

PUBLIC HEALTH REPORTS.

UNITED STATES.

[Reports to the Surgeon-General, Public Health and Marine-Hospital Service.]

Reports from San Francisco, Cal.—Plague-prevention work at San Francisco, Oakland, and Point Richmond, and in Alameda and Contra Costa counties, Cal.

Passed Assistant Surgeon Blue reports:

SAN FRANCISCO, CAL.

Date of last case of human plague: Sickened, January 30, 1908.

Date of last case of rodent plague: October 23, 1908.

Week ended March 27, 1909.

Sick inspected.....	10
Plague.....	0
Dead inspected.....	109
Plague.....	0
Necropsy held.....	1
Premises inspected.....	2,195
Houses disinfected.....	21
Nuisances abated.....	271
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Rats found dead.....	45
Rats trapped.....	2,674
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Total rats taken.....	2,719
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Rats identified:	
Mus norvegicus.....	1,917
Mus rattus.....	52
Mus musculus.....	728
Mus alexandrinus.....	11
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Total.....	2,708
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Rats identified as to sex.....	1,946
Male.....	918
Female.....	1,028
Rats examined bacteriologically.....	1,662
Plague rats.....	0
Ground squirrels trapped.....	8
Ground squirrels examined bacteriologically.....	8
Plague squirrels.....	0
Poisons placed.....	29,452

OAKLAND, CAL.

Date of last case of human plague: Sickened, July 17, 1908.

Date of last case of rodent plague: Trapped, December 1, 1908.

Week ended March 20, 1909.

Dead inspected.....	33
Plague.....	0
Premises inspected.....	1,341
Premises cleaned.....	203
Garbage cans installed.....	174
Place made rat-proof.....	1
Necropsies held.....	4
Nuisances abated.....	208
Rats found dead.....	31
Rats trapped.....	597
Rats identified:	
Mus norvegicus.....	614
Mus rattus.....	7
Mus musculus.....	103
Mus alexandrinus.....	7
Total.....	<u>731</u>
Rats examined bacteriologically.....	627
Plague rats.....	0
Mice examined bacteriologically.....	103
Plague mice.....	0
Poisons placed.....	21,345

POINT RICHMOND, CAL.

Week ended March 20.

Sick inspected.....	2
Plague.....	0
Dead inspected.....	2
Plague.....	0
Premises inspected.....	490
Nuisances abated.....	27
Rats found dead.....	14
Rats trapped.....	14
Rats examined bacteriologically.....	11
Plague rats.....	0
Ground squirrels trapped.....	3
Ground squirrels examined bacteriologically.....	3
Plague squirrels.....	0
Poisons placed.....	7,000

ALAMEDA COUNTY, CAL.

Week ended March 20.

Sick inspected.....	5
Plague.....	0
Dead inspected.....	56
Plague.....	0
Necropsies held.....	4

CONTRA COSTA COUNTY, CAL.

Week ended March 20.

Dead inspected.....	3
Plague.....	0
Ground squirrels shot.....	43
Ground squirrels examined bacteriologically.....	43
Plague squirrels.....	0
Rabbits shot.....	2
Rabbit found dead.....	1
Rabbits examined bacteriologically.....	3
Plague rabbits.....	0
Ranches inspected.....	42
Ranches found free of squirrels.....	17
Ranches poisoning squirrels.....	25

Report from Los Angeles, Cal.—Examination of animals for plague infection.

Passed Assistant Surgeon Stimson reports, March 24:

Animals examined in the laboratory in this city from March 15 to 21, inclusive:

Ground squirrels.....	78
Gray rats.....	389
Black rats.....	15

None of these animals was found to be infected with plague.

Report from Seattle, Wash.—Plague-prevention work.

Passed Assistant Surgeon Glover reports, March 22:

SEATTLE, WASH.

Date of finding of last plague rat, September 26, 1908.

Week ended March 20, 1909.

Plague-infected rats to date.....	21
Rats received.....	1, 222
Rats necropsied.....	1, 300
Plague rats.....	0

STATISTICAL REPORTS OF MORBIDITY AND MORTALITY, STATES AND CITIES OF THE UNITED STATES—UNTABULATED.

CALIFORNIA.—Month of February, 1909. Estimated population, 2,037,929. Total number of deaths reported to the state board of health, 2,486, including diphtheria 23, enteric fever 28, measles 12, scarlet fever 2, whooping cough 6, smallpox 1, and 404 from tuberculosis.

COLORADO.—Annual report for the year, 1907. Estimated population, 628,616. Total number of deaths, 11,093, corresponding to an annual death rate of 17.657 per 1,000 of population, including enteric fever 403, smallpox 4, measles 196, scarlet fever 228, whooping cough 54, diphtheria 138, and 1,811 from tuberculosis. Cases: Diphtheria 715, scarlet fever 3,278, smallpox 1,119, enteric fever 3,064.

Annual report for the year, 1908. Estimated population, 640,861. Total number of deaths, 10,911, corresponding to an annual death rate of 17.025 per 1,000 of population, including enteric fever 316, smallpox 3, measles 106, scarlet fever 175, whooping cough 150, diphtheria 188, and 1,913 from tuberculosis. Cases: Diphtheria 1,213, scarlet fever 2,585, smallpox 433, enteric fever 2,417.

CONNECTICUT—*New Haven*.—Month of December, 1908. Estimated population, 125,000. Total number of deaths, 198, including enteric fever 5, measles 1, whooping cough 1, diphtheria 4, and 16 from tuberculosis. Cases: Diphtheria 15, scarlet fever 7, and enteric fever 10.

Month of January, 1909. Total number of deaths, 187, including scarlet fever 2, enteric fever 1, whooping cough 1, and 25 from tuberculosis. Cases: Diphtheria 36, scarlet fever 34, and enteric fever 1.

Month of February, 1909. Total number of deaths, 190, including scarlet fever 2, measles 5, whooping cough 2, diphtheria 1, and 29 from tuberculosis. Cases: Diphtheria 44, scarlet fever 24, and enteric fever 2.

ILLINOIS—*Quincy*.—Month of March, 1909. Estimated population, 43,000. Total number of deaths 54, including 3 from tuberculosis. Cases: Diphtheria 16.

IOWA—*Keokuk*.—Month of February, 1909. Estimated population, 16,000. Total number of deaths 26, including 4 from tuberculosis. Cases: Scarlet fever 7, diphtheria 2, and tuberculosis 2.

MASSACHUSETTS—*Quincy*.—Months of January and February, 1909. Estimated population, 28,067. Total number of deaths, 71, including 3 from tuberculosis. Cases: Scarlet fever 18, diphtheria 30, tuberculosis 10, and enteric fever 2.

MICHIGAN.—Annual report for the year 1907. Estimated population, 2,529,850. Total number of deaths, 36,701, corresponding to an annual death rate of 14.052 per 1,000 of population, including enteric fever 594, smallpox 8, measles 256, scarlet fever 159, whooping cough 223, diphtheria 421, and 2,721 from tuberculosis.

Month of February, 1909. Report from districts covering 2,494,442 persons. Total number of deaths, 2,767, corresponding to an annual death rate of 13.6 per 1,000 of population, including tuberculosis 221, enteric fever 29, diphtheria 41, scarlet fever 11, measles 21, and 18 from whooping cough.

