

PUBLIC HEALTH REPORTS.

VOL. XXV.

SEPTEMBER 16, 1910.

No. 37.

UNITED STATES.

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

PLAGUE-PREVENTION WORK.

Surgeon Blue reports:

INFECTED GROUND SQUIRRELS.

The finding of 3 plague-infected ground squirrels in California was reported during the week ended August 27, 1910. They were found as follows: One in Alameda County, Cal., August 16, at Craigmont, half a mile north of Berkeley, and 2 in San Joaquin County, Cal., August 19, at McLaughlin ranch, about $3\frac{1}{2}$ miles northeast of Tracy.

ANIMALS EXAMINED FOR PLAGUE INFECTION.

During the week ended August 27, 1910, there were examined for plague infection at the federal laboratory at San Francisco and the branch laboratories at Oakland and Los Angeles, Cal., animals as follows: Squirrels 2,705, gophers 4, rabbits 9, badgers 1, rats 1,864. The rats were identified as follows: *Mus norvegicus* 1,649, *Mus rattus* 88, *Mus alexandrinus* 82, *Mus musculus* 45.

The total number of animals examined was 4,583. Three plague-infected squirrels were found.

DISTRIBUTION OF POISON.

In connection with the making of a squirrel-free zone around the cities on San Francisco Bay, 1,775 acres of land in Alameda County were covered with poison during the week ended August 27, 1910.

SEATTLE, WASH.

Assistant Surgeon Chapin reports:

During the week ended August 27, 1910, 1,011 rats were collected. Of these 860 were necropsied and examined for plague infection. No plague-infected rats were found.

Record of Plague Infection.

Place.	Date of last case of human plague.	Date of last case of rodent plague.	Total number of rodents found infected since May, 1907.
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	Aug. 16, 1910	83 squirrels, 1 wood rat.
Contra Costa	July 21, 1908	Aug. 15, 1910	244 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	7 squirrels.
San Luis Obispo	do	Jan. 29, 1910	1 squirrel.
Santa Clara	Sept. 5, 1910	June 22, 1910	22 squirrels.
Santa Cruz	None recorded.	May 17, 1910	3 squirrels.
Stanislaus	do	May 21, 1910	5 squirrels.
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:					
San Francisco	Aug. 27	85	a 1,782	7,437	0
Oakland	do	28	b 721	721	0
Berkeley	do	0	c 124	80	0
Washington:					
Seattle	do	0	1,011	860	0

a Identified, *Mus norvegicus* 1,347, *Mus rattus* 88, *Mus musculus* 266, *Mus alexandrinus* 81.

b Identified, *Mus norvegicus* 666, *Mus alexandrinus* 1, *Mus musculus* 154.

c Identified, *Mus norvegicus* 80, *Mus musculus* 24.

Squirrels Collected and Examined for Plague Infection.

Place.	Week ended—	Trapped and shot.	Found dead.	Examined.	Found infected.
California:					
Cities—					
San Francisco	Aug. 27	17	0	16	0
Counties—					
Alameda	do	85	10	95	1
Fresno	do	301	0	298	0
Los Angeles	do	459	0	454	0
Merced	do	44	0	44	0
Monterey	do	621	0	609	0
Orange	do	124	0	124	0
Riverside	do	36	12	48	0
San Benito	do	110	0	110	0
San Joaquin	do	398	0	398	2
San Luis Obispo	do	372	0	367	0
Solano	do	142	0	142	0

Other Animals Collected and Examined.

Place.	Week ended—	Animals collected.	Examined.	Found infected.
California:				
Cities—				
San Francisco	Aug. 27	11 gophers....	4	0
Counties—				
Merced	do	1 badger.....	1	0
San Benito	do	6 rabbits.....	6	0
San Luis Obispo	do	3 rabbits.....	3	0

SMALLPOX IN THE UNITED STATES.

Reports Received During Week Ended September 16, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Colorado:				
Archuleta County	Aug. 1-31	1		
Chaffee County	Aug. 1-31	1		
Clear Creek County	Aug. 1-31	1		
Conejos County	Aug. 1-31	1		
Denver County	Aug. 1-31	6		
El Paso County	Aug. 1-31	1		
Huerfano County	Aug. 1-31	1		
Las Animas County	Aug. 1-31	2		
Iowa:				
Linn County	Aug. 1-31	5		
Plymouth County	Aug. 1-31	1		
Pottawattamie County	Aug. 1-31	4		
Warren County	Aug. 1-31	7		
Kansas:				
Allen County	July 1-31	1		
Barton County	July 1-31	1		
Clay County	July 1-31	1		
Coffey County	July 1-31	1		
Cowley County	July 1-31	1		
Decatur County	July 1-31	4		
Elk County	July 1-31	2		
Ellis County	July 1-31	3		
Hodgeman County	July 1-31	1		
Labelle County— Parsons	July 1-31	1		
Marion County	July 1-31	1		
Montgomery County	July 1-31	2		
Nemaha County	July 1-31	2		
Neosho County	July 1-31	11		
Pratt County	July 1-31	1		
Sedgwick County— Wichita	July 1-31	3		
Shawnee County— Topeka	July 1-31	7		
Stafford County	July 1-31	2		
Louisiana:				
New Orleans	Aug. 29-Sept. 3	4		
New Jersey:				
Cumberland County	Aug. 1-31	3		
North Dakota:				
Bowman County	Aug. 1-31	37		
Stutsman County	Aug. 1-31	1		
Texas, general	June 1-30	246	9	

Reports Received from June 25 to September 9, 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.]

