

# PUBLIC HEALTH REPORTS.

---

**VOL. XXV.**

**MARCH 11, 1910.**

**No. 10.**

---

## UNITED STATES.

---

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

---

### PLAGUE-PREVENTION WORK.

Passed Assistant Surgeon McCoy reports:

#### **BERKELEY, CAL.**

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

Week ended February 19, 1910. Rats trapped, 3. Bacteriologically examined, 3. No plague-infected rats found.

#### **ALAMEDA COUNTY, CAL. (exclusive of Oakland).**

Last case of human plague sickened 2 miles southwest of Sunol, September 26, 1909. Last plague-infected rodent was found February 5, 1910. To the present time 64 ground squirrels and 1 wood rat have been found infected.

Week ended February 19. Ranches inspected, 6. Ground squirrels shot, 20. Acres covered with poison, 100. Ground squirrels examined bacteriologically, 20. No plague-infected squirrels found.

#### **FRESNO COUNTY, CAL.**

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

Week ended February 19. Ranches inspected, 28. Ground squirrels shot, 600. Ground squirrels examined bacteriologically, 598. No plague-infected squirrels found.

#### **MARIPOSA COUNTY, CAL.**

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

Week ended February 19. Ranches inspected, 2. Ground squirrels shot, 21. Ground squirrels examined bacteriologically, 21. No plague-infected squirrels found.

**MERCED COUNTY, CAL.**

There is no record of human or rodent plague in Merced County.  
 Week ended February 19. Ranches inspected, 6. Ground squirrels shot, 212. Ground squirrels examined bacteriologically, 208. No plague-infected squirrels found.

**MONTEREY COUNTY, CAL.**

There is no record of human or rodent plague in Monterey County.  
 Week ended February 19. Ranches inspected, 29. Ground squirrels shot, 288. Ground squirrels found dead, 1. Ground squirrels examined bacteriologically, 284. No plague-infected squirrels found.

**SAN JOAQUIN COUNTY, CAL.**

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

Week ended February 19. Ranches inspected, 6. Ground squirrels shot, 25. Ground squirrels examined bacteriologically, 25. No plague-infected squirrels found.

**SAN LUIS OBISPO COUNTY, CAL.**

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

Week ended February 19. Ranches inspected, 16. Ground squirrels shot, 188. Ground squirrels examined bacteriologically, 188. No plague-infected squirrels found.

**SAN MATEO COUNTY, CAL.**

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

Week ended February 19. Ranches inspected, 9. Ground squirrels shot, 98. Ground squirrels examined bacteriologically, 98. No plague-infected squirrels found.

**SANTA BARBARA COUNTY, CAL.**

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

Week ended February 19. Ranches inspected, 25. Ground squirrels shot, 296. Ground squirrels examined bacteriologically, 290. No plague-infected squirrels found.

**SANTA CLARA COUNTY, CAL.**

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

Week ended February 19, 1910. Ranches inspected, 4. Ground squirrels shot, 25. Ground squirrels examined bacteriologically, 25. No plague-infected squirrels found.

**SANTA CRUZ COUNTY, CAL.**

There is no record of human plague in Santa Cruz County. A plague-infected rodent was found November 6, 1909.

Week ended February 19, 1910. Ranches inspected, 24. Ground squirrels shot, 62; found dead, 4. Ground squirrels examined bacteriologically, 61. No plague-infected squirrels found.

**SOLANO COUNTY, CAL.**

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

Week ended February 19. Ranches inspected, 7. Ground squirrels shot, 32. Ground squirrels examined bacteriologically, 32. No plague-infected squirrels found.

**TULARE COUNTY, CAL.**

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

Week ended February 19. Ranches inspected, 71. Ground squirrels shot, 464; found dead, 2. Ground squirrels examined bacteriologically, 461. No plague-infected squirrels found.

**VENTURA COUNTY, CAL.**

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

Week ended February 19. Ranches inspected, 6. Ground squirrels shot, 216. Ground squirrels examined bacteriologically, 211. No plague-infected squirrels found.

Passed Assistant Surgeon Glover reports:

**SEATTLE, WASH.**

No case of human plague since October 30, 1907. The last plague-infected rat was found February 8, 1910. Total plague-infected rats found to date, 22.

Week ended February 19. Rats received, 1,021. Rats necropsied, 953. No plague-infected rats found.

**SMALLPOX IN THE UNITED STATES.****Reports Received During Week Ended March 11, 1910.**

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Alabama:</b>				
Montgomery.....	Feb. 20-26.....	16	.....	
<b>Arkansas:</b>				
Little Rock.....	Feb. 20-26.....	13	.....	
<b>Colorado:</b>				
Bent County.....	Feb. 1-28.....	10	.....	
Conejos County.....	Feb. 1-28.....	19	.....	
Denver County.....	Feb. 1-28.....	8	.....	
Fremont County.....	Feb. 1-28.....	14	.....	
Huerfano County.....	Feb. 1-28.....	9	.....	
Jefferson County.....	Feb. 1-28.....	1	.....	
La Plata County.....	Feb. 1-28.....	4	.....	
Las Animas County.....	Feb. 1-28.....	9	.....	
Logan County.....	Feb. 1-28.....	14	.....	
Montrose County.....	Feb. 1-28.....	13	.....	
Morgan County.....	Feb. 1-28.....	15	.....	
Ouray County.....	Feb. 1-28.....	2	.....	
Pitkin County.....	Feb. 1-28.....	5	.....	
Pueblo County.....	Feb. 1-28.....	2	.....	
Rio Grande County.....	Feb. 1-28.....	1	.....	
Weld County.....	Feb. 1-28.....	6	.....	
District of Columbia.....	Feb. 20-26.....	3	.....	

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received During Week Ended March 11, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Florida:</b>				
Alachua County.....	Feb. 20-26.....	1		
Escambia County—				
Pensacola.....	Feb. 20-26.....	1		
Leon County.....	Feb. 20-26.....	1		
<b>Louisiana:</b>				
New Orleans.....	Feb. 20-26.....	4		
<b>Maryland:</b>	Feb. 1-28.....	None.		
<b>Missouri:</b>				
Andrew County.....	Feb. 20-26.....	2		
Kansas City.....	Feb. 13-19.....	1		
<b>Nebraska:</b>				
Lincoln.....	Jan. 1-31.....	4		
<b>Tennessee:</b>				
Chattanooga.....	Feb. 20-26.....	4		
Memphis.....	Feb. 20-26.....	11		
Nashville.....	Feb. 20-26.....	1		
Shelby County.....	Dec. 1-31.....	50		
Do.....	Jan. 1-31.....	87		
<b>Texas:</b>				
Atacosta County.....	Feb. 13-19.....	2		
Denton County.....	Feb. 21-27.....	29	5	
Galveston.....	Feb. 20-26.....	1		
<b>Virginia:</b>				
Lynchburg.....	Feb. 20-26.....	6	1	
<b>West Virginia:</b>				
Berkeley Springs.....	Dec. 27-Feb. 17.....	6		