MINNESOTA—*Minneapolis*.—Month of February, 1909. Estimated population, 310,000. Total number of deaths, 246, including diphtheria 7, enteric fever 1, and 21 from pulmonary tuberculosis. Cases: Diphtheria 117, enteric fever 7, scarlet fever 79, smallpox 28, and tuberculosis 34.

MISSOURI—*St. Louis*.—Month of January, 1909. Estimated population, 735,200. Total number of deaths, 944, including measles 11, scarlet fever 3, diphtheria 27, enteric fever 1, and 105 from pulmonary tuberculosis. Cases: Pulmonary tuberculosis 159, diphtheria 247, measles 724, scarlet fever 122, smallpox 6, enteric fever 24, and whooping cough 22.

MONTANA.—Month of January, 1909. Estimated population, 280,000. Reports to the state board of health show as follows: Total number of deaths, 369, including diphtheria 8, enteric fever 8, scarlet fever 21, and 24 from tuberculosis. Cases: Diphtheria 95, enteric fever 14, measles 62, scarlet fever 219, and smallpox 63.

Month of February, 1909. Total number of deaths, 331, including whooping cough 1, enteric fever 6, scarlet fever 12, diphtheria 12, and 31 from tuberculosis. Cases: Smallpox 49, diphtheria 76, scarlet fever 198, measles 84, and enteric fever 8.

NEW JERSEY.—Reports to the state board of health for the month of March, 1909, show a total of 2,992 deaths, including diphtheria 65, enteric fever 21, measles 26, scarlet fever 29, whooping cough 18, and 376 from tuberculosis.

NEW YORK—*Yonkers*.—Months of January and February, 1909. Estimated population, 72,200. Total number of deaths 192, including scarlet fever 7, diphtheria 7, and 18 from tuberculosis. Cases: Scarlet fever 71, diphtheria 28, measles 248, and tuberculosis 33.

OHIO—*Cleveland*.—Month of February, 1909. Estimated population, 515,000. Total number of deaths 538, including diphtheria 4, enteric fever 3, measles 2, scarlet fever 2, whooping cough 7, and 60 from tuberculosis. Cases of contagious diseases not reported.

Toledo.—Months of January and February, 1909. Estimated population 195,888. Total number of deaths 328, including enteric fever 18, scarlet fever 3, diphtheria 3, and 37 from tuberculosis. Cases: Enteric fever 89, scarlet fever 32, diphtheria 52, measles 7, and tuberculosis 65.

PENNSYLVANIA—*Altoona*.—Month of March, 1909. Estimated population, 60,000. Total number of deaths, 62, including diphtheria 1, and 2 from tuberculosis. Cases: Diphtheria 10, and scarlet fever 14.

UTAH.—Month of February, 1909. Reports to the state board of health from 27 counties, having an estimated population of 346,873, show as follows: Total number of deaths, 320, including diphtheria 8, enteric fever 2, whooping cough 1, scarlet fever 7, measles 3, and 5 from tuberculosis. Cases: Diphtheria 73, enteric fever 21, measles 156, scarlet fever 205, smallpox 224, whooping cough 106, and tuberculosis 17 (incomplete).

WISCONSIN.—Quarter ended December 31, 1908. Estimated population, 2,228,969. Total number of deaths, 26,778, corresponding to an annual death rate of 11.5 per 1,000 of population, including enteric fever 32, diphtheria 66, whooping cough 1, smallpox 2, scarlet fever 32, measles 9, and 129 from pulmonary tuberculosis. Cases: Diphtheria 680, enteric fever 319, whooping cough 65, smallpox 391, scarlet fever 622, measles 431, and pulmonary tuberculosis 238.

Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, December 26, 1908, to April 9, 1909.

For reports received from June 26, 1906, to December 25, 1908, see PUBLIC HEALTH REPORTS for December 25, 1908.

[NOTE.—In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

Place.	Date.	Cases.	Deaths.	Remarks.	
Alabama:					
Mobile.....	Jan. 12-Feb. 6.....	7		Year 1908.	
Montgomery.....	Mar. 13.....		1		
Tuscaloosa County.....	Feb. 6-Dec. 31.....	86			
Total for State.....		93	1		
Arkansas:					
Allbrook.....	Jan. 1-Mar. 25.....	40			
Bethel.....	Jan. 25.....	3			
Jonesboro.....	Jan. 20-Mar. 1.....	20			
Little Rock.....	Dec. 15-Jan. 2.....	23			
Magnolia.....	Jan. 5-13.....	25			
Paragould.....	Feb. 1-Mar. 9.....	27			
Texarkana.....	Nov. 26-Jan. 11.....	10			
Total for State.....		148			
California, general.....					
Los Angeles.....	Nov. 1-Feb. 28.....		4		
Oakland.....	Dec. 6-Mar. 6.....	18			
Sacramento.....	Nov. 1-Mar. 21.....	14			
San Francisco.....	Nov. 1-Feb. 28.....	53			
Stockton.....	Dec. 13-Mar. 20.....	29			
	Nov. 1-30.....	12			
Total for State.....		126	4		
Colorado, general.....	July 1-Feb. 23.....	109			
District of Columbia:					
Washington.....	Dec. 28-Mar. 27.....	8			
Total for District.....		8			
Georgia:					
Bibb County—					
Macon.....	Mar. 14-21.....	1			
Cobb County.....					
Jan. 16-Feb. 7.....		8			
Paulding County.....					
Jan. 16-Feb. 7.....		15			
Total for State.....		24			
Illinois:					
Alexander County—					
Cairo.....	Jan. 7-Feb. 27.....	211			
Thebes.....	Jan. 1-31.....	2			
Bureau County—					
Ladd.....	Nov. 1-30.....	4			
Christian County—					
Taylorville.....	Aug. 1-Jan. 20.....	40			
Clinton County—					
Carlyle.....	Jan. 1-31.....	1			
Coles County—					
Charleston.....	Jan. 1-30.....	1			
Cook County—					
Chicago.....	Jan. 3-Apr. 3.....	10			
Franklin County—					
West Frankfort.....	Dec. 12-Feb. 13.....	15			
Fulton County—					
Canton.....	Jan. 1-31.....	38			
Cuba.....	Jan. 1-31.....	1			
Lewiston.....	Jan. 1-31.....	6			
Jackson County—					
Murphrysboro.....	Jan. 1-31.....	45	1	Present in Smallwood and South Muddy townships.	
Jasper County.....	Jan. 1-31.....				
Newton.....	Jan. 1-31.....	1			
Jo Daviess County—					
Galena.....	Jan. 1-31.....	3			
Kane County—					
St. Charles.....	Jan. 1-31.....	1			
Kankakee County—					
Grant Park.....	Jan. 1-31.....	1			
Knox County—					
Galesburg.....	Feb. 14-Mar. 13.....	4			