Alabama:				
Birmingham	June 12-Aug. 6	11		
Mobile	June 12-July 30	13		
Montgomery	June 12-25	6		
Total for State		30		
Arkansas:				
Fort Smith	June 19-25	1		
California, general.				
	May 1-June 30	27		
Total for State		27		
Colorado:				
Alamosa County	Apr. 1-30		1	
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-July 31	16		
Chaffee County	July 1-31	2		
Conejos County	June 1-July 31	3		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to September 9, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Colorado—Continued.				
Delta County.....	June 1-30.....	2		
Denver County.....	June 1-July 31....	29		
El Paso County.....	July 1-31.....	2		
Huerfano County.....	June 1-July 31....	14		
Kit Carson County.....	June 1-30.....	4		
Larimer County.....	June 1-30.....	1		
Las Animas County.....	June 1-July 31....	5		
Logan County.....	June 1-30.....	1		
Mesa County.....	June 1-30.....	1		
Montross County.....	June 1-30.....	5		
Otero County.....	June 1-30.....	4		
Prowers County.....	June 1-July 31....	12		
Pueblo County.....	July 1-31.....	1		
Rio Grande County.....	June 1-30.....	4		
Saguache County.....	June 1-July 31....	13		
San Miguel County.....	June 1-30.....	1	1	
Teller County.....	June 1-July 31....	2		
Weld County.....	June 1-30.....	5		
Total for State.....		130	6	
District of Columbia.....	July 3-Aug. 20....	13		
Total for District.....		13		
Florida:				
Brevard County.....	Aug. 7-13.....	1		
Duval County.....	June 19-25.....	2		
Gadsden County.....	July 3-Aug. 13....	11		
Hillsboro County.....	July 17-Aug. 6....	2		
Jackson County.....	June 19-Aug. 6....	3		
Jefferson County.....	July 10-Aug. 6....	4		
Leon County.....	Mar. 1-31.....		1	
Liberty County.....	July 17-23.....	14		
Santa Rosa County.....	July 31-Aug. 6....	2		
Taylor County.....	July 3-9.....	1		
Walton County.....	June 12-18.....	1		
Total for State.....		41	1	
Georgia:				
Columbus.....	July 3-9.....	6		
Macon.....	Apr. 1-June 30....	8		
Total for State.....		14		
Illinois:				
Adams County.....	June 1-30.....	2		
Clay County.....	June 1-30.....	1		
Coles County.....	June 1-30.....	22		
Cook County.....	June 1-30.....	1		
Chicago.....	June 1-30.....	1		
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-July 31....	22		
Marion County.....	June 1-30.....	3		
Montgomery County.....	June 1-30.....	6		
Peoria County.....	June 1-July 31....	5		
Perry County.....	June 1-30.....	1		
Pulaski County.....	June 1-30.....	1		
Randolph County.....	June 1-30.....	1		
Richland County.....	June 1-July 31....	8		
Rock Island County.....	June 1-July 31....	5		
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.....		116		
Indiana:				
Allen County.....	May 1-June 30....	8		
Carroll County.....	June 1-30.....	1		
Clay County.....	June 1-30.....	2		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to September 9, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Indiana—Continued.				
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.....		180		
Iowa:				
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-July 31.....	36		
Polk County.....	June 1-July 31.....	19		
Pottawattamie County.....	June 1-July 31.....	17		
Scott County.....	June 1-July 31.....	4		
Webster County.....	July 1-31.....	1		
Winneshiek County.....	June 1-30.....	1		
Woodbury County.....	June 1-30.....	1		
Total for State.....		99		
Kansas:				
Allen County.....	May 1-June 30.....	38		
Atchison County— Atchison.....	Apr. 1-May 31.....	7		
Barton County.....	June 1-30.....	6		
Butler County.....	Apr. 1-June 30.....	8		
Cherokee County.....	June 1-30.....	4		
Cowley County.....	Apr. 1-June 30.....	11		
Crawford County.....	June 1-30.....	4	1	
Decatur County.....	Apr. 1-June 30.....	33		
Dickinson County.....	May 1-June 30.....	10		
Doniphan County.....	Apr. 1-30.....	10		
Edwards County.....	Apr. 1-June 30.....	4		
Elk County.....	May 1-June 30.....	4		
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		
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-June 30.....	11		
Lane County.....	May 1-31.....	2		
Leavenworth County.....	Apr. 1-May 31.....	8		
Leavenworth.....	May 1-June 30.....	2		
Lyon County.....	June 1-30.....	11		
McPherson County.....	May 1-June 30.....	14		
Miami County.....	Apr. 1-May 31.....	2		
Montgomery County.....	Apr. 1-June 30.....	61	2	
Coffeyville.....	Apr. 1-June 30.....	12		
Neosho County.....	May 1-June 30.....	27		
Norton County.....	Apr. 1-June 30.....	50		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to September 9, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Kansas—Continued.				
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—30.....	1		
Rawlins County.....	June 1—30.....	1		
Reno County.....	Apr. 1—June 30.....	23	3	
Riley County.....	Apr. 1—May 31.....	5		
Rush County.....	Apr. 1—30.....	3		
Saline County.....	Apr. 1—June 30.....	21		
Scott County.....	Apr. 1—May 31.....	5		
Sedgewick County.....	Apr. 1—May 31.....	7		
Wichita.....	Apr. 1—June 30.....	49		
Seward County.....	May 1—31.....	2		
Shawnee County.....	June 1—30.....	1		
Sheridan County.....	Apr. 1—30.....	1		
Sherman County.....	May 1—31.....	1		
Stafford County.....	June 1—30.....	2		
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—June 30.....	57		
Total for State.....		699	7	
Kentucky:				
Covington.....	June 26—July 2.....	1		
Total for State.....		1		
Louisiana:				
Avoyelles Parish.....	June 1—30.....	12		
Calcasieu Parish.....	June 1—30.....	2		
Iberia Parish.....	June 1—30.....	19		
Orleans Parish.....	June 1—30.....			
New Orleans.....	June 12—Aug. 27.....	85		
St. John Parish.....	June 1—30.....	10		
St. Tammany Parish.....	June 1—30.....	2		
Tangipahoa Parish.....	June 1—30.....	25		
Vermilion Parish.....	June 1—30.....	30		
Total for State.....		185		
Maine:				
Biddeford.....	May 1—31.....	1		
Total for State.....		1		
Maryland:				
Allegany County— Cumberland.....	May 1—July 31.....	2		
Total for State.....		2		
Massachusetts:				
Middlesex County.....	July 1—31.....	1		
Suffolk County.....	June 1—July 31.....	8		
Total for State.....		9		
Michigan:				
Alcona County.....	June 1—30.....	1		
Arenac County.....	June 1—30.....	2		
Bay County.....	June 1—July 31.....	7	2	
Berrien County.....	July 1—31.....	1		
Cheboygan County.....	June 1—July 31.....	27		
Clare County.....	June 1—July 31.....	12		
Eaton County.....	June 1—30.....	7		
Genesee County.....	June 1—July 31.....	32		
Grand Traverse County.....	July 1—31.....	2		
Gratiot County.....	June 1—July 31.....	7		
Houghton County.....	June 1—30.....	3		
Huron County.....	June 1—July 31.....	12		
Ingham County.....	June 1—July 31.....	8		
Ionia County.....	June 1—July 31.....	6		
Isabella County.....	June 1—July 31.....	4		
Kalamazoo County.....	June 1—July 31.....	8		
Kent County.....	June 1—30.....	17		
Keweenaw County.....	July 1—31.....	1		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to September 9, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Michigan—Continued.				
Lapeere County.....	June 1-July 31.....	16		
Livingston County.....	June 1-30.....	17		
Manistee County.....	June 1-30.....	9	1	
Marquette County.....	June 1-30.....	1		
Mason County.....	June 1-July 31.....	10		
Mecosta County.....	June 1-30.....	6		
Midland County.....	June 1-July 31.....	11		
Missaukee County.....	June 1-July 31.....	12		
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 1-30.....	1		
Ottawa County.....	June 1-30.....	1		
Roccommon County.....	June 1-30.....	4		
Saginaw County.....	June 1-July 31.....	32		
St. Clair County.....	June 1-July 31.....	45		
Sauilac County.....	June 1-July 31.....	3		
Shiawassee County.....	June 1-July 31.....	53		
Tuscola County.....	June 1-July 31.....	14		
Wayne County.....	June 1-July 31.....	17		
Total for State.....		416	3	
Minnesota:				
Pope County.....	Apr. 1-30.....		1	
St. Louis County.....	June 1-30.....		1	
Rice County.....	Mar. 1-31.....		1	
Beltrami County.....	May 26-June 5.....	4		
Blue County.....	June 6-12.....	1		
Carver County.....	June 13-July 10.....	2		
Faribault County.....	May 26-July 31.....	2		
Hennepin County.....	May 26-July 31.....	53		
Kittson County.....	June 6-19.....	2		
Koochiking County.....	May 26-June 5.....	6		
Le Sueur County.....	June 13-19.....	32		
Meeker County.....	June 6-12.....	1		
Mower County.....	July 11-17.....	4		
Ramsey County.....	June 13-July 31.....	22		
Renville County.....	June 6-12.....	1		
Rice County.....	May 26-July 10.....	2		
St. Louis County.....	May 26-June 5.....	10		
Stearns County.....	June 20-26.....	1		
Steele County.....	June 6-19.....	2		
Wabasha County.....	June 13-26.....	2		
Wright County.....	July 4-31.....	2		
Total for State.....		149	3	
Mississippi:				
Natchez.....	July 24-30.....	5		
Total for State.....		5		
Missouri:				
Kansas City.....	May 15-June 30.....	32		
St. Louis.....	June 12-July 16.....	9		
Savannah.....	June 26-July 2.....	5		
Total for State.....		46		
Montana:				
Custer County.....	Apr. 1-30.....		1	
Beaverhead County.....	June 1-30.....	1		
Cascade County.....	June 1-30.....	1		
Dawson County.....	June 1-July 31.....	12		
Fergus County.....	June 1-July 31.....	8		
Fiathead County.....	June 1-30.....	1		
Meagher County.....	June 1-30.....	1		
Park County.....	June 1-30.....	2		
Rosebud County.....	June 1-30.....	2		
Silver Bow County.....	June 1-July 31.....	11		
Butte.....	June 1-July 31.....	40		
Teton County.....	July 1-31.....	2		
Yellowstone County.....	June 1-30.....	2		
Total for State.....		83	1	