## Reports Received from January 1 to March 4, 1910.

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Alabama:</b>				
Birmingham.....	Jan. 9-Feb. 12.....	19		
Mobile.....	Jan. 16-Feb. 5.....	4		
Montgomery.....	Dec. 19-Feb. 19.....	340		
Total for State.....		363		
<b>Arkansas:</b>				
Argenta.....	Jan. 22-Feb. 12.....	11		
Little Rock.....	Jan. 1-Feb. 19.....	56		
Lonoke.....	Jan. 6-20.....	2		
Total for State.....		69		
<b>California:</b>				
Berkeley.....	Dec. 26-Jan. 1.....	1		
Los Angeles.....	Jan. 12-Feb. 12.....	4		
Oakland.....	Dec. 26-Jan. 1.....	1		
Sacramento County.....	Jan. 1-31.....	48	1	
Sacramento.....	Dec. 12-18.....	2		
San Francisco.....	Dec. 19-Feb. 19.....	10		
Total for State.....		66	1	
<b>Colorado:</b>				
Boulder.....	Dec. 19-25.....	1		
Chaffee County.....	Jan. 1-31.....	6		
Conejos County.....	Jan. 1-31.....	10		
Denver County.....	Jan. 1-31.....	10		
Garfield County.....	Jan. 1-31.....	1		
Huerfano County.....	Jan. 1-31.....	3		
Larimer County.....	Jan. 1-31.....	4		
Las Animas County.....	Jan. 1-31.....	5		
Logan County.....	Jan. 1-31.....	3		
Mesa County.....	Jan. 1-31.....	4		
Fruita district.....	Dec. 26-Jan. 1.....	3		
Montrose County.....	Jan. 1-31.....	6		
Morgan County.....	Jan. 1-31.....	1		
Otero County.....	Jan. 1-31.....	1		
Oursay County.....	Jan. 1-31.....	11		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to March 4, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Colorado—Continued.</b>				
San Miguel County.....	Jan. 1-31.....	1		
Summit County.....	Jan. 1-31.....	1		
Weld County.....	Jan. 1-31.....	15		
Total for State.....		86		
<b>District of Columbia.</b>				
	Dec. 19-Feb. 19...	15		
Total for District.....		15		
<b>Florida:</b>				
Columbia County.....	Feb. 13-19.....	2		
Escambia County.....	Feb. 6-19.....	25		
Jacksonville.....	Jan. 30-Feb. 5.....	1		
Total for State.....		28		
<b>Georgia:</b>				
Macon.....	Jan. 1-31.....	51		
Total for State.....		51		
<b>Illinois:</b>				
Alexander County.....	Jan. 1-31.....	6		
Coles County.....	Jan. 1-31.....	4		
Cook County—				
Chicago.....	Dec. 19-25.....	2		
Edwards County.....	Jan. 1-31.....	19		
Effingham County.....	Jan. 1-31.....	81		
Fayette County.....	Jan. 1-31.....	1		
Franklin County.....	Jan. 1-31.....	6		
Jackson County.....	Jan. 1-31.....	2		
Kane County.....	Jan. 1-31.....	1		
Macon County.....	Jan. 1-31.....	1		
McLean County.....	Jan. 1-31.....	1		
Montgomery County.....	Jan. 1-31.....	7		
Pulaski County.....	Jan. 1-31.....	2		
Sangamon County.....	Jan. 1-31.....	4		
Shelby County.....	Jan. 1-31.....	9		
Wabash County.....	Jan. 1-31.....			Present.
Wayne County.....	Jan. 1-31.....	5		
Williamson County.....	Jan. 1-31.....	21		
Total for State.....		172		
<b>Indiana:</b>				
Adams County.....	Oct. 1-31.....	4		
Allen County.....	Oct. 1-Jan. 31.....	180	1	
Carroll County.....	Nov. 1-Jan. 21.....	2		
Clark County.....	Dec. 1-Jan. 31.....	20		
Clinton County.....	Dec. 1-Jan. 31.....	28		
Crawford County.....	Jan. 1-31.....	1		
Daviess County.....	Nov. 1-Jan. 31.....	28		
Decatur County.....	Jan. 1-31.....	3		
Dekalb County.....	Dec. 1-Jan. 31.....	3		
Delaware County.....	Oct. 1-Nov. 30.....	20		
Fountain County.....	Jan. 1-31.....	1		
Fulton County.....	Jan. 1-31.....	4		
Grant County.....	Oct. 1-Jan. 31.....	35		
Greene County.....	Oct. 1-31.....	6		
Hamilton County.....	Jan. 1-31.....	4		
Henry County.....	Jan. 1-31.....	2		
Huntington County.....	Jan. 1-31.....	1		
Jefferson County.....	Nov. 1-30.....	1		
Jennings County.....	Jan. 1-31.....	6		
Knox County.....	Oct. 1-31.....	7		
Laporte County.....	Dec. 1-31.....	1		
Madison County.....	Jan. 1-31.....	3		
Marion County.....	Dec. 1-Jan. 31.....	3		
Marshall County.....	Oct. 1-Jan. 31.....	80		
Martin County.....	Jan. 1-31.....	1		
Miami County.....	Jan. 1-31.....	3		
Montgomery County.....	Jan. 1-31.....	2		
Noble County.....	Nov. 1-Jan. 31.....	2		
Randolph County.....	Oct. 1-31.....	1		
St. Joseph County.....	Oct. 1-Jan. 31.....	21		
Shelby County.....	Dec. 1-Jan. 31.....	33		
Stauben County.....	Nov. 1-30.....	3		
Tippecanoe County.....	Dec. 1-Jan. 31.....	3		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to March 4, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Indiana—Continued.</b>				
Vanderburg County.....	Oct. 1-31.....	8		
Warren County.....	Nov. 1-30.....	1		
Washington County.....	Jan. 1-31.....	1		
Wayne County.....	Nov. 1-Jan. 31.....	1		
Total for State.....		523	1	
<b>Iowa:</b>				
Buena Vista County.....	Jan. 1-31.....	1		
Calhoun County.....	Jan. 1-31.....	10		
Cass County.....	Jan. 1-31.....	1		
Cedar County.....	Jan. 1-31.....	3		
Cherokee County.....	Jan. 1-31.....	24		
Clayton County.....	Jan. 1-31.....	1		
Dallas County.....	Jan. 1-31.....	1		
Dubuque County.....	Jan. 1-31.....	5		
Jones County.....	Jan. 1-31.....	1		
Linn County.....	Jan. 1-31.....	7		
Cedar Rapids.....	Dec. 1-31.....	7		
Madison County.....	Jan. 1-31.....	1		
Marion County.....	Jan. 1-31.....	2		
Marshall County.....	Jan. 1-31.....	4		
Monroe County.....	Jan. 1-31.....	2		
Polk County.....	Jan. 1-31.....	27		
Pottawattamie County.....	Jan. 1-31.....	1		
Poweshiek County.....	Jan. 1-31.....	6		
Sioux County.....	Jan. 1-31.....	6		
Woodbury County— Sioux City.....	Dec. 1-31.....	2		
Total for State.....		112		
<b>Kansas:</b>				
Allen County.....	Jan. 1-31.....	1		
Barton County.....	Jan. 1-31.....	1		
Bourbon County.....	Jan. 1-31.....	3		
Cherokee County.....	Jan. 1-31.....	8		
Clay County.....	Nov. 1-30.....	1		
Cloud County.....	Nov. 1-30.....	1		
Cowley County.....	Nov. 1-30.....	3		
Crawford County.....	Dec. 1-Jan. 31.....	4		
Pittsburg.....	Jan. 1-31.....	1		
Decatur County.....	Nov. 1-Jan. 31.....	21		
Dickinson County.....	Jan. 1-31.....	4		
Douglas County.....	Dec. 1-31.....	1		
Ellsworth County.....	Jan. 1-31.....	14		
Finney County.....	Jan. 1-31.....	1		
Ford County.....	Jan. 1-31.....	6		
Gove County.....	Dec. 1-31.....	3		
Graham County.....	Nov. 1-Jan. 31.....	40		
Gray County.....	Jan. 1-31.....	18		
Hamilton County.....	Jan. 1-31.....	2		
Jackson County.....	Dec. 1-31.....	5		
Jewell County.....	Nov. 1-Jan. 31.....	44		
Kearny County.....	Jan. 1-31.....	1		
Kiowa County.....	Jan. 1-31.....	2		
Labette County.....	Jan. 1-31.....	5		
Lane County.....	Nov. 1-30.....	1		
Leavenworth County.....	Dec. 1-31.....	1		
Logan County.....	Jan. 1-31.....	2		
Lyon County.....	Dec. 1-31.....	1		
McPherson County.....	Dec. 1-Jan. 31.....	3		
Marshall County.....	Dec. 1-31.....	20		
Miami County.....	Jan. 1-31.....	3		
Montgomery County.....	Nov. 1-Jan. 31.....	109		
Coffeyville.....	Jan. 1-31.....	11		
Nemaha County.....	Jan. 1-31.....	1		
Neosha County.....	Jan. 1-31.....	1		
Ness County.....	Dec. 1-Jan. 31.....	8		
Norton County.....	Nov. 1-Jan. 31.....	38		
Osage County.....	Jan. 1-31.....	11		
Phillips County.....	Jan. 1-31.....	3		
Pottawatomie County.....	Nov. 1-Dec. 31.....	6		
Rawlins County.....	Jan. 1-31.....	5		
Reno County.....	Nov. 1-Jan. 31.....	123		
Rice County.....	Jan. 1-31.....	1		
Riley County.....	Jan. 1-31.....	17		
Rush County.....	Jan. 1-31.....	5		
Russell County.....	Jan. 1-31.....	1		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to March 4, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Kansas—Continued.</b>				
Saline County.....	Dec. 1-31.....	1		
Scott County.....	Nov. 1-Dec. 31.....	11		
Sedgwick County.....	Dec. 1-31.....	2	1	
Wichita.....	Jan. 1-31.....	1		
Shawnee County.....	Dec. 1-31.....	12		
Topeka.....	Nov. 1-Jan. 31.....	9		
Sheridan County.....	Nov. 1-Jan. 31.....	8		
Smith County.....	Jan. 1-31.....	2		
Sumner County.....	Nov. 1-Jan. 31.....	11		
Thomas County.....	Jan. 1-31.....	1		
Wabaunsee County.....	Nov. 1-30.....	3		
Wilson County.....	Nov. 1-Jan. 31.....	3		
Woodson County.....	Jan. 1-31.....	25		
Wyandotte County.....	Dec. 1-Jan. 31.....	91		
Kansas City.....	Jan. 1-31.....	39		
Total for State.....		780	1	
<b>Kentucky:</b>				
Hartford.....	Dec. 12-18.....	2		
Lexington.....	Dec. 12-Jan. 29.....	4		
Paducah.....	Jan. 5-11.....	1		
Total for State.....		7		
<b>Louisiana:</b>				
New Orleans.....	Dec. 26-Feb. 19.....	53		
Shreveport.....	Jan. 23-29.....	5		
Total for State.....		58		
<b>Maryland:</b>				
Baltimore.....	Dec. 26-Jan. 1.....	1		
Dorchester County.....	Dec. 3-31.....	4		
Garrett County.....	Jan. 8-31.....	1		
Total for State.....		6		
<b>Massachusetts:</b>				
Essex County.....	Jan. 1-31.....	1		
Middlesex County.....	Jan. 1-31.....	65		
Lynn County.....	Jan. 1-31.....	4		
Suffolk County.....	Jan. 1-31.....	2		
Worcester County.....	Jan. 1-31.....	18		
Total for State.....		90		
<b>Michigan:</b>				
Alcona County.....	Nov. 1-Jan. 31.....	26		
Antrim County.....	Nov. 1-Jan. 31.....	22		
Arenac County.....	Nov. 1-Jan. 31.....	134		
Bay County.....	Nov. 1-Jan. 31.....	72		
Berrien County.....	Jan. 1-31.....	6		
Delta County.....	Dec. 1-31.....	1		
Emmet County.....	Nov. 1-Dec. 31.....	2		
Genesee County.....	Nov. 1-Jan. 31.....	189		
Gladwin County.....	Nov. 1-Jan. 31.....	8		
Gratiot County.....	Nov. 1-30.....	1		
Houghton County.....	Nov. 1-Jan. 31.....	46		
Ingham County.....	Dec. 1-Jan. 31.....	8		
Ionia County.....	Nov. 1-Jan. 31.....	39		
Iosco County.....	Dec. 1-31.....	1		
Kent County.....	Dec. 1-Jan. 31.....	4		
Keweenaw County.....	Jan. 1-31.....	1		
Lapeer County.....	Nov. 1-30.....	2		
Livingston County.....	Nov. 1-Jan. 31.....	18		
Marquette County.....	Nov. 1-30.....	1		
Mason County.....	Nov. 1-30.....	1		
Mecona County.....	Jan. 1-31.....	4		
Midland County.....	Dec. 1-Jan. 31.....	6		
Missaukee County.....	Jan. 1-31.....	15		
Montcalm County.....	Nov. 1-30.....	3		
Montgomery County.....	Dec. 1-31.....	32		
Oakland County.....	Jan. 1-31.....	1		
Oceana County.....	Jan. 1-31.....	1		
Ogemaw County.....	Jan. 1-31.....	5		
Ontonagon County.....	Nov. 1-30.....	2		
Osceola County.....	Dec. 1-Jan. 31.....	7		
Oscoda County.....	Jan. 1-31.....	2		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to March 4, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Michigan—Continued.</b>				
Otsego County.....	Dec. 1-31.....	1		
Presque Isle County.....	Dec. 1-Jan. 31.....	2		
Roscommon County.....	Jan. 1-31.....	6		
Saginaw County.....	Dec. 1-Jan. 1.....	29		
St. Clair County.....	Jan. 1-31.....	2		
Sanilac County.....	Nov. 1-30.....	2		
Shiawassee County.....	Dec. 1-Jan. 31.....	6		
Wayne County.....	Dec. 1-Jan. 31.....	6		
Total for State.....		713	1	
<b>Minnesota:</b>				
Becker County.....	Jan. 4-10.....	3		
Beltrami County.....	Dec. 21-Jan. 10.....	2		
Benton County.....	Dec. 14-20.....	7		
Blue Earth County.....	Dec. 21-27.....	1		
Carver County.....	Dec. 7-Jan. 3.....	4		
Chippewa County.....	Jan. 11-17.....	1		
Cook County.....	Jan. 25-31.....	2		
Dodge County.....	Jan. 25-31.....	1		
Freeborn County.....	Jan. 18-31.....	3		
Goodhue County.....	Dec. 28-Jan. 31.....	1		
Hennepin County.....	Dec. 28-Jan. 31.....	7		
Itasca County.....	Dec. 14-20.....	1		
Kandiyohi County.....	Dec. 7-13.....	1		
Lake County.....	Jan. 18-31.....	6		
Mower County.....	Dec. 28-Jan. 10.....	16		
Nobles County.....	Jan. 18-25.....	1		
Norman County.....	Jan. 18-25.....	2		
Ottertail County.....	Dec. 21-Jan. 25.....	14		
Polk County.....	Dec. 7-13.....	1		
Ramsey County.....	Jan. 11-17.....	2		
Red Lake County.....	Dec. 7-13.....	1		
Renville County.....	Dec. 7-13.....	1		
Rice County.....	Jan. 11-17.....	1		
Rock County.....	Dec. 7-Jan. 17.....	17		
Roseau County.....	Dec. 7-Jan. 31.....	14		
St. Louis County.....	Dec. 7-Jan. 31.....	15		
Sherburne County.....	Jan. 11-17.....	1		
Sibley County.....	Dec. 28-Jan. 25.....	6		
Todd County.....	Dec. 28-Jan. 31.....	1		
Wabasha County.....	Dec. 13-Jan. 31.....	16		
Watsonwan County.....	Dec. 28-Jan. 31.....	1		
Wright County.....	Dec. 7-Jan. 31.....	36		
Total for State.....		186		
<b>Mississippi:</b>				
Biloxi.....	Jan. 2-Feb. 3.....	5		
Gulfport.....	Jan. 26-Feb. 3.....	8		
Holly Springs.....	Jan. 2-29.....	6		
Marshall County.....	Jan. 30-Feb. 5.....	3		
Natchez.....	Dec. 26-Feb. 5.....	58	1	
Claiborne County— Port Gibson.....	Dec. 19-25.....	1		
Total for State.....		81	1	
<b>Missouri:</b>				
Andrew County.....	Jan. 23-29.....	3		
Joplin.....	Jan. 16-22.....	1		
Kansas City.....	Jan. 2-Feb. 12.....	15	1	
St. Joseph.....	Jan. 2-Feb. 5.....	7		
St. Louis.....	Dec. 26-Feb. 19.....	16		
Springfield.....	Jan. 1-31.....	4		
Total for State.....		46	1	
<b>Montana:</b>				
Beaverhead County.....	Dec. 1-Jan. 31.....	2		
Carbon County.....	Jan. 1-31.....	1		
Chouteau County.....	Jan. 1-31.....	6		
Dawson County.....	Nov. 1-Jan. 31.....	6		
Flathead County.....	Oct. 1-Nov. 30.....	6		
Gallatin County.....	Dec. 1-Jan. 31.....	2		
Jefferson County.....	Nov. 1-30.....	1		
Lewis and Clark County.....	Oct. 1-Jan. 31.....	6		
Madison County.....	Jan. 1-31.....	1		
Missoula County.....	Oct. 1-Jan. 31.....	70		



## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to March 4, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Montana—Continued.</b>				
Park County.....	Nov. 1-Jan. 31....	14		
Powell County.....	Nov. 1-30.....	1		
Ravalli County.....	Nov. 1-Dec. 31....	3		
Sanders County.....	Jan. 1-31.....	3		
Silver Bow County.....	Oct. 1-Jan. 31....	135		
Butte.....	Dec. 19-31.....	14		
Yellowstone County.....	Jan. 1-31.....	2		
Total for State.....		273		
<b>Nebraska:</b>				
South Omaha.....	Dec. 5-11.....	3		
Total for State.....		3		
<b>New Hampshire (entire State).</b>				
Jan. 1-Feb. 16....		4		
<b>New Jersey:</b>				
Passaic County.....	Jan. 1-31.....	1		
Trenton.....	Jan. 30-Feb. 5....	1		
Total for State.....		2		
<b>New York (entire State).</b>				
Sept. 1-Nov. 30...		33	1	
Cattaraugus County.....	Dec. 1-31.....	1		
Cayuga County.....	Dec. 1-31.....	1		
Erle County.....	Dec. 1-31.....	17		
Jefferson County.....	Dec. 1-31.....	1		
Lewis County.....	Dec. 1-Jan. 31....	2		
Niagara County.....	Dec. 1-Jan. 31....	40		
Oneida County.....	Dec. 1-Jan. 31....	2		
St. Lawrence County.....	Jan. 1-31.....	9		
Ulster County.....	Jan. 1-31.....	2		
Westchester County.....	Jan. 1-31.....	1		
Total for State.....		109	1	
<b>North Carolina:</b>				
Alamance County.....	Jan. 1-31.....	62		
Beaufort County.....	Jan. 1-31.....	7		
Bertie County.....	Jan. 1-31.....	6		
Bladen County.....	Nov. 1-Jan. 31....	21		
Burke County.....	Jan. 1-31.....	20		
Cabarrus County.....	Jan. 1-31.....	13		
Caldwell County.....	Jan. 1-31.....	9		
Carteret County.....	Jan. 1-31.....	1		
Catawba County.....	Oct. 1-Jan. 31....	35		
Chatham County.....	Jan. 1-31.....	2		
Chowan County.....	Oct. 1-Jan. 31....	14		
Cleveland County.....	Oct. 1-Jan. 31....	1		
Craven County.....	Nov. 1-Jan. 31....	6		
Currituck County.....	Oct. 1-Nov. 30....	4		
Davidson County.....	Oct. 1-Jan. 31....	30		
Davie County.....	Jan. 1-31.....	18		
Duplin County.....	Nov. 1-Jan. 31....	4		
Durham County.....	Jan. 1-31.....	3		
Edgecombe County.....	Jan. 1-31.....	23		
Forsyth County.....	Oct. 1-Jan. 31....	89		
Franklin County.....	Oct. 1-31.....	35		
Gaston County.....	Nov. 1-30.....	4		
Greene County.....	Nov. 1-30.....	40		
Guilford County.....	Nov. 1-Jan. 31....	71		
Iredell County.....	Jan. 1-31.....	4		
Johnston County.....	Nov. 1-Jan. 31....	23		
Jones County.....	Oct. 1-Nov. 30....	12		
Lenoir County.....	Jan. 1-31.....	31		
Lincoln County.....	Jan. 1-31.....	1		
McDowell County.....	Nov. 1-Jan. 31....	67		
Mecklenburg County.....	Nov. 1-31.....	73	1	
Nash County.....	Jan. 1-31.....	90		Nov. 1-30, many cases.
Onslow County.....	Jan. 1-31.....	5		
Pamlico County.....	Jan. 1-31.....			Several.
Perquimans County.....	Jan. 1-31.....	4		
Pitt County.....	Jan. 1-31.....	62		
Randolph County.....	Jan. 1-31.....	2		
Robeson County.....	Oct. 1-31.....	7		
Rockingham County.....	Nov. 1-31.....	26		
Rowan County.....	Nov. 1-Jan. 31....	7		
Rutherford County.....	Nov. 1-Jan. 31....	38		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to March 4, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>North Carolina—Continued.</b>				
Sampson County.....	Jan. 1-31.....	1		
Stokes County.....	Jan. 1-31.....	140		
Surry County.....	Oct. 1-Nov. 30.....	9		
Union County.....	Oct. 1-Jan. 31.....	62		
Wake County.....	Nov. 1-Jan. 31.....	33		
Wayne County.....	Nov. 1-30.....	8		
Wilkes County.....	Jan. 1-31.....	8		
Wilson County.....	Nov. 1-Jan. 31.....	199		
Yadkin County.....	Oct. 1-Jan. 31.....	7		
Yancey County.....	Oct. 1-Jan. 31.....	14		
Total for State.....		1,452	1	
<b>North Dakota:</b>				
Billings County.....	Jan. 1-31.....	4		
Bottineau County.....	Oct. 1-31.....	1		
Cass County.....	Dec. 1-31.....	1		
Grand Forks County.....	Jan. 1-31.....	1		
McLean County.....	Dec. 1-Jan. 31.....	4		
Walsh County.....	Jan. 1-31.....	39		
Total for State.....		50		
<b>Ohio:</b>				
Allen County.....	Jan. 1-31.....	15		
Adams County.....	Jan. 1-31.....	1		
Belmont County.....	Jan. 1-31.....	4		
Brown County.....	Jan. 1-31.....	18		
Clermont County.....	Jan. 1-31.....	1		
Cuyahoga County—				
Cleveland.....	Dec. 19-26.....	1		
Darke County.....	Jan. 1-31.....	3		
Franklin County.....	Jan. 1-31.....	1		
Hamilton County.....	Jan. 1-31.....	1		
Jackson County.....	Jan. 1-31.....	29		
Miami County.....	Jan. 1-31.....	1		
Montgomery County.....	Jan. 1-31.....	2		
Ross County.....	Jan. 1-31.....	16		
Shelby County.....	Jan. 1-31.....	6		
Van Wert County.....	Jan. 1-31.....	5		
Wayne County.....	Jan. 1-31.....	1		
Williams County—				
Stryker.....	Dec. 19-25.....	1		
Total for State.....		106		
<b>Oklahoma:</b>				
Beckham County.....	Nov. 1-30.....	1		
Blaine County.....	Dec. 1-31.....	7		
Coal County.....	Aug. 1-Sept. 30.....	10		
Comanche County.....	Nov. 1-30.....	1		
Creek County.....	Oct. 1-Nov. 30.....	3		
Garfield County.....	Nov. 1-30.....	1		
Grant County.....	Aug. 1-31.....	1		
Harmon County.....	Aug. 1-31.....	2		
Hughes County.....	Aug. 1-31.....	3		
Jackson County.....	Aug. 1-Nov. 30.....	19		
Kingsfisher County.....	Oct. 1-31.....	2		
La Flore County.....	Oct. 1-31.....	1		
Lincoln County.....	Aug. 1-31.....	3		
McIntosh County.....	Sept. 1-30.....	2		
Marshall County.....	Oct. 1-31.....	1		
Muskogee County.....	Oct. 1-31.....	1		
Okfuskee County.....	Oct. 1-31.....	1		
Oklahoma County.....	Aug., Sept., and Nov.....	11	1	
Osage County.....	Sept. 1-Oct. 31.....	9		
Pawnee County.....	Aug. 1-31.....	1		
Pottawatomie County.....	Sept. 1-Nov. 30.....	41		
Pushmataha County.....	Sept. 1-30.....	1		
Seminole County.....	Oct. 1-Nov. 30.....	2		
Sequoyah County.....	Aug. 1-Sept. 30.....	2		
Tulsa County.....	Nov. 1-30.....	3		
Washington County.....	Nov. 1-30.....	1		
Woodward County.....	Nov. 1-30.....	1		
Total for State.....		136	1	

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to March 4, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Oregon (entire State)</b> .....	Dec. 1-31.....	28		
Portland.....	Nov. 1-30.....	2		
Total for State.....		30		
<b>Pennsylvania (entire State)</b> .....	Dec. 1-Jan. 31.....	16		
<b>South Carolina:</b>				
Clover.....	Jan. 23-29.....	3		
Total for State.....		3		
<b>Tennessee:</b>				
Chattanooga.....	Dec. 26-Feb. 19.....	35		
Knoxville.....	Jan. 2-Feb. 19.....	29		
Memphis.....	Nov. 1-Feb. 19.....	129		
Dekalb County.....	Dec. 12-Jan. 1.....	9		
Washington County.....	Dec. 26-Feb. 5.....	11		
Total for State.....		213		
<b>Texas:</b>				
Amarillo.....	Jan. 16-22.....	16		
Atacosta County.....	Jan. 31-Feb. 6.....	4		
Denton County.....	Dec. 26-Feb. 5.....	77	10	
El Paso.....	Nov. 1-Jan. 22.....	5	1	
Fort Worth.....	Nov. 1-Jan. 31.....	32	2	
Galveston.....	Feb. 6-12.....	2		
Hale County.....	Jan. 9-15.....	7		
Rockdale.....	Feb. 13-19.....	3		
San Antonio.....	Dec. 5-Feb. 12.....	16	1	
Waco.....	Jan. 1-31.....	1		
Walnut Springs.....	Jan. 12-18.....	2		
Wills Point.....	Jan. 1-31.....	2	1	
Total for State.....		167	15	
<b>Utah:</b>				
Boxelder County.....	Dec. 1-Jan. 31.....	46		
Cache County.....	Dec. 1-Jan. 31.....	21		
Carbon County.....	Dec. 1-Jan. 31.....	6		
Davis County.....	Dec. 1-Jan. 31.....	28		
Juab County.....	Jan. 1-31.....	16		
Plute County.....	Dec. 1-31.....	1		
Rich County.....	Jan. 1-31.....	1		
Salt Lake County.....	Dec. 1-Jan. 31.....	68		
Sanpete County.....	Dec. 1-Jan. 31.....	9		
Sevier County.....	Dec. 1-Jan. 31.....	3		
Summit County.....	Jan. 1-31.....	12		
Toelle County.....	Dec. 1-31.....	1		
Uintah County.....	Dec. 1-Jan. 31.....	21		
Utah County.....	Dec. 1-Jan. 31.....	69		
Wasatch County.....	Dec. 1-Jan. 31.....	7	1	
Weber County.....	Dec. 1-Jan. 31.....	28		
Total for State.....		337	1	
<b>Virginia:</b>				
Lynchburg.....	Jan. 30-Feb. 19.....	19		
Petersburg.....	Dec. 26-Jan. 26.....	2		
Portsmouth.....	Jan. 16-29.....	2		
Richmond.....	Dec. 1-31.....	1		
Total for State.....		24		
<b>Washington:</b>				
Kitsap County.....	Jan. 1-31.....	1		
Seattle.....	Jan. 2-22.....	6		
Spokane.....	Dec. 19-Jan. 29.....	22		
Tacoma.....	Jan. 2-8.....	1		
Wahkeakum County.....	Dec. 1-31.....	8		
Total for State.....		38		
<b>West Virginia:</b>				
Wheeling.....	Jan. 30-Feb. 5.....	1		
Total for State.....		1		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to March 4, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Wisconsin:</b>				
Chippewa County.....	Jan. 1-31.....	3		
Clark County.....	Jan. 1-31.....	10		
Douglas County.....	Jan. 1-31.....	4		
Superior.....	Dec. 19-Jan. 1.....	6		
Jefferson County.....	Jan. 1-31.....	6		
Juneau County.....	Jan. 1-31.....	1		
La Crosse County.....	Jan. 1-31.....	9		
La Crosse.....	Dec. 19-Jan. 1.....	2		
Langlade County.....	Jan. 1-31.....	2		
Milwaukee County.....	Jan. 1-31.....	2		
Milwaukee.....	Dec. 19-Jan. 1.....	2		
Winnebago County.....	Jan. 1-31.....	2		
Total for State.....		49		
Grand total for the United States.....		6,465	25	

## MORBIDITY AND MORTALITY.

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

[For smallpox see special tables.]

