

PUBLIC HEALTH REPORTS.

VOL. XXV.

MARCH 18, 1910.

No. 11.

UNITED STATES.

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

PLAGUE-PREVENTION WORK.

Passed Assistant Surgeon McCoy reports:

SAN FRANCISCO, CAL.

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

Week ended February 19, 1910. Premises inspected, 1,238. Houses destroyed, 5. Buildings condemned, 4. Nuisances abated, 143. Poisons placed, 6,550. Rats trapped, 1,732. Rats found dead, 40. Gophers trapped, 1. Rats identified, 1,772, as follows: *Mus norvegicus*, 1,259; *Mus rattus*, 94; *Mus musculus*, 329; *Mus alexandrinus*, 90. Examined bacteriologically, 1,444 rats and 1 gopher. No plague infection found.

Week ended February 26, 1910. Premises inspected, 1,095. Houses destroyed, 8. Buildings condemned, 3. Nuisances abated, 109. Poisons placed, 6,240. Rats trapped, 1,796. Rats found dead, 27. Gophers trapped, 7. Rats identified, 1,823, as follows: *Mus norvegicus*, 1,245; *Mus rattus*, 128; *Mus musculus*, 334; *Mus alexandrinus*, 116. Examined bacteriologically, 1,496 rats and 7 gophers. No plague infection found.

OAKLAND, CAL.

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

Week ended February 19, 1910. Rats found dead, 18. Rats trapped, 576. Rats identified, 594, as follows: *Mus norvegicus*, 476; *Mus rattus*, 4; *Mus musculus*, 112; *Mus alexandrinus*, 2. Examined bacteriologically, 482. No plague-infected rats found.

Week ended February 26, 1910. Rats found dead, 8. Rats trapped, 508. Rats identified, 516, as follows: *Mus norvegicus*, 436; *Mus rattus*, 1; *Mus musculus*, 76; *Mus alexandrinus*, 3. Rats examined bacteriologically, 434. No plague-infected rats found.

FRESNO COUNTY, CAL.

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

Week ended February 26. Ranches inspected, 17. Ground squirrels shot, 697. Ground squirrels examined bacteriologically, 694. No plague-infected squirrels found.

MERCED COUNTY, CAL.

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

Week ended February 26. Ranches inspected, 9. Ground squirrels shot, 203; found dead, 1. Ground squirrels examined bacteriologically, 202. No plague-infected squirrels found.

MONTEREY COUNTY, CAL.

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

Week ended February 26. Ranches inspected, 26. Ground squirrels shot, 329. Rabbits shot, 1. Examined bacteriologically, 325 squirrels and 1 rabbit. No plague infection 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 26. Ranches inspected, 20. Ground squirrels shot, 169. Ground squirrels examined bacteriologically, 169. No plague-infected squirrels found.

SAN MATEO COUNTY, CAL.

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

Week ended February 26. Ranches inspected, 2. Ground squirrels shot, 9. Ground squirrels examined bacteriologically, 9. 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 26. Ranches inspected, 26. Ground squirrels shot, 270. Ground squirrels examined bacteriologically, 268. No plague-infected squirrels found.

SANTA CLARA COUNTY, CAL.

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

Week ended February 26, 1910. Ranches inspected, 16. Ground squirrels shot, 61. Rats trapped, 9. Mice trapped, 40. Examined bacteriologically, 61 ground squirrels, 9 rats, 40 mice. No plague infection found.

SOLANO COUNTY, CAL.

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

Week ended February 26. Ranches inspected, 3. Ground squirrels shot, 24. Ground squirrels examined bacteriologically, 24. No plague-infected squirrels found.

TULARE COUNTY, CAL.

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

Week ended February 26. Ranches inspected, 11. Ground squirrels shot, 287. Ground squirrels examined bacteriologically, 284. No plague-infected squirrels found.

VENTURA COUNTY, CAL.

There is no record of human or rodent plague in Ventura County. Week ended February 26. Ranches inspected, 7. Ground squirrels shot, 206. Ground squirrels examined bacteriologically, 201. 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 26. Rats received, 837. Rats necropsied, 713. No plague-infected rats found.

SMALLPOX IN THE UNITED STATES.

Reports Received During Week Ended March 18, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Montgomery.....	Feb. 27-Mar. 5....	18		
Arkansas:				
Little Rock.....	Mar. 5-10.....	13		
California:				
San Francisco.....	Feb. 13-26.....	7		
Connecticut.....	Feb. 1-28.....	None.		
District of Columbia.....	Feb. 27-Mar. 5....	3		
Florida:				
Alachua County.....	Jan. 1-31.....	1		
Duval County.....	Jan. 1-31.....	1		
Gadsden County.....	Jan. 1-31.....	2		
Hillsboro County.....	Jan. 1-31.....	1		
Liberty County.....	Jan. 1-31.....	1		
Walton County.....	Jan. 1-31.....	3		
Alachua County.....	Feb. 27-Mar. 5....	1		
Escambia County.....	Feb. 27-Mar. 5....	6		
Iowa, general.....	Jan. 1-31.....	19		
Buchanan County.....	Feb. 1-28.....	8		
Delaware County.....	Feb. 1-28.....	4		
Dubuque County.....	Feb. 1-28.....	35		
Floyd County.....	Feb. 1-28.....	2		
Grundy County.....	Feb. 1-28.....	4		
Jones County.....	Feb. 1-28.....	2		
Marshall County.....	Feb. 1-28.....	1		
Mitchell County.....	Feb. 1-28.....	1		
Monroe County.....	Feb. 1-28.....	1		
Polk County.....	Feb. 1-28.....	14		
Scott County.....	Feb. 1-28.....	2		
Sioux County.....	Feb. 1-28.....	11		
Story County.....	Feb. 1-28.....	17		
Winnebago County.....	Feb. 1-28.....	5		
Woodbury County.....	Feb. 1-28.....	1		
Wright County.....	Feb. 1-28.....	1		
Louisiana:				
Caddo Parish—				
Shreveport.....	Feb. 1-28.....		2	
Iberia Parish.....	Feb. 1-28.....	1		
Natchitoches Parish.....	Feb. 1-28.....	6		
Orleans Parish—				
New Orleans.....	Feb. 27-Mar. 5....	9		
Morehouse Parish.....	Feb. 1-28.....	2		
St. John Parish.....	Feb. 1-28.....	6		
Tensas Parish.....	Feb. 1-28.....	13		
Massachusetts:				
Bristol County.....	Feb. 1-28.....	6		
Middlesex County.....	Feb. 1-28.....	11		
Plymouth County.....	Feb. 1-28.....	4		
Suffolk County.....	Feb. 1-28.....	1		
Worcester County.....	Feb. 1-28.....	4		
Michigan:				
Antrim County.....	Feb. 1-28.....	11		
Arenac County.....	Feb. 1-28.....	2		
Bay County.....	Feb. 1-28.....	11		
Berrien County.....	Feb. 1-28.....	15		
Calhoun County.....	Feb. 1-28.....	1		
Cass County.....	Feb. 1-28.....	1		
Clare County.....	Feb. 1-28.....	1		
Eaton County.....	Feb. 1-28.....	1		
Emmet County.....	Feb. 1-28.....	2		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received During Week Ended March 18, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Michigan—Continued.				
Genesee County.....	Feb. 1-28.....	75		
Houghton County.....	Feb. 1-28.....	8		
Huron County.....	Feb. 1-28.....	6		
Ingham County.....	Feb. 1-28.....	3		
Ionia County.....	Feb. 1-28.....	1		
Iosco County.....	Feb. 1-28.....	3		
Kent County.....	Feb. 1-28.....	1		
Keweenaw County.....	Feb. 1-28.....	2		
Lapeer County.....	Feb. 1-28.....	5		
Manistee County.....	Feb. 1-28.....	8		
Mecosta County.....	Feb. 1-28.....	7		
Midland County.....	Feb. 1-28.....	5		
Missaukee County.....	Feb. 1-28.....	18		
Montcalm County.....	Feb. 1-28.....	2		
Montmorency County.....	Feb. 1-28.....	4		
Ogemaw County.....	Feb. 1-28.....	1		
Ontonagon County.....	Feb. 1-28.....	10		
Oscoda County.....	Feb. 1-28.....	7		
Oscoda County.....	Feb. 1-28.....	5		
Saginaw County.....	Feb. 1-28.....	24		
Saint Clair County.....	Feb. 1-28.....	14		
Sanilac County.....	Feb. 1-28.....	1		
Shiawassee County.....	Feb. 1-28.....	2		
Tuscola County.....	Feb. 1-28.....	3		
Wayne County.....	Feb. 1-28.....	2		
Minnesota:				
Anoka County.....	Feb. 1-28.....	5		
Beltrami County.....	Feb. 8-14.....	1		
Chisago County.....	Feb. 15-21.....	2		
Dakota County.....	Feb. 1-28.....	4		
Faribault County.....	Feb. 8-14.....	1		
Freeborn County.....	Feb. 8-28.....	15		
Hennepin County.....	Feb. 1-28.....	31		
Houston County.....	Feb. 8-14.....	4		
Isanti County.....	Feb. 21-28.....	1		
Itasca County.....	Feb. 21-28.....	1		
Koochiching County.....	Feb. 1-7.....	1		
Lake County.....	Feb. 8-28.....	2		
Mower County.....	Feb. 1-28.....	10		
Nicollet County.....	Feb. 15-21.....	1		
Olmsted County.....	Feb. 8-14.....	1		
Ottertail County.....	Feb. 8-28.....	10		
Pine County.....	Feb. 22-28.....	1		
Ramsey County.....	Feb. 8-28.....	4		
Red Lake County.....	Feb. 8-14.....	3		
Rock County.....	Feb. 1-21.....	5		
Roseau County.....	Feb. 1-28.....	18		
St. Louis County.....	Feb. 1-21.....	6		
Sibley County.....	Feb. 1-21.....	2		
Stearns County.....	Feb. 1-21.....	4		
Swift County.....	Feb. 8-21.....	3		
Wabasha County.....	Feb. 1-21.....	13		
Wadena County.....	Feb. 1-21.....	15		
Wilkin County.....	Feb. 15-21.....	1		
Wright County.....	Feb. 8-28.....	5		
Yellow Medicine County.....	Feb. 22-28.....	9		
Mississippi:				
Marshall County.....	Feb. 27-Mar. 5.....	1	1	
Natchez.....	Feb. 20-26.....	32	1	
Woodville.....	Feb. 27-Mar. 5.....	25	1	
Missouri:				
St. Louis.....	Feb. 27-Mar. 5.....	1		
New Jersey:				
Bergen County.....	Feb. 1-28.....	1		
North Dakota:				
Billings County.....	Feb. 1-28.....	7		
Grand Forks County.....	Feb. 1-28.....	1		
Nelson County.....	Feb. 1-28.....	12		
Steele County.....	Feb. 1-28.....	6		
Williams County.....	Feb. 1-28.....	6		
Ohio:				
Allen County.....	Feb. 1-28.....	11		
Auglaize County.....	Feb. 1-28.....	8		
Belmont County.....	Feb. 1-28.....	3		
Brown County.....	Feb. 1-28.....	1		
Franklin County.....	Feb. 1-28.....	6		
Hamilton County.....	Feb. 1-28.....	1		
Jackson County.....	Feb. 1-28.....	7		
Knox County.....	Feb. 1-28.....	1		
Miami County.....	Feb. 1-28.....	1		
Montgomery County.....	Feb. 1-28.....	1		
Portage County.....	Feb. 1-28.....	10		
Scioto County.....	Feb. 1-28.....	3		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received During Week Ended March 18, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Ohio—Continued.				
Seneca County.....	Feb. 1-28.....	3		
Shelby County.....	Feb. 1-28.....	1		
Van Wert County.....	Feb. 1-28.....	22		
Wyandot County.....	Feb. 1-28.....	4		
Tennessee:				
Chattanooga.....	Feb. 27-Mar. 5.....	6		
Knoxville.....	Feb. 27-Mar. 5.....	15		
Memphis.....	Feb. 27-Mar. 5.....	9		
Texas:				
Fort Worth.....	Feb. 1-28.....	20	2	
Normanna.....	Jan. 1-31.....	12	5	
Waco.....	Feb. 22-28.....	2		
Virginia:				
Lynchburg.....	Feb. 27-Mar. 5.....	4		
Wisconsin:				
Buffalo County.....	Feb. 1-28.....	3		
Clark County.....	Feb. 1-28.....	4		
Crawford County.....	Feb. 1-28.....	7		
Dane County.....	Feb. 1-28.....	1		
Douglas County.....	Feb. 1-28.....	9		
Grant County.....	Feb. 1-28.....	1		
Jefferson County.....	Feb. 1-28.....	13		
La Crosse County.....	Feb. 1-28.....	5		
Langlade County.....	Feb. 1-28.....	1		
Milwaukee County.....	Feb. 1-28.....	17		
Price County.....	Feb. 1-28.....	1		
Walworth County.....	Feb. 1-28.....	1		

