
Do.....	Oct. 22		31	4									1
Quebec.....	Nov. 5	85,000									2		
Salon.....	Oct. 2	206,000	2					2					
St. Johns. N. B.....	Nov. 5	57,309	9	1						1			
Shanghai.....	Oct. 16	565,000	146	12				7				2	
Talcahuano.....	Sept. 24	28,000	6						1	1		2	1
Winnipeg.....	Oct. 22	135,000	45	2					2	2	1		
Yokohama.....	Oct. 17	407,432							4				

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

**ARGENTINA—Buenos Aires.**—Month of August, 1910. Population 1,275,910. Total number of deaths from all causes 2,048, including smallpox 29, measles 6, scarlet fever 3, diphtheria 16, tuberculosis, 247.

**AZORES—St. Michaels.**—Month of August, 1910. Population 131,183. Total number of deaths from all causes 110, including typhoid fever 1, tuberculosis 6.

**CANADA—Sherbrooke.**—Month of October, 1910. Population 15,300. Total number of deaths from all causes 20, including diphtheria 1, tuberculosis 4.

**CHILE—Punta Arenas.**—Month of August, 1910. Population 12,000. Total number of deaths from all causes 43, including tuberculosis 3.

**EAST AFRICA—Lourenco Marquez.**—Month of September, 1910. Population, 10,000. Total number of deaths from all causes 58, including tuberculosis 17.

**FRANCE—Nice.**—Month of July, 1910. Population 150,881. Total number of deaths from all causes 190, including typhoid fever 1, measles 1, tuberculosis 29.

Month of August, 1910. Total number of deaths 157, including typhoid fever 4, diphtheria 1, tuberculosis 22.

**GREAT BRITAIN.**—Week ended October 15, 1910.

*England and Wales.*—The deaths registered in 77 great towns correspond to an annual rate of 13.1 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 16.9 per 1,000 of the population, which is estimated at 1,151,790. The lowest rate was recorded at Drogheda, viz, 4.1, and the highest at Clonmel, viz, 41 per 1,000.

*Scotland.*—The deaths registered in 8 principal towns correspond to an annual rate of 12.9 per 1,000 of the population, which is estimated at 1,865,571. The lowest rate was recorded at Aberdeen, viz, 9.8, and the highest at Dundee, viz, 17.5. The total number of deaths from all causes was 468, including typhoid fever 2, measles 3, scarlet fever 4, diphtheria 14.

**ITALY—Genoa.**—Two weeks ended October 31, 1910. Population 279,163. Total number of deaths from all causes 187, including typhoid fever 3, tuberculosis 20.

**SPAIN—Almeria.**—Month of October, 1910. Population 50,910. Total number of deaths from all causes 116, including typhoid fever 2, scarlet fever 1, tuberculosis 11.



*Seville*.—Month ended October 31, 1910. Population 154,315. Total number of deaths from all causes 384, including smallpox 2, scarlet fever 4, diphtheria 9, tuberculosis 67.

By authority of the Secretary of the Treasury:

WALTER WYMAN,

*Surgeon-General,*

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