Cities.	Week ended—	Estimated population, 1909.	Total deaths from all causes.	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.
Altoona, Pa.....	Feb. 26	50,814	17	2								2			
Ann Arbor, Mich.....	Feb. 19	14,711	11		1									1	
Do.....	Feb. 26		13					1							
Ashtabula, Ohio.....	do.	16,648	4		1										
Baltimore, Md.....	do.	576,023	221	190	28	3	5	29	1	18		31	1	33	2
Bath, Me.....	do.	12,055													
Bayonne, N. J.....	do.	49,894						4		3		3			
Beaver Falls, Pa.....	do.	10,341						1							
Biddeford, Me.....	do.	17,676													
Binghamton, N. Y.....	do.	45,855	29		3			3	1						
Boston, Mass.....	do.	622,970	262	72	21	7		42	1	61	8	65	5	12	1
Boulder, Colo.....	do.		5					3							
Braddock, Pa.....	Feb. 19	21,000	6	6	1	2			1						
Bridgeport, Conn.....	do.	90,913	35	2	5			34	2	8	1	2		1	
Brockton, Mass.....	Feb. 26	53,978	17	1	2			4							
Butte, Mont.....	Feb. 5	49,892	12		3			3	1						
Do.....	Feb. 12		11		2			3		3					
Do.....	Feb. 19		6					5							
Cambridge, Mass.....	Feb. 26	101,872	28	3	3			5		10		4			
Cambridge, Ohio.....	do.	11,733	2									37			
Camden, N. J.....	do.	89,305	26	1	2			3		5					
Canton, Ohio.....	do.	40,037	12		1					2					
Carbondale, Pa.....	do.	15,698	4			1						6			
Charlotte, N. C.....	Feb. 19	35,101	10		1					1		20			
Do.....	Feb. 26		11		1							8			
Chattanooga, Tenn.....	Feb. 19	34,654								1					
Chelsea, Mass.....	Feb. 26	39,862	18	1	1		1	3		2		2			
Chicago, Ill.....	do.	2,224,491	757	67	97	20	2	158	9	115	17	225	5	62	4
Chicopee, Mass.....	do.	20,010	6	2	1	1						11			
Cincinnati, Ohio.....	do.	351,212	21	25	5		5		99		10				
Cleveland, Ohio.....	Feb. 25	508,938	194	30	24	7	3	8	1	14	1	214	2		
Clinton, Mass.....	Feb. 26	12,656	2							3					
Coffeyville, Kans.....	Feb. 19		5	1	1							15			
Columbus, Ga.....	Feb. 26	17,893	10		2		1								
Concord, N. H.....	Feb. 19	21,997	10		2			1		1		9			
Do.....	Feb. 26	21,997	5									4			
Covington, Ky.....	do.	51,715	23	1	7									3	
Danville, Ill.....	do.	27,387	12							1				20	2
Dayton, Ohio.....	do.	106,688	30	3	4	1	5					48	1		

## MORBIDITY AND MORTALITY—Continued.

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

Cities.	Week ended—	Esti- mated population, 1909.	Total deaths from all causes.	Tuber- culosis.		Ty- phoid fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Detroit, Mich.	Feb. 19	384,855	139				1	34	3	11	1				
Do.	Feb. 26		145				1	28	3	16	6				
Duluth, Minn.	Feb. 19	74,520	20	3	3			37		4		5			
Dunkirk, N. Y.	Feb. 26	18,061	5			1		2	2	1		20	1		
East Weymouth, Mass.	do.	11,793	6												
Evansville, Ind.	do.	66,948	34		3	2		2		2		6			
Erie, Pa.	do.	63,652	22	8	1	6	1	5	1	1		2			
Everett, Mass.	do.	32,931	6	2				1		2		2		2	
Freeport, Ill.	do.	19,200	4							1					
Galesburg, Ill.	do.	21,615	3												
Gloucester, Mass.	do.	25,922	8												
Harrison, N. J.	do.	14,604	3					1							
Hartford, Conn.	Feb. 19	103,808	37	2	3							4			
Haverhill, Mass.	Feb. 26	38,354	11	2	1			4		8		3			
Homestead, Pa.	Feb. 22	17,145	11			1		3		4		7			
Hyde Park, Mass.	Feb. 26	15,522	5			2									
Indianapolis, Ind.	Feb. 19	241,826	74	1	4	1	1	11		9	1	292	4		
Jersey City, N. J.	Feb. 20	253,711	85	6	1			34	1	6	3	69		1	
Johnstown, Pa.	Feb. 26	46,520	18	1				5				1			
Kalamazoo, Mich.	do.	36,504	10					11				1			
Kansas City, Kans.	Feb. 19		30	3	4			3		8		57			
Kearny, N. J.	Feb. 26	15,765	8	1				1		2		5			
Knoxville, Tenn.	Feb. 19	37,758	7	3								5			
Do.	Feb. 26		13		5			21				2			
Lackawanna, N. Y.	Feb. 12		6					2				43			
Do.	Feb. 19		5							1		25	2		
La Fayette, Ind.	Feb. 26	19,801	9			1				2		3			
Lebanon, Pa.	do.	20,295												6	
Los Angeles, Cal.	Feb. 12	a 103,000	104	15	23	1	1	14		6		710		4	1
Do.	Feb. 19		107	18	30	2	2	10		2		809			
Lowell, Mass.	Feb. 26	95,125	59	1	3		1	2		2		82	1		
Lynchburg, Va.	Feb. 19	29,457												1	
Malden, Mass.	do.	41,535	13	1				3	1						
Manchester, N. H.	Feb. 26	68,561	28	3	3	2				6		3			
Manistee, Mich.	Feb. 5	10,788						1		1					
Do.	Feb. 12							4		1					
Do.	Feb. 19					1				2					
Do.	Feb. 26					1	1	2							
Manitowoc, Wis.	do.	13,490	5					3							
Mansfield, Ohio	do.	21,390								1		15		1	
Marquette, Wis.	do.	14,082	4					1							
Marlboro, Mass.	Feb. 19	14,444	3					2				53			
Do.	Feb. 26		3	i		2		4				76			
Medford, Mass.	do.	20,839	10		1					2		4			
Melrose, Mass.	Feb. 19	15,361	6												
Memphis, Tenn.	do.	136,363	44	2	7			3		1					
Milwaukee, Wis.	do.	332,495	98	23	11	27	1	35		10	2	36	2	18	
Mobile, Ala.	do.	45,122	24	2	7			1		1					
Monticello, Ind.	Feb. 26							1				4			
Montclair, N. J.	do.	18,296	5					3		1		10	1		
Montgomery, Ala.	Feb. 19	43,927	26	1	2										
Mount Vernon, N. Y.	Feb. 26	27,891	12		1			1		1		7			
Muskegon, Mich.	do.	20,995						2		2		1			
Nanticoke, Pa.	Feb. 27		5							1		2			
Nebraska City, Nebr.	Feb. 26		2									12			
New Bedford, Mass.	do.	83,898	36	3	4			4				31			1
Newburyport, Mass.	do.	14,832	3	1		1						3			
New Orleans, La.	Feb. 19	327,662	178	36	22	9	2	31	1	21	1	46			
Newport, Ky.	Feb. 26	31,345	17		3										
New York City, N. Y.	do.	4,450,963	1,633	731	167	34	7	641	40	379	44	1,226	22	22	3
Norristown, Pa.	do.	24,491	10			4				2					
North Adams, Mass.	do.	20,510	8	4				2							
Northampton, Mass.	do.	21,008	10					1						1	
Orange, N. J.	do.	27,669	7	2	1			8		1		25			
Ottumwa, Iowa	Feb. 19	21,648	10												
Palmer, Mass.	Feb. 26		4		1			3	1	3					
Peekskill, N. Y.	do.	15,473	3					2				4			
Perth Amboy, N. J.	Feb. 5	32,451	10	1	1			5		2	1				
Do.	Feb. 12		7												
Do.	Feb. 19		8					1	1						

a Population 1900. No estimate 1905.