SMALLPOX IN BEE COUNTY, TEX.

Dr. C. T. Moffett, health officer of Bee County, Tex., reports that on January 1, 1910, he was called to Normanna to see a patient who had smallpox. There were 9 other people living in the house, all of whom refused to be vaccinated, saying that they preferred smallpox to vaccination. A man and two women from another house had visited the patient before the case had been diagnosed smallpox. These three were vaccinated, but the vaccine did not take in two of them, the only successful take being in one of the women.

This made 12 persons who had been exposed to the disease, only 1 of whom had been successfully vaccinated. The 11 who had not been successfully vaccinated all contracted smallpox, the woman whose vaccination had been successful being the only one to escape.

The original case and the secondary cases made 12 in all. Of the 12, 5 died.

Reports Received from January 1 to March 11, 1910.

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

Place.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Birmingham.....	Jan. 9-Feb. 12.....	19		
Mobile.....	Jan. 16-Feb. 5.....	4		
Montgomery.....	Dec. 19-Feb. 26.....	356		
Total for State.....		379		
Arkansas:				
Argenta.....	Jan. 22-Feb. 12.....	11		
Little Rock.....	Jan. 1-Feb. 26.....	69		
Lonoke.....	Jan. 6-20.....	2		
Total for State.....		82		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to March 11, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
California:				
Berkeley.....	Dec. 2—Jan. 1.....	1		
Los Angeles.....	Jan. 12—Feb. 12.....	4		
Oakland.....	Dec. 26—Jan. 1.....	1		
Sacramento County.....	Jan. 1—31.....		1	
Sacramento.....	Dec. 12—Jan. 31.....	50		
San Francisco.....	Dec. 19—Feb. 19.....	10		
Total for State.....		66	1	
Colorado:				
Bent County.....	Feb. 1—28.....	10		
Boulder County— Boulder.....	Dec. 19—25.....	1		
Chaffee County.....	Jan. 1—31.....	6		
Concejos County.....	Jan. 1—Feb. 28.....	29		
Denver County.....	Jan. 1—Feb. 28.....	18		
Fremont County.....	Feb. 1—28.....	14		
Garfield County.....	Jan. 1—31.....	1		
Huerfano County.....	Jan. 1—Feb. 28.....	12		
Jefferson County.....	Feb. 1—28.....	1		
La Plata County.....	Feb. 1—28.....	4		
Larimer County.....	Jan. 1—31.....	4		
Las Animas County.....	Jan. 1—Feb. 28.....	14		
Logan County.....	Jan. 1—Feb. 28.....	17		
Mesa County.....	Jan. 1—31.....	4		
Fruita district.....	Dec. 26—Jan. 1.....	3		
Montrose County.....	Jan. 1—Feb. 28.....	19		
Morgan County.....	Jan. 1—Feb. 28.....	16		
Otero County.....	Jan. 1—31.....	1		
Ouray County.....	Jan. 1—Feb. 28.....	13		
Pitkin County.....	Feb. 1—28.....	5		
Pueblo County.....	Feb. 1—28.....	2		
Rio Grande County.....	Feb. 1—28.....	1		
San Miguel County.....	Jan. 1—31.....	1		
Summit County.....	Jan. 1—31.....	1		
Weld County.....	Jan. 1—Feb. 28.....	21		
Total for State.....		218		
District of Columbia.....	Dec. 19—Feb. 26.....	18		
Total for District.....		18		
Florida:				
Alachua County.....	Feb. 20—26.....	1		
Columbia County.....	Feb. 13—19.....	2		
Escambia County.....	Feb. 6—19.....	25		
Pensacola.....	Feb. 20—26.....	1		
Jacksonville.....	Jan. 30—Feb. 5.....	1		
Leon County.....	Feb. 20—26.....	1		
Total for State.....		31		
Georgia:				
Macon.....	Jan. 1—31.....	51		
Total for State.....		51		
Illinois:				
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		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to March 11, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Indiana:				
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		
Steuben County	Nov. 1-30	3		
Tippecanoe County	Dec. 1-Jan. 31	3		
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	
Iowa:				
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		
Kansas:				
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		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to March 11, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Kansas—Continued.				
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		
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	
Kentucky:				
Hartford.....	Dec. 12-18.....	2		
Lexington.....	Dec. 12-Jan. 29.....	4		
Paducah.....	Jan. 5-11.....	1		
Total for State.....		7		
Louisiana:				
New Orleans.....	Dec. 26-Feb. 26.....	57		
Shreveport.....	Jan. 23-29.....	5		
Total for State.....		62		
Maryland:				
Baltimore.....	Dec. 26-Jan. 1.....	1		
Dorchester County.....	Dec. 3-31.....	4		
Garrett County.....	Jan. 8-31.....	1		
Total for State.....		6		
Massachusetts:				
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		

SMALLPOX IN THE UNITED STATES--Continued.

Reports Received from January 1 to March 11, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Michigan:				
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		
Mecosta County.....	Jan. 1-31.....	4		
Midland County.....	Dec. 1-Jan. 31.....	6		
Missaukee County.....	Jan. 1-31.....	15		
Montcalm County.....	Nov. 1-30.....	3		
Montmorency 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		
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	
Minnesota:				
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		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to March 11, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Mississippi:				
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	
Missouri:				
Andrew County.....	Jan. 23-Feb. 26.....	5		
Joplin.....	Jan. 16-22.....	1		
Kansas City.....	Jan. 2-Feb. 19.....	16	1	
St. Joseph.....	Jan. 2-Feb. 5.....	7		
St. Louis.....	Dec. 26-Feb. 19.....	21		
Springfield.....	Jan. 1-31.....	4		
Total for State.....		54	1	
Montana:				
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		
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		
Nebraska:				
Lincoln.....	Jan. 1-31.....	4		
South Omaha.....	Dec. 5-11.....	3		
Total for State.....		7		
New Hampshire (entire State).				
Jan. 1-Feb. 16.....		4		
New Jersey:				
Passaic County.....	Jan. 1-31.....	1		
Trenton.....	Jan. 30-Feb. 5.....	1		
Total for State.....		2		
New York (entire State).....				
Sept. 1-Nov. 30....		33	1	
Cattaraugus County.....	Dec. 1-31.....	1		
Cayuga County.....	Dec. 1-31.....	1		
Erie 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	
North Carolina:				
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		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to March 11, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
North Carolina—Continued.				
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		
Gulford 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		
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	9		
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	
North Dakota:				
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		
Ohio:				
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		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to March 11, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Oklahoma:				
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		
Kingfisher County.....	Oct. 1-31.....	2		
Le 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		
Oklfuskee County.....	Oct. 1-31.....	1		
Oklahoma County.....	Aug., Sept., and Nov.....	14	1	
Osage County.....	Sept. 1-Oct. 31.....	9		
Pawnee County.....	Aug. 1-31.....	1		
Pottawatomie County.....	Sept. 1-Nov. 30.....	41		
Pushmataha County.....	Sept. 1-30.....	1		
Seminole County.....	Oct. 1-Nov. 30.....	7		
Squoyah 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.....		139	1	
Oregon (entire State):				
Portland.....	Dec. 1-31.....	28		
	Nov. 1-30.....	2		
Total for State.....		30		
Pennsylvania (entire State):				
	Dec. 1-Jan. 31.....	16		
South Carolina:				
Clover.....	Jan. 23-29.....	3		
Total for State.....		3		
Tennessee:				
Davidson County—				
Nashville.....	Feb. 20-26.....	1		
Dekalb County.....	Dec. 12-Jan. 1.....	9		
Hamilton County—				
Chattanooga.....	Dec. 26-Feb. 26.....	39		
Knox County—				
Knoxville.....	Jan. 2-Feb. 19.....	29		
Shelby County.....	Nov. 1-Jan. 31.....	28		
Memphis.....	Nov. 1-Feb. 26.....	140		
Washington County.....	Dec. 26-Feb. 5.....	11		
Total for State.....		257		
Texas:				
Amarillo.....	Jan. 16-22.....	16		
Atascosa County.....	Jan. 31-Feb. 19.....	6		
Denton County.....	Dec. 26-Feb. 27.....	106	15	
El Paso.....	Nov. 1-Jan. 22.....	5	1	
Fort Worth.....	Nov. 1-Jan. 31.....	32	2	
Galveston.....	Feb. 6-26.....	3		
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.....		199	20	

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to March 11, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Utah:				
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		
Piute 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		
Tooele 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	
Virginia:				
Lynchburg.....	Jan. 30-Feb. 26.....	25	1	
Petersburg.....	Dec. 26-Jan. 26.....	2		
Portsmouth.....	Jan. 16-29.....	2		
Richmond.....	Dec. 1-31.....	1		
Total for State.....		30	1	
Washington:				
Kitsap County.....	Jan. 1-31.....	1		
Seattle.....	Jan. 2-22.....	6		
Spokane.....	Dec. 19-Jan. 29.....	22		
Tacoma.....	Jan. 2-31.....	2		
Wahkiakum County.....	Dec. 1-31.....	8		
Total for State.....		39		
West Virginia:				
Berkeley Springs.....	Dec. 27-Feb. 17.....	6		
Wheeling.....	Jan. 30-Feb. 5.....	1		
Total for State.....		7		
Wisconsin:				
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.....		6,740	31	

FURTHER OBSERVATIONS ON SOIL POLLUTION IN THE SOUTHERN STATES.