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to September 9, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Nebraska:				
Lincoln.....	Apr. 1-June 30.....	30		
South Omaha.....	June 1-30.....	3		
Total for State.....		33		
New Jersey:				
Cumberland County.....	June 1-July 31.....	4		
Total for State.....		4		
New York: Empire State.....				
June 1-30.....		44	2	
Erle County—				
Buffalo.....	May 1-31.....	1		
Tonawanda Township.....	May 1-31.....	2		
Niagara County—				
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.....		70	2	
North Carolina:				
Forsyth County.....	Feb. 1-28.....		1	
Rowan County.....	Feb. 1-28.....		1	
Alamance County.....	Mar. 1-June 30.....	41		
Alexander County.....	Mar. 1-June 30.....	75		
Anson County.....	Apr. 1-June 30.....	9		
Ashe County.....	Mar. 1-31.....	12		
Beaufort County.....	Mar. 1-June 30.....	5		
Bladen County.....	Apr. 1-June 30.....	19		
Buncombe County.....	June 1-30.....	1		
Cabarrus County.....	Mar. 1-June 30.....	15		
Caldwell County.....	Mar. 1-June 30.....	12	1	
Catawba County.....	Mar. 1-June 30.....	42		
Chatham County.....	Mar. 1-June 30.....	18		
Chowan County.....	Mar. 1-31.....	3		
Cleveland County.....	June 1-30.....			Few cases.
Columbus County.....	Apr. 1-May 31.....	23		
Craven County.....	Mar. 1-31.....	1		
Currituck County.....	Mar. 1-June 30.....	23		
Davidson County.....	Mar. 1-June 30.....	5		
Davie County.....	Mar. 1-31.....	8		
Durham County.....	Mar. 1-June 30.....	24		
Edgecombe County.....	June 1-30.....	1		
Forsyth County.....	Mar. 1-June 30.....	20		
Franklin County.....	Mar. 1-31.....	5		
Gaston County.....	Mar. 1-June 30.....	13	2	
Graham County.....	Mar. 1-Apr. 30.....	8		
Greene County.....	Mar. 1-June 30.....	20		
Guilford County.....	Mar. 1-June 30.....	57		
Halifax County.....	Mar. 1-31.....	40		
Henderson County.....	May 1-June 30.....	6		
Hertford County.....	Mar. 1-31.....	1		
Iredell County.....	June 1-30.....	20		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-June 30.....	3		
Madison County.....	Apr. 1-30.....	5		
Martin County.....	Apr. 1-May 31.....	4		
Mecklenburg County.....	Mar. 1-June 30.....	24		
Montgomery County.....	Mar. 1-May 31.....	47		
Nash County.....	Mar. 1-June 30.....	51		
New Hanover County.....	Mar. 1-June 30.....	30		
Onslow County.....	Mar. 1-May 31.....	5		
Orange County.....	Mar. 1-June 30.....	45		
Pamlico County.....	Mar. 1-June 30.....	4		
Perquimans County.....	May 1-31.....	1		
Person County.....	May 1-June 30.....	4		
Pitt County.....	Mar. 1-May 31.....	23		
Polk County.....	Mar. 1-31.....	7		
Richmond County.....	Apr. 1-30.....	2		
Robeson County.....	Apr. 1-May 31.....	3		
Rockingham County.....	Mar. 1-31.....	48		
Rowan County.....	Mar. 1-June 30.....	43	1	
Sampson County.....	May 1-31.....	2		
Scotland County.....	May 1-31.....	5		
Stanly County.....	Apr. 1-June 30.....	26		
Stokes County.....	Mar. 1-31.....	64		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to September 9, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
North Carolina—Continued.				
Surry County.....	Mar. 1-31.....	4		
Union County.....	Mar. 1-June 30.....	31		
Vance County.....	Apr. 1-30.....	4		
Wake County.....	Apr. 1-May 31.....	22		
Warren County.....	Apr. 1-June 30.....	26		
Washington County.....	Mar. 1-Apr. 30.....	4		
Watauga County.....	Apr. 1-June 30.....	26		
Wayne County.....	Apr. 1-May 31.....	6		Few cases in June.
Wilkes County.....	Mar. 1-June 30.....	37		
Wilson County.....	Mar. 1-June 30.....	25	1	
Yancey County.....	Mar. 1-31.....	26		
Total for State.....		1,214	7	
North Dakota:				
Cass County.....	June 1-July 31.....	3		
Cavaller County.....	June 1-30.....	1		
Grand Forks County.....	June 1-10.....	4		
Logan County.....	June 1-30.....	1		
McKenzie County.....	June 1-30.....	1		
Morton County.....	July 1-31.....	4		
Pierce County.....	June 1-30.....	1		
Stark County.....	July 1-31.....	1		
Trall County.....	June 1-30.....	6		
Ward County.....	June 1-30.....	4		
Total for State.....		26		
Oklahoma, general.				
Canadian County.....	Jan. 1-31.....		1	Reported out of date.
Canadian County.....	Apr. 1-30.....		1	
Comanche County.....	Apr. 1-30.....		3	
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		
Caddo County.....	May 1-31.....	1		
Canadian County.....	May 1-31.....	17		
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.....	Apr. 1-30.....		1	
Grady County.....	May 1-31.....	6	6	
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 1-31.....	3		
Okfuskee County.....	May 1-31.....	1		
Oklahoma County.....	May 1-31.....	1	1	
Okmulgee County.....	May 1-31.....	2		
Pawnee County.....	May 1-31.....	4		
Payne County.....	May 1-31.....	10		
Pittsburg County.....	May 1-31.....	6	1	
Pontotoc County.....	May 1-31.....	12		
Seminole County.....	May 1-31.....	2		
Texas County.....	May 1-31.....	4		
Tillman County.....	May 1-31.....	2		
Tulsa County.....	May 1-31.....	1	1	
Washita County.....	May 1-31.....	1		
Total for State.....		214	22	
Ohio:				
Allen County.....	June 1-30.....	3		
Athens County.....	July 1-31.....	1		
Butler County.....	June 1-July 31.....	4		
Clarke County.....	July 1-31.....	3		
Clinton County.....	June 1-30.....	10		
Columblana County.....	June 1-July 31.....	6		
Cuyahoga County.....	June 1-July 31.....	16	1	
Fairfield County.....	June 1-30.....	1		
Franklin County.....	June 1-July 31.....	9		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to September 9, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Ohio—Continued.				
Hamilton County	June 1-30	1		
Hanock County	July 1-31	4		
Hocking County	June 1-July 31	26		
Jefferson County	July 1-31	1		
Lucas County	June 1-July 31	5		
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-July 31	72		
Seneca County	July 1-31	1		
Scioto County	June 1-30	2		
Stark County	June 1-July 31	29		
Summit County	July 1-31	5		
Wayne County	June 1-30	2		
Wood County	June 1-30	2		
Total for State		214	1	
Oregon:				
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		
Pennsylvania, general.				
	Apr. 1-30		2	
	May 1-June 30	29	3	
Total for State		29	5	
South Carolina:				
Charleston	June 1-July 31	28		
Total for State		28		
Tennessee:				
Benton County—				
Camden	July 1-7	2		
Davidson County—				
Nashville	June 12-July 9	2		
Hamilton County—				
Chattanooga	June 12-July 16	4		
Knox County—				
Knoxville	June 12-July 16	8		
Shelby County	May 1-June 30	39		
Memphis	June 12-July 19	8		
Total for State		63		
Texas, general.				
	Apr. 1-May 31	593	13	
Total for State		593	13	
Utah, general.				
Boxelder County	Mar. 1-31	112		
Cache County	May 1-31	1		
Davis County	May 1-31	6		
Juab County	May 1-July 31	43		
Salt Lake County	June 1-July 31	3		
Utah County	May 1-July 31	31	1	
Weber County	May 1-July 31	3		
Total for State		224	1	
Virginia:				
Alexandria	Aug. 25			Report received out of date.
Lynchburg	June 12-18	1		
Total for State		1		
Washington, general.				
	Feb. 1-Mar. 31		4	

Report received out of date.

One case from the schooner
Perais A. Colwell from Gaspe,
Quebec.

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to September 9, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Wisconsin:				
Ashland County.....	June 1-July 31....	16		
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		
Kenosha County.....	July 1-31.....	1		
Lafayette County.....	June 1-30.....	1		
La Crosse County.....	June 1-30.....	2		
Milwaukee County.....	July 1-31.....	7		
Pierce County.....	July 1-31.....	1		
Polk County.....	July 1-31.....	5		
Rusk County.....	June 1-30.....	1		
St. Croix County.....	July 1-31.....	5		
Sawyer County.....	June 1-30.....	8		
Waupaca County.....	June 1-30.....	2		
Winnebago County.....	July 1-31.....	1		
Total for State.....		69		
Grand total for the United States.....		5,067	76	

PLAGUE IN THE UNITED STATES.

Reports Received from June 25 to September 9, 1910.

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

MORBIDITY AND MORTALITY—Continued.

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

Cities.	Week ended—	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.
Melrose, Mass.	Aug. 27	0												
Milwaukee, Wis.	do	96	11	11	32	2	21	1	14	2	6		6	1
Mobile, Ala.	Aug. 20	21		7	2	1	1		1					
Do.	Aug. 27	16		2	1	1			1					
Moline, Ill.	do	12		1	1									
Montclair, N. J.	do	7	2											
Morristown, N. J.	Aug. 20	6							1					
Nashville, Tenn.	Aug. 27	35	9	4	21	2	3				3			
New Bedford, Mass.	do	38	4	1	12		1							
Newburyport, Mass.	do	3												
New Orleans, La.	do	109	45	17	8	1	3		7		3			
Newton, Mass.	do	14	1	1	2	1			1					
Orange, N. J.	do	9		1	1		1							
Paducah, Ky.	do	8		1										
Palmer, Mass.	do	1			2									
Pontiac, Mich.	July 2	1	19		1		5		6		10			
Do.	July 9	5	18	1			3		3		5			
Do.	July 16	6		2			1		2					
Do.	July 23	6		1										
Portsmouth, N. H.	Aug. 27													
Portsmouth, Va.	do	7					1							
Racine, Wis.	Aug. 20	13		1			1		2					
Do.	Aug. 27	10					1							
Rock Island, Ill.	do	7			1	1	1		1					
Sacramento, Cal.	Aug. 20	15		4										
San Antonio, Tex.	Aug. 27	15		14	6	1								
San Francisco, Cal.	Aug. 20	127	26	15	9	2	6		3	1	9	1		
Saratoga Springs, N. Y.	Aug. 13	8									2			
Do.	Aug. 20	7	2	1	1				1					
Schenectady, N. Y.	do	22	1	3	15		1		2		1		2	1
Seattle, Wash.	Aug. 6	40	5	5	8	1	5		2		2		1	
Do.	Aug. 13	38	4	5	23		1		3		6		3	1
Do.	Aug. 20	52	4	3	11		1		3		4		2	3
Somerville, Mass.	Aug. 27	2	7	1	3		2		1			1		
South Bend, Ind.	do	13	2	1										
Springfield, Mass.	do	20	2	2	1				5	1	1		1	
Steelton, Pa.	do	5	6	1				1	7					
Superior, Wis.	do	13					5		3					
Tacoma, Wash.	Aug. 20	16					2	1	1	1	1			
Terre Haute, Ind.	Aug. 27	17				1	4				1			
Toledo, Ohio.	do	46		1	9	1	1		5		1			
Topeka, Kans.	Aug. 13	0												
Do.	Aug. 27	0												
Trenton, N. J.	do	2	4	2	10		2		2				2	
Waltham, Mass.	do	7			5		2							
Wilkinsburg, Pa.	do	5			1				1					
Wilmington, Del.	do	27		2	1									
Woburn, Mass.	do	6				2			7					
Worcester, Mass.	Aug. 20	53	5	5	72		1		10				4	
York, Pa.	Aug. 27	7			2					2			6	

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

CALIFORNIA.—Month of June, 1910. Population, 2,037,929. Total number of deaths from all causes 2,630, including typhoid fever 54, measles 18, scarlet fever 4, diphtheria 17, tuberculosis 391.

CONNECTICUT—*Stamford*.—Month of August, 1910. Population, 24,000. Total number of deaths from all causes not reported. No deaths from contagious diseases reported. Cases reported: Typhoid fever 3, scarlet fever 1, diphtheria 2, tuberculosis 5.

FLORIDA.—Reports from the state board of health show as follows:

Week ended August 20, 1910. Typhoid fever was reported present in 3 localities with 14 cases, smallpox in 2 counties (Hillsboro and Santa Rosa) with 6 cases, malaria in 3 localities with 8 cases, diphtheria in 6 localities with 7 cases, tuberculosis in 4 localities with 6 cases.

Week ended August 27, 1910. Typhoid fever present in 7 localities with 14 cases, diphtheria in 4 localities with 5 cases, malaria in 5 localities with 8 cases, tuberculosis in 3 localities with 4 cases.

Pensacola.—Month of August, 1910. Population, 35,000. Total number of deaths from all causes 41, including typhoid fever 2, tuberculosis 6.

Tampa.—Month of August, 1910. Population, 15,839. Total number of deaths from all causes 55, including typhoid fever 1, malarial fever 3, tuberculosis 8. Cases reported: Typhoid fever 7, diphtheria 8.

ILLINOIS—*Quincy.*—Month of August, 1910. Population, 43,000. Total number of deaths from all causes 49, including typhoid fever 1, tuberculosis 5. Cases reported: Typhoid fever 1, diphtheria 2.