## MORBIDITY AND MORTALITY—Continued.

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

Cities.	Week ended—	Esti- mated popula- tion, 1909.	Total deaths from all causes.	Tuber- culosis.		Ty- phoid fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Philadelphia, Pa.	Feb. 26	1,491,082	.....	82	65	29	7	49	7	76	13	50	...	12	4
Pittsburg, Pa.	Feb. 19	558,123	201	31	14	10	3	12	1	3	179	6	23	3	...
Pittsfield, Mass.	do.	27,589	8	3	3	...	...	...	...	2	1	...	...	...	...
Do.	Feb. 26	...	3	...	...	...	...	1	...	1	...	...	...	...	...
Plainfield, N. J.	do.	20,947	6	2	...	...	...	4	...	...	...	...	...	...	...
Plymouth, Pa.	do.	17,524	1	1	...	...	...	...	...	1	1	...	...	...	...
Portsmouth, N. H.	do.	11,336	...	...	...	...	...	...	...	4	1	...	...	...	...
Portsmouth, Va.	Feb. 19	19,225	8	...	...	...	...	...	...	1	1	...	...	...	...
Do.	Feb. 26	...	13	...	2	...	...	1	...	1	1	...	...	...	...
Pottstown, Pa.	do.	14,065	7	...	...	...	...	...	...	...	...	...	...	...	...
Providence, R. I.	do.	217,065	102	...	7	5	...	15	4	6	1	37	5	...	...
Racine, Wis.	do.	34,840	11	...	...	...	...	...	...	...	...	...	...	...	...
Reading, Pa.	Feb. 28	97,231	24	12	3	...	...	2	...	3	...	56	...	...	...
Rochester, N. H.	Feb. 19	9,429	1	...	...	...	...	...	...	...	...	...	...	...	...
Sacramento, Cal.	do.	31,889	19	...	4	...	...	...	...	1	...	13	1	...	...
Saginaw, Mich.	Feb. 12	51,941	15	...	...	...	...	...	...	...	...	...	...	...	...
St. Joseph, Mo.	Feb. 5	125,504	16	1	1	...	...	...	...	...	...	...	...	...	...
St. Louis, Mo.	Feb. 19	686,369	254	47	26	5	2	67	57	36	5	23	...	23	1
Do.	Feb. 26	...	259	49	25	8	...	...	6	43	6	23	1	36	1
Sandusky, Ohio.	do.	20,737	6	...	...	...	...	...	...	...	...	...	...	...	...
San Francisco, Cal.	Feb. 12	342,782	30	9	7	1	21	...	...	18	2	23	...	11	2
San Jose, Cal.	Feb. 19	24,596	16	2	...	...	...	...	...	...	...	...	...	...	...
Saratoga Springs, N. Y.	do.	13,471	6	1	1	...	...	...	1	1	...	1	...	...	...
Schenectady, N. Y.	do.	73,037	11	3	2	...	2	...	4	...	...	107	1	...	...
Seattle, Wash.	Feb. 12	104,169	42	2	5	...	25	...	10	1	...	39	...	...	...
Do.	Feb. 19	...	49	2	5	4	...	2	...	...	...	27	7	...	...
Somerville, Mass.	Feb. 26	75,375	22	5	1	1	...	3	...	11	2	1	...	...	...
South Bend, Ind.	Feb. 19	49,321	9	...	...	...	...	2	...	...	...	...	...	...	...
Do.	Feb. 26	...	13	3	3	...	...	...	...	8	...	...	...	...	...
South Bethlehem, Pa.	do.	15,886	4	2	...	...	...	...	...	1	1	2	...	...	...
Springfield, Mass.	do.	82,724	26	3	...	...	1	...	6	...	...	51	...	...	...
Springfield, Ohio	do.	43,975	9	2	4	...	...	...	2	...	...	8	...	...	...
Steeltown, Pa.	do.	14,769	8	2	2	...	...	...	4	2	...	4	...	2	...
Superior, Wis.	Feb. 19	40,919	2	...	...	...	5	...	...	...	...	...	...	...	...
Taunton, Mass.	Feb. 26	30,926	15	2	1	...	...	...	...	...	...	2	...	...	...
Terre Haute, Ind.	do.	55,509	15	3	2	...	...	...	2	...	...	36	...	...	...
Titusville, Pa.	do.	8,397	1	...	...	...	...	...	...	...	...	...	...	...	...
Trenton, N. J.	do.	92,878	8	3	5	6	1	31	1	5	1	...	...	...	...
Utica, N. Y.	do.	69,458	27	1	...	...	2	...	...	...	...	21	...	...	...
Waltham, Mass.	do.	28,522	16	...	...	...	...	...	...	4	...	2	...	...	...
Warren, Pa.	Feb. 21	11,838	2	1	...	...	...	...	...	...	...	26	2	...	...
Washington, D. C.	Feb. 19	322,212	135	21	15	6	...	72	...	4	...	4	...	7	...
West Newton, Mass.	Feb. 26	39,419	10	1	...	...	3	...	...	...	...	2	...	...	...
Wilkinsburg, Pa.	do.	19,999	4	1	...	...	...	...	...	...	...	...	...	3	...
Wilmington, Del.	do.	88,980	34	...	...	...	...	...	...	...	...	...	...	...	1
Woburn, Mass.	do.	14,520	7	...	1	...	...	...	...	...	...	3	...	...	...
Worcester, Mass.	Feb. 19	135,906	40	6	2	...	1	8	1	7	2	12	1	...	...
Yonkers, N. Y.	Feb. 26	72,200	22	5	2	10	...	9	...	7	2	3	...	...	...
York, Pa.	do.	41,895	2	...	...	...	3	...	...	...	...	9	...	...	...
Zanesville, Ohio.	do.	25,614	10	1	1	...	...	...	...	1	...	...	...	...	...

\* Estimated population, 1906. No estimate 1909.

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

CALIFORNIA.—Month of December, 1909. Population, 2,037,929. Total number of deaths from all causes, 2,980, including typhoid fever 52, measles 9, scarlet fever 5, diphtheria 25, tuberculosis 421.

Sacramento.—Month of January, 1910. Population, 55,000. Total number of deaths from all causes, 57, including typhoid fever 1, tuberculosis 7. Cases reported: Typhoid fever 2, smallpox 48, measles 58, scarlet fever 2, diphtheria 6.

*Stockton*.—Month of January, 1910. Population, 25,000. Total number of deaths from all causes, 27, including tuberculosis 5. Cases reported: Scarlet fever 1, tuberculosis 5.

CONNECTICUT—*Bridgeport*.—Month of January, 1910. Population, 100,000. Total number of deaths from all causes, 138, including scarlet fever 6, diphtheria 2, tuberculosis 24. Cases reported: Typhoid fever 3, measles 6, scarlet fever 102, diphtheria 13, tuberculosis (pulmonary) 11.

*Stamford*.—Month of February, 1910. Population, 15,997. Number of deaths not reported. Cases reported: Measles 2, scarlet fever 12, diphtheria 4, tuberculosis 3.

FLORIDA.—Reports from the state board of health for the week ended February 19, 1910, show typhoid fever present at 3 places with 5 cases, smallpox in 2 counties (Columbia and Escambia) with 12 cases, scarlet fever in 1 place (Jacksonville) with 1 case, diphtheria in 3 places with 4 cases, tuberculosis in 1 place (Jacksonville) with 4 cases.

ILLINOIS—*Peoria*.—Month of January, 1910. Population 86,000. Total number of deaths from all causes 98, including typhoid fever 5, tuberculosis 4. Cases reported: Smallpox 4, scarlet fever 6, diphtheria 7.

IOWA—*Sioux City*.—Month of January, 1910. Population 33,111. Total number of deaths from all causes not reported. One death from diphtheria. Cases reported: Smallpox 2, scarlet fever 12, diphtheria 9.

MAINE—*Portland*.—Four weeks ended February 5, 1910. Population 62,000. Total number of deaths from all causes 104, including typhoid fever 3, diphtheria 3, tuberculosis 8. Cases reported: Typhoid fever 6, scarlet fever 9, diphtheria 20.

MARYLAND—*Baltimore*.—Month of January, 1910. Population 589,000. Total number of deaths from all causes 1,067, including typhoid fever 7, measles 1, scarlet fever 6, diphtheria 10, tuberculosis 113. Cases reported: Typhoid fever 39, measles 86, scarlet fever 95, diphtheria 68, tuberculosis (pulmonary) 281.

*Hagerstown*.—Month of January, 1910. Population 13,591. Total number of deaths from all causes 74, including typhoid fever 1. Cases reported: Typhoid fever 4, scarlet fever 5, measles 12, diphtheria 1.

MONTANA.—Month of December, 1909. Population 243,329. Total number of deaths from all causes 316, including typhoid fever 6, scarlet fever 1, diphtheria 12, tuberculosis 24. Cases reported: Typhoid fever 18, smallpox 89, measles 25, scarlet fever 41, diphtheria 55.

Month of January, 1910. Total number of deaths from all causes 359, including typhoid fever 3, scarlet fever 5, diphtheria 10, tuberculosis 37. Cases reported: Typhoid fever 33, smallpox 122, measles 44, scarlet fever 71, diphtheria 63.

NEW JERSEY.—Month of February, 1910. Population 1,883,699. Total number of deaths from all causes 3,795, including typhoid fever 17, measles 32, scarlet fever 23, diphtheria 65, tuberculosis 433.

PENNSYLVANIA.—Month of January, 1910. Total number of cases of communicable disease reported, 16,948, as follows: Typhoid fever 825, smallpox 14, measles 7,523, scarlet fever 1,653, diphtheria 1,201, tuberculosis 1,046.

TEXAS—*El Paso*.—Month of January, 1910. Population, 50,000. Total number of deaths from all causes, 101, including diphtheria 2, tuberculosis 19. Cases reported: Typhoid fever 4, smallpox 4, measles 44, diphtheria 3.

UTAH.—Month of December, 1909. Population, 346,873. Total number of deaths from all causes, 343, including typhoid fever 12, scarlet fever 17, diphtheria 5, tuberculosis 15. Cases reported: Typhoid fever 71, smallpox 156, measles 23, scarlet fever 389, diphtheria 51, tuberculosis 21 (incomplete).

Month of January, 1910. Total number of deaths from all causes, 341, including typhoid fever 3, smallpox 1, scarlet fever 11, diphtheria 4, tuberculosis 8. Cases reported: Typhoid fever 46, smallpox 181, measles 26, scarlet fever 338, diphtheria 50, tuberculosis 5, (incomplete).

VIRGINIA—*Petersburg*.—Month ended February 26, 1910. Population, 30,000. Total number of deaths from all causes, 61, including typhoid fever 3, tuberculosis 10.



# FOREIGN AND INSULAR.

## CHINA.

### HONGKONG—Examination of Emigrants—Inspection of Vessels.

Acting Assistant Surgeon Hough reports, January 21 and 26:  
Restrictions enforced by and against Hongkong remain as reported January 8.

*Aliens for Honolulu and Pacific coast ports.*—Week ended January 15. Examined, 193; rejected, 88. Week ended January 22. Examined and rejected, 0.

*Aliens for Philippine Islands.*—Week ended January 15. Examined, 29; rejected, 8. Week ended January 22. Examined, 11; rejected, 2.

#### INSPECTION AND DISINFECTION OF VESSELS.

##### *Week ended January 15.*

Vessels granted bills of health.....	9
Total members of crews.....	743
Total cabin passengers.....	113
Total steerage passengers.....	323
Members of crew bathed.....	353
Steerage passengers bathed.....	309
Pieces of baggage disinfected.....	862
Vessels disinfected to kill rats.....	1
Crews' quarters disinfected:	
With formaldehyde.....	6
With sulphur.....	1

##### *Week ended January 22.*

Vessels granted bills of health.....	7
Total members of crews.....	485
Total cabin passengers.....	64
Total steerage passengers.....	29
Members of crew bathed.....	361
Steerage passengers bathed.....	28
Pieces of baggage disinfected.....	369
Vessels disinfected to kill rats.....	1
Crews' quarters disinfected:	
With formaldehyde.....	5
With sulphur.....	1

### SHANGHAI—Inspection of Vessels.

Acting Assistant Surgeon Ransom reports, January 19:  
Week ended January 15. Bills of health issued to 7 vessels having an aggregate personnel of 3,187. Three vessels having 57 in crews were inspected; persons bathed, 16; pieces of baggage disinfected with steam, 31.

## CUBA.

## CIENFUEGOS—Inspection of Vessels.

Acting Assistant Surgeon Suarez reports, February 21:  
 Week ended February 19. Vessels inspected, 6. Bills of health issued, 6. Members of crews of outgoing vessels inspected, 157.  
 No quarantinable disease reported.

## HABANA—Inspection of Vessels—Status of Leprosy.

Acting Assistant Surgeon Villoldo reports, March 1:  
 Week ended February 26. Bills of health issued, 25; vessels inspected, 21; members of crews of outgoing vessels inspected, 1,523; passengers of outgoing vessels inspected, 1,759; certificates of inspection of hides issued, 3.

The department of sanitation reports 19,754 houses inspected and 8,132 water deposits petrolled or suppressed during the period from February 11 to 19.

From January 21 to 31, 5 cases of leprosy with 1 death and 327 cases remaining under treatment were reported for the island of Cuba.

## SANTIAGO—Inspection of Vessels.

Acting Assistant Surgeon Wilson reports, February 25:  
 Week ended February 19. Bills of health issued to 6 vessels bound for the United States.  
 The department of sanitation reports 2,911 houses inspected.