By CH. WARDELL STILES, Ph. D., Chief of the Division of Zoology of the Hygienic Laboratory, United States Public Health and Marine-Hospital Service.

During several recent trips in the Southern States, the opportunity has been presented of tabulating additional data regarding the occurrence of soil pollution around farmhouses. The following tables give the totals of the additional statistics and those already published:

Houses occupied by--	With privy.		Without privy.		Total. number of houses.
	Num- ber.	Per cent.	Num- ber.	Per cent.	
North Carolina:					
Whites.....	25	62.5	15	37.5	40
Negroes.....	12	24.0	38	76.0	50
Race of occupant not recorded...	13	28.8	32	71.1	45
Total.....	50	37.0	85	62.9	135
South Carolina:					
Whites.....	13	54.1	11	45.8	24
Negroes.....	12	22.6	41	77.3	53
Race of occupant not recorded...	17	36.9	29	63.0	46
Total.....	42	34.1	81	65.8	123
Georgia:					
Whites.....	15	42.8	20	57.1	35
Negroes.....	1	6.2	15	93.7	16
Race of occupant not recorded...	12	20.0	48	80.0	60
Total.....	28	25.2	83	74.7	111
Florida:					
Whites.....	32	88.8	4	11.1	36
Negroes.....	17	45.9	20	54.0	37
Race of occupant not recorded...	30	73.1	11	26.8	41
Total.....	79	69.2	35	30.7	114

Houses occupied by--	With privy.		Without privy.		Total number of houses.
	Num-ber.	Per cent.	Num-ber.	Per cent.	
Alabama:					
Whites.....					
Negroes.....	6	27. 2	16	72. 7	22
Race of occupant not recorded...	23	30. 2	53	69. 7	76
Total.....	29	29. 5	69	70. 4	98
Grand total for the 5 States:					
Whites.....	85	62. 8	50	37. 0	135
Negroes.....	48	26. 9	130	73. 0	178
Race of occupant not recorded...	95	35. 4	173	64. 5	268
Total.....	228	39. 2	353	60. 7	581

The foregoing statistics are based upon farmhouses. In Florida I tabulated some other houses belonging to sawmills, turpentine camps, etc. In these places soil pollution was very extreme. Thus:

Houses occupied by—	With privy.		Without privy.		Total number of houses.
	Num-ber.	Per cent.	Num-ber.	Per cent.	
Whites.....	1	100. 0			1
Negroes.....	13	22. 0	46	78. 0	59
Race of occupant not recorded.....	2	100. 0			2
Total.....	16	25. 8	46	74. 2	62

From the foregoing figures it appears that of a total of 581 farmhouses scattered over 5 Southern States, 353 homes, or 60.7 per cent, were not provided with any privy: hence, that the inhabitants were living on a theoretical maximum of soil pollution. Of 135 houses occupied by whites, 50 homes, or 37 per cent, had no privy. Of 178 houses occupied by negroes, 130 homes, or 73 per cent, had no privy. Thus, on basis of these figures, as a soil polluter the rural negro is to the rural white as 73 to 37.

Admitting that the statistics are as yet not very extensive, it is interesting to note that, so far as the figures go, the Florida farms make the best showing of any of the 5 States mentioned and that they materially lower the average of soil pollution.

Omitting the Florida figures, the maximum soil pollution increases to 68.3 per cent for both races combined, to 43.4 per cent for the whites and to 78 per cent for the negroes.

MORBIDITY AND MORTALITY.

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

[For smallpox see special tables.]

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.
Altoona, Pa.	Mar. 5	50,814	18	1	...	...	...	2	...	2	...	1	2	...	...
Ann Arbor, Mich.	do.	14,711	5	3	1	...	...	...	...	...	...	...	...	1	...
Ashtabula, Ohio.	do.	16,648	6	...	...	...	...	...	...	...	...	...	...	...	...
Baltimore, Md.	do.	576,023	226	195	33	5	2	32	3	13	1	31	...	23	4
Bath, Me.	do.	12,055	0	...	...	...	...	...	...	...	...	...	...	...	...
Bayonne, N. J.	do.	49,894	...	...	...	...	...	10	...	1	...	1	...	1	...
Beaver Falls, Pa.	do.	10,341	0	...	...	1	...	...	...	...	...	2	...	...	...
Berkeley, Cal.	Feb. 19	19,700	6	...	1	1	...	1	...	...	...	10	...	1	...
Do.	Feb. 26	...	10	...	...	...	...	...	...	...	...	20	...	4	...
Boston, Mass.	do.	622,970	279	52	32	9	2	40	3	66	2	89	2	3	1
Do.	Mar. 5	...	215	77	29	4	1	31	...	77	4	81	2	10	1
Braddock, Pa.	Feb. 26	21,000	8	...	...	...	...	...	...	1	...	1	...	...	...
Bridgeport, Conn.	do.	90,913	33	2	...	...	...	17	...	3	...	5	...	1	...
Do.	Mar. 5	...	25	2	1	1	...	21	1	5	1	1	...	...	...
Brockton, Mass.	do.	53,978	14	1	3	...	...	4	...	...	...	1	...	...	...
Butte, Mont.	Feb. 26	49,892	12	...	2	...	...	10	2	1	...	...	...	...	...
Do.	Mar. 5	...	11	...	3	...	...	6	...	3	...	...	...	...	...
Butler, Pa.	Feb. 26	12,760	8	...	...	...	...	1	...	...	...	...	...	...	...
Cambridge, Mass.	Mar. 5	101,872	29	7	2	...	...	4	...	8	...	6	...	...	...
Cambridge, Ohio.	do.	11,733	2	...	...	...	...	...	...	...	...	54	...	...	...
Camden, N. J.	do.	89,305	30	2	3	1	...	2	...	5	3	...	...	...	...
Canton, Ohio.	do.	40,037	15	...	...	...	...	...	...	...	...	...	...	...	1
Carbondale, Pa.	do.	15,698	6	...	...	...	...	...	...	...	...	...	...	...	...
Charlotte, N. C.	do.	35,101	7	...	...	...	...	1	...	...	...	23	1	1	...
Chattanooga, Tenn.	Feb. 26	34,654	...	1	...	...	...	2	...	1	...	...	...	...	...
Chelsea, Mass.	Mar. 5	39,862	10	...	...	...	...	...	...	...	...	...	...	...	...
Chicopee, Mass.	do.	20,010	6	...	...	1	...	...	...	...	...	10	...	...	...
Cincinnati, Ohio.	Feb. 19	351,212	...	23	18	2	1	5	...	5	1	70	...	12	...
Do.	Mar. 5	...	160	19	24	...	...	7	...	8	...	140	7	...	...
Cleveland, Ohio.	Mar. 4	506,938	136	33	8	...	...	11	...	15	3	164	4	4	...
Clinton, Mass.	Mar. 5	12,656	3	...	...	...	...	...	...	...	...	...	...	...	...
Coffeyville, Kans.	Feb. 26	...	6	2	2	...	...	...	...	...	...	12	...	...	...
Do.	Mar. 5	...	5	...	...	...	...	...	...	...	...	9	...	...	...
Columbus, Ga.	Mar. 12	17,893	7	...	...	...	...	...	...	...	...	...	...	...	...
Columbus, Ohio.	Feb. 26	155,340	51	17	5	1	1	3	...	2	...	51	...	8	...
Do.	Mar. 5	...	58	9	2	...	...	6	...	...	...	68	1	9	1
Covington, Ky.	do.	51,715	25	1	4	2	...	...	...	1	...	5	...	...	...
Danville, Ill.	do.	27,387	13	1	1	1	1	...	...	1	...	48	1	1	...
Dayton, Ohio.	do.	108,688	38	...	5	1	...	6	...	...	...	...	...	...	...
Duluth, Minn.	Feb. 26	74,520	26	1	4	...	...	30	2	7	...	10	1	...	...
Do.	Mar. 5	...	18	1	...	...	...	36	...	...	2	14	...	...	...
Dunkirk, N. Y.	do.	18,061	3	1	1	...	...	1	...	1	...	20	...	...	...
East Weymouth, Mass.	do.	11,793	4	...	...	...	...	...	...	...	...	...	...	...	...
Elizabeth, N. J.	Jan. 29	67,470	26	...	2	...	...	8	...	4	...	18	...	...	...
Do.	Feb. 5	...	23	...	1	...	...	7	...	3	...	21	...	...	...
Do.	Feb. 12	...	21	...	...	1	...	10	1	6	...	17	...	...	...
Do.	Feb. 19	...	23	...	4	...	...	17	...	5	...	12	...	...	...
Do.	Feb. 26	...	29	...	1	...	...	12	...	4	...	10	...	...	...
Do.	Mar. 5	...	27	...	3	2	...	11	2	4	...	16	1	...	...
Elmira, N. Y.	Feb. 26	35,765	10	...	...	...	...	3	...	...	...	4	...	2	1
Do.	Mar. 5	...	13	8	...	1	...	5	...	...	...	...	...	...	...
Elyria, Ohio.	Feb. 19	...	5	...	...	1	...	...	...	...	...	...	...	...	...
Do.	Feb. 26	...	7	...	1	...	...	...	...	...	...	1	...	...	...
Evansville, Ind.	Mar. 5	66,948	16	3	2	1	...	1	...	1	...	2	...	...	...
Everett, Mass.	do.	32,931	13	1	2	...	...	8	1	...	...	6	...	...	...
Fall River, Mass.	Feb. 26	106,481	38	8	4	1	...	5	...	2	1	5	...	...	...
Do.	Mar. 5	...	42	8	6	1	...	2	...	2	...	4	...	...	...
Fort Wayne, Ind.	Feb. 26	54,180	21	...	...	...	...	1	...	1	...	46	...	...	...
Freeport, Ill.	Mar. 5	19,200	5	...	...	1	1	1	...	...	...	2	...	...	...
Galesburg, Ill.	do.	21,615	4	...	...	...	...	1	...	...	...	...	...	...	...
Galveston, Tex.	Feb. 26	36,964	3	2	2	4	1	2	...	...	...	...	...	...	...
Do.	Mar. 5	...	1	4	1	2	...	...	...	...	...	...	...	...	...
Gloucester, Mass.	do.	25,923	12	...	1	...	...	...	...	...	...	...	...	...	...
Grand Rapids, Mich.	Feb. 26	105,909	41	1	1	10	1	21	...	2	...	8	...	1	...

* Estimated population 1906. No estimate 1909.

MORBIDITY AND MORTALITY—Continued.