INDIANA.—Month of June, 1910. Population, 2,732,550. Total number of deaths from all causes 2,588, including typhoid fever 27, scarlet fever 12, diphtheria 15, tuberculosis 365. Cases reported: Typhoid fever 91 cases in 31 counties, scarlet fever 244 cases in 50 counties, diphtheria 90 cases in 27 counties.

IOWA.—Month of July, 1910. Population, 2,192,608. Total number of deaths from all causes 1,504, including typhoid fever 22, measles 8, scarlet fever 6, diphtheria 10, tuberculosis 103.

MASSACHUSETTS.—Week ended June 4, 1910. Population, 2,338,979. Total number of deaths from all causes 698, including typhoid fever 7, measles 6, scarlet fever 8, diphtheria 6, tuberculosis 78.

Week ended June 11, 1910. Total number of deaths 683, including typhoid fever 6, measles 6, scarlet fever 2, diphtheria 8, tuberculosis 68.

Week ended June 18, 1910. Total number of deaths 700, including typhoid fever 4, measles 6, scarlet fever 10, diphtheria 17, tuberculosis 65.

Week ended June 25, 1910. Total number of deaths 676, including typhoid fever 8, measles 7, scarlet fever 6, diphtheria 4, tuberculosis 57.

MICHIGAN.—Month of July, 1910. Population 2,668,308. Total number of deaths from all causes 3,078, including typhoid fever 26, smallpox 1 (Manistee), measles 20, scarlet fever 11, diphtheria 26, tuberculosis 209. Cases reported: Typhoid fever 150 cases in 80 localities, smallpox 125 cases in 41 localities, measles 320 cases in 60 localities, scarlet fever 240 cases in 55 localities, diphtheria 210 cases in 59 localities, tuberculosis 141 cases.

MINNESOTA.—Month of May, 1910. Population, 1,979,658. Total number of deaths from all causes 1,661, including typhoid fever 15, measles 57, scarlet fever 33, diphtheria 42, tuberculosis 170.

St. Paul.—Month of May, 1910. Population, 235,000. Total number of deaths from all causes 217, including typhoid fever 2, smallpox 1, measles 2, scarlet fever 4, diphtheria 10, tuberculosis 26. Cases reported: Smallpox 9, measles 63, scarlet fever 123, diphtheria 105.

NORTH CAROLINA.—Reports from the state board of health for the month of June, 1910, show typhoid fever present in 63 counties, smallpox in 38 counties, measles in 29 counties, scarlet fever in 13 counties, malarial fever in 5 counties, pernicious malarial fever in 4 counties, hemorrhagic malarial fever in 4 counties, pellagra in 2 counties.

UTAH.—Month of July, 1910. Population, 346,873. Total number of deaths from all causes 294, including typhoid fever 13, scarlet fever 3, diphtheria 5, tuberculosis 10. Cases reported: Typhoid fever 82, smallpox 21, measles 20, scarlet fever 128, diphtheria 21, tuberculosis 12.

FOREIGN AND INSULAR.

AUSTRIA-HUNGARY.

Cholera.

The American consul at Fiume reported to the Department of State September 13:

Isolated cholera cases in 8 communities from Kressburg to Mohacs, on the Danube.

The imperial health bureau at Berlin reported, August 31, the occurrence of 2 cases of cholera at Vienna in persons recently arrived from Hungary. One case ended fatally. The cases were bacteriologically verified.

[BRAZIL.]

[PERNAMBUCO—Smallpox—Health Conditions.]

Consul Griffith reports, July 31 and August 2:

During the two weeks ended May 31, 45 deaths from smallpox and 1 death from yellow fever were reported.

Smallpox is prevalent in Pernambuco continuously and in a most virulent form, an average of 50 deaths occurring from the disease in a period of two weeks. The deaths are chiefly among the lower classes, who live in the low, marshy suburbs of the town and observe no sanitary or hygienic precautions. Leprosy is present. The lepers beg in the streets. There is a hospital for lepers situated a short distance from the city. Sporadic cases of yellow fever occur, and during the past four months 2 deaths from bubonic plague have been reported. The drainage system which covers the greater part of the city is efficient. The water is good and comes from wells at a distance from the city. The incessant rains keep the streets clean. The streets are swept each night and garbage is carted away and burned in a large plant constructed especially for the purpose.

CHINA.

Amoy—Cholera and Plague.

Acting Assistant Surgeon Moorhead reports, August 8:

During the week ended August 6 a death from cholera occurred in the international settlement of Kulangsu. In Amoy city plague continues present in sporadic form, and a recrudescence of plague is reported from some of the outlying districts.

CUBA.

[Habana—No Quarantinable Disease.]

Passed Assistant Surgeon de Valin reports, August 30:

During the week ended August 27 no quarantinable disease was reported in the island.

GERMANY—Cholera at Kalthoff, West Prussia.

The American consul at Stettin, Germany, reported to the Department of State September 14:

Six deaths from cholera and 4 serious additional cases at Kalthoff, suburb of Marienburg. One hundred persons are quarantined.

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, August 22:

HONOLULU—Plague-prevention Work.

Week ended August 20, 1910.

Total rats and mongoose taken	858
Rats trapped	827
Mongoose trapped	21
Rats found dead	0
Rats shot from trees	10
Examined bacteriologically	733
Plague rats	0
Classification of rats trapped:	
<i>Mus alexandrinus</i>	84
<i>Mus musculus</i>	411
<i>Mus norvegicus</i>	72
<i>Mus rattus</i>	260
Classification of rats shot from trees:	
<i>Mus alexandrinus</i>	3
<i>Mus rattus</i>	7
Average number of traps set daily	1,738

INDIA.**BOMBAY—Health Conditions.**

Consul Dennison reports, August 9:

Week ended August 9. The public health conditions of Bombay have undergone practically no change since last week's report. The relief which followed the break up of the long period of hot, dry weather continues, and just at present the city is suffering to some extent from an excess of generous rainfall.

In the 7 days ended August 9 the total mortality in Bombay was 705 as against 658 in the previous week. The five-year average is 671, but in the corresponding week of last year only 582 deaths were recorded.

Plague accounted for 36 deaths, against 38 in the previous week, 27 in the corresponding week of 1909, and a mean for the past five years of 33. Smallpox deaths have fallen to 2, but there was a small number of fresh attacks. Cholera has completely disappeared and the corrected death rate is 37.49.

CALCUTTA—Cholera and Plague.

Acting Assistant Surgeon Allan reports, August 11:

During the week ended July 23 there were 18 deaths from cholera and 17 from plague in Calcutta; in all Bengal, 34 cases of plague with 31 deaths; in all India, 737 cases with 554 deaths.

ITALY.

The Cholera Outbreak.

Surg. H. D. Geddings at Naples reports, August 28, as follows:

The announcement of the presence of cholera in Italy August 17 came as a complete surprise. There had been no disturbing rumors, although the cholera situation in the Black Sea provinces of Russia had become disquieting and had led to renewed precautions in the handling of emigrants destined for the United States. On August 18 a circular letter was addressed by this office to all steamship agencies in Naples announcing the enforcement of the quarantine regulations of the United States in regard to cholera. During the afternoon of August 17 and the morning of August 18 about 80 passengers of the steerage class were placed under observation in a special boarding house designated by the Italian inspector of emigration at this port.

Origin of the infection.—Reliable information gives the cause of the outbreak as the debarkation at Brindisi of a party of Russian gypsies from Batum, who proceeded by rail to Trani, which is to be regarded as the primary focus of the epidemic. Whether any of the wanderers were ill upon arrival admits of doubt; but it is certain that arriving in Trani they washed clothing in vessels used for drawing water from a well, and in due course there followed cases of choleric form disease, the nature of which was not immediately recognized, and which were regarded by the authorities as "grave gastro-intestinal disturbances." The infection spread to various towns and cities in the provinces of Bari and Foggia, both in the region of Apulia.

The town of Trani has up to this time suffered most severely, and it is to be regarded as the primary focus of infection, the outbreak partaking of the characteristics of a water-borne epidemic. The infection at other points is secondary, and the nature of the spread up to this time points to "contact" outbreaks.

Extent of the infection.—To this time the disease has made its appearance in the following places: In the province of Bari, at Andria, Trani, Corato, Bitonto, Spinazzola, Barletta, Bari, and Bisceglie. In the province of Foggia, at Cerignola, Trinitapoli, San Ferdinando di Puglia, and Margherita di Savoia. The province of Lecce at this date remains free from infection, and it is to be remembered that these three provinces compose the region or district of Apulia.

The following figures represent as nearly as can be arrived at the incidence and mortality up to and including August 20:

	Cases.	Deaths.
Trani	50	33
Barletta	16	10
Andria	9	8
Bitonto	1	1
Bisceglie	2	2
Spinazzola	1	1
Bari	1	.....

The statistical information from the other points is not at this date available, but the number of cases and deaths is small.

Measures taken by the authorities.—Inspectors and commissioners were promptly sent from the central sanitary office at Rome to the infected district and the measures taken by them have been thorough and seem to have had good results. The situation to-day is considerably improved. Travel in the infected district is being restricted and regulated; towns are being cleaned and put in better sanitary condition, and arrangements have been made for the distribution of drinking water from the aqueduct of Ofanto, a source of great purity. Bari will receive 150 cubic meters daily, and Barletti, Trani, and Bisceglie, each about 100 cubic meters. Prohibitions have already been put in force as to the sale of fruits, especially melons, tomatoes, cucumbers, and other articles of food, such as snails, oysters, and mussels. The exportation of fruits, vegetables, etc., from the infected districts has also been prohibited. Hospitals have been organized in all towns, and large quantities of disinfectants have been distributed, while all doubtful wells have been closed, and all suspected cisterns have been ordered cleaned and refilled with the pure water mentioned above. Special precautions have also been taken at all the ports which have Russian connections.