## ECUADOR.

## GUAYAQUIL—Plague, Smallpox, and Yellow Fever—Sanitary Work.

Passed Assistant Surgeon Parker reports, February 3:  
 The following information was received from the director of public health:

*Two weeks ended January 31.*

Disease.	Locality.	Pre-viously reported.	New cases.	Cured.	Died.	Remain-ing.
Plague.....	Guayaquil.....	27	28	21	14	20
Yellow fever.....	do.....	5	31	17	8	11
Smallpox.....	do.....	2	1	2	.....	1
Plague.....	Milagro.....	3	6	4	2	3
Do.....	Babahoyo.....	3	1	.....	2	2
Yellow fever.....	do.....	3	.....	3	.....	.....

The total number of deaths from all causes in Guayaquil was 173, an increase of 20 over the number for the corresponding period of the past year. Estimated population, 70,000.

During the week ended January 31, 57 houses were fumigated and 179 disinfected, 61 premises were cleaned, 70 barges fumigated, 43 blocks poisoned against rats, and 1,435 rats destroyed. The heavy rains have commenced and pools of water collect in the streets in all parts of the town, but the greater number of these pools are oiled

daily to prevent the breeding of mosquitoes. *Stegomyia calopus* are abundant.

*Inspection and fumigation of vessels.*—Week ended February 5. Bills of health issued 3, vessels fumigated 2, members of crews inspected 171, steerage passengers inspected 45, pieces of baggage fumigated 91, pieces of baggage inspected and passed 80, certificates for hides issued 2, passengers recommended for rejection for trachoma 4.

## HAWAII.

### HONOLULU—Plague-prevention Work.

Passed Assistant Surgeon Ramus reports, February 7 and 14:

The last case of human plague occurred at Honolulu July 17, 1907. The last plague-infected rat was found at Aiea, 9 miles from Honolulu, August 22, 1907.

*Week ended February 5, 1910.*

Total rats taken.....	361
Trapped.....	336
Found dead.....	0
Shot from trees.....	25
Examined bacteriologically.....	273
Plague rats.....	0
Classification of rats trapped:	
<i>Mus alexandrinus</i> .....	38
<i>Mus musculus</i> .....	143
<i>Mus norvegicus</i> .....	35
<i>Mus rattus</i> .....	120
Classification of rats shot from trees:	
<i>Mus alexandrinus</i> .....	4
<i>Mus rattus</i> .....	13
Average number of traps set daily.....	1, 294

*Week ended February 12, 1910.*

Total rats taken.....	467
Trapped.....	466
Found dead ( <i>mus rattus</i> ).....	1
Examined bacteriologically.....	342
Plague rats.....	0
Classification of rats trapped:	
<i>Mus alexandrinus</i> .....	67
<i>Mus musculus</i> .....	162
<i>Mus norvegicus</i> .....	55
<i>Mus rattus</i> .....	182
Average number of traps set daily.....	1, 338

### Smallpox on U. S. S. Washington and steamship Makura.

Doctor Ramus reports, February 12:

The U. S. S. *Washington* arrived at Honolulu January 31. A wireless message from the vessel was received several hours earlier, giving information of smallpox on board. Immediately on arrival the vessel was taken to the quarantine wharf and the 2 cases of smallpox and 2 men of the hospital corps were removed to the quarantine station. All precautions required by the quarantine laws and regulations had previously been taken on board from the time the men became sick. It was therefore deemed unnecessary to impose further measures than to hold the ship and personnel in quarantine until February 3.

One of the smallpox patients died shortly after removal to the quarantine station. He had been unsuccessfully vaccinated about 18 months previously. The man had shore leave at Yokohama January 11 and 12. The fleet left Shanghai December 30 and arrived at Yokohama January 3. The man first reported sick January 22. The second case fell sick January 22. The patient had had liberty at Yokohama from January 13 to 16.

The steamship *Makura* arrived from Sydney, Brisbane, and Suva February 3 with a case of smallpox on board. The patient was a child 3 years old, who had been vaccinated more than one year previously. She became sick when 2 days out from Brisbane, and the case ran a typical smallpox course, convalescence being well advanced on arrival at Honolulu. The Brisbane bill of health was clean. The patient came from the vicinity of Brisbane. No proper precautions had been taken on the vessel, and it was deemed necessary to enforce the quarantine regulations in regard to passengers for Honolulu who had been exposed to infection. Fifty-two passengers and 7 steerage passengers are now in quarantine detention.

#### INDIA.

##### BOMBAY—Increase in Plague and Smallpox.

Consul Dennison reports, January 27:

Week ended January 25. There was an alarming increase in mortality from plague and smallpox in Bombay. The sanitary report shows 82 cases of smallpox, with 30 deaths, as against 17 cases for the week ended January 18, and 10 in the corresponding week of 1909. Of these cases 27 were imported, 25 having been landed from the Jiddah pilgrim ships. These pilgrim ships arrive in Bombay in a most filthy and insanitary condition, a large percentage of their passengers having died at sea and others being often infected with contagious diseases. This being the season for returning pilgrims, there is every reason to fear that with these infected persons and contacts steadily pouring into the city there will be an epidemic.

In the same week plague deaths rose to 28, as against 19 in the previous week and 16 in the corresponding week of 1909. The percentage of plague-infected rats caught is also rising.

The total mortality during the week amounted to 701, as compared with 600 in the same week last year, which is 108 above the figure for the week ended January 11, and only 60 below the mean of the last five years. The death rate has risen suddenly to 37.27 per thousand.

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

Acting Assistant Surgeon Allan reports, February 3:

Week ended January 22. At Calcutta there were 87 deaths from cholera, 8 from plague, and 1 death from smallpox. In all Bengal, 1,401 cases of plague with 1,222 deaths; in all India, 12,405 cases of plague with 10,928 deaths.

## ITALY.

## NAPLES—Smallpox—Examination of Emigrants.

Surgeon Geddings reports, February 14:

*Vessels inspected at Naples and Palermo, week ended February 12.*

## NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Feb. 9	Madonna.....	New York.....	486	45	580
9	Romanic.....	Boston.....	553	80	860
11	America.....	New York.....	593	40	750
11	Virginia.....	do.....	632	45	520
12	San Giovanni.....	do.....	572	22	460
	Total.....		2,836	232	3,170

## PALERMO.

Feb. 10	Madonna.....	New York.....	281	500	100
---------	--------------	---------------	-----	-----	-----

*Rejections recommended.*

## NAPLES.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Other causes.	Total.
Feb. 9	Madonna.....	9	1	3	1	14
9	Romanic.....	5	1	3	8	17
11	America.....	19	1	3	3	26
11	Virginia.....	15	3	6	8	32
12	San Giovanni.....	2	.....	4	3	9
	Total.....	50	6	19	23	98

## PALERMO.

Feb. 10	Madonna.....	23	.....	16	6	45
---------	--------------	----	-------	----	---	----

*Smallpox in Naples.*—During the week ended February 13, 28 cases of smallpox with 6 deaths were reported at the health office of the city of Naples.

## JAPAN.

## YOKOHAMA—Plague in Japan—Inspection of Vessels.

Surgeon Irwin reports, February 7:

Week ended February 5. Two fatal cases of plague were reported in the prefecture of Hiogo ken, and 1 case in the island of Shikoku.

One vessel destined for Manila, having a crew of 110, and 11 cabin and 7 steerage passengers, was inspected.

## MEXICO.

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

In compliance with articles 1 and 2 of the International Sanitary Convention held at Washington, October 9-14, 1905, the President of the Superior Board of Health of Mexico reports, February 28, that no case of yellow fever and no death from the said disease were registered in the Mexican Republic during the week ended February 26, and that the prophylactic measures reported under date of September 28, 1908, continue to be carried out.

## COATZACOALCOS—Inspection of Vessels.

Acting Assistant Surgeon Thompson reports, February 24:

Week ended February 23. Vessels inspected: February 19, steamships *Oregonian* for Delaware Breakwater, *Cayo Largo* for a port in the United States via Mexican ports, *Cristobal* for Port Arthur and *Median* for a port in the United States via Mexican ports.

## PERU.

## CALLAO—Status of Plague—Cerebro-spinal Meningitis—Fumigation of Vessels.

Acting Assistant Surgeon Castro-Gutierrez reports, January 18 and 25 and February 17:

The following statement of plague in Peru has been received from the department of health:

Locality.	Cases December 10, 1909.	New.	Recovered.	Died.	Remaining December 16.
Department of:					
Arequipa.....		1			1
Lambeyque.....	7	10	7	3	7
Libertad.....	19	7	6		20
Lima.....	5	1	1	1	4

From January 28 to February 11, 3 cases of plague occurred at Callao, all in the vicinity of the central railway station.

*Cerebro-spinal meningitis.*—Several cases of epidemic cerebro-spinal meningitis have appeared at Callao and Lima. With one exception the cases occurred in the same company of the regular army. The sanitary authorities have instituted measures to check the spread of the disease. The origin of the outbreak has not been determined, but there is reason to believe that the disease has long existed in Peru and has not been recognized until the present time. Many similar cases have been diagnosed as tuberculous meningitis or severe typhoid fever, and in one such case bacteriologic examination showed the presence of the diplococcus of Weichelselbaum.

*Fumigation of vessels.*—Week ended January 15: Three steamships, with an aggregate of 208 in crews and 99 cabin and 41 steerage passengers, were fumigated; week ended January 22, one steamship, with 112 in crew and 66 cabin and 17 steerage passengers, fumigated; week ended February 5, two steamships, with 147 in crews and 32 cabin and 7 steerage passengers, fumigated.

(Report for week ended January 29 was published in Public Health Reports, February 25, 1910.)

## RUSSIA.

## Plague and Typhus Fever—Examination of Emigrants.

The following information, dated February 9, was received from Minister Rockhill at St. Petersburg through the Department of State, February 28:

A communication from the foreign office states that from January 17 to 25, 13 cases of plague, with 11 deaths, occurred in the village of Naourzali-Tchagil, Kirghiz Steppe, government of Astrakhan, and that the first maritime district of the Kirghiz Steppe is infected.

Acting Assistant Surgeon De Forest at Libau reports, February 14: Week ended February 13. At Astrakhan, 1 case of plague with 3 deaths was reported. At Riga 197 cases of typhus fever were reported February 1 and 14 new cases February 11, with 207 cases under treatment in hospital. Precautions against spread of the disease are being strictly enforced.

For steamship *Estonia*, sailing for New York February 15, 714 emigrants have been examined and 120 pieces of baggage disinfected.

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

## Reports Received During Week Ended March 11, 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.
India:				
Calcutta.....	Jan. 16-22.....	.....	87	
Rangoon.....	Jan. 16-22.....	.....	1	

## YELLOW FEVER.

Brazil:				
Manaos.....	Jan. 23-Feb. 5.....	.....	9	
Para.....	Feb. 6-12.....	6	4	

## PLAGUE.

Japan:				
Shikoku Island.....	Jan. 30-Feb. 5.....	1	.....	
Peru:				
Arequipa, department.....	Dec. 10-16.....	1	.....	
Callao, department—				
Callao.....	Jan. 17-25.....	3	.....	
Lambayeque, department..	Dec. 10-16.....	10	3	
Libertad, department.....	Dec. 10-16.....	7	.....	
Lima, department.....	Dec. 10-16.....	1	1	
Russia:				
Astrakhan, government—				
Naourzali-Tchagil.....	Jan. 17-25.....	13	11	
Turkey in Asia:				
Jiddah.....	Feb. 3.....	1	1	

## SMALLPOX.

Algeria:				
Bona.....	Jan. 1-31.....	.....	2	
Austria:				
Galicia.....	Jan. 23-29.....	2	.....	
Silesia.....	Jan. 23-29.....	1	.....	
China:				
Canton.....	Jan. 2-15.....	15	.....	
Hankow.....	Jan. 16-22.....	.....	.....	Present.