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

Cities.	Week ended—	Esti- mated 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.
Greensboro, N. C.	Feb. 26	16,081	17		2		1					2			
Do	Feb. 19		7		2							11	1		
Do	Mar. 5		7		1										
Harrison, N. J.	do	14,604	6					1		1					
Hartford, Conn.	Feb. 26	103,808	34	1	1			5		1					
Do	Mar. 5		33	1	3			1		11					
Haverhill, Mass.	do	38,354	2	4	1	4	1	13		4		10		2	
Homestead, Pa.	Feb. 28	17,145	10		1			4	1			5			1
Hyde Park, Mass.	Mar. 5	15,322	9					4		2		2			
Jacksonville, Fla.	Feb. 26	40,798	11	2				1							
Do	Mar. 5		11							1					
Jersey City, N. J.	Feb. 27	253,711	107	1	12	1	1	40	2	12	3	3			
Do	Mar. 6		88	3	4			29	2	13		25			
Johnstown, Pa.	Mar. 5	46,520	23	1	4		1			2		61			
Kansas City, Kans.	Feb. 26	85,742	35	3		7	2	13	1			74	1		
Kansas City, Mo.	Feb. 19	191,685	91	1	9	26	5	29	2	9	3	322	3	3	
Do	Feb. 26		89	1	8	21	7	28	3	7	1	255	1	1	
Kansas City, Kans.	Mar. 5		34		2	7		11	2			55	2		
Kearny, N. J.	do	15,765	7	1	1			1		1		7			
Kingston, N. J.	Feb. 26	26,110	9		1			1		1					
Do	Mar. 5		8		2		1	3		1					
Lackawanna, N. Y.	Feb. 26		8	1				3				19			
La Crosse, Wis.	do	29,224	10	1	2			2				2			
Do	Mar. 5		7		1	1		1				1			
La Fayette, Ind.	do	19,801	6		1	1				1	1	2			
Lancaster, Pa.	Feb. 26	49,962	22	1	2	1		7				39			
Do	Mar. 5		19	3				4				21			
Lawrence, Mass.	Feb. 26	76,042	29	2	3	2	1	8		1		32			
Do	Mar. 5		30			11	1	4				30			
Lebanon, Pa.	do	20,295	5		2			2							
Lexington, Ky.	do	30,690	19		1			1				3			
Lynchburg, Va.	Feb. 26	29,457						2		1					
Los Angeles, Cal.	do	103,000	77	34		1		7		2		629		1	
Lowell, Mass.	Mar. 5	95,125	52	2	4	1		3		3		73	2		
Lynn, Mass.	Feb. 26	83,865	16	1	1	2		13		1	1	1			
Do	Mar. 5		16		1	22	2	9		2					
Malden, Mass.	Feb. 26	41,535	6		1			1		1		4			
Do	Mar. 5		15	1	2			4	1	2	1	1		2	
Manchester, N. H.	do	68,561	36	2	2					3	1	1			
Mansfield, Ohio.	do	21,390										8		2	
Marinette, Wis.	do	14,862	4					2		5					
Marlboro, Mass.	do	14,444	5					2				31			
Massillon, Ohio.	Feb. 26	13,610	3		1			4		3		46			
Do	Mar. 5		3		1							77	1		
McKeesport, Pa.	Jan. 8	47,677	23	1				4	1	1		5		1	
Do	Jan. 15		24	2	2			10	3	2		7			
Do	Jan. 22		13			3		5		4	1	11		3	
Do	Jan. 29		15			3	1	5				10			
Do	Feb. 5		8			2	1	12	2	5		12			
Do	Feb. 12		20	2	1	20	6					39			
Do	Feb. 19		10					8	1	2		35			
Do	Feb. 26		12					7				63			
Medford, Mass.	Mar. 5	20,839	2	1						1		26			
Melrose, Mass.	Feb. 26	15,361	1	1				3		1					
Memphis, Tenn.	do	136,363	61	1	4	1	1	6		7					
Milwaukee, Wis.	do	332,495	112	12	10	55	5	54	2	11	4	25		13	
Mobile, Ala.	do	45,122	28		6										
Moline, Ill.	do	23,081	4					1		1					
Do	Mar. 5		4					1		1					
Montgomery, Ala.	Feb. 26	43,927	14	1	4					1					
Montclair, N. J.	Mar. 5	18,296	6	1				8				19		1	1
Morristown, N. J.	Feb. 26	12,849	7		1			2		2		4		1	
Do	Mar. 5		5							1		10			
Mount Vernon, N. Y.	do	27,891	7			1		3				3			
Muskegon, Mich.	do	20,995			1			1				1			
Nanticoke, Pa.	Mar. 6	13,980	3					1							
Nashville, Tenn.	Feb. 26	106,476	43	1	2			5		2					
Do	Mar. 5			4	7			4							
Nebraska City, Nebr.	do		2		1	4	1					9			
Newark, N. J.	Feb. 26	308,669	15	12	1			53	1	42	2	2			
Do	Mar. 5		18	18	2			48		53	5	2			

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.
New Bedford, Mass.	Mar. 5	83,898	32	6	1	1	—	6	—	2	—	30	72	—	—
Newburyport, Mass.	do.	14,832	4	1	—	—	—	—	—	—	—	72	—	—	—
New Orleans, La.	Feb. 26	327,662	141	30	19	4	1	27	—	23	3	45	2	—	—
Newport, Ky.	Mar. 5	31,345	16	—	—	—	—	—	—	1	—	—	—	—	—
New York, N. Y.	do.	4,450,963	1,674	985	177	29	5	691	43	380	43	1,685	31	36	2
Niagara Falls, N. Y.	do.	32,012	13	1	—	8	2	2	—	1	—	62	1	—	—
Norristown, Pa.	do.	24,491	17	7	—	1	1	4	—	—	—	—	1	—	—
North Adams, Mass.	do.	20,510	1	—	—	—	—	—	—	—	—	—	—	—	—
Northampton, Mass.	do.	21,008	8	—	—	—	—	1	1	—	—	—	—	1	—
Oakland, Cal.	Feb. 19	273,812	51	1	3	—	—	10	—	1	—	5	—	—	—
Oklahoma City, Okla.	Jan. 9	45,380	20	4	3	—	1	3	2	—	—	4	—	—	—
Do.	Jan. 16	—	14	5	1	1	—	3	—	—	—	5	—	—	—
Orange, N. J.	Mar. 5	27,669	5	2	1	—	—	8	—	1	—	16	—	—	—
Ottumwa, Iowa.	do.	21,648	10	—	—	—	—	—	—	—	—	—	—	—	—
Peekskill, N. Y.	do.	15,473	14	—	—	1	—	1	—	—	—	11	—	—	—
Philadelphia, Pa.	do.	1,491,082	81	73	27	2	—	36	4	73	15	33	—	—	—
Pittsburg, Pa.	Feb. 26	558,123	193	27	13	8	4	21	—	10	2	215	4	19	3
Do.	Mar. 5	—	219	24	17	8	4	10	—	8	2	150	6	45	5
Pittsfield, Mass.	Mar. 4	27,589	5	1	—	—	—	1	—	1	—	—	—	2	—
Plymouth, Pa.	Mar. 5	17,524	—	1	—	—	—	—	—	—	—	8	—	—	—
Portsmouth, Va.	do.	19,225	10	—	—	—	—	2	—	—	—	4	—	—	—
Pottstown, Pa.	do.	14,065	5	—	—	—	—	—	—	—	—	24	—	—	—
Providence, R. I.	do.	217,065	118	4	8	7	1	9	2	9	1	32	4	—	—
Racine, Wis.	do.	34,840	16	—	—	1	4	1	2	1	—	—	—	—	—
Rochester, N. H.	Feb. 26	9,429	2	—	2	—	—	—	—	—	—	—	—	—	—
Rockford, Ill.	do.	—	—	—	—	—	—	29	1	2	—	—	—	—	—
Rock Island, Ill.	Feb. 19	24,766	5	—	—	—	—	—	—	—	—	—	—	—	—
Do.	Feb. 26	—	6	—	1	—	—	2	—	3	—	—	—	—	—
Do.	Mar. 5	—	12	—	—	6	—	3	1	—	—	1	—	1	—
Sacramento, Cal.	Feb. 26	31,889	14	—	2	2	—	1	—	—	—	9	—	—	—
Saginaw, Mich.	Feb. 19	51,941	11	—	—	—	—	—	—	—	—	4	—	—	—
Sandusky, Ohio.	Mar. 5	20,737	6	—	—	—	—	—	—	—	—	1	—	—	—
Saratoga Springs, N. Y.	Feb. 26	13,471	3	2	—	—	—	—	1	—	—	—	—	—	—
Schenectady, N. Y.	do.	73,037	30	1	2	—	—	6	—	2	1	73	—	1	—
Somerville, Mass.	Mar. 5	75,375	26	1	2	—	—	5	—	6	—	5	—	—	—
South Bend, Ind.	do.	49,321	18	1	2	—	—	6	—	—	—	—	—	—	—
Spokane, Wash.	Feb. 19	47,006	18	—	2	—	—	16	—	—	—	9	—	—	—
Springfield, Mass.	Mar. 5	82,724	25	2	—	2	—	7	3	9	—	16	1	1	—
Springfield, Ohio.	do.	43,975	9	4	1	—	—	1	—	1	—	5	—	—	—
Superior, Wis.	Feb. 26	40,919	7	—	—	—	—	4	1	1	—	—	—	—	—
Do.	Mar. 5	—	4	—	—	—	—	4	—	3	—	—	—	—	—
Steelton, Pa.	do.	14,769	6	2	—	—	—	7	1	4	2	—	—	—	—
Tacoma, Wash.	Feb. 26	37,714	18	1	—	—	—	4	—	6	1	1	—	—	—
Taunton, Mass.	Mar. 5	30,926	12	—	—	—	—	1	—	—	—	10	—	—	—
Terre Haute, Ind.	do.	55,509	19	3	4	—	—	—	—	4	1	25	—	—	—
Titusville, Pa.	do.	8,397	3	—	2	—	1	—	—	—	—	—	—	—	—
Topeka, Kans.	Feb. 26	44,757	1	—	—	—	—	—	—	—	—	—	—	—	—
Do.	Mar. 5	—	5	1	1	—	—	1	—	—	—	10	—	—	—
Trenton, N. J.	do.	92,878	8	8	6	2	—	19	1	2	1	—	—	—	—
Utica, N. Y.	do.	69,458	21	1	2	—	—	1	—	—	—	46	—	—	—
Waltham, Mass.	do.	28,522	13	—	1	—	1	2	—	—	—	1	—	—	—
Warren, Ohio.	do.	11,838	3	—	—	—	—	2	—	—	—	18	—	—	—
Washington, D. C.	Feb. 26	322,212	141	21	17	6	—	72	3	4	1	4	—	7	1
West Newton, Mass.	Mar. 5	39,419	8	3	—	1	—	2	—	4	—	4	—	—	—
Wheeling, W. Va.	Feb. 19	42,799	15	—	3	6	—	1	—	—	—	—	—	—	—
Do.	Feb. 26	—	12	9	2	9	—	2	1	—	—	2	—	—	—
Wichita, Kans.	do.	39,612	17	—	—	—	—	1	2	—	—	18	—	—	—
Do.	do.	—	17	—	1	2	—	1	—	18	—	—	—	—	—
Do.	Mar. 5	—	18	1	1	—	—	—	—	—	—	29	—	—	—
Wilkes-Barre, Pa.	Feb. 26	64,323	35	5	2	1	—	4	—	3	—	—	—	2	—
Wilkesburg, Pa.	Mar. 5	19,999	8	6	4	—	—	—	—	—	—	1	—	2	—
Williamsport, Pa.	Feb. 28	30,220	6	—	1	3	—	2	—	2	—	10	—	—	—
Do.	Mar. 5	—	5	—	1	—	—	4	—	—	—	6	—	—	—
Wilmington, Del.	do.	88,980	36	—	2	—	—	—	1	—	—	—	—	—	—
Woburn, Mass.	do.	14,520	3	1	—	—	—	—	—	1	—	1	—	—	—
Worcester, Mass.	Feb. 26	135,906	33	10	3	1	—	4	—	7	—	9	—	—	—
York, Pa.	Mar. 5	41,895	—	—	—	—	—	3	—	1	—	4	—	—	—
Zanesville, Ohio.	do.	25,614	12	—	3	2	—	—	—	—	—	—	—	—	—

* Estimated population, 1906. No estimate, 1909.