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Illinois—Continued.				
Lake County—				
Waukegan.....	Feb. 2-26.....	3		
McLean County—				
Bloomington.....	Jan. 1-31.....	5		
Macon County—				
Decatur.....	Jan. 1-31.....	8		
Macoupin County—				
Benld.....	Feb. 15-18.....	2		
Palmyra.....	Dec. 25-Jan. 20.....	4		
Scottsville.....	Dec. 25-Jan. 20.....	12		
Marion County—				
Centralla.....	July 1-Jan. 20.....	53		
Odin.....	Jan. 1-31.....	1		
Sandoval.....	Jan. 1-31.....	1		
Mason County.....	Jan. 1-31.....			Present in Havana and Quiver townships.
Massac County—				
Metropolis.....	Jan. 1-31.....	1		
Mercer County.....	Jan. 1-31.....	1		In North Henderson township.
Montgomery County.....	Jan. 1-31.....	8		Present in Farmersville and in Bois d'Arc and Pitman townships.
Morgan County—				
Jacksonville.....	Feb. 5-11.....	1		
Peoria County—				
Peoria.....	Dec. 20-Mar. 20.....	31		Present in Glasford and in Timber and Trivoli townships.
Pulaski County.....	Jan. 1-31.....			Present in Pulaski.
Mounds.....	Jan. 1-31.....	3		
Mound City.....	Jan. 1-31.....	7		
Randolph County—				
Percy.....	Jan. 1-31.....	1		
St. Clair County—				
Belleville.....	Dec. 4-20.....	3		Present in January.
Mascoutah.....	Jan. 1-31.....	1		
Millstadt.....	Jan. 1-31.....	1		
Saline County—				
Eldorado.....	Jan. 1-31.....	1		
Sangamon County—				
Pawnee.....	Jan. 1-31.....	2		
Springfield.....	Mar. 20-26.....	3		
Schuyler County—				
Browning.....	Oct. 12-Jan. 20.....	75		
Tazewell County.....	Jan. 1-31.....			Present in Elm Grove township.
Pekin.....	Jan. 1-31.....	28		
Vermilion County—				
Danville.....	Jan. 11-Mar. 28.....	19		
Williamson County—				
Cartersville.....	Jan. 1-31.....	2		
Johnston City.....	Jan. 1-31.....	1		
Marion.....	Jan. 1-31.....	6		
Total for State.....		668	1	
Indiana:				
Allen County.....	Dec. 1-31.....	1		
Fort Wayne.....	Jan. 10-Feb. 6.....	4		
Bartholomew County.....	Dec. 1-31.....	1		
Benton County.....	Nov. 1-Dec. 31.....	4		
Boone County.....	Nov. 1-Dec. 31.....	2		
Carroll County.....	Oct. 1-31.....	26		
Clay County.....	Oct. 1-31.....	8		
Dearborn County.....	Oct. 1-31.....	1		
Delaware County.....	Dec. 1-31.....	52		
Elkhart County.....	Oct. 1-Nov. 30.....	7		
Elkhart.....	Jan. 17-Mar. 6.....	8		
Franklin County.....	Dec. 1-31.....	1		
Gibson County.....	Dec. 1-31.....	1		
Grant County.....	Dec. 1-31.....	2		
Union.....	Feb. 6.....	5		
Hamilton County.....	Dec. 1-31.....	1		
Harrison County.....	Dec. 1-31.....	1		
Hendricks County.....	Nov. 1-Dec. 31.....	5		
Madison County.....	Oct. 1-31.....	1		
Anderson.....	Dec. 1-31.....	1		
Marion County.....	Dec. 1-31.....	1		
Indianapolis.....	Jan. 18-Feb. 28.....	5		
Miami County.....	Dec. 1-31.....	1		
Rush County.....	Dec. 1-31.....	24		
Shelby County.....	Dec. 1-31.....	1		
Spencer County.....	Dec. 1-31.....	1		
St. Joseph County.....	Dec. 1-31.....	12		
South Bend.....	Mar. 23-29.....	1		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Indiana—Continued.				
Sullivan County	Oct. 1-31	2		
Tippecanoe County	Oct. 1-Dec. 31	77		
Lafayette	Dec. 15-Mar. 29	61	1	
Tipton County	Nov. 1-Dec. 31	2		
Vanderburg County—				
Evansville	Jan. 10-Feb. 20	10		
Vigo County	Oct. 1-Dec. 31	7		
Wabash County	Nov. 1-Dec. 31	4		
Warren County	Dec. 1-31	7		
Wayne County	Nov. 1-30	8		
Total for State		356	1	
Iowa, general				
Burlington	July 1-Sept. 30		2	
Council Bluffs	Jan. 1-31	1		
Council Bluffs	July 1-Feb. 28	32	2	
Dubuque	Oct. 1-Jan. 31	87	1	
Total for State		120	5	
Kansas:				
Allen County	Jan. 1-31	6		
Atchison County—				
Atchison	Dec. 20-Jan. 16	2		
Barton County	Nov. 1-30	7		
Bourbon County	Nov. 1-30	1		
Brown County	Nov. 1-Jan. 31	50		
Cherokee County	Jan. 1-31	22		
Crawford County	Jan. 1-31	7		
Pittsburg	Nov. 1-Dec. 31	107		
Decatur County	Jan. 1-31	1		
Ford County	Jan. 1-31	2		
Franklin County	Dec. 1-31	1		
Harvey County	Nov. 1-Dec. 31	4		
Jackson County	Nov. 1-Dec. 31	95		
Jefferson County	Dec. 1-Jan. 31	15		
Jewell County	Dec. 1-31	2		
Labetta County—				
Parsons	Jan. 1-31	3		
Lane County	Jan. 1-31	4		
McPherson County	Jan. 1-31	1		
Marshall County	Jan. 1-31	1		
Montgomery County	Nov. 1-Jan. 31	19		
Nemaha County	Dec. 1-31	2		
Phillips County	Dec. 1-Jan. 31	5		
Pottawatomie County	Nov. 1-Dec. 31	36		
Prairie County	Dec. 1-31	20		
Reno County	Nov. 1-Jan. 31	4	1	
Riley County	Nov. 1-30	2		
Rooks County	Jan. 1-31	3		
Saline County	Nov. 1-Jan. 31	48		
Sedgewick County—				
Wichita	Mar. 7-20	7		
Shawnee County	Nov. 1-Jan. 31	27		
Topeka	June 7-Mar. 27	116		
Sheridan County	Dec. 1-Jan. 31	11		
Stafford County	Dec. 1-31	1		
Sumner County	Nov. 1-Dec. 31	8		
Thomas County	Jan. 1-31	2		
Wallace County	Jan. 1-31	2		
Waubaussee County	Jan. 1-31	3		
Wilson County	Nov. 1-30	5		
Wyandotte County—				
Kansas City	Jan. 3-Mar. 27	34		
Total for State		686	1	
Kentucky:				
Anderson County	Oct. 1-Jan. 20	200	1	Including Lawrenceburg.
Covington	Dec. 29-Apr. 3	31		
Fulton	Feb. 1-Mar. 22	27		
Georgetown	Dec. 2-Mar. 4	31		
Henderson		7		Jan. 1-June 30, 1908.
Lexington	Dec. 28-Mar. 27	41		
Newport	July 1-Mar. 20	54	1	Jan. 1-June 30, 1908, 16 cases, 1 death.
Paducah	Jan. 24-Mar. 27	43		
Total for State		434	2	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Louisiana:				
Alexandria.....	Feb. 1-28.....	9		Including Blenville, Liberty Hill, and Mount Lebanon And vicinity.
Arcadia Parish.....	Dec. 20-Jan. 11.....	30		
New Orleans.....	Dec. 20-Mar. 20.....	25		
Shreveport.....	Jan. 1-20.....	32	1	
Winnfield.....	Jan. 1-Mar. 24.....	33		
Total for State.....		129	1	
Maine:				
Cyr plantation.....	Oct. 16-24.....	11		
Frenchville.....	Nov. 11-Dec. 5.....	2		
Grand Isle (Grant Isle).....	Oct. 16-Dec. 12.....	26		