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

Reports Received During Week Ended March 11, 1910.

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Egypt, general.....	Jan. 15-21.....	72	22	
Cairo.....	Feb. 5-11.....	2	.....	
France:				
Nantes.....	Jan. 1-31.....	1	.....	
Germany, general.....	Jan. 30-Feb. 12.....	6	.....	
Great Britain:				
Greenock.....	Feb. 6-12.....	1	.....	
London.....	Feb. 6-12.....	1	.....	
Greece:				
Athens.....	Feb. 6-12.....	.....	1	
India:				
Bombay.....	Jan. 26-Feb. 1.....	.....	21	
Calcutta.....	Jan. 16-22.....	.....	1	
Rangoon.....	Jan. 16-22.....	.....	6	
Italy, general.....	Feb. 6-13.....	12	.....	
Genoa.....	Feb. 1-15.....	1	.....	
Naples.....	Feb. 7-13.....	28	6	
Mexico:				
Aguascalientes.....	Feb. 13-26.....	.....	4	
Guadalajara.....	Feb. 5-18.....	.....	3	
Mexico.....	Jan. 23-29.....	.....	1	
Portugal:				
Lisbon.....	Feb. 6-12.....	13	.....	
Russia:				
Libau.....	Feb. 6-13.....	1	.....	
Moscow.....	Jan. 31-Feb. 5.....	15	11	
Riga.....	Feb. 6-12.....	2	.....	
St. Petersburg.....	Jan. 23-Feb. 16.....	85	32	
Warsaw.....	Dec. 5-11.....	.....	16	
Spain:				
Barcelona.....	Feb. 8-14.....	.....	5	
Cadiz.....	Jan. 1-31.....	.....	1	
Seville.....	Jan. 1-31.....	.....	7	
Siberia:				
Vladivostok.....	Jan. 15-21.....	1	1	
Turkey in Asia:				
Bagdad.....	Dec. 12-Jan. 1.....	.....	.....	Present.

## Reports Received from January 1 to March 4, 1910.

[For reports received from June 25, 1909, to December 31, 1906, see PUBLIC HEALTH REPORTS for December 31, 1909. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

## CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Germany:				
Heydekrug.....	Nov. 19-Dec. 4.....	2	.....	
Niederung.....	Nov. 16-22.....	1	.....	
India:				
Bombay.....	Nov. 24-Jan. 25.....	.....	18	
Calcutta.....	Nov. 14-Jan. 15.....	.....	176	
Madras.....	Jan. 1-7.....	.....	1	
Rangoon.....	Nov. 14-Jan. 15.....	.....	40	
Java:				
Batavia.....	Nov. 14-Jan. 15.....	387	111	
Norway:				
Friedershalld.....	Dec. 31-Jan. 3.....	1	1	From a vessel from Riga.
Persia:				
Astara.....	Dec. 1-15.....	36	22	
Philippine Islands:				
Manila.....	Nov. 7-Jan. 15.....	85	72	Third quarter, 1909. Cases 82, deaths 61.
Provinces.....				Third quarter, 1909, Cases 3,946, deaths 2,609.
Albay.....	Nov. 7-20.....	6	6	
Bataan.....	Nov. 7-Jan. 15.....	146	98	
Bohol.....	Nov. 7-Jan. 1.....	27	16	
Bulacan.....	Nov. 7-Jan. 1.....	32	27	
Camarines.....	Nov. 7-20.....	5	5	
Capiz.....	Nov. 21-Dec. 18.....	3	2	
Cavite.....	Nov. 7-Jan. 1.....	80	65	



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

Reports Received from January 1 to March 4, 1910.

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Philippine Islands—Continued.</b>				
<b>Provinces—Continued.</b>				
Cebu.....	Nov. 7-Jan. 15....	282	221	Nov. 20, 1 case on s. s. Yaptico.
Laguna.....	Dec. 19-25.....	4	4	
Leyte.....	Nov. 21-Jan. 15....	36	32	
Oriental Negros.....	Nov. 7-20.....	10	5	
Pampanga.....	Nov. 7-Jan. 15....	126	99	
Rizal.....	Nov. 7-Jan. 8.....	10	7	
Tarlac.....	Nov. 7-13.....	9	5	
Russia, general.....	Nov. 21-Jan. 29....	440	203	
Baku, government.....	Nov. 21-Dec. 25....	22	22	
Baku.....	Nov. 21-Jan. 15....	27	17	
Don, territory.....	Nov. 28-Dec. 25....	18	10	
Ekaterinslav, government.....	Nov. 21-Jan. 1.....	23	7	
Jaroslav, government.....	Nov. 21-27.....		1	
Kaluga.....	Dec. 26-Jan. 1.....	1		
Kostroma, government.....	Nov. 21-27.....	3	4	
Kovna, government.....	Nov. 21-27.....	8	3	
Kursk, government.....	Nov. 21-Dec. 11....	6		
Moscow, government—				
Moscow.....	Nov. 29-Jan. 22....	256	115	
Pskov, government.....	Nov. 21-27.....	10		
St. Petersburg, government.....	Nov. 21-Dec. 18....	14	12	
St. Petersburg.....	Nov. 21-Jan. 1.....	53	12	
Taurida, government.....	Nov. 21-Dec. 25....	66	28	
Vitebsk, government.....	Nov. 21-27.....	2		
Siam:				
Bangkok.....	Oct. 28-Dec. 25....	6	6	
Siberia:				
Vladivostok.....	Nov. 16-21.....	1		
Straits Settlements:				
Singapore.....	Dec. 19-Jan. 15....		4	
Sumatra:				
Palembang.....	Sept. 20-Oct. 20....	936	675	
Turkey in Asia:				
Trebizond.....	Nov. 28.....	1		On a vessel from Batum.

## YELLOW FEVER.

Brazil:				
Manaos.....	Nov. 21-Jan. 22....	4	21	
Para.....	Nov. 28—Feb. 5....	46	39	
Ecuador:				
Babahoyo.....	Jan. 1-15.....	3		
Guayaquil.....	Dec. 1-Jan. 31....	87	26	
Peru:				
Callao.....	Nov. 2-Dec. 2.....	1	1	From s. s. Loa.
Mexico:				
Yucatan—				
Merida.....	Dec. 20-21.....	1	1	
Santa Cruz de Bravo.....	Dec. 20.....	1	1	
Trinidad:				
Port of Spain.....	Nov. 28-Dec. 4....	1	1	

## PLAGUE.

Brazil:				
Bahia.....	Nov. 20-Jan. 21....	47	23	
Para.....	Nov. 28-Dec. 25....	11	8	
Pernambuco.....	Oct. 15-Dec. 31....		21	
Rio de Janeiro.....	Nov. 2-Jan. 23....	16	2	
Santos.....	Nov. 1-Dec. 29....	5	3	One case from bark Amazone, Dec. 1.
China:				
Hankow.....	Nov. 27-Dec. 7....	20	20	
Hongkong.....	Nov. 21-27.....	1	1	
Ecuador:				
Babahoyo.....	Dec. 16-Jan. 31....	15	4	
Guayaquil.....	Dec. 1-Jan. 31....	192	78	
Milagro.....	Jan. 1-31.....	10	3	

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

Reports Received from January 1 to March 4, 1910.

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Egypt:</b>				
Alexandria.....	Nov. 19-Dec. 15....	3	2	
Port Said.....	Nov. 30-Dec. 22....	2	1	
Provinces—				
Assiout.....	Sept. 29-Jan. 26....	27	9	
Beherach.....	Dec. 8-14.....	1	1	
Beni Souef.....	Dec. 16-Feb. 1.....	17	6	
Payoum.....	Jan. 20-28.....	2	2	
Galicoobeh.....	Jan. 11-Feb. 3.....	3	1	
Garbieh.....	Feb. 2.....	1	1	
Girgeh.....	Dec. 19-26.....	2	1	
Ghizeh.....	Dec. 19-Jan. 2.....	2	2	
Kena.....	Feb. 3.....	1	1	
Menouf.....	Nov. 28-Dec. 15....	17	6	
Minieh.....	Dec. 21-27.....	3	1	
<b>German East Africa:</b>				
Mpwapwa.....	Sept. 19-Oct 5.....	7	1	
<b>India:</b>				
Bombay Presidency and Sind.....	Nov. 7-Jan. 22.....	11,137	7,821	
Madras Presidency.....	Nov. 7-Jan. 22.....	1,011	705	
Bengal.....	Nov. 7-Jan. 22.....	8,109	6,509	
United provinces.....	Nov. 7-Jan. 22.....	36,037	33,019	
Punjab.....	Nov. 7-Jan. 22.....	14,277	11,704	
Burma.....	Nov. 7-Jan. 22.....	898	766	
Central provinces, including Berar.....	Nov. 7-Jan. 22.....	10,322	8,355	
Coorg.....	Nov. 14-27.....	5	1	
Mysore State.....	Nov. 7-Jan. 22.....	1,388	1,020	
Hyderabad State.....	Nov. 7-Jan. 22.....	155	126	
Central India.....	Nov. 7-Jan. 22.....	850	638	
Rajputana and Ajmer-Merwara.....	Nov. 7-Jan. 22.....	4,157	3,674	
Kashmir.....	Nov. 7-Jan. 22.....	165	110	
<b>Grand total.....</b>		<b>88,511</b>	<b>74,448</b>	
<b>Indo-China:</b>				
Saigon.....	Nov. 7-Dec. 25.....	5	4	
<b>Japan:</b>				
Kobe.....	Nov. 28-Jan. 29....	23	19	
<b>Paraguay:</b>				
Dec. 10.....			30	In the northern part.
<b>Peru:</b>				
Arequipa, department—				
Mollendo.....	Dec. 20-Jan. 1.....	1	1	
Callao, department—				
Callao.....	Jan. 28-31.....	2	1	
Lambayeque, department.....	Oct. 1-Dec. 9.....	29	10	
Libertad, department.....	Nov. 19-Dec. 9.....	25	3	
Lima, department.....	Oct. 22-Dec. 9.....	9	5	
<b>Russia:</b>				
Astrakhan, district.....	Dec. 5-Feb. 6.....	107	98	50 miles south of Beiskulak.
Beiskulak.....	Dec. 10-16.....	18	16	
Dschedda.....	Jan. 7.....	1	1	Present.
Libau.....	Dec. 3-9.....	1	1	
Uralsk, district.....	Nov. 25-Jan. 12....	208	202	
<b>Siam:</b>				
Bangkok.....	Oct. 28-Nov. 27....	5	5	
<b>Straits Settlements:</b>				
Singapore.....	Dec. 25-Jan. 1.....	2	2	
<b>Turkey in Asia:</b>				
Beirut.....	Nov. 29-Dec. 14....	3	1	
Jiddah.....	Jan. 5-23.....	4	3	

## SMALLPOX.

<b>Algeria, general.....</b>	<b>Dec. 1-15.....</b>	<b>22</b>	<b>1</b>
Algiers.....	Nov. 1-Jan. 31....	11	3
Bona.....	Dec. 1-31.....	11	7
<b>Argentina:</b>			
Buenos Aires.....	Oct. 1-Nov. 30....		16
<b>Austria:</b>			
Galicia.....	Jan. 1-8.....	1	1
Vienna.....	Jan. 9-15.....	1	1

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

Reports Received from January 1 to March 4, 1910.