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

ARIZONA.—Months of January, February, and March, 1909. Population 122,931. Total number of deaths from all causes 528, including typhoid fever 4, scarlet fever 8, diphtheria 9, tuberculosis 176.

Months of April, May, and June, 1909. Total number of deaths from all causes 537, including typhoid fever 7, measles 6, scarlet fever 1, diphtheria 5, tuberculosis 159.

Months of July, August, and September, 1909. Total number of deaths from all causes 680, including typhoid fever 26, measles 1, scarlet fever 1, diphtheria 6, tuberculosis 118, of which number 44 were reported as acquired in Arizona.

GEORGIA—*Macon*.—Month of February, 1910. Population 35,000. Total number of deaths from all causes 32, including tuberculosis 3.

ILLINOIS.—Month of January, 1910. Population 5,617,509. Total number of deaths from all causes 2,883, including diphtheria 40, tuberculosis 392. Cases reported: Smallpox 189 in 25 counties, diphtheria 174 in 44 counties.

MASSACHUSETTS—*Newton*.—Month of February, 1910. Population 38,919. Total number of deaths from all causes 44, including tuberculosis 5. Cases reported: Typhoid fever 3, measles 4, scarlet fever 9, diphtheria 6, tuberculosis 6.

MICHIGAN.—Month of January, 1910. Population 2,666,308. Total number of deaths from all causes 3,183, including typhoid fever 27, measles 22, scarlet fever 51, diphtheria 37, tuberculosis, pulmonary, 179.

MINNESOTA—*Stillwater*.—Month of February, 1910. Population, 12,318. Total number of deaths from all causes, 14. Cases reported: Typhoid fever 1, scarlet fever 6, diphtheria 1.

NEBRASKA—*Lincoln*.—Month of January, 1910. Population, 65,000. Total number of deaths from all causes, 38, including tuberculosis 4. Cases reported: Smallpox 4, scarlet fever 10, diphtheria 6.

NORTH CAROLINA.—Month of December, 1909. Reports from 64 towns having an aggregate estimated population of 416,256, show a total of 540 deaths, including typhoid fever 4, measles 6, scarlet fever 1, diphtheria 7, tuberculosis (pulmonary) 83.

Typhoid fever was reported present in 32 counties, smallpox in 31 counties, measles in 14 counties, scarlet fever in 25 counties, diphtheria in 42 counties.

NORTH DAKOTA.—Month of January, 1910. Population, 536,103. Total number of deaths from all causes, 214, including typhoid fever 2, scarlet fever 2, diphtheria 6, tuberculosis 1. Cases reported: Typhoid fever 40, smallpox 46, measles 35, scarlet fever 38, diphtheria 90, tuberculosis 9.

SOUTH CAROLINA—*Charleston*.—Month of February, 1910. Population, 57,593. Total number of deaths from all causes, 116, including typhoid fever 1, measles 4, diphtheria 1, tuberculosis 9. Cases reported: Typhoid fever 4, scarlet fever 3, diphtheria 4.

UTAH—*Salt Lake City*.—Month of January, 1910. Population, 85,000. Total number of deaths from all causes, 108, including typhoid fever 2, scarlet fever 3, diphtheria 3, tuberculosis 7. Cases reported: Typhoid fever 4, smallpox 35, measles 5, scarlet fever 102, diphtheria 15.

WISCONSIN.—Months of October, November, and December, 1909. Population, 2,356,874. Total number of deaths from all causes, 6,444, including typhoid fever 121, measles 8, scarlet fever 101, diphtheria 97, tuberculosis 579. Cases reported: Typhoid fever 319, smallpox 103, measles 94, scarlet fever 1,184, diphtheria 669, tuberculosis (pulmonary) 229.

FOREIGN AND INSULAR.

CHINA.

AMOI—Smallpox and Typhus Fever—Inspection of Vessels.

Passed Assistant Surgeon Foster reports, January 24:

Week ended January 22. No bills of health issued. Smallpox is present in Amoy and vicinity.

Acting Assistant Surgeon Moorhead reports, February 1 and 8:

Week ended January 29. Bill of health granted to British steamship *Taisang* for Manila, crew 61, cabin and steerage passengers 25 and 63, respectively. Crew and steerage passengers bathed and their effects disinfected with steam. All passengers vaccinated and inspected prior to sailing. Manifests viséed for 577 packages of freight. Vessel anchored in stream.

Week ended February 5. In the international settlement of Kulangsu, 1 death from smallpox and 1 from typhus fever occurred. One case of confluent smallpox is present. The patient was never vaccinated.

On January 30, bills of health were issued to 4 American tugboats from Shanghai for Manila with Asiatic crews, and on February 1, to 2 tugboats from Shanghai via Foochow and Amoy for Manila, with Asiatic crews. The boats anchored in stream. Crews bathed and their effects disinfected; inspected prior to sailing. These vessels were in port not more than 3 days. No quarantinable disease was found among the crews.

HONGKONG—Inspection of Vessels.

Passed Assistant Surgeon Foster reports, February 1:

Week ended January 29. Restrictions enforced by and against Hongkong remain as reported January 22.

INSPECTION AND DISINFECTION OF VESSELS.

Week ended January 29.

Vessels granted bills of health.....	15
Total members of crews.....	1, 152
Total cabin passengers.....	182
Total steerage passengers.....	491
Members of crew bathed.....	727
Steerage passengers bathed.....	417
Pieces of baggage disinfected.....	1, 164
Vessels disinfected to kill rats.....	0
Crews' quarters disinfected:	
With formaldehyde.....	9
With sulphur.....	0

SHANGHAI—Smallpox—Disinfection of Vessels.

Acting Assistant Surgeon Ransom reports, February 3:

Week ended January 29. One vessel was disinfected with sulphur dioxide.

The municipal health officer reports 1 death from smallpox among natives.

CUBA.

CIENFUEGOS—Inspection of Vessels.

Acting Assistant Surgeon Suarez reports, February 28:

Week ended February 26. Vessels inspected, 4; bills of health issued, 4. Members of crews of outgoing vessels inspected, 140.

No quarantinable disease reported.

HABANA—Inspection of Vessels.

Acting Assistant Surgeon Villoldo reports, March 9:

Week ended March 5. Bills of health issued, 31; vessels inspected and passed, 26; members of crews of outgoing vessels inspected, 1,345; passengers of outgoing vessels inspected, 1,541; certificates of inspection of hides issued, 16.

The department of sanitation reports 15,389 houses inspected and 5,985 water deposits petolized or suppressed during the period from February 21 to 28.

No quarantinable disease reported.

MATANZAS—Inspection of Vessels.

Acting Assistant Surgeon Nuñez reports, March 1 and 7:

Week ended February 26. Bills of health issued to 6 vessels bound for the United States. Week ended March 1. Bills of health issued to 5 vessels clearing for the United States.

The department of sanitation reported the inspection of 3,139 houses during the 10 days ended March 2. No quarantinable disease was reported during the week.

SANTIAGO—Inspection of Vessels.

Acting Assistant Surgeon Wilson reports, March 3:

Week ended February 26. Bills of health issued to 5 vessels bound for the United States.

No quarantinable disease reported.

ECUADOR.

GUAYAQUIL—Plague, Smallpox, and Yellow Fever.

Passed Assistant Surgeon Parker reports, February 18:

The following information was received from the director of health:

Two weeks ended February 15.

Disease.	Locality.	Pre- viously reported.	New cases.	Cured.	Died.	Remain- ing.
Plague.....	Guayaquil.....	20	18	15	9	14
Do.....	Babahoyo.....	2	3	3	2	
Do.....	Milagro.....	3	5	4		4
Smallpox.....	Guayaquil.....	1		1		
Yellow fever.....	do.....	11	20	19	5	7
Do.....	Babahoyo.....		1	1		

This report shows a decrease of 10 in the number of plague cases and a decrease of 11 in the number of yellow fever cases as compared with the previous semimonthly report.

The total number of deaths from all causes during the same period was 152, a decrease of 4 as compared with the corresponding period of last year. This excess of mortality is explained as due to the number of peons coming to Guayaquil for medical treatment, there being no hospitals in the outlying districts.

Sanitary work, February 1 to 15.—Houses fumigated, 61; houses disinfected, 191; premises cleaned, 75; wooden boardwalks removed, 4; lining of walls destroyed, 58; huts destroyed, 2; barges disinfected, 143; baggage fumigated, 291 pieces; clothing disinfected with steam, 379 pieces; persons vaccinated, 14; rats trapped, 1,895. It is proposed to institute bacteriological examination of trapped rats.

HAWAII.

Plague at Hilo and Honokaa.

Passed Assistant Surgeon Ramus, at Honolulu, reports:

March 12, one death from plague at Hilo; March 14, one death from plague at Hilo; March 15, two deaths from plague at Honokaa.

INDIA.

BOMBAY—Continued Increase in Plague.

Consul Dennison reports, February 10:

The feature of the health returns for Bombay city during the past week is the continued rise in plague. Generally warm weather leads to a reduction in plague cases, owing to the poorer classes of the people sleeping in the open instead of in their houses, where they are more exposed to infection. The increase under this heading during the warm weather of the past few days is, therefore, the more significant. Last week there were 60 plague deaths, as against 29 in the foregoing week and 28 in the corresponding week of the last year. This is, however, very far below the mean, which for the past 5 years is 134.

Smallpox continues about the same, the deaths being 24 as against 21 for the previous week. There were 62 attacks from smallpox, and of these 16 cases were amongst the pilgrims from Jiddah.

Owing to the increase in plague, the total mortality has gone up to 734, as against 662 in the previous week and 700 last year. This is still well below the 5-year mean of 883.

The death rate per 1,000 per annum was 39.03.

CALCUTTA—Cholera, Plague, and Smallpox.

Acting Assistant Surgeon Allan reports, February 10:

Week ended January 29. At Calcutta there were 81 deaths from cholera and 8 from plague, and 1 death from smallpox; in all Bengal, 1,815 cases of plague with 1,471 deaths; in all India, 14,309 cases of plague with 12,264 deaths.

ITALY.

NAPLES—Examination of Emigrants—Smallpox.

Surgeon Geddings reports, February 21:

Vessels inspected at Naples and Palermo, week ended February 19.

NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Feb. 13	Sannio.....	New York.....	84	8	160
16	Perugia.....	do.....	185	24	320
16	Duca d'Aosta.....	do.....	894	65	1,250
17	Carmania.....	do.....			
17	Ancona.....	Philadelphia.....	910	50	980
18	Berlin.....	New York.....	1,984	140	3,250
	Total.....		4,057	287	5,960

PALERMO.