St. Agatha.....	Oct. 24-Dec. 26.....	9		
St. David.....	Dec. 13-19.....	1		
Upper Frenchville.....	Oct. 25-Nov. 11.....	2		
Van Buren.....	Oct. 18-Feb. 6.....	94		
Total for State.....		145		
Maryland:				
Baltimore.....	Jan. 30-Feb. 6.....	1		
Total for State.....		1		
Massachusetts:				
Boston.....	Mar. 14-20.....	2		
Haverhill.....	Mar. 14-20.....	1		
Lawrence.....	Mar. 7-13.....	1		
New Bedford.....	Jan. 30-Mar. 13.....	3	1	
Taunton.....	Jan. 3-9.....	1		
Total for State.....		8	1	
Michigan:				
Barry County.....	Nov. 1-Dec. 31.....	5		
Cheboygan County.....	Dec. 1-31.....	4		
Delta County.....	Nov. 1-30.....	1		
Eaton County.....	Dec. 1-31.....	1		
Ingham County—				
Lansing.....	Nov. 1-Dec. 31.....	11		
Ionia County.....	Dec. 1-31.....	2		
Kalamazoo County.....	Dec. 1-31.....	3		
Kent County—				
Grand Rapids.....	Jan. 24-Feb. 20.....	2		
Lapeer County.....	Dec. 1-31.....	2		
Macomb County.....	Nov. 1-30.....	1		
Manistee County.....	Nov. 1-30.....	2		
Menominee County.....	Dec. 1-31.....	1		
Muskegon County.....	Nov. 1-Dec. 31.....	19		
Saginaw County—				
Saginaw.....	Jan. 16-Mar. 27.....	7		
St. Clair County.....	Nov. 1-Dec. 31.....	2		
Port Huron.....	Nov. 1-Dec. 5.....	3		
Wayne County—				
Detroit.....	Jan. 10-Mar. 27.....	7		
Wexford County.....	Dec. 1-31.....	2		
Total for State.....		75		
Minnesota:				
Becker County.....	Dec. 7-13.....	1		
Benton County.....	Oct. 26-Nov. 2.....	1		
Brown County.....	Oct. 20-Nov. 23.....	11		
Carver County.....	Dec. 7-13.....	6		
Cass County.....	Oct. 12-Dec. 7.....	1		
Chippewa County.....	Nov. 3-9.....	1		
Cottonwood County.....	Oct. 20-26.....	1		
Dodge County.....	Nov. 24-Dec. 7.....	2		
Faribault County.....	Dec. 7-13.....	1		
Hennepin County.....	Oct. 6-12.....	1		
Minneapolis.....	Nov. 1-Mar. 27.....	89		
Hubbard County.....	Oct. 19-Dec. 7.....	11		
Jackson County.....	Dec. 7-13.....	1		
Lac qui Parle County.....	Nov. 2-Dec. 13.....	3		
Lyon County.....	Nov. 16-Dec. 13.....	2		
Morrison County.....	Nov. 20-Dec. 13.....	20		
Nicolett County.....	Nov. 16-Dec. 13.....	3		
Norman County.....	Dec. 7-13.....	5		
Pipestone County.....	Dec. 7-13.....	6		
Ramsey County.....	Nov. 16-Dec. 7.....	2		
St. Paul.....	Oct. 6-Dec. 13.....	57		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Minnesota—Continued.				
Renville County.....	Dec. 1-7.....	1		
St. Louis County— Duluth.....	Nov. 9-Jan. 22.....	3		
Sibley County.....	Dec. 7-13.....	9		
Stearns County.....	Nov. 9-Dec. 7.....	4		
Steele County.....	Oct. 20-Dec. 7.....	4		
Stevens County.....	Nov. 9-Dec. 13.....	12		
Todd County.....	Nov. 9-Dec. 13.....	3		
Wabasha County.....	Nov. 2-Dec. 7.....	10		
Wadena County.....	Nov. 2-Dec. 13.....	15		
Saseka County.....	Oct. 26-Dec. 7.....	9		
Washington County.....	Nov. 24-30.....	1		
Stillwater.....	Dec. 1-31.....	3		
Winona County.....	Dec. 1-7.....	1		
Winona.....	Dec. 1-Feb. 28.....	8		
Yellow Medicine County.....	Oct. 20-26.....	1		
Total for State.....		309		
Mississippi:				
De Soto County.....	Nov. 1-Dec. 22.....	135		
Total for State.....		135		
Missouri:				
Kansas City.....	Jan. 24-Mar. 20.....	12		
Liberty.....	Jan. 15-Mar. 11.....	20		
Rich Hill.....	Dec. 5-31.....	4		
St. Joseph.....	Dec. 1-31.....	1		
St. Louis.....	Dec. 20-Mar. 27.....	23		
Springfield.....	Nov. 1-Feb. 28.....	3		
Total for State.....		63		
Montana:				
Beaverhead County.....	Feb. 1-28.....	2		Report for December not yet received.
Carbon County.....	Feb. 1-28.....	1		
Cascade County.....	Nov. 1-Jan. 31.....	5		
Choteau County.....	Jan. 1-Feb. 28.....	4		
Dawson County.....	Jan. 1-31.....	3		
Fergus County.....	Jan. 1-Feb. 29.....	29		
Flathead County.....	Nov. 1-30.....	1		
Gallatin County.....	Nov. 1-Jan. 31.....	14		
Bozeman.....	Nov. 1-Feb. 28.....	19		
Granite County.....	Jan. 1-31.....	4		
Jefferson County.....	Nov. 1-30.....	4		
Missoula County.....	Jan. 1-31.....	12		
Missoula.....	Jan. 1-Feb. 28.....	4		
Park County.....	Jan. 1-31.....	6		
Powell County.....	Jan. 1-Feb. 28.....	12		
Ravalli County.....	Nov. 1-30.....	4		
Sanders County.....	Jan. 1-Feb. 28.....	10		
Silverbow County.....	Nov. 1-Feb. 28.....	14		
Butte.....	Mar. 16-23.....	30		
Yellowstone County.....	Nov. 1-30.....	1		
Billings.....	Jan. 1-31.....	1		
Total for State.....		180		
Nebraska:				
Arlington.....	Jan. 25.....	1		
Lincoln.....	Nov. 1-Feb. 28.....	15		
South Omaha.....	Dec. 20-Mar. 27.....	12		
Total for State.....		28		
New Hampshire:				
Hinsdale.....	Nov. 1-Dec. 15.....	6		
West Chesterfield.....	Nov. 1-Dec. 15.....	1		
West Lebanon.....	Jan. 15-Feb. 7.....	2		
Westmoreland.....	Nov. 1-Dec. 15.....	1		
Total for State.....		10		
New Jersey:				
Camden.....	Feb. 21-Apr. 3.....	6		
New Brunswick.....	Mar. 7-27.....	4		
Plainfield.....	Mar. 7-20.....	3		
Perth Amboy.....	Mar. 4-31.....	26		
Total for State.....		39		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
New York, general.....	Nov. 1-Dec. 31.....	75	1	Year 1908.
Buffalo.....	Feb. 14-Mar. 20.....	4		
Mohawk Valley.....	.....		1
New York.....	Feb. 21-Mar. 13.....	2	1	
Niagara Falls.....	Feb. 7-13.....	1		
Rome.....	Jan. 1-31.....	1		
Schenectady.....	Feb. 7-13.....	1		
Syracuse.....	Jan. 9-31.....	3		
Total for State.....	87	3	
North Carolina:				
Ashe County.....	Jan. 1-31.....	7		Imported.
Bertie County.....	Nov. 1-30.....	1		
Camden County.....	Jan. 1-31.....	30		
Catawba County.....	Nov. 1-Dec. 31.....	4		
Currituck County.....	Nov. 1-Jan. 31.....	34		
Duplin County.....	Dec. 1-Jan. 31.....	60		
Edgecombe County.....	Dec. 1-31.....	1		
Johnston County.....	Nov. 1-Jan. 31.....	13		
Jones County.....	Jan. 1-31.....	3		
Lenoir County.....	Dec. 1-31.....	20		
Lincoln County.....	Dec. 1-31.....	1		