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Brazil:</b>				
Bahia.....	Nov. 20-Jan. 21...	175	112	
Pernambuco.....	Oct. 16-Dec. 31....	161		
Rio de Janeiro.....	Nov. 2-Jan. 23....	14		
Sao Paulo.....	Nov. 1-21.....		2	
<b>Canada:</b>				
British Columbia—				
Vancouver.....	Jan. 1-31.....	3		
Nova Scotia—				
Halifax.....	Dec. 19-25.....	2		
<b>Chile:</b>				
Antofagasta.....	Jan. 1.....			Present.
Quillota.....	Nov. 28-Dec. 4.....			Do.
Valparaiso.....	Nov. 20-Jan. 1.....			Do.
<b>China:</b>				
Amoy.....	Nov. 28-Jan. 15....		6	
Canton.....	Dec. 12-Jan. 1....	15		
Chang Cheun.....	Dec. 11.....			Do.
Chio Be.....	Dec. 11.....			Do.
Hankow.....	Jan. 2-15.....	1	1	Dec. 19-Jan. 2, present among natives.
Shanghai.....	Nov. 1-Jan. 30....	1	7	Deaths among Chinese.
<b>Cuba:</b>				
Habana.....	Dec. 3-9.....	1		From s. s. La Navarre.
<b>Ecuador:</b>				
Guayaquil.....	Jan. 1-31.....	3		
<b>Egypt, general</b> .....	Nov. 5-Jan. 14....	490	128	
Alexandria.....	Nov. 5-Dec. 25....	19	19	
Cairo.....	Nov. 26-Feb. 4....	10	3	
<b>France:</b>				
Paris.....	Dec. 5-Jan. 15....	27	1	
<b>Germany, general</b> .....	Dec. 5-Jan. 29....	59		
Konigsberg.....	Dec. 12-Jan. 15....	2	2	In vicinity.
<b>Great Britain:</b>				
Bristol.....	Feb. 6-12.....	1		
Hull.....	Jan. 16-22.....	2		
Liverpool.....	Dec. 19-Feb. 5....	9		
London.....	Nov. 28-Feb. 5....	17		
Nottingham.....	Jan. 16-22.....	1		
Plymouth.....	Nov. 12-18.....		1	
Southampton.....	Nov. 12-18.....	1		
<b>Greece:</b>				
Athens.....	Nov. 22-Jan. 29....	4	11	
<b>Hawaii:</b>				
Honolulu.....	Jan. 31-Feb. 4....	3	1	2 cases Jan. 31 from U. S. S. Washington from Yokohama. 1 case Feb. 2 on s. s. Makura.
<b>India:</b>				
Bombay.....	Nov. 24-Jan. 25....		90	
Calcutta.....	Nov. 14-Dec. 18....		6	
Kurrachee.....	Jan. 2-15.....	5		
Madras.....	Dec. 18-Jan. 21....		3	
Rangoon.....	Nov. 20-Jan. 15....		21	
<b>Indo-China:</b>				
Saigon.....	Dec. 7-13.....	1		
<b>Italy, general</b> .....	Nov. 29-Feb. 6....	188		
Genoa.....	Dec. 1-Jan. 31....	16	1	
Milan.....	Jan. 1-16.....	1		
Naples.....	Dec. 6-Feb. 6....	141	24	
<b>Japan:</b>				
Kobe.....	Dec. 12-25.....	1	1	
<b>Java:</b>				
Batavia.....	Dec. 12-Jan. 8....	6	1	
<b>Liberia:</b>				
Monrovia.....	Nov. 28-Dec. 4....	6		
<b>Malta:</b>				
Valetta.....	Dec. 12-Jan. 15....	3	1	
<b>Mexico:</b>				
Agascalientes.....	Dec. 12-Feb. 12....		23	
Chihuahua.....	Dec. 13-Feb. 13....	5	6	
Guadalajara.....	Jan. 29-Feb. 4....		2	
Mexico.....	Nov. 14-Jan. 12....		12	
Monterey.....	Nov. 13-Feb. 20....		2	
Veracruz.....	Feb. 13-19.....	1		
<b>Netherlands:</b>				
Rotterdam.....	Dec. 5-11.....	7		



*Weekly mortality table, foreign and insular cities—Continued.*

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhoid fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Bombay	Feb. 1	977,822	662	56	29			21		3			2	
Bradford	Feb. 12	295,865	83	6								1	4	
Brussels	do	704,975	197	14					1	1		2		
Bremen	Feb. 5	235,648	66	14								1		3
Cairo	Feb. 4	677,663	390	32					6			11		
Do	Feb. 11.	677,663	351	19				3	2			9		
Calcutta	Jan. 22	847,796	621	44	8	87		1				3		
Constantinople	Feb. 13	1,000,000	284	52					5			2		
Canton	Jan. 8	1,000,000	175	20					5			2		
Do	Jan. 15	1,000,000	150	20					3			1		
Cardiff	Feb. 5	199,189	52	5							1	1	1	
Christiania	Feb. 16	236,000	66	9								2		1
Colombo	Jan. 22	187,564	126	13					5					
Copenhagen	Jan. 29	450,000	128	9						4		1		2
Dalny	do	37,906	36	2						1				
Dresden	Feb. 12	552,200	140	20							1	1		1
Dundee	do	170,206	73	9								2		1
Edinburgh	do	360,276	105	8								3	8	
Erfurt	Feb. 5	108,828	24	2					1					1
Do	Feb. 12	109,124	30	5						1	1			
Flume	do	50,811	25	7									1	
Geneva	Jan. 29	121,500	28								3			
Do	Feb. 5		38								3			
Ghent	do	165,475	43	1						2				
Do	Feb. 12		4											1
Glasgow	Feb. 18	872,021	306							2	2	4		30
Gothenburg	Feb. 12	164,000	45	9									4	
Greenock	do	73,505	39									1		1
Guadalajara	Feb. 11	125,000	71					1						
Do	Feb. 18		94					2						
Guayaquil	Jan. 22	75,000	70	12	3		4			1				2
Do	Jan. 29		84	8	13		8							1
Hamburg	Feb. 12	895,804	257	40					1	2	12	5		1
Havre	Feb. 5	132,430	65	17										
Do	Feb. 12		56	11					1					
Hull	Feb. 12	280,006	91											1
Do	Feb. 19		106						1	1	2			
Karachi	Jan. 29	108,644	117		36									
Kingston	Feb. 12	48,504							1					
Kobe	Feb. 5	380,717	165									1		
Libau	Feb. 13	90,000									4			
Leipzig	Feb. 5	590,329	155	18								3		1
Leith	Feb. 12	86,767	23	4								1	1	
Liege	Feb. 5	176,893	58	8									1	
Liverpool	Feb. 12	767,606	306	20					1	4	2	2		12
London	do	7,537,196	2,255						4	8	11	17		86
Lubeck	do	97,500	27	4							1			
Lyons	Jan. 22	500,000	165	31							1	1	3	2
Do	Jan. 29		184	42							5	2		
Magdeburg	Jan. 22	253,089	73	5					1		1	1		1
Do	Feb. 5		85								2	1		
Manaos	Jan. 29	52,000	56	3										
Do	Feb. 5		58	4			3	6						
Manchester	Feb. 12	631,533	236	9							1	3	4	2
Mannheim	Jan. 29	185,889	34	8								1		
Mexico	do	400,000	374	32					1	14		2		1
Monterey	Feb. 20	100,000	49	9										
Montreal	Feb. 26	389,837	159	28					5	4	3	1		3
Moscow	Feb. 5	1,500,000	699	87				11	11	3	24	26	22	3
Munich	Jan. 29	576,000	181	28							1	1	1	2
Nagasaki	Jan. 30	176,970	53	8								3		
Naples	Feb. 12	563,540	291					6			1			
Rotterdam	Feb. 19	418,408	134								1	2		
Newcastle-on-Tyne	Feb. 12	281,584	90									2		3
Nottingham	Feb. 5	260,000	99								1		2	
Odessa	do	520,000	169	15				5	2		11	6	4	
Palermo	do	335,000	206	4								4	6	
Para	Feb. 12	185,000	65	9			4							
Port Said	Feb. 4	65,033	37	2								2		

## MORTALITY—Continued.

*Weekly mortality table, foreign and insular cities—Continued.*

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—								
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhoid fever.	Scarlet fever.	Diphtheria.
Quebec	Feb. 26										1	1
Rangoon	Jan. 22	252,155	187	8	6	1		6				
St. Petersburg	Feb. 16	1,678,000	852	143				15	1	9	23	12
Do.	Jan. 29	1,678,000	882	156				17	1	5	27	23
Stockholm	do.	339,582	93	24								2
Do.	Feb. 5		102	22							3	4
Southampton	Jan. 29	127,157	22	4								1
Do.	Feb. 5		28									
Do.	Feb. 19		43	3								1
Stettin	Jan. 22	239,000	70	4							3	2
Do.	Feb. 5		67	5								1
Tarragona	do.	20,400	14	1				1				
Turin	Feb. 3	391,465	111	13								1
Do.	Feb. 10		164	23								3
Valencia	Feb. 12	240,000	95	7					1			
Vienna	Jan. 29	2,085,888	620	101					1	4	7	10
Trieste	do.	218,727	105						1			4
Do.	Feb. 5	218,727	132									1
Vigo	Feb. 12	40,000	11	3					1			
Vladivostok	Jan. 13	85,004	16	2					2	1		
Do.	Jan. 21		18					1				
Warsaw	Nov. 27	764,054	297	43				15	1	5	14	8
Winnipeg	Feb. 12	122,000	21	5								1

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

AUSTRIA—*Brünn*.—Month of December, 1909. Population, 108,944. Total number of deaths from all causes, 130, including scarlet fever 2, diphtheria 1, tuberculosis 43.

AZORES—*St. Michaels*.—Month of December, 1909. Population, 131,183. Total number of deaths from all causes, 247, including typhoid fever 6, tuberculosis 9. Cases reported: Typhoid fever 16, diphtheria 3, tuberculosis 12.

BRAZIL—*Ceara*.—Month of December, 1909. Population, 55,000. Total number of deaths from all causes, 88, including typhoid fever 6, tuberculosis 14.

CANADA—*Vancouver*.—Month of January, 1910. Population, 78,900. Total number of deaths from all causes, 50, including typhoid fever 3, diphtheria 1, tuberculosis 6.

FRANCE—*St. Etienne*.—Two weeks ended January 31, 1910. Population, 15,000. Total number of deaths from all causes, 122, including diphtheria 2, tuberculosis 15.

GREAT BRITAIN.—Week ended February 5.

*England and Wales*.—The deaths registered in 76 great towns correspond to an annual rate of 17 per 1,000 of the population, which is estimated at 16,713,617.

*Ireland.*—The deaths registered in 21 principal town districts correspond to an annual rate of 23 per 1,000 of the population, which is estimated at 1,151,790. The lowest rate was recorded at Lurgan, viz, 4, and the highest at Newtownards, viz, 51.5.

*Scotland.*—The deaths registered in 8 principal towns correspond to an annual rate of 20.5 per 1,000 of the population, which is estimated at 1,864,194. The lowest rate was recorded at Perth, viz, 15.4, and the highest at Greenock, viz, 29.8. The total number of deaths from all causes was 744, including typhoid fever 4, measles 46, scarlet fever 11, diphtheria 14.

ITALY—*Genoa.*—Two weeks ended February 15, 1910. Population 279,163. Total number of deaths from all causes 273, including typhoid fever 3, tuberculosis 16.

JAMAICA—*Kingston.*—Month of January, 1910. Population 48,500. Total number of deaths from all causes 161, including tuberculosis 18.

SPAIN—*Seville.*—Month of January, 1910. Population 154,315. Total number of deaths from all causes 480, including typhoid fever 3, smallpox 7, measles 1, diphtheria 1, tuberculosis 82.

By authority of the Secretary of the Treasury:

WALTER WYMAN,

*Surgeon-General,*

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