Feb. 14	Sannio.....	New York.....	120	200	100
17	Perugia.....	do.....	386	500	250
17	Duca d'Aosta.....	do.....	453	700	250
	Total.....		959	1,400	600

Rejections recommended.

NAPLES.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Measles.	Other causes.	Total.
Feb. 13	Sannio.....	6		1			7
16	Perugia.....	5	2	1		1	9
16	Duca d'Aosta.....	19	2	3		6	30
17	Carmania.....						
17	Ancona.....	31	4	8	1	10	54
18	Berlin.....	28	3	18		15	64
	Total.....	89	11	31	1	32	164

PALERMO.

Feb. 14	Sannio.....	10		8			18
17	Perugia.....	24		9		1	34
17	Duca d'Aosta.....	21		31		5	57
	Total.....	55		48		6	109

Smallpox in Naples.—During the week ended February 20, 14 cases of smallpox with 7 deaths were reported at the health office of the city of Naples.

JAPAN.

YOKOHAMA—Inspection of Vessels.

Surgeon Irwin reports, February 14:

Week ended February 12. Vessels inspected: Steamships, *Seattle Maru* for Tacoma, crew 81, cabin passengers 1, steerage passengers 15; *Teucer* for Seattle, crew 94, steerage passengers 53; *Mongolia*

for San Francisco, crew 277, cabin passengers 74, steerage passengers 764; *Pathan* for New York, crew 58; *Ianaba Maru* for Kobe, crew 92; *Kumeric* for Manila, crew 73, steerage passengers 2; schooner *Tora Maru* for Guam, crew 12.

KOBE—Examination of Emigrants—Plague.

Acting Assistant Surgeon Smith reports, February 9 and 16:

Week ended February 5. Supplemental bills of health granted to 3 steamships; 371 members of crews and 821 steerage passengers inspected; 360 steerage passengers bathed (effects disinfected); 1,022 pieces of baggage and 720 of bedding steamed; manifests viséed for 60,599 pieces of freight amounting to 6,528 tons; emigrants per steamship *Seattle Maru* for Tacoma passed, 10; emigrants per steamship *Mongolia* for Honolulu passed, 343, for San Francisco 6. Week ended February 12. Supplemental bills of health granted to 2 steamships; 360 members of crews and 216 steerage passengers inspected; 77 steerage passengers bathed (effects disinfected); 276 pieces of baggage and 154 of bedding steamed; manifests viséed for 26,844 pieces of freight amounting to 2,181 tons; 35 cases of human hair, 6 cases of personal effects, and 315 sacks of old rubber shoes disinfected; emigrants per steamship *Tenyo Maru* for Honolulu passed, 77.

The emigrants passed to Honolulu per steamship *Mongolia* include 315 Russians who were held 6 days in quarantine detention at Ono; Japanese emigrants held 7 days. Emigrants per steamship *Tenyo Maru* include 73 Russians. All were held 7 days at Ono.

Plague.—Official returns for the week ended February 12 show 1 case of plague with 1 death at Kobe.

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, March 7, that no case of yellow fever and no death from the said disease were registered in the Mexican Republic during the week ended March 5, and that the prophylactic measures reported under date of September 28, 1908, continue to be carried out.

COATZACOALCOS—Inspection and Fumigation of Vessels.

Acting Assistant Surgeon Thompson reports, March 2:

Week ended March 2. Vessels inspected: February 25, steamship *Lewis Luckenbach* for Delaware Breakwater Quarantine station; February 26, schooner *Martha* for Sabine Pass, and steamship *Hermann Menzel* for a port in the United States via Progreso, *Lobelia* for a port in the United States via Habana, and *Tholma* for New Orleans; March 1, steamship *San Cristobal* for Port Arthur. The steamship *Lobelia* was fumigated at request of the master.

PERU.

CALLAO—Plague and Cerebro-Spinal Meningitis.

Acting Assistant Surgeon Castro-Gutierrez reports, February 14: Week ended February 12. Two steamships, having an aggregate personnel of 201 and 63 cabin and 46 steerage passengers, were fumigated.

No new cases of plague have occurred at Callao since February 2. Plague is continuously present at Lima, with a few cases. At Molendo there are 3 cases in the lazaretto. Two additional cases of cerebro-spinal meningitis have occurred among the troops of the regular army. Precautionary measures against the spread of the disease continue to be enforced.

Bills of health from Chilean ports show 8 cases of smallpox in the lazaretto at Antofagasta and plague at Iquique in endemic form.

PHILIPPINE ISLANDS.

MANILA—Cholera and Smallpox—Inspection of Vessels.

Chief Quarantine Officer Heiser reports, January 27:

Week ended January 22. Ten cases of cholera, with 9 deaths, and 4 cases of smallpox were reported in the city of Manila.

Cholera in the provinces.

Provinces.	Cases.	Deaths.
Bataan.....	9	8
Bohol.....	8	4
Cavite.....	15	11
Cebu.....	6	5
Misamis.....	11	11
Pampanga.....	31	25
Rizal.....	1	
Total.....	81	64

Inspection of vessels.—January 19, the British steamship *Teucer*, with 87 in crew, en route from Glasgow to Seattle and Tacoma, granted a supplemental bill of health. Cargo manifests signed and entire personnel inspected and passed prior to sailing. January 20, the American steamship *Mongolia*, with 272 in crew and 92 cabin and 453 steerage passengers, granted a bill of health for San Francisco via Hongkong, Shanghai, Japan ports, and Honolulu. Cargo taken on at this port inspected and passed and manifests of same viséed. Steerage passengers for Honolulu inspected and passed at hour of sailing.

RUSSIA.

Plague and Typhus Fever—Examination of Emigrants.

Minister Rockhill at St. Petersburg reports, February 19, through the Department of State, that from January 26 to February 2, 13 plague cases and 15 deaths from plague were reported in the village of Naourzali-Tchagil, in the Kirghiz Steppe, government of Astrakhan. Since the outbreak of the epidemic, 26 cases have been reported.

Acting Assistant Surgeon De Forest at Libau reports, February 21: Week ended February 20. Six cases of plague, with 4 deaths, were reported at Astrakhan. Typhus fever was reported at Libau Febru-

ary 17 with 1 case, at Riga February 12 to 20 with 113 cases and 6 deaths.

The steamship *Estonia* sailed for New York February 15 with 671 passengers and a crew of 95. All on board had been in Libau under observation for five days. Pieces of baggage disinfected, 120.

VENEZUELA.

LA GUAIRA—Inspection of Vessels.

Acting Assistant Surgeon Kellogg reports February 6, 13, and 20: Week ended February 5. Vessels inspected: February 3, steamships *Prins Fred. Hendrik* for New York, with 63 in crew, 4 passengers in transit, and 1 passenger taken on at this port, and *Città di Torino* for Ponce, crew 85, passengers in transit 41, taken on at this port 15; February 5, steamship *Moltke* for New York, crew 314, passengers in transit 348.

Week ended February 12. Vessels inspected: February 7, steamship *Maracaibo* for New York, crew 51, no passengers; February 8, steamship *Caracas* for San Juan, crew 120, 5 passengers taken on at this port; February 9, steamship *Logician* for Galveston, crew 40, no passengers; February 10, steamship *Guadaloupe* for Colon, crew 164, passengers in transit 237, taken on at this port 16.

Week ended February 19. Vessels inspected: February 17, steamship *Belgian* for New Orleans, crew 40, passengers in transit 5; February 19, steamships *Città di Milano* for Colon, crew 83, passengers in transit 129, taken on at this port 32, and *Manuel Calvo* for San Juan, crew 125, passengers in transit 35, taken on at this port 81.

No quarantinable diseases reported at La Guaira, Maiquetia, or Puerto Cabello.

Plague at Puerto Cabello.

Reports from Venezuela indicate that during the month of February there were 2 undoubted cases of plague at Puerto Cabello.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX.

Reports Received During Week Ended March 18, 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:				
Bombay.....	Feb. 2-8.....		1	
Calcutta.....	Jan. 23-29.....		81	
Madras.....	Jan. 29-Feb. 4.....		1	
Philippine Islands:				
Manila.....	Jan. 16-22.....	10	9	
Provinces—				
Bataan.....	Jan. 16-22.....	9	8	
Bohol.....	Jan. 16-22.....	8	4	
Cavite.....	Jan. 16-22.....	15	11	
Cebu.....	Jan. 16-22.....	6	5	
Misamis.....	Jan. 16-22.....	11	11	
Pampanga.....	Jan. 16-22.....	31	25	
Rizal.....	Jan. 16-22.....	1		

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

Reports Received During Week Ended March 18, 1910.

YELLOW FEVER.

Place.	Date.	Cases.	Deaths.	Remarks.
Brazil:				
Manaos.....	Feb. 6-12.....	.....	6	
Para.....	Feb. 13-19.....	6	3	
Ecuador:				
Babahoyo.....	Feb. 1-15.....	1	.....	
Guayaquil.....	Feb. 1-15.....	20	5	

PLAGUE.

Arabia:				
Aden.....	Jan. 21-23.....	1	1	From the Austrian mail steamer from Bombay.
Brazil:				
Bahia.....	Jan. 22-28.....	2	2	
Para.....	Feb. 13-19.....	1	1	
Chile:				
Iquique.....	Feb. 12.....	.....	.....	Present in endemic form.
Taital.....	Jan. 15.....	2	1	
Ecuador:				
Babahoyo.....	Feb. 1-15.....	3	2	
Guayaquil.....	Feb. 1-15.....	18	9	
Milagro.....	Feb. 1-15.....	5	.....	
Egypt:				
Provinces—				
Assiout.....	Feb. 11-17.....	3	2	
Beni Souef.....	Feb. 11-17.....	2	2	
Fayoum.....	Feb. 12.....	2	1	
Hawaii:				
Hilo.....	Mar. 12-14.....	2	2	
Honokaa.....	Mar. 14-15.....	2	2	
Japan:				
Kobe.....	Feb. 6-12.....	1	1	
Russia:				
Astrakhan Government.....	Feb. 14-20.....	6	4	
Naourzali-Tchagil.....	Jan. 26-Feb. 2.....	13	15	
Venezuela:				
Puerto Cabello.....	Feb. 24.....	2	.....	

* From the Veröffentlichungen des Kaiserlichen Gesundheitsamtes, February 16, 1910.

SMALLPOX.