Madison County.....	Jan. 1-31.....	2		
Nash County.....	Jan. 1-31.....	1		
New Hanover County— Wilmington.....	Jan. 22-Mar. 1.....	4		
Pasquotank County.....	Nov. 1-Jan. 31.....	79		
Pitt County.....	Jan. 1-31.....	2		
Sampson County.....	Jan. 1-31.....	22		
Scotland County.....	Jan. 1-31.....	6		
Wayne County.....	Jan. 1-31.....	20		
Total for State.....	310		
North Dakota.....	July 1-Feb. 19.....	168		
Ohio, general.....	June 14-Jan. 2.....	337		Revised. 3 cases additional in Sept. and Oct. Year 1908.
Cincinnati.....	Dec. 12-Apr. 2.....	190	1	
Cleveland.....	Feb. 28-Apr. 2.....	4		
Columbus.....	Dec. 26-Mar. 2.....	14		
Dayton.....	Jan. 24-Feb. 20.....	5		
Newark.....	.....	3	
Tiffin.....	Jan. 3-23.....	2		
Total for State.....	.....	555	1
Oregon:				
Clackamas County.....	Sept. 1-30.....	1		
Harney County.....	Sept. 1-30.....	1		
Jackson County.....	Oct. 1-Dec. 31.....	9		
Lane County.....	Dec. 1-31.....	10		
Linn County.....	Sept. 1-Oct. 31.....	5		
Marion County.....	Sept. 1-Dec. 31.....	4		
Multnomah County.....	Dec. 1-31.....	5		
Portland.....	Nov. 1-Jan. 31.....	76		
Polk County.....	Sept. 1-Dec. 31.....	9		
Tillamook County.....	Oct. 1-31.....	1		
Umatilla County.....	Sept. 1-Dec. 31.....	6		
Wallowa County.....	Oct. 1-31.....	1		
Washington County.....	Oct. 1-Dec. 31.....	23		
Yamhill County.....	Sept. 1-Dec. 31.....	17		
Total for State.....	.....	168	
Pennsylvania:				
Gracedale.....	Oct. 24.....	1		Present.
Harrisburg.....	Dec. 18-Jan. 20.....	3		
New Castle.....	Feb. 1-28.....	2		
New Kingstown.....	Dec. 29.....			
Philadelphia.....	Dec. 19-25.....	1		
Pittsburg.....	Dec. 13-19.....	1		
Pompton.....	Jan. 2-Feb. 10.....	3		Imported.
Total for State.....	.....	11	
South Carolina:				
Winnsboro.....	Feb. 1-28.....	5		
Total for State.....	5		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
South Dakota:				
Aberdeen.....	May 1-Jan. 31....	43		
Total for State.....		43		
Tennessee:				
Fayette County.....	Dec. 1-Mar. 28.....	200		Including Greenville.
Greene County.....	Jan. 2.....	103		
Knoxville.....	Dec. 28-Mar. 20.....	18		
Memphis.....	Jan. 1-Mar. 13.....	190	1	
Murfreesboro.....	Mar. 15-31.....	1		
Nashville.....	Dec. 20-Mar. 27.....	42		
Polk County.....	Jan. 22.....	30		
Total for State.....		584	1	
Texas:				
Cost.....	Oct. 1-Dec. 19.....			Present.
Cotulla.....	Jan. 25-Feb. 17.....			Do.
Denton County.....	Jan. 1-Feb. 8.....	9		Including Justin and Roanoke.
El Paso.....	Feb. 10-Mar. 16.....	8	1	
Falfurrias.....	Dec. 26.....	12		
Fort Worth.....		256		Year 1908.
Do.....	Feb. 1-28.....	3		
Galveston.....	Mar. 6-26.....	2		
Goliad County.....	Dec. 1-Jan. 20.....	25		
Houston.....	Jan. 1-Mar. 27.....	9		
Laredo.....	Dec. 26-Mar. 19.....	6		
Monthalia.....	Oct. 1-Dec. 19.....			Present.
Oak Forest.....	Oct. 1-Dec. 19.....			Do.
San Antonio.....	Dec. 13-Mar. 27.....	78		
San Augustine County.....	Jan. 5.....			Do.
Total for State.....		408	1	
Utah:				
Beaver County.....	Feb. 1-28.....	2		
Carbon County.....	Feb. 1-28.....	1		
Cache County.....	Jan. 1-Feb. 28.....	62		
Davis County.....	Nov. 1-Feb. 28.....	32		
Emery County.....	Feb. 1-28.....	4		
Garfield County.....	Dec. 1-Feb. 28.....	26		
Millard County.....	Jan. 1-31.....	1		
Salt Lake County.....	Dec. 1-Feb. 28.....	162		
Salt Lake City.....	Dec. 1-Feb. 28.....	272	1	
Sanpete County.....	Dec. 1-31.....	1		
Sevier County.....	Jan. 1-Feb. 28.....	76		
Summit County.....	Dec. 1-Feb. 28.....	32		
Utah County.....	Dec. 1-31.....	1		
Weber County.....	Nov. 1-Feb. 28.....	6		
Total for State.....		678	1	
Vermont:				
Brattleboro.....	Dec. 5-Jan. 30.....	59		
Newfane.....	Jan. 11.....	8		And vicinity.
West Windsor township.....	Jan. 23.....	2		
White River Junction.....	Jan. 4-Feb. 9.....	3		
Total for State.....		72		
Virginia:				
Caroline County.....	Mar. 9.....	1		Present in October, 1908. Imported. On tug E. W. Marts.
Lynchburg.....	Jan. 10-30.....	3		
Norfolk.....	Feb. 5-17.....	3		
Port Royal.....	Dec. 28-Jan. 14.....	3		
Richmond.....	Mar. 14-20.....	1		
Total for State.....		11		
Washington:				
Bellingham.....	Jan. 25-Mar. 23.....	10		
Camas.....	Dec. 29-Mar. 8.....	18		
Seattle.....	Oct. 1-Feb. 28.....	18		
Spokane.....	Dec. 6-Mar. 20.....	12	1	
Tacoma.....	Dec. 14-Mar. 14.....	60		
Total for State.....		118	1	
West Virginia:				
Charleston.....	Jan. 1-31.....	1		Present in January.
Moundsville.....				
Weston.....	Jan. 15-Feb. 13.....	1		
Total for State.....		2		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Wisconsin:				
Adams County.....	July 1-Sept. 30.....	3		
Barron County.....	July 1-Sept. 30.....	1		
Chippewa County.....	July 1-Sept. 30.....	6		
Dane County.....	July 1-Sept. 30.....	1		
Dodge County.....	July 1-Sept. 30.....	1		
Douglas County.....	July 1-Sept. 30.....	28		
Dunn County.....	July 1-Sept. 30.....	1		
Fond du Lac County.....	July 1-Sept. 30.....	3		
Green County.....	July 1-Sept. 30.....	2		
Iron County.....	July 1-Sept. 30.....	2		
Kewaunee County.....	July 1-Sept. 30.....	1		
La Crosse County— La Crosse.....	Dec. 13-Mar. 27.....	40		
Milwaukee County— City of Milwaukee.....	Dec. 6-Mar. 13.....	134		
Manitowoc County— Manitowoc.....	Dec. 13-Feb. 27.....	14		
Marathon County.....	July 1-Sept. 30.....	2		
Monroe County.....	July 1-Sept. 30.....	12		
Outagamie County— Appleton.....	Mar. 6-20.....	2		
Ozaukee County.....	July 1-Sept. 30.....	3		
Pierce County.....	July 1-Sept. 30.....	4		
Polk County.....	July 1-Sept. 30.....	1		
Racine County— Racine.....	Mar. 21-27.....	5		
Rusk County.....	July 1-Sept. 30.....	3		
Sheboygan County.....	July 1-Sept. 30.....	32		
Total for State.....		301		
Grand total for the United States.....		7,415	25	