Conditions in Naples.—Naturally there is some uneasiness in Naples, and the sanitary authorities have been spurred to great activity. With the careful regulation of railroad travel much of the risk to Naples will be removed. The water supply of the city is such, and its source is so removed from all human habitation, and so carefully policed and guarded, that a water-borne epidemic of cholera is, humanly speaking, impossible. But should cases be introduced into the lower quarters of the city, there would undoubtedly be contact epidemics or at least outbreaks. Sanitary matters are receiving the careful consideration of the proper authorities, and there is no sense of false security with its attendant danger.

The relation of the outbreak to emigration.—This aspect of the subject is the one of the most importance to the sanitary authorities of the United States, and I am glad to be able to report a satisfactory condition of affairs. As previously mentioned, detention of persons and the disinfection of their baggage and effects was begun coincidentally with the first alarm. The Italian commissioner-general of emigration came at once to Naples, and with him and the representatives of the various steamship companies arrangements have been completed as follows:

I. Pending the inauguration of measures to be hereafter detailed the movement of emigration from the infected provinces to Naples by rail will be prohibited.

II. As soon as the necessary arrangements can be made, all would-be emigrants from the infected provinces will be collected in a clean town, under proper sanitary regulations, and brought to Naples on special trains, which trains will be under the supervision of military medical officers, and the trains will be equipped with all necessary emergency supplies and provided with a sufficient force of military hospital stewards and nurses.

III. Arriving in Naples, the emigrants will be carried from a special station, on special tenders or lighters, to a hospital or receiving ship which will be moored off the end of the mole. This ship will be

capable of receiving 400 or more emigrants, will have some bathing facilities, a sulphur furnace, facilities for the disinfection of the clothing in which the emigrants arrive, special arrangements for the disinfection of all excreta prior to discharge into the waters of the bay, a clinical laboratory for diagnostic use, and in addition to the regular complement will have on duty a naval medical officer and a force of naval stewards and nurses, and to this ship Acting Assistant Surgeon Buonocore and I will have access at all times. Under these conditions the emigrants will be detained five full days, and then brought to the regular place of embarkation for the medical examination. The present shore facilities for the disinfection of personal effects are ample and are under our control. Should any case of cholera make its appearance on the receiving ship, the ship, with all on board, will at once put to sea and repair to the quarantine station on the Island of Sardinia and her place will be taken by another ship. The vessel will be ready for the reception of passengers August 29.

Doctor Geddings further reports, August 29:

Status of Cholera in Italy during the Week ended August 27.

	Cases.	Deaths.
Province of Bari:		
Andria.....	15	9
Barletta.....	68	46
Bitonto.....	1	0
Canosa.....	6	2
Grumo Appula.....	1	0
Molfetta.....	2	0
Ruvo.....	3	1
Spinazzola.....	6	2
Trani.....	33	29
Province of Foggia:		
Cerignola.....	8	2
San Ferdinando.....	1	3
Margherita di Savoia.....	9	7
Ortanova.....	1	0
Trinitapoli.....	16	5
Province of Potenza:		
Genzano.....	2	1
Palazzo San Gervasio.....	1	1

Genzano and Palazzo San Gervasio are in the district of the Province of Potenza which adjoins the Province of Bari.

NAPLES—Examination of Emigrants—Smallpox.

Doctor Geddings reports, August 22:

Vessels inspected at Naples and Palermo week ended August 19, 1910.

NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Aug. 15	Duca d'Aosta	New York	439	75	850
17	Madonna	do	498	60	680
17	Pannonia	do .....	.....	.....	.....
18	Principe di Piemonte	do	302	35	380
18	San Giovanni	do	235	20	230
19	Mendoza	do	675	80	720
19	Konig Albert	do	301	35	450
20	Verona	Philadelphia	1,040	150	1,100
	Total .....	.....	2,339	455	3,490

PALERMO.

Aug. 19	San Giovanni	New York	371	600	200
19	Principe di Piemonte	do	172	285	60
	Total .....	.....	443	885	260

Rejection recommended.

NAPLES.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Suspected favus.	Other causes.	Total.
Aug. 15	Duca d'Aosta	10	1	10	.....	2	23
17	Madonna	7	1	2	.....	8	18
17	Pannonia .....	.....	.....	.....	.....	.....	.....
18	Principe di Piemonte	11	1	6	.....	2	10
18	San Giovanni	3	.....	3	.....	2	8
19	Mendoza	6	.....	10	.....	6	12
19	Konig Albert	9	2	3	.....	3	17
20	Verona	22	2	15	.....	16	5
	Total	68	7	49	.....	39	113

PALERMO.

Aug. 19	San Giovanni	20	.....	16	.....	5	41
19	Principe di Piemonte	7	.....	10	.....	4	21
	Total	27	.....	26	.....	9	62

Smallpox in Naples.—During the week ended August 21 3 cases of smallpox were reported at the health office of the city of Naples.

RUSSIA.

ODESSA—Cholera and Plague.

Consul Grout reports, August 13:

During the week ended August 12, 72 new cases of cholera and 31 deaths were reported. At the close of the week there were 83 cases remaining in hospital. To date there have been reported 462 cases of cholera, with 230 deaths.

From August 7 to 13, inclusive, 2 cases of plague, with 1 death, were reported. Fifteen cases of suspect plague were removed to hospital.

The chief medical officer of south Russia reports as follows relative to the outbreak of plague in Odessa:

"A patient with symptoms not recognized was brought to the Odessa town hospital on June 4 and was placed in one of the general wards. This patient died on June 8. As the case attracted a certain amount of interest, a post-mortem examination was held the day after death, and it was found to be a case of plague. A considerable number of rats obtained from the neighborhood where the patient had lived were examined bacteriologically, but not one was found to be infected with the disease. This apparently quite isolated case remained a mystery. None of the many persons who had come in contact with this patient showed the least sign of having caught the disease. Two months later a post-mortem examination was held (July 27) the subject of which had been brought to the hospital the day before. This examination revealed another case of plague. This case was speedily followed by 2 more cases. Up to the present time there have been 7 deaths from verified plague, and there remain 13 cases bacteriologically verified and 13 under observation. Thus far not one of the persons found ill with plague seems to have contracted it from another patient, but all seem to have taken it from some primary cause. All of the houses from which plague patients have been taken have been found infested with rats, but no plague rats have been found. Disinfection of suspected places and destruction by fire of property considered contaminated are rigorously carried out."

It is stated that almost every case of plague in Odessa has been that of a person living or working upon the ground floor of a building. The governor of Odessa has ordered that all such places within the infected district be cemented and made rat proof.

ROSTOV ON DON—Cholera.

Consular Agent Martin reports, August 12:

The epidemic of cholera is rapidly decreasing, only about 10 cases being reported daily. From the northern Caucasus cholera is reported to be gradually penetrating every village, the number of deaths from the disease being considerable.

ZANZIBAR.

ZANZIBAR—Plague.

Consul Garrels reported to the Department of State September 10 the occurrence of a case of plague at Zanzibar, Zanzibar.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX.

Reports Received During Week Ended September 16, 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.
Austria, general	Sept. 13 .....	.....	.....	In 8 localities on Danube between Kressburg and Mohacs.
Vienna	Aug. 21-27	2	1	
China:				
Amoy	July 17-Aug. 6 .....	.....	2	
Hankow	Aug. 1-6	2	1	
Germany:				
Kalthoff	Sept. 14	10	6	Suburb of Marienburg.
India:				
Calcutta	July 17-23 .....	.....	18	
Kurrachee	July 24-30	1	1	
Negapatam	July 8-15 .....	.....	22	
Rangoon	July 24-30 .....	.....	1	
Java:				
Batavia	July 24-30	25	12	
Russia, general				May 8-Aug. 6, cases, 81,083; deaths, 85,759; July 24-30, cases, 15,244; deaths, 6,944.
Astrakhan, government ..	July 24-30	240	100	
Baku, government	July 24-30	132	74	
Baku	July 24-30	118	41	
Black Sea, province	July 24-30	95	35	
Cronstadt	July 24-30	8	2	
Daghestan, territory	July 24-30	31	19	
Don, territory	July 24-30	3	2	
Ro-stov on Don	July 24-30	133	26	
Eriwan, government	July 24-30	6	5	
Esthonia, government—				
Reval	July 24-30	1	.....
Kaluga, government	July 24-30	1	.....
Kharkov, government	July 24-30	246	120	
Khazan, government	July 24-30	79	39	
Kherson, government—				
Odessa	July 24-30	106	49	Aug. 1-30, cases 126; deaths 78.
Kief, government	July 24-30	72	24	
Kostroma, government	July 24-30	258	122	
Kuban, territory	July 24-30	2,416	1,324	
Kursk, government	July 24-30	678	245	
Mophilev, government	July 24-30	31	6	
Moscow, government	July 24-30	1	1	
Moscow	July 24-30	4	2	Aug. 7-13, cases 20; deaths 7.
Nizhni-Novgorod, gov't ..	July 24-30	155	50	
Novgorod, government	July 24-30	25	9	
Orenburg, government	July 24-30	116	46	
Podolia, government	July 24-30	54	22	
Pensa, government	July 24-30	63	25	
Perm, government	July 24-30	41	15	
Poltava, government	July 24-30	307	129	
Rjasan, government	July 24-30	222	78	
St. Petersburg, gov't	July 24-30	27	11	July 24-Aug. 6, 712 cases, 364 deaths.
Sarapul, government	July 24-30	529	283	
Samara, government	July 24-30	655	278	
Saratov, government	July 24-30	237	100	
Simbirsk, government	July 24-30	172	69	
Smolensk, government	July 24-30	3	2	
Syr Darya, territory	July 24-30	4	2	
Tambov, government	July 24-30	647	328	
Taurida, government	July 24-30	191	101	
Kertsch	July 24-30	17	11	
Tchernigov, government ..	July 24-30	134	45	
Terek, territory	July 24-30	475	192	
Tiflis, government	July 24-30	164	74	
Tula, government	July 24-30	10	4	
Turgai, territory	July 24-30	1	.....
Tver, government	July 24-30	4	.....
Ufa, government	July 24-30	54	47	
Viatka, government	July 24-30	67	36	
Vitebsk, government	July 24-30	8	2	
Vladimir, government	July 24-30	7	2	
Volhynia, government	July 24-30	15	8	
Yaroslavl, government	July 24-30	102	42	
Yekaterinislav, gov't	July 24-30	1,799	822	
Straits Settlements:				
Singapore	July 17-23	10	8	

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

Reports Received During Week Ended September 16, 1910.