Brazil:				
Bahia.....	Jan. 22-28.....	30	23	
Rio de Janeiro.....	Jan. 24-Feb. 13.....	9	1	
Canada:				
Nova Scotia—				
Halifax.....	Feb. 27-Mar. 5.....	1	.....	
Windsor.....	Dec. 1-Jan. 31.....	40	.....	
Chile:				
Antofagasta.....	Feb. 6-12.....	8	.....	In the lazaretto.
China:				
Canton.....	Jan. 16-29.....	20	3	
Hankow.....	Jan. 23-29.....	.....	.....	Present.
Egypt:				
Alexandria.....	Jan. 1-31.....	1	.....	
Germany, general	Jan. 6-12.....	4	.....	
Great Britain:				
London.....	Feb. 12-18.....	1	.....	
Newcastle-on-Tyne.....	Feb. 13-19.....	3	.....	
South Shields.....	Feb. 13-19.....	1	.....	
Greece:				
Athens.....	Feb. 13-19.....	.....	3	
India:				
Bombay.....	Feb. 2-8.....	.....	24	
Calcutta.....	Jan. 23-29.....	.....	1	
Rangoon.....	Jan. 23-29.....	.....	11	
Italy, general	Feb. 14-20.....	19	.....	
Naples.....	Feb. 14-20.....	14	7	
Java:				
Batavia.....	Jan. 22-29.....	1	.....	
Mexico:				
Chihuahua.....	Feb. 22-28.....	6	1	
Mexico.....	Jan. 27-Feb. 5.....	.....	2	

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

Reports Received During Week Ended March 18, 1910.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Philippine Islands:				
Manila.....	Jan 16-22.....	4		
Portugal:				
Lisbon.....	Feb. 13-19.....	13		
Russia:				
Moscow.....	Feb. 6-12.....	20	5	
Odessa.....	Feb. 6-19.....	73	11	
St. Petersburg.....	Feb. 6-12.....	55	18	
Spain:				
Barcelona.....	Feb. 15-21.....		5	
Valencia.....	Feb. 13-19.....	2		
Turkey:				
Salonica.....	Jan. 1-31.....		3	
Uruguay:				
Montevideo.....	Dec. 1-31.....		24	

Reports Received from January 1 to March 11, 1910.

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

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Germany:				
Heydekrug.....	Nov. 19-Dec. 4.....	2		
Niederung.....	Nov. 16-22.....	1		
India:				
Bombay.....	Nov. 24-Jan. 25.....		18	
Calcutta.....	Nov. 14-Jan. 22.....		263	
Madras.....	Jan. 1-7.....		1	
Rangoon.....	Nov. 14-Jan. 22.....		41	
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	
Cebu.....	Nov. 7-Jan. 15.....	282	221	Nov. 20, 1 case on s. s. Yaptico.
Laguna.....	Dec. 19-25.....	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-Jan. 29.....	19	12	
Ekaerinslav, 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		

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

Reports Received from January 1 to March 11, 1910.

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
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-Feb. 5....		30	
Para.....	Nov. 28-Feb. 12....	52	43	
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 <i>Amazona</i> , 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	
Millagro.....	Jan. 1-31.....	10	3	
Egypt:				
Alexandria.....	Nov. 19-Dec. 15....	3	2	
Port Said.....	Nov. 30-Dec. 22....	2	1	
Provinces—				
Assiout.....	Sept. 29-Jan. 26....	27	9	
Beherah.....	Dec. 8-14.....	1		
Beni Souef.....	Dec. 16-Feb. 1....	17	6	
Fayoum.....	Jan. 20-28.....	2	2	
Gallioobeh.....	Jan. 11-Feb. 3....	3	1	
Garbieh.....	Feb. 2.....	1	1	
Girgeh.....	Dec. 19-26.....	2	1	
Ghizeh.....	Dec. 19-Jan. 2....	2		
Kena.....	Feb. 3.....		1	
Menouf.....	Nov. 28-Dec. 15....	17	6	
Minieh.....	Dec. 21-27.....	3	1	
German East Africa:				
Mpwapwa.....	Sept. 19-Oct. 5....	7		
India:				
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	

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

Reports Received from January 1 to March 11, 1910.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
India—Continued.				
Coorg.....	Nov. 14-27.....	5	1	
Mysore State.....	Nov. 7-Jan. 22.....	1,388	1,020	
Hyderabad State.....	Nov. 7-Jan. 22.....	155	126	
Central India.....	Nov. 7-Jan. 22.....	850	638	
Rajputana and Ajmer-Merwara.....	Nov. 7-Jan. 22.....	4,157	3,674	
Kashmir.....	Nov. 7-Jan. 22.....	165	110	
Grand total.....		88,511	74,448	
Indo-China:				
Saigon.....	Nov. 7-Dec. 25.....	5	4	
Japan:				
Kobe.....	Nov. 28-Jan. 29.....	23	19	
Shikoku Island.....	Jan. 30-Feb. 5.....	1		
Paraguay.....	Dec. 10.....		30	In the northern part.
Peru:				
Arequipa, department.....	Dec. 10-16.....	1		
Mollendo.....	Dec. 20-Jan. 1.....	1		
Callao, department—				
Callao.....	Jan. 17-25.....	3		
Lambayeque, department.....	Oct. 1-Dec. 16.....	39	13	
Libertad, department.....	Nov. 19-Dec. 16.....	32	3	
Lima, department.....	Oct. 22-Dec. 16.....	10	6	
Russia:				
Astrakan, government.....	Dec. 5-Feb. 14.....	108	101	50 miles south of Belskulak.
Naourzali-Tchagil.....	Jan. 17-25.....	13	11	
Belskulak.....	Dec. 10-16.....	18	16	
Dshedda.....	Jan. 7.....			Present.
Iibau.....	Dec. 3-9.....	1	1	
Uralsk, district.....	Nov. 25-Jan. 12.....	208	202	
Slam:				
Bangkok.....	Oct. 28-Nov. 27.....	5	5	
Straits Settlements:				
Singapore.....	Dec. 25-Jan. 1.....	2	2	
Turkey in Asia:				
Beirut.....	Nov. 29-Dec. 14.....	3		
Jiddah.....	Jan. 5-Feb. 3.....	5	4	

SMALLPOX.

Algeria, general.....	Dec. 1-15.....	22		
Algiers.....	Nov. 1-Jan. 31.....		3	
Bona.....	Dec. 1-Jan. 31.....	11	9	
Argentina:				
Buenos Aires.....	Oct. 1-Nov. 30.....		16	
Austria:				
Galicla.....	Jan. 1-29.....	3		
Vienna.....	Jan. 9-29.....	2		
Brazil:				
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	
Canada:				
British Columbia—				
Vancouver.....	Jan. 1-31.....	3		
Nova Scotia—				
Halifax.....	Dec. 19-25.....	2		
Chile:				
Antofagasta.....	Jan. 1.....			Present.
Quillota.....	Nov. 28-Dec. 4.....			Do.
Valparaiso.....	Nov. 20-Jan. 1.....			Do.
China:				
Amoy.....	Nov. 28-Jan. 15.....		6	
Canton.....	Dec. 12-Jan. 15.....	30		
Chang Cheun.....	Dec. 11.....			Do.
Chio Be.....	Dec. 11.....			Do.
Hankow.....	Jan. 2-15.....	1	1	Dec. 19-Jan. 22, present among natives.
Shanghai.....	Nov. 1-Jan. 30.....	1	7	Deaths among Chinese.
Cuba:				
Habana.....	Dec. 3-9.....	1		From s. s. La Navarre.
Ecuador:				
Guayaquil.....	Jan. 1-31.....	3		

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

Reports Received from January 1 to March 11, 1910.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Egypt, general.	Nov. 5-Jan. 21.	562	150	
Alexandria.	Nov. 5-Dec. 25.	19	19	
Cairo.	Nov. 20-Feb. 11.	12	3	
France:				
Nantes.	Jan. 1-31.	1		
Paris.	Dec. 5-Feb. 12.	33	1	
Germany, general.	Dec. 5-Jan. 29.	59		
Königsberg.	Dec. 12-Jan. 15.	2	2	In vicinity.
Great Britain:				
Bristol.	Feb. 6-12.	1		
Greenock.	Feb. 6-12.	1		
Hull.	Jan. 16-22.	2		
Liverpool.	Dec. 19-Feb. 5.	9		
London.	Nov. 28-Feb. 12.	18		
Nottingham.	Jan. 16-22.	1		
Plymouth.	Nov. 12-18.		1	
Southampton.	Nov. 12-18.	1		
Greece:				
Athens.	Nov. 22-Feb. 12.	4	12	
Hawaii:				
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.
India:				
Bombay.	Nov. 24-Feb. 1.		111	
Calcutta.	Nov. 14-Jan. 22.		7	
Kurrachee.	Jan. 2-15.	5		
Madras.	Dec. 18-Jan. 21.		3	
Rangoon.	Nov. 20-Jan. 22.		27	
Indo-China:				
Saigon.	Dec. 7-13.	1		
Italy, general.	Nov. 29-Feb. 13.	200		
Genoa.	Dec. 1-Feb. 15.	17	1	
Milan.	Jan. 1-16.	1		
Naples.	Dec. 6-Feb. 13.	169	30	
Japan:				
Kobe.	Dec. 12-25.	1	1	
Java:				
Batavia.	Dec. 12-Jan. 8.	6	1	
Liberia:				
Monrovia.	Nov. 28-Dec. 4.	6		
Malta:				
Valetta.	Dec. 12-Jan. 15.	3	1	
Mexico:				
Aguaascalientes.	Dec. 12-Feb. 26.		27	
Chihuahua.	Dec. 13-Feb. 13.	5	6	
Guadalajara.	Jan. 29-Feb. 18.		5	
Mexico.	Nov. 14-Jan. 29.		13	
Monterey.	Nov. 13-Feb. 20.		2	
Veracruz.	Feb. 13-19.	1		
Netherlands:				
Rotterdam.	Dec. 5-11.	7		
Persia:				
Arabistan.	Dec. 6-31.			Present.
Hamadan.	Nov. 15-Dec. 31.			Do.
Kurdistan.	Dec. 6-31.			Do.
Sultanabad.	Nov. 15.			Do.
Teheran.	Nov. 1-Dec. 2.			Do.
Peru:				
Callao.	Dec. 6-12.			Do.
Philippine Islands:				
Manila.	Nov. 14-Jan. 15.	11		Third quarter, 1909—Cases, 5; deaths, 0.
Portugal:				
Lisbon.	Dec. 5-Feb. 12.	136		
Porto Rico, general.	July 1-Dec. 31.	72	12	
Russia:				
Batoum.	Dec. 1-31.	5		
Libau.	Dec. 6-Feb. 13.	28		
Moscow.	Nov. 21-Feb. 5.	115	37	
Odessa.	Nov. 21-Feb. 5.	157	49	
Riga.	Dec. 5-Feb. 12.	34		
St. Petersburg.	Nov. 28-Feb. 16.	449	134	Oct. 1-Nov. 30, 17 deaths.
Warsaw.	Oct. 24-Dec. 11.		100	
Siam:				
Bangkok.	Nov. 28-Dec. 25.	1	1	
Siberia:				
Vladivostok.	Jan. 15-21.	1	1	

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

Reports Received from January 1 to March 11, 1910.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Spain:				
Almeria.....	Nov. 1-Dec. 31.....		10	
Barcelona.....	Dec. 14-Feb. 14.....		26	
Cadiz.....	Jan. 1-31.....		1	
Huelva.....	Nov. 1-Dec. 31.....		17	
Madrid.....	Dec. 1-Jan. 31.....		59	
Seville.....	Dec. 1-Jan. 31.....		10	
Valencia.....	Jan. 9-29.....	2		
Vigo.....	Jan. 23-29.....		1	
Tripoli:				
Tripoli.....	Nov. 14-Dec. 25....	242	24	
Turkey:				
Constantinople.....	Jan. 2-Feb. 6.....		2	
Turkey in Asia:				
Bagdad.....	Nov. 21-Jan. 31.....			Present.
Smyrna.....	Nov. 5-Dec. 31.....		42	
Uruguay:				
Montevideo.....	Oct. 1-Nov. 30.....		12	

MORTALITY.