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

[For smallpox, see special table.]

Cities.	Week ended—	Popula- tion, United States census, 1900.	Total deaths from all causes.	Cases and deaths.												
				Tuber- culosis.		Enteric fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.		
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	
Altoona, Pa.....	Mar. 13	38,973	21	3	1			4		4	1					
Do.....	Mar. 27	38,973	18					4		1						
Ann Arbor, Mich.....	Mar. 20	14,509	2									2			3	
Ashtabula, Ohio.....	Mar. 27	12,949	6												1	1
Baltimore, Md.....	do.	508,957	235	27	44	5	1	10	1	12	2	121	2	2	2	1
Bath, Me.....	Mar. 20	10,477						2		3						
Do.....	Mar. 27	10,477						1		3						
Bayonne, N. J.....	do.	32,722				1					2		16			
Beaver Falls, Pa.....	do.	13,000	4	2	2	2										
Berkeley, Cal.....	Mar. 20	13,214	9		1			4					8		1	
Biddeford, Me.....	Mar. 27	16,145	3													
Biloxi, Miss.....	do.	5,467	3	1		2										
Binghamton, N. Y.....	do.	38,647	9		1											
Boston, Mass.....	do.	560,892	248	81	25	6		49	2	77	11	90	5	8	8	2
Braddock, Pa.....	do.	15,654	10							4	1					
Bradford, Pa.....	do.	15,029	6					2		1	1					
Bristol, R. I.....	do.	6,628	3													
Brockton, Mass.....	do.	40,063	19	3	3	1		2		1		119	2	3	6	
Butte, Mont.....	Mar. 23	30,470	12	1	5			14		4						
Cambridge, Mass.....	Mar. 27	91,886		3	7			7		4		10		2	1	
Camden, N. J.....	do.	75,935	34	1				10		9		1				
Camden, S. C.....	do.	2,441	2		1											
Carbondale, Pa.....	do.	13,536	6					1								
Charlotte, N. C.....	Mar. 26	18,091	10	2	2							8				
Chelsea, Mass.....	Mar. 27	34,072	9	3	1			2								
Chicago, Ill.....	do.	1,698,575	722	73	101	43	7	139	8	125	21	135	3	12	1	

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

Cities.	Week ended—	Population, United States census, 1900.	Total deaths from all causes.	Cases and deaths.													
				Tuber- culosis.		Enteric fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.			
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.		
Chicopee, Mass.	Mar. 27	19,167	8	1				1									
Cleveland, Ohio.	Mar. 26	381,768	160	38	17	9	1	7	1	19		34		31		2	
Clinton, Mass.	Mar. 27	13,667	4	1	1					1		1		1		1	
Columbus, Ga.	do.	17,614	4	1	1												
Columbus, Ohio.	do.	125,560	64	5	9	3		7		3			1	1			
Concord, N. H.	Mar. 20	19,632	15	2	2		1	2		4	1	45					
Do.	Mar. 27	19,632	10	1	1					2		23					
Covington, Ky.	do.	42,938	17		3			1		1							
Danville, Ill.	Mar. 28	16,534	8					7		1							
Davenport, Iowa.	Mar. 27	35,254		1	1			1		2		2		1			
Dayton, Ohio.	do.	85,333	35		2					2		1	10			1	
Detroit, Mich.	do.	285,704	159							17							
Duluth, Minn.	Mar. 25	80,000	30	4	4			15		6						1	1
Dunkirk, N. Y.	Mar. 27	11,616	4					4									
Elmira, N. Y.	do.	35,672	15					2									
El Paso, Tex.	Mar. 23	15,905	24	1	9	2		1				4					
Do.	Mar. 30	15,905	23	1	3	1		5				6		1			
Elkhart, Ind.	Mar. 27	15,184	7	1	1							2					
Evansville, Ind.	do.	59,007	16	1		2				1							
Everett, Mass.	do.	24,336	7														
Fall River, Mass.	do.	104,863	43	1	1	1		8		1	4	7					
Findlay, Ohio.	Mar. 27	17,613	3							1							
Do.	Mar. 20	17,613	4							1							
Galesburg, Ill.	do.	18,607	4														
Galveston, Tex.	Mar. 26	37,789	9	3	3	6				2							
Glens Falls, N. Y.	Mar. 27	13,543	4									17					
Gloucester, Mass.	do.	26,121	8		1												
Grand Rapids, Mich.	do.	87,565	32	3	4	5		23				3		7			
Great Falls, Mont.	do.	14,930	5					13	2	1							
Greensboro, N. C.	do.	10,035	2							1							
Greenville, S. C.	Mar. 6	11,860	2					1									
Do.	Mar. 13	11,860	3					2					1				
Do.	Mar. 27	11,860	3					1									
Harrison, N. J.	do.	10,596	6	1	2			2		1							
Hartford, Conn.	Mar. 21	79,850	26		5	1		1	1	10	1	1					
Do.	Mar. 28	79,850	29	4	3	2		1	1	1				1			
Hoboken, N. J.	Mar. 27	59,364				1		3	1	2		2					
Houston, Tex.	do.	44,633	28		5					1							
Hyde Park, Mass.	do.	13,244		1		1						3	1				
Indianapolis, Ind.	Mar. 28	169,164	68	2	9	2	1	2		4		50	1				1
Jacksonville, Fla.	Mar. 27	28,429	25		5	3		1									
Jacksonville, Ill.	Mar. 5	15,078	7														
Do.	Mar. 12	15,078	9							1							
Do.	Mar. 19	15,078	2							1							
Do.	Mar. 26	15,078	8														
Johnstown, Pa.	Mar. 27	35,936	20		4			17		3		1					
Kansas City, Kans.	do.	51,418	27	1	5	4	2	4	2	2		21					
Kansas City, Mo.	do.	163,752	50	3	5	5	1	5	1	7	1	16					
Kearney, N. J.	do.	10,896	7	1	2												
Kingston, N. Y.	do.	24,535	15							1	1						
Knoxville, Tenn.	do.	32,637	11	1	1	1						4					
La Crosse, Wis.	do.	28,895			1					2							
Lafayette, Ind.	Mar. 29	18,116	4		1		1					4					
Lancaster, Pa.	Mar. 27	41,459	12		1			1		2		3					
Lawrence, Mass.	do.	62,559	25		2					7	1	15	2				
Lebanon, Pa.	do.	17,628	6	1	2			1		1				1	7		
Lexington, Ky.	do.	26,369	13		2					1							
Little Falls, N. Y.	Mar. 20	10,381	6														
Do.	Mar. 27	10,381	3														
Los Angeles, Cal.	Mar. 20	102,479	78	9	9	4	3	22		1	1	4	1				
Lowell, Mass.	Mar. 27	94,469	41	4	2					1	1	1					
Lynn, Mass.	do.	68,513	20		1			6		2		10					
Macon, Ga.	do.	22,746		2		1	1							3			
Manchester, N. H.	do.	56,987	30					3		8				1	1		1
Manitowoc, Wis.	do.	11,786	2														
Mansfield, Ohio.	do.	17,650						1				1			1		
Marinette, Wis.	do.	16,195	4					1									
Marlboro, Mass.	do.	13,609	8					1				3					
Massillon, Ohio.	do.	11,944	3		1												
Medford, Mass.	do.	18,244	6							1							
Melroe, Mass.	do.	12,962	4													5	
Memphis, Tenn.	Feb. 27	102,320						7		2							