YELLOW FEVER.

Place.	Date.	Cases.	Deaths.	Remarks.
Brazil: Manaos	Aug. 7-13	2	2	

PLAGUE.

Brazil: Bahia	July 18-22	1	1	
Egypt: Alexandria	Aug. 3-9	2	1	
Port Said	June 14-Aug. 16	24	11	
Provinces— Assiout	Aug. 5-13	1	1	
Assouan	June 8	1	1	
Dahkaleh	June 23-July 22	1	1	
Menouf	June 23-July 22	32	7	
India: Bombay	Aug. 3-9		36	
Calcutta	July 17-23		19	
Rangoon	July 24-30		20	
Mauritius	June 3-30	4	2	
Russia: Odessa	July 18-Aug. 9	17	5	Including cases and deaths previously reported.
Zanzibar: Zanzibar	Sept. 10	1		

SMALLPOX.

Argentina: Mendoza, province	July 27			Epidemic.
San Juan, province	July 27			Do.
Brazil: Bahia	July 18-29	29	19	
Santos	July 10-16	1	2	
Canada: Toronto	Aug. 21-27	1		
Victoria	Aug. 21-27	1		
Ceylon: Colombo	July 24-30		1	
France: Paris	Aug. 7-20	5		
Hawaii: Hilo	Sept. 10	1		On s. s. <i>Wilhelmina</i> , from San Francisco via Honolulu.
India: Bombay	Aug. 3-9		2	
Madras	July 23-Aug. 5		4	
Rangoon	July 24-30		2	
Italy: Naples	Aug. 15-21	3		
Portugal: Lisbon	Aug. 14-20	54		
Russia: Moscow	Aug. 7-13	4	2	
St. Petersburg	July 24-Aug. 6	27	12	
Straits Settlements: Singapore	July 17-23	8	1	
Uruguay: Montevideo	June 1-30	216	105	
Zanzibar: Zanzibar	July 17-23		11	

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

Reports Received from June 25 to September 9, 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.
Austria:				
Galicia—				
Padwoloczyaska	June 20.....	1	1	From Russia.
China:				
Amoy	Aug. 8			Present.
Fatsan	July 1			Epidemic.
Hongkong	July 10-16	9	6	Imported.
Swatow	May 10-June 6		254	In vicinity from 3,000 to 4,000 deaths.
Colombo:				
Ceylon	July 3-9	1		
Germany:				
Ruhleben (near Berlin) ..	June 23-27	2	2	Among Russian emigrants.
Spandau (near Berlin)....	Aug. 29	2	1	
India:				
Bombay	June 8-Aug. 2		18	
Calcutta	May 1-July 16		405	
Madras	May 21-June 2		2	
Moulmine	May 1-7	1	1	
Negatapam	Apr. 16-July 8		128	
Rangoon	May 8-July 23		13	
Italy:				
Puglia, province	Aug. 20	70	60	In 8 localities, mainly at Trani. Imported from Russia.
Japan:				
Awaji Island	July 22-28	3		
Ibogan	Aug. 5	3	1	
Java				
Batavia	May 8-July 23	235	173	June 18, present in extreme eastern part. July 2, present in the interior.
Samarang	May 8-June 4	187	152	Mainly among natives. July 30, disappearing from interior and from the coast.
Soerabaya	May 8-June 11	62	36	
Netherlands:				
Rotterdam	July 23-29	1		From a vessel from Russia.
Persia:				
Ardabil	July 1-6	20	6	
Philippine Islands:				
Manila	May 22-July 23	87	62	
Provinces—				
Batangas	May 1-July 23	66	26	
Bulacan	May 1-July 23	484	334	
Cavite	June 12-18	1		
Mountain Province	June 26-July 23	3	2	
Nueva Ecija	June 26-July 23	200	135	
Pampanga	Apr. 24-July 23	147	137	
Pangasinan	Apr. 24-July 23	2,752	2,090	
Rizal	June 12-July 23	39	23	
Tarlac	May 8-June 23	78	61	
Union	May 1-28	2	1	
Russia, general				May 8-Aug. 6, cases 81,683, deaths 35,759. June 25, present in districts of Igoumen, Mazir, Pinsk, Retchitsk, and Sloutsk.
Archangel, government—				
Archangel	July 17-23	1		
Astrakhan, government....	July 3-23	386	177	
Baku, government	May 29-July 23	353	166	
Baku	July 3-23	68	37	
Bessarabia	June 5-July 23	46	16	
Black Sea, province	July 3-23	216	75	
Cronstadt	July 17-23	2		
Daghestan, territory	July 17-23	21	11	
Don, territory	May 29-July 23	6,914	3,043	
Rostov on the Don	June 19-July 23	1,776	550	
Kaluga, government	July 17-23	7		
Kharkov, government	May 29-July 23	1,483	649	
Khazan	June 26-July 23	59	26	
Kherson, government	May 29-July 23	1,317	475	
Odessa	May 29-July 23	193	104	June 18-20—Fatal case on steamship Colenzo. July 10-30, cases 252, deaths 118.
Kief, government	May 29-July 23	626	248	
Kostroma, government....	July 10-23	84	40	
Kuban, government	May 29-July 23	6,254	3,223	
Kursk, government	June 26-July 23	280	101	
Minsk, government	May 29-June 25	61	16	
Mohilev, government	May 15-June 18	15	9	

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

Reports Received from June 25 to September 9, 1910.

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Russia—Continued.				
Moscow, government—				
Moscow	July 10-23	6	3	
Nizhninogorod, govern- ment	July 3-23	170	55	
Novgorod, government	July 17-23	1	1	
Orel, government	May 30-July 16	5	3	
Orenburg, government	July 17-23	121	31	
Orlov	July 3-9	22	8	
Perm, government	July 17-23	14	4	
Podolia, government	July 3-23	54	14	
Pensa, government	July 10-23	32	10	
Poltava, government	May 29-July 23	1,202	434	
Rjasan, government	July 3-23	243	94	
St. Petersburg, govern- ment—	July 10-23	14	7	
St. Petersburg	June 19-July 23	256	63	
Samara, government	June 19-July 23	786	418	
Sarapul, government	July 17-23	1	1	
Saratov, government	June 19-July 23	873	373	
Simbirsk, government	June 19-July 23	152	60	
Stavropol, government	June 26-July 23	554	262	
Tambov, government	June 19-July 23	227	94	
Taurida, government	May 29-July 23	1,427	518	
Kertsch	May 29-July 23	282	127	
Sebastopol	June 19-July 9	10	4	
Theodosia	June 19-25			Present.
Terek, territory	June 19-July 23	584	246	
Tiflis, government—	July 17-23	180	70	
Tiflis	June 19-July 16	113	41	
Tschernigov	May 29-July 23	696	250	
Trans-Caspian, territory	July 3-16	5	5	
Trans-Caucasia—				
Tschernomorsk, dis- trict—				
Novorossysk	June 19-July 3	7	6	
Tula, government	July 10-23	7	2	
Ufa, government	July 10-23	7	4	
Vitebsk, government	May 29-July 23	20	1	
Veronesch, government	May 29-July 9	19	13	
Volhynia, government	July 3-23	23	11	
Yaroslavl, government—				
Yaroslavl	July 10-23	25	13	
Yekaterinislav, govern- ment	May 29-July 23	5,648	2,646	
Slam:				
Bangkok	May 4-July 18	648	641	
Straits Settlements:				
Singapore	May 8-July 16	64	69	

YELLOW FEVER.

Brazil:				
Bahia	Apr. 30-June 3	2	2	
Manaos	May 30-Aug. 6	26	26	
Para	May 30-Aug. 20	79	51	July 25: One death on steam- ship Augustine, en route from Para to Lisbon, 2 days pre- vious to arrival at Madeira.
Costa Rica:				
Limon	July 9-14	1	1	
San Jose	May 28-July 9	3	2	Fatal case May 28 from Barran- quilla; case June 29 from Squires; fatal case July 9 from Tivives.
Siquires	July 31	1	1	
Ecuador:				
Guayaquil	May 16-July 31	51	24	
Gold Coast:				
Sekondi	May 1-27	8	8	
Sierra Leone:				
Freetown	May 1-Aug. 1	7	7	
Sherboro	May 20			Present.
Venezuela:				
La Guaira	June 16-30		1	

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

Reports Received from June 25 to September 9, 1910.

PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
Argentina:				
Rosario	Feb. 1-28	1	1	
Tucuman	Feb. 26-May 31	37	16	
Brazil:				
Bahia	Apr. 30-July 15	5	5	
Pernambuco	Apr. 1-15	1	1	
Rio de Janeiro	June 5	1		
Chile:				
Iquique	May 8-July 30	35	11	
Mejillones	Apr. 27			Present.
Pisagua	Apr. 1-May 31	14	4	
Taltal	Apr. 1-27	12		
China:				
Amoy	July 3-30		9	May 8-June 11, 8 to 12 deaths daily.
Kulangsu, international city.	June 5-11		1	
Canton	July 13-30	38	27	
Chao Yang district	May 5-19		3,000	Mainly at Ho Peng. Present also at Chelin, Feng-chow-so, Taipushien, and Tsai-tang-shi.
Chang-pu district	June 11			Epidemic.
Ching-chew district	June 11			Do.
Hankow	May 15-23	5	3	
Hongkong	May 8-July 24	11	11	
Swatow	June 1-July 11			Present in vicinity.
Ecuador:				
Guayaquil	May 16-July 31	18	4	
Egypt:				
Alexandria	May 24-Aug. 2	18	11	
Ishmalia	June 19	1	1	
Port Said	June 14-Aug. 2	9	11	
Provinces—				
Assiout	May 26-Aug. 4	16	8	
Asouan	Apr. 30-June 8	2	1	
Beni Souef	May 27-June 29	8	5	
Galloobeeh	May 21-July 29	8	1	
Garbieh	May 14-July 4	21	8	
Fayoum	May 28-July 11	20	14	
Kena	May 27-June 18	24	22	
Menouf	May 24-June 22	35	15	
Minieh	May 31-Aug. 3	38	7	
Hawaii:				
Honolulu	July 5-12	2	2	
India:				
Bombay	May 18-Aug. 2		727	
Calcutta	May 1-July 16		462	
Kurrachee	May 15-July 30	267	259	
Madras	June 25-July 1		1	
Rangoon	May 8-July 23		340	
Bombay Presidency and Sind.	May 1-July 16	2,831	2,459	
Madras Presidency	May 1-July 16	275	208	
Bengal	May 1-July 16	1,220	1,104	
United provinces	May 1-July 16	6,111	5,609	
Punjab	May 1-July 16	43,740	38,133	
Burma	May 1-July 16	1,359	1,285	
Eastern Bengal and Assam	June 12-July 9	48	45	
Central provinces, including Berar.	May 1-July 16	196	129	
Mysore State	May 1-July 16	283	202	
Hyderabad State	May 1-July 16	101	76	
Central India	May 1-July 16	28	22	
Rajputana and Ajmer-Merwara.	May 1-July 16	7,881	6,991	
Kashmir	May 1-June 11	58	49	
North West Province	June 12-18	3	3	
Grand total		64,184	56,310	
Japan:				
Formosa	May 8-June 18	16	12	
Osaka	May 1-June 25	9	9	
Malta:				
Valletta	July 16	1		In quarantine station on Comino Island, from s. s. North Wales.
Mauritius:				
Apr. 1-June 2		10	7	
New Zealand:				
Auckland	May 23	1		

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

Reports Received from June 25 to September 9, 1910.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Persia:				
Bouchir.....	Apr. 29-June 25...	51	40	
Peru:				
Arequipa Department....	Mar. 1-31.....	16	8	
Mollendo.....	.....	.....	.....	May 16-June 19, 1 case, 1 death.
Callao Department.....	Mar. 1-31.....	2	.....
Callao.....	May 12-19.....	2	.....	Case May 12 from s. s. Victoria; case May 19 from s. s. Nicarie.
Lambayeque Department.	Mar. 1-31.....	25	10	
Libertad Department.....	Mar. 1-31.....	32	20	
Lima Department.....	Mar. 1-31.....	15	9	
Piura Department.....	Mar. 1-31.....	6	3	
Rhodes:				
Aplakia.....	May 22-23.....	.....	.....	Present.
Russia:				
Astrakhan government—				
Khirgiz Steppe.....	June 26-July 7....	13	12	In Kalmuk and Narinsk.
Odessa.....	July 23-Aug. 7....	6	3	
St. Petersburg.....	May 6-23.....	3	3	
Siam:				
Bangkok.....	Apr. 25-July 18..	22	20	
Straits Settlements:				
Singapore.....	May 8-23.....	3	3	
Trinidad:				
Port of Spain.....	May 15-July 14..	2	2	
Tunis:				
Tunis.....	June 30.....	5	3	
Turkey in Asia:				
Basra.....	June 12-13.....	1	1	
Lobeia.....	May 1-24.....	25	27	And vicinity.
Venezuela:				
Caracas.....	July 30-Aug. 13..	2	2	

SMALLPOX.

Abyssinia:				
Adis Ababa.....	May 16-July 30...	.....	.....	Present.
Argentina:				
Buenos Aires.....	Feb. 1-May 31....	.....	292	
Rosario.....	Feb. 1-June 30..	4	4	Report for February received out of date.
Algeria:				
Bona.....	May 1-31.....	1	1	
Arabia:				
Maskat.....	July 19-23.....	1	.....
Australia:				
Victoria, general.....	Apr. 3-19.....	1	1	
Austria:				
Bukowina.....	July 10-16.....	1	.....
Gallcia.....	May 29-July 23..	5	.....
Barbados.....	Aug. 16.....	1	.....	From steamship Byron.
Belgium:				
Antwerp.....	July 24-30.....	1	.....
Ghent.....	July 24-30.....	.....	1	
Brazil:				
Bahia.....	Apr. 30-July 15..	230	174	
Manaos.....	Aug. 6.....	.....	.....	Present.
Para.....	May 29-Aug. 20..	43	18	
Pernambuco.....	Mar. 16-May 15..	.....	203	
Rio de Janeiro.....	Apr. 18-24.....	1	.....
Santos.....	May 22-June 25..	.....	9	
Sao Paulo.....	June 12-25.....	.....	4	
Canada:				
British Columbia—				
Fernie.....	June 12-25.....	4	.....
Vancouver.....	May 1-31.....	.....	2	
Manitoba—				
Winnipeg.....	June 19-25.....	1	.....
Nova Scotia—				
Halifax.....	June 14-Aug. 27..	12	.....
Pictou.....	June 12-July 23..	9	1	
Sydney.....	July 3-16.....	20	.....
Ontario—				
Toronto.....	June 5-Aug. 6....	11	.....
Ceylon:				
Colombo.....	June 26-July 2....	1	.....

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

Reports Received from June 25 to September 9, 1910.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Chile:				
Antofagasta.....	July 3-9.....	4		
Chilean.....	May 14.....			Epidemic.
Santiago.....	June 19-25.....			Present.
Valparaiso.....	May 19-July 20.....	127		Deaths not reported.
Victoria.....	May 14.....			Present.
China:				
Canton.....	May 8-28.....	9		
Chefoo.....	June 18-July 2.....	1	1	June 5—Present. July 2—One case from a vessel.
Hongkong.....	May 8-July 25.....	5	2	
Nanking.....	May 7-July 30.....			Present.
Shanghai.....	May 22-Aug. 7.....	5	43	Cases among foreigners, deaths among natives. June 9—Three cases from U. S. cruiser New Orleans from Nanking.
Swatow.....	June 6-July 17.....			Present.
Tsingtau.....	June 12-18.....	2		
Egypt, general.				
Alexandria.....	Apr. 30-June 17.....	415	85	
Cairo.....	May 1-June 30.....	4	10	
Cairo.....	May 21-Aug. 6.....	10	5	
Suez.....	May 21-27.....	1		
France:				
Paris.....	May 29-Aug. 6.....	27		
Germany, general.				
Hamburg.....	May 29-Aug. 6.....	18		
Hamburg.....	June 5-11.....	1		
Gibraltar.....	June 20-July 17.....	4	1	
Great Britain:				
Liverpool.....	July 17-Aug. 20.....	2		
London.....	June 19-Aug. 6.....	6		
South Shields.....	May 22-June 4.....	4	1	
India:				
Bombay.....	May 18-Aug. 2.....		112	
Calcutta.....	July 10-16.....		1	
Kurrachee.....	May 15-July 16.....	12	3	
Madras.....	May 14-July 8.....		9	
Rangoon.....	May 8-July 2.....		34	
Italy, general.				
Genoa.....	May 30-Aug. 7.....	66		
Genoa.....	June 16-30.....	1		
Naples.....	May 30-Aug. 14.....	85	17	June 26—One case from s. s. San Giovanni. One case, July 8, on s. s. Pannonia.
Japan:				
Formosa.....	May 22-July 16.....	3	4	
Java:				
Batavia.....	May 22-July 16.....	3		
Korea:				
Fusan.....	May 1-7.....	1		
Seoul.....	May 26-July 2.....	3	4	
Malta.....	May 22-July 30.....	18	2	
Mexico:				
Aguascalientes.....	June 5-Aug. 6.....		26	
Guadalajara.....	June 11-July 2.....		6	
Mexico.....	May 15-Aug. 6.....		22	
San Luis Potosi.....	May 29-July 30.....	9	5	
Veracruz.....	July 3-9.....	1		
Persia:				
Kerman.....	July 2.....			Present.
Teheran.....	May 1-31.....		28	Among pilgrims.
Portugal:				
Lisbon.....	May 29-Aug. 18.....	515		Jan. 1-July 9, deaths 112.
Russia:				
Libau.....	May 30-Aug. 14.....	140	8	
Moscow.....	May 22-Aug. 6.....	155	61	
Odesa.....	May 22-July 30.....	60	12	
Riga.....	May 29-Aug. 20.....	301		Apr. 1-May 31, deaths 35.
St. Petersburg.....	May 8-July 23.....	399	190	
Warsaw.....	Mar. 6-June 4.....		131	
Siam:				
Bangkok.....	Apr. 25-June 18.....	3	3	
Siberia:				
Vladivostok.....	Apr. 22-July 21.....	6		
Spain:				
Almeria.....	June 1-30.....		1	
Barcelona.....	May 31-Aug. 21.....		13	
Cadiz.....	May 1-31.....		1	
Madrid.....	May 1-July 31.....		5	
Seville.....	May 1-July 31.....		4	
Valencia.....	June 19-July 23.....	6		
Vigo.....	June 12-July 30.....		4	

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

Reports Received from June 25 to September 9, 1910.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Straits Settlements:				
Penang	May 29-July 9....	2	1	
Singapore.....	May 8-July 23....	80	27	
Switzerland:				
Thurgau, Canton	July 10-16.....	1		
Zurich, Canton.....	June 19-July 16..	7		
Tripoli:				
Tripoli.....	June 12-18.....	1		
Turkey in Asia:				
Basra.....	June 6-11.....			Present.
Uruguay:				
Montevideo.....	Apr. 1-May 31....	438	168	
San Jose.....	July 7.....			Do.
Zanzibar:				
Zanzibar.....	June 1-July 21....		22	

MORTALITY.