WEEKLY MORTALITY TABLE, FOREIGN AND INSULAR CITIES.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—									
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhoid fever.	Scarlet fever.	Diphtheria.	Measles.
Aberdeen.....	Feb. 19	185,703	57										
Aix la Chapelle.....	Feb. 5	161,615	53						1		1	1	1
Do.....	Feb. 12	161,643	52	4							1	2	
Amsterdam.....	Feb. 19	568,131	164	26							1		3
Assuncion.....	Jan. 15	72,000	19	1									
Athens.....	Feb. 19	242,053	68	10					3				
Bahia.....	Jan. 28	265,000	106	9	2			5					
Barcelona.....	Feb. 21	591,272	385	42					5		6	2	1
Barmen.....	Jan. 29	163,500	30	4							1		
Do.....	Feb. 5		36	7									
Belfast.....	Feb. 19	391,167	156	22					1			1	17
Belgrade.....	Feb. 12	80,000							1		1		
Berlin.....	Jan. 30	2,120,317	600	84							9	20	5
Birmingham.....	Feb. 19	558,336	171							2	2		9
Bombay.....	Feb. 8	977,822	734	59	60	1	24		4				1
Bradford.....	Feb. 19	295,865	72	8								3	
Bremen.....	Feb. 12	235,648	61	7								1	2
Do.....	Feb. 19		61	8					2			1	3
Bristol.....	Feb. 26	382,550	98	4							1		1
Brussels.....	Feb. 19	720,030	207	13					1			3	1
Budapest.....	Feb. 12	850,000								6		4	1
Calcutta.....	Jan. 29	847,796	616	30	8	81	1					5	
Canton.....	Jan. 22	1,000,000	150	10			3						
Do.....	Jan. 29		125	20					3		2		
Chemnitz.....	Feb. 5	279,137	85	8						1	1		
Do.....	Feb. 12	279,847	72	8					1	1	1		
Chihuahua.....	Feb. 28	37,000	19	2			1		1		1		
Christiania.....	Feb. 19	436,000	59	7						1	1		
Coburg.....	do.....	23,509	8	2									
Cologne.....	Feb. 5	475,351	144	18						1	2	2	1
Do.....	Feb. 12		133	14					1	1	3	3	3
Do.....	Feb. 19		113	9						2	3	1	3
Colombo.....	Jan. 29	187,564	133	11					6				
Constantinople.....	Feb. 20	1,000,000	259	35					6	2		3	
Copenhagen.....	Feb. 5	450,000	145	11						2			4
Dundee.....	Feb. 19	170,206	69	5							2	1	
Edinburgh.....	do.....	310,276	113	11								4	2

MORTALITY—Continued.

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhoid fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Fiume.....	Feb. 19	50,811	16	2									2	
Frankfort on the Main..	Feb. 5	372,000	90										1	
Do.	Feb. 12		98										4	
Geneva.....do.		121,500	32								3			
Glasgow.....	Feb. 25	872,021	287						1	4		2	27	4
Halifax.....	Mar. 5	50,000	13											
Hamburg.....	Feb. 19	985,804	251	27					2	3		8	3	1
Karachi.....	Feb. 5	108,644	96		46									
Kobe.....	Feb. 12	380,717	136		1									
Konigsberg.....	Feb. 5	243,200	92	8							2		1	1
Do.	Feb. 12		77	17								1		2
Leeds.....	Feb. 19	490,985	118	5										4
Leipzig.....	Feb. 12	590,329	146	16										1
Do.	Feb. 19		164	24							1	1	3	2
Leith.....do.		86,767	27	1									1	
Liverpool.....	do.	767,606	304	17							1	1	8	9
London.....	Feb. 18	7,537,196	2,145											
Lubeck.....	Feb. 19	97,500	37	2						6	12	14	31	70
Lyons.....	Feb. 5	500,000	167	28								1		
Magdeburg.....	Feb. 12	253,709	73	9								3		
Madras.....	Feb. 4	509,346	384			1						1	2	1
Managua.....	Feb. 12	22,278	8	2										
Manaos.....do.		52,000	54	2						1				
Manchester.....	Feb. 19	631,533	248	23			6							2
Mannheim.....	Feb. 5	186,307	36	6							1	2		1
Mexico.....do.		400,000	366	33				2	9		2	2	3	4
Monterey.....	Feb. 13	100,000	43	3										
Montreal.....	Mar. 5	389,837	166	21						2	7	3		4
Munich.....	Feb. 5	576,000	174	41					1				1	1
Do.	Feb. 12		183	39						1			1	2
Nagasaki.....	Feb. 13	176,970	43	4										
Naples.....	Feb. 19	583,729	313					7					2	
Newcastle on Tyne.....	do.	281,584	79											1
Nottingham.....	Feb. 12	260,000	82								1	1	1	
Nuremberg.....	Jan. 29	323,500	94	11								3	2	
Odessa.....	Feb. 12	520,000	228	32				5	3	2	9	7	6	1
Do.	Feb. 19		168	20				6	2	1	9	5	3	
Para.....do.		185,000	83	3	1		3							
Prague.....	Feb. 12	233,649	139	36							1	3	1	
Quebec.....	Feb. 26	81,000									1			
Rangoon.....	Jan. 29	252,155	172	6	3			11						
Rio de Janeiro.....	Feb. 6	850,000	368	126				1		2			4	3
Do.	Feb. 13		299	73										1
St. Petersburg.....	Feb. 12	1,678,000	865	126				18	3	15	18	17	48	18
Santa Cruz de Teneriffe.....	do.	46,000	26	4								2	1	
Sheffield.....	do.	472,000	128	13							2	1	1	
Do.	Feb. 19		118	5								5		2
South Shields.....	do.	119,737	29	1										
Stettin.....	Feb. 12	239,000	71	9						1		2		1
Do.	Feb. 19		12								1			
Stockholm.....	Feb. 12	339,582	109	20						1	1	2	9	4
Tarragona.....	Feb. 19	20,400	12	1										
Trieste.....	Feb. 12	218,727	112										2	1
Do.	Feb. 19		116										1	3
Turin.....	Feb. 17	391,368	159	18						2		5	2	
Valencia.....	Feb. 19	240,000	146	7								1		
Venice.....	Jan. 1	179,286	60	1								3	2	
Do.	Jan. 8		77	3						2		1		
Do.	Jan. 15		83	6						2				7
Do.	Jan. 22		86	7					1	3		1	10	
Do.	Jan. 29		94	8					1	4	1	3	9	
Do.	Feb. 5		93	4						1	4		3	
Vienna.....do.		2,085,888	655	106						2	3	8	6	5
Do.	Feb. 12		667	98						1	4	7	15	4
Do.	Feb. 19		661	113						2		4	15	5
Warsaw.....	Dec. 11	764,054	311	58				16			1	16	2	6
Yokohama.....	Feb. 14	392,870								2				

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

ALGERIA—Bona.—Month of January, 1910. Population, 42,000. Total number of deaths from all causes, 124, including typhus fever 1, typhoid fever 2, tuberculosis 16.

CANADA—Hamilton.—Month of February, 1910. Population, 70,000. Total number of deaths from all causes, 83, including diphtheria 5, tuberculosis 3.

CAPE COLONY—Cape Town.—Months of October, November, and December, 1909. Population, 65,710. Total number of deaths from all causes, 384, including typhoid fever 1, measles 4, diphtheria 7, tuberculosis 79.

COSTA RICA—San José.—Month of January, 1910. Population, 27,532. Total number of deaths from all causes, 64, including typhoid fever 2, tuberculosis 4.

CUBA—Matanzas.—Month of January, 1910. Population, 36,009. Total number of deaths from all causes, 81, including tuberculosis 8.

EGYPT—Alexandria.—Month of January, 1910. Population, 420,000. Total number of deaths from all causes, 963, including typhoid fever 3, smallpox 1, measles 19, diphtheria 11, tuberculosis 97.

FRANCE—Roubaix.—Month of January, 1910. Population, 121,115. Total number of deaths from all causes, 172, including diphtheria 2, tuberculosis 31.

St. Etienne.—Two weeks ended February 15, 1910. Population, 150,000. Total number of deaths from all causes 158, including typhoid fever 1, diphtheria 2, tuberculosis 22.

GREAT BRITAIN.—Week ended February 12.

England and Wales.—The deaths registered in 76 great towns, having an aggregate population of 16,713,617, correspond to an annual rate of 16.6 per 1,000 of the population.

Salford.—Two weeks ended February 12, 1910. Population, 244,636. Total number of deaths from all causes 167, including measles 1, scarlet fever 1, diphtheria 10, tuberculosis 12.

Ireland.—The deaths registered in 21 principal town districts was 26 per 1,000 of the population, which is estimated at 1,151,790. The lowest rate was recorded at Dundalk, viz, 12, and the highest at Lurgan, viz, 53.1, per 1,000.

Scotland.—The deaths registered in 8 principal towns correspond to an annual rate of 17 per 1,000 of the population, which is estimated at 1,864,194. The lowest rate was recorded at Paisley, viz, 11.7, and the highest at Greenock, viz, 27.6. The total number of deaths from all causes was 615, including typhoid fever 2, measles 55, scarlet fever 3, diphtheria 13.

INDIA—*Rangoon*.—Month of December, 1909. Population, 295,803. Total number of deaths from all causes 842, including typhoid fever 5, smallpox 7, plague 8, tuberculosis 25.

ITALY—*Milan*.—Period from February 1 to 15, 1910. Population 900,000. Total number of deaths from all causes 82, including typhoid fever 8, scarlet fever 1, diphtheria 2, tuberculosis 70.

Rome.—Month of July, 1909. Population 559,715. Total number of deaths from all causes 968, including typhoid fever 14, measles 25, scarlet fever 3, diphtheria 9, tuberculosis 89.

Month of August, 1909. Total number of deaths from all causes 770, including typhoid fever 17, measles 6, scarlet fever 1, diphtheria 6, tuberculosis 69.

Month of September, 1909. Total number of deaths from all causes 635, including typhoid fever 18, diphtheria 1, tuberculosis 67.

JAMAICA—*Port Antonio*.—Two weeks ended February 5, 1909. Population, 42,243. Number of deaths not reported. No contagious diseases.

MAURITIUS—*Port Louis*.—Month of November, 1909. Population, 374,237. Total number of deaths from all causes 1,111, including typhoid fever 2, plague 98, tuberculosis 66.

SOUTH AFRICA—*Johannesburg*.—Two weeks ended January 22, 1910. Population, 180,687. Total number of deaths from all causes 219, including typhoid fever 12, measles 1, scarlet fever 1, tuberculosis 18.

SPAIN—*Cadiz*.—Month of January, 1910. Population, 69,382. Total number of deaths from all causes 199, including typhoid fever 2, smallpox 1, tuberculosis 38.

TURKS ISLANDS.—Two weeks ended February 19, 1910. Population, 1,800. Total number of deaths from all causes 3. No contagious diseases.

By authority of the Secretary of the Treasury:

WALTER WYMAN,

Surgeon-General,

United States Public Health and Marine-Hospital Service.