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

Cities.	Week ended—	Population, United States census, 1900.	Total deaths from all causes.	Cases and deaths.													
				Tuber- culosis.		Enteric fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.			
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.		
Memphis, Tenn.	Mar. 27	102,320	46							4							
Do.	Mar. 20	102,320						4		5							
Mobile, Ala.	Mar. 20	38,469	16		4							5					
Do.	Mar. 28	38,469	18		6			1									
Montclair, N. J.	Mar. 27	13,962			1					1				13			
Montgomery, Ala.	Mar. 26	30,346	14		3					3							
Moline, Ill.	Mar. 28	17,248	3		1					3				20			
Morristown, N. J.	Mar. 27	13,000	7							3							
Mount Vernon, N. Y.	Mar. 13	21,228	11	2	2							1		17			
Muncie, Ind.	Mar. 27	20,942	11											2			
Nanticoke, Pa.	Mar. 28	12,616	4			1						1		20			
Nashville, Tenn.	Mar. 27	80,865	38	4	3	1						2					
Nebraska City, Nebr.	do.	7,200	1									1					
Newark, N. J.	do.	246,070	113		14	3	2	58	1	14							1
New Brunswick, N. J.	do.	20,006						1		1							
Newburyport, Mass.	do.	17,548		4													
New London, Conn.	do.		11					2									
New Orleans, La.	do.	278,104	104	18	18	14		117	2	6	1						
Newton, Mass.	do.	33,587	10	1				2		4				13			
New York, N. Y.	do.	3,497,202	1,619	527	199	20	5	415	17	354	41	913	1	27	63		10
Niagara Falls, N. Y.	do.	19,457	10	3		7	1	3									
Norristown, Pa.	do.	22,265	12	9		1	2	1						22			2
North Adams, Mass.	do.	24,200	8														
Northampton, Mass.	do.	18,643	3	1						1				10			
Oakland, Cal.	Mar. 21	66,960	34	2	2	1		6		1				9			
Do.	Mar. 28	66,960	24	2	5	3		3		3				19			
Orange, N. J.	Mar. 27	24,141	4		1					1							
Ottumwa, Iowa	do.	18,197	3			2											
Paducah, Ky.	Mar. 21	19,446	4	6						2	1						
Do.	Mar. 27	19,446	11	6	5	1	1			1							
Passaic, N. J. ^a	Feb. 20	27,777	14	1				2				12				2	
Do.	Mar. 6	27,777	17	1	2					1		7				3	
Do.	Mar. 27	27,777	14					1		2		5					
Peekskill, N. Y.	do.	10,358	5	1													
Philadelphia, Pa.	Mar. 20	1,293,697	545	147	97	47	4	79	1	74	13	224	9	27			3
Do.	Mar. 27	1,293,697	571	189	83	45	4	72	3	94	16	188	14	27			2
Pittsburg, Pa.	do.	321,616	140	36	14	12	3	30	2	13	1	28		13			26
Pittsfield, Mass.	do.	21,766	9	3	2	1		3									
Plainfield, N. J.	do.	15,369	4	2	2					1							
Plymouth, Pa.	do.	13,649								4		2					
Port Huron, Mich.	do.	19,158	3														
Portland Me.	Mar. 13	50,145	16	1	3			2	1								
Do.	Mar. 20	50,145	24	1	2					2						5	
Portsmouth, N. H.	Mar. 27	10,637			1					1							
Portsmouth, Va.	Mar. 30	17,427	10					3		1	1						
Pottstown, Pa.	Mar. 27	13,696	6			1	1										
Providence, R. I.	do.	175,597	66	2	5	3		7		5	1	2					
Racine, Wis.	do.	29,102	11		1			2									
Reading, Pa.	Mar. 29	78,961	31	2	2	3		5		1						7	
Richmond, Va.	Mar. 27	85,050	54	7	4	5	1			2						1	
Rock Island, Ill.	do.	19,493	6					1				3	2				
Rutland, Vt.	Mar. 20	11,499	8					1									
Do.	Mar. 27	11,499	9							1		1					
Saginaw, Mich.	Mar. 20	42,345	15					3		2		3					
Do.	Mar. 27	42,345	18			1		1				2					
St. Joseph, Mo.	Mar. 13	102,979	30	6	5			2				1					1
Do.	Mar. 20	102,979	31		4			1									
St. Louis, Mo.	Mar. 27	575,238	236	51	24	4	1	37	4	33	7	321	4	3			1
San Antonio, Tex.	do.	53,321				5		1		2							
San Francisco, Cal.	Mar. 20	342,782	143	33	21	4	2	14		15	2	87	2	16			
San Jose, Cal.	do.	21,500	8		1												
Schenectady, N. Y.	Mar. 27	31,682	13	6	2			4	1	1							
Shamokin, Pa.	do.	18,202	5	2						1			32	2			
Somerville, Mass.	do.	61,643	20	1	2			6	1	2		1					
South Bend, Ind.	do.	35,999	21	1	1							2					
So. Bethlehem, Pa.	do.	13,241	6	2				1				7					
Do.	Apr. 1	13,241	10			4						12	1	2			
South Omaha, Nebr.	Mar. 27	26,001						3									
Spokane, Wash.	Mar. 20	38,848	27		2			16	3	5		32	1				
Springfield, Ill.	Mar. 26	34,159	20					1		3							

^a Reported out of date.^b Reports cover three days.