WEEKLY MORTALITY TABLE, FOREIGN AND INSULAR CITIES.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—																
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhoid fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.						
Aberdeen	Aug. 20	185, 703	36																	
Amsterdam	Aug. 27	571, 225	109	20							1		1							
Antwerp	Aug. 13	326, 351	50	6																
Athens.....	do	250, 010	74	14							4									1
Bahia	July 22	286, 000	103	10	1			14												
Do	July 29		93	11				5												
Barcelona	Aug. 21	591, 272	275	22																
Barranquilla.....	Aug. 13	40, 000	23	1				1							1		2			1
Do	Aug. 20		26	1																
Bombay	Aug. 9	977, 822	705	65	36				2											
Brussels	Aug. 13	562, 895	164	18																3
Do	Aug. 20		183	16							1	1		3						1
Calcutta	July 23	847, 796	317	23	19	18														
Colombo	July 30	187, 554	127	16				1			3									
Chihuahua.....	Aug. 28	37, 000	43	2																
Cienfuegos.....	Aug. 20	70, 416	13	1											1					
Copenhagen.....	Aug. 13	465, 000	116	8								2			2					1
Dublin	do	402, 928	143	29								1			1					3
Do	Aug. 20		126	24								2			2					2
Edinburgh.....	do	360, 276	103	12											3					1
Gibraltar.....	Aug. 21	26, 830	4																	
Hamburg	Aug. 20	895, 804	248	27							2				3					5
Hongkong	July 16	336, 488				36					2									
Do	July 24				1															
Ghent	Aug. 13	165, 475	56	2											1					3
Paris	Aug. 13	2, 776, 304	759	187							3				3					11
Do	Aug. 20		767	166							3				5					7
London	do	7, 537, 196	1, 350								3				5					19
Lubeck	do	96, 000	31	2											1					
Lyons	Aug. 13	500, 000	147	26											4					
Madras	July 29	550, 000	414					2			1									1
Do	Aug. 5		432					2			3									1
Magdeburg.....	Aug. 13	279, 063	101	6							3				2					
Manaos	do	50, 000	46	3			2													
Manchester.....	Aug. 20	631, 533	174	22							1	1								10
Matanzas.....	July 16	36, 009	23	2																1
Do	July 23		26	3																1
Mexico	July 30	500, 000	404	14				2	9											3
Monterey.....	Aug. 21	100, 000	43	3																1
Do	Aug. 28		38	4							1	2								1

* Imported.

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.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Montreal.....	Aug. 27	450,000	197	13						6		4		2
Moscow.....	Aug. 13	1,500,000	815	67		7		2	2	7	14	15	7	1
Nantes.....	Aug. 14	161,908	53	15						1			3	
Newcastle-on-Tyne.....	Aug. 20	285,891	83	6								1	3	1
Nottingham.....	Aug. 13	260,000	57							2		1	1	2
Nueva Laredo.....	Aug. 27	9,000	1							1				
Nuremberg.....	July 23	323,500	97	17									4	8
Do.....	July 30		88	8								1	2	3
Do.....	Aug. 6		95	12								1	2	1
Odessa.....	do.....	546,000	217	10						1	10	6	2	1
Do.....	Aug. 13		293	18	3	31					5		7	2
Penang.....	July 9	103,582	63	10				1		1				
Do.....	July 23		74	15						2				
Rangoon.....	do.....	252,155	202	14	31	1								
Do.....	July 30		188	14	20	1		2						
Rotterdam.....	Aug. 20	422,937	88							1				
St. Johns.....	do.....	31,000										2		
St. Petersburg.....	July 30	1,678,000	901	80		157		7		15	12	17	27	5
Do.....	Aug. 6		961	91		217		5		17	15	15	10	7
Salaverry.....	July 26	1,800							2					
Salina Cruz.....	Aug. 13	4,500								1				
San Luis Potosi.....	Aug. 6	82,479						1	1					
Do.....	Aug. 13		75	8										
Santa Cruz de Tenerife.....	do.....	46,000												1
Santiago de Cuba.....	Aug. 27	45,497	27									1		
Santos.....	July 9	85,000	27	3								1		
Do.....	July 16		33	7								1		
Seoul.....	July 9	38,884							2					
Shanghai.....	July 24	565,000	176	7				5				1		
Do.....	July 31		224	3										
Do.....	Aug. 7		204	12								2		
Sheffield.....	July 30	472,000	124	11									1	7
Do.....	Aug. 6		95	11				1					2	4
Do.....	Aug. 13		104	14								2	1	3
Do.....	Aug. 20		110	7										2
Singapore.....	July 16	271,060	255	34		6		5						
Do.....	July 23		261	29				1						
Smyrna.....	July 2	400,000	98	10							2		1	
Do.....	July 9		133	21							2	7	1	
Do.....	July 16		53	6						1	1			
Southampton.....	Aug. 20	127,157	27	2								1		
Stettin.....	July 30	239,000	81	7						1	2			
Do.....	Aug. 6		93	12							1			
Do.....	Aug. 13		106	7						1			1	2
Stockholm.....	July 30	341,816	74	13							2	2		1
Do.....	Aug. 6		100	16						1	1			1
Do.....	Aug. 13		76	13						1	1	2		
Sydney, N. S.....	Aug. 20	16,000	10	1									1	
Do.....	Aug. 27		14							1				
Tamatave.....	June 18	7,086								1	1			
Talcahuana.....	July 23	28,000			2					1			2	1
Trieste.....	Aug. 13	221,124	88								1			
Turin.....	Aug. 4	391,985	143	18						2		1		4
Do.....	Aug. 11		106	15						1	1		1	1
Valencia.....	Aug. 6	240,000	89	8						1				1
Do.....	Aug. 13		76	2						1		1		
Do.....	Aug. 20		58	3							1	1		
Valletta.....	Aug. 13	215,879	113	3						1				
Venice.....	Aug. 9	183,224	69	7						9	1	1	1	
Vienna.....	Aug. 6	2,107,981	561	88						2	6	4	5	3
Do.....	Aug. 13		553	86						1	1	3	2	2
Vigo.....	July 31	40,000	12	3						1				
Vladivostok.....	June 28	90,612	9	1							1			
Do.....	July 5		4	1					1					
Warsaw.....	May 28	764,054	238	43				4		2	3	4	7	2
Do.....	June 4		259	30				4			9	3	4	5
West Hartlepool.....	Aug. 6	66,750	16							1				6
Do.....	Aug. 20		12											
Winnipeg.....	Aug. 24	135,000	31	1								1		
Yokohama.....	Aug. 1	407,432								1		1		

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

AZORES—*St. Michaels.*—Month of May, 1910. Population, 131,183. Total number of deaths from all causes 276, including tuberculosis 7.

CANADA—*Vancouver.*—Month of July, 1910. Population, 78,900. Total number of deaths from all causes 71, including measles 1 and tuberculosis 9.

Yarmouth.—Month of July, 1910. Population, 6,700. Total number of deaths from all causes 9, including diphtheria 1 and tuberculosis 1.

CHILE—*Punta Arenas.*—Month of April, 1910. Population, 12,000. Total number of deaths from all causes 32, including tuberculosis 4.

EGYPT—*Alexandria.*—Month of June, 1910. Population, 720,000. Total number of deaths from all causes not reported. Deaths from contagious diseases include typhus fever 5, typhoid fever 9, smallpox 3, measles 38, scarlet fever 1, diphtheria 4, plague 3, tuberculosis 63.

FRANCE—*Nice.*—Month of June, 1910. Population, 150,881. Total number of deaths from all causes, 204, including typhoid fever 2, measles 1, diphtheria 1, tuberculosis 31.

GREAT BRITAIN.—Week ended July 23, 1910.

England and Wales.—The deaths registered in 77 great towns correspond to an annual rate of 11.1 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 16.3 per 1,000 of the population, which is estimated at 1,151,790. The lowest rate was recorded at Dundalk, viz, 4, and the highest at Kilkenny, viz, 24.6.

Scotland.—The deaths registered in 8 principal towns correspond to an annual rate of 12 per 1,000 of the population, which is estimated at 1,865,571. The lowest rate was recorded at Greenock, viz, 7.8, and the highest at Perth, viz, 19.6. The total number of deaths from all causes was 434, including typhoid fever 4, measles 5, scarlet fever 6, diphtheria 8.

MAURITIUS—*Port Louis.*—Month of April, 1910. Population, 373,071. Total number of deaths from all causes 998, including plague 3 and tuberculosis 57.

RUSSIA—*Riga.*—Month of May, 1910. Population, 355,000. Total number of deaths from all causes 719, including typhus fever 8, typhoid fever 7, smallpox 26, measles 6, scarlet fever 52, diphtheria 15, tuberculosis 84.

SPAIN—*Huelva.*—Month of June, 1910. Population 24,000. Total number of deaths from all causes 80, including measles 1, scarlet fever 1, diphtheria 2, tuberculosis 12.

URUGUAY—*Montevideo*.—Month of May, 1910. Population, 321,224. Total number of deaths from all causes 528, including typhoid fever 6, smallpox 102, scarlet fever 1, diphtheria 3, tuberculosis 55.

By authority of the Secretary of the Treasury:

WALTER WYMAN,

Surgeon-General,

United States Public Health and Marine-Hospital Service.