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

Cities.	Week ended—	Popu- lation, United States census, 1900.	Total deaths from all causes.	Cases and deaths.											
				Tuber- culosis.		Enteric fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Springfield, Mass....	Mar. 27	62,059	18	2	2	.....	.....	4	.....	4	.....	5	.....	.....	.....
Springfield, Ohio....	do.....	38,253	8	1	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Steelton, Pa.....	do.....	12,068	2	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....
Superior, Wis.....	do.....	31,091	7	.....	.....	.....	.....	10	.....	3	.....	.....	.....	.....	.....
Taunton, Mass.....	do.....	31,036	16	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Terre Haute, Ind....	do.....	36,673	21	.....	3	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Titusville, Pa.....	do.....	8,244	1	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....
Trenton, N. J.....	do.....	73,307	.....	7	5	6	1	3	.....	2	.....	.....	.....	.....	.....
Walla Walla, Wash....	do.....	10,049	3	.....	.....	3	.....	.....	.....	.....	.....	5	.....	.....	.....
Waltham, Mass.....	do.....	23,481	13	.....	1	.....	.....	5	1	3	.....	23	.....	1	.....
Washington, D. C....	do.....	278,718	131	33	12	8	.....	8	.....	5	.....	289	2	10	1
Weymouth, Mass....	do.....	11,324	6	.....	1	.....	.....	.....	.....	1	1	.....	.....	.....	.....
Wheeling, W. Va....	do.....	38,378	15	1	1	4	1	.....	.....	.....	.....	1	1	.....	.....
Wilkes Barre, Pa....	Mar. 26	51,721	23	2	2	.....	.....	2	.....	4	.....	58	.....	5	.....
Williamsburg, Pa....	Mar. 28	13,000	6	2	.....	2	.....	3	.....	.....	.....	4	.....	.....	.....
Williamsport, Pa....	Mar. 27	28,757	5	.....	.....	1	.....	.....	.....	.....	.....	2	.....	.....	.....
Wilmington, Del....	do.....	76,508	32	.....	7	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Winona, Minn.....	Mar. 30	19,714	5	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Woburn, Mass.....	Mar. 27	14,254	3	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Worcester, Mass....	Mar. 20	118,421	47	8	3	.....	.....	3	1	4	1	8	.....	.....	.....
Do.....	Mar. 27	118,421	38	9	9	.....	.....	3	.....	9	.....	7	.....	.....	.....
Yonkers, N. Y.....	Mar. 4	47,931	23	3	5	.....	.....	7	1	3	.....	27	.....	1	.....
Do.....	Mar. 11	47,931	22	8	2	.....	.....	13	.....	5	.....	28	.....	.....	.....
Do.....	Mar. 18	47,931	15	4	.....	.....	.....	9	.....	5	.....	28	.....	.....	.....
Do.....	Mar. 25	47,931	28	.....	4	.....	.....	9	.....	1	.....	21	.....	.....	.....
York, Pa.....	Mar. 27	33,708	.....	16	.....	1	.....	3	.....	.....	.....	3	.....	.....	.....
Zanesville, Ohio....	do.....	23,538	15	6	2	5	.....	.....	.....	5	6	.....	.....	.....	.....

FOREIGN AND INSULAR.

BARBADOS.

Reports from Bridgetown.—Inspection of vessels—Status of yellow fever—Measures for mosquito destruction—Statement of yellow fever conditions.

Acting Assistant Surgeon Urquhart reports, March 13 and 20:

Week ended March 13: Bills of health issued to 6 vessels, having a total number of 5 passengers and 194 members of crews. One vessel was fumigated. The sanitary condition of the above vessels, cargoes, crews, and passengers was good. Yellow fever is still present in this port. Three new cases of fever were reported during the week, with 2 deaths, 1 of the fatal cases being in this port. The other 2 cases were in the interior. In company with Sir Rubert Boyce, of the Liverpool School of Tropical Medicine, I visited 54 houses this morning and witnessed the application of measures of mosquito destruction against the *Stegomyia calopus*, a number of which were found, and the general cleaning of the various premises. The method is practically the same as that practiced in New Orleans in 1905. All barrels, tin vessels, bottles, and vessels of all descriptions capable of affording a breeding place for the *Stegomyia calopus* were emptied or confiscated.

Week ended March 20: Bills of health issued to 9 vessels carrying a total number of 80 passengers and 443 members of crews. The sanitary condition of the vessels, cargoes, crews, and passengers was good. One steamship was fumigated.

Four new cases, with one death, of yellow fever were reported during the week. The fatal case was in the interior; and 1 case, not fatal, in this port. All proper measures are being taken by the authorities to stamp out the epidemic.

Week ended March 27: Bills of health issued to 3 vessels carrying a total number of 6 passengers and 107 members of crews.

Three new cases of yellow fever were reported during the week, all occurring beyond the limits of the port. No deaths were reported from yellow fever during the week.

[INCLOSURE.]

In a memorandum submitted by Sir Rubert Boyce to the consular corps the following statements are made relative to yellow fever in Barbados:

The present epidemic of yellow fever has been a small one. It has never assumed serious proportions, nor are the conditions in the island such as to favor the spread of an epidemic. The total number of cases reported to date is 60, and for the past two weeks the

number of cases reported is 7. At the present time the ability to overcome yellow fever is measured by the proportion of the *Stegomyia calopus* present in any given locality.

In 278 houses visited in Bridgetown the following receptacles containing water, or, in other words, potential breeding places for the *Stegomyia* were found: One hundred and twenty-one barrels, 78 tubs, 97 jars, 26 kerosene tins, and 143 buckets. Out of this total number the *Stegomyia* larvæ were present in only 41 premises.

Notices have been issued making it a penal offense to harbor the larvæ of the *Stegomyia*.

Several of the parishes have been visited, and the provision made in these parishes for dealing with an outbreak of yellow fever was found to be of the most recent kind. Temporary hospitals, thoroughly and efficiently screened, have been established under the direction of sanitary officers and the health board. Every step is being taken in conformity with the latest teaching in medical science to secure the stamping out of the present few cases of yellow fever, and the prevention of its recurrence in the future.

CHINA.

Reports from Shanghai—Inspection of vessels—Smallpox—Plague in rats—Precautions against infection of vessels by rats.

Acting Assistant Surgeon Ransom reports, February 25 and March 2:

Week ended February 20: Supplemental bills of health granted to 3 steamships, having an aggregate personnel of 650. There were inspected 2 vessels, 160 members of crews, and 1 steerage passenger, and manifests were viséed for 9,712 pieces of freight. Six pieces of freight were disinfected by steam, and 5 pieces of personal baggage were inspected and passed.

The steamship *Siberia*, Hongkong to San Francisco, lay in the stream at Woosung for 21 hours. She loaded from lighters during daylight only, and shore liberty was allowed to Europeans only. Inspection of the personnel from this port was held on board the tender at the hour of departure of the vessel.

The steamship *Iyo Maru*, Hongkong to Seattle, was scheduled to sail from Shanghai February 20, but owing to bad weather and lateness in arrival the vessel was delayed for 24 hours. She remained in port 24 hours, at buoy in the stream, and loaded from lighters during daylight only. Rat guards were provided for all lines to lighters. Liberty was granted to the captain and purser only. Inspection of the vessel and personnel was held on board at the hour of her departure.

The steamship *Suruga*, Yokohama to New York, remained in this port 4 days in the stream. She loaded from lighters during the entire 24 hours, and rat guards were provided for all lines to lighters and other craft alongside. Shore liberty was granted to the entire personnel. No disinfection was undertaken at this port, as the crew was to be changed at Hongkong. Inspection of the vessel and personnel was held on board at the hour of her departure.

The weekly report of the municipal health department shows among natives 1 death from smallpox.

Plague conditions among rats in the settlement continue unchanged, except that 7 new foci of infection have been discovered, 6 of these being in the vicinity of the wharves, in which section the infection has been from the outset most prevalent.

Reports from Hankau and Tientsin show no cases or deaths from quarantinable disease.

Week ended February 27. Supplemental bill of health was granted to 1 steamship having an aggregate personnel of 308. This vessel, the steamship *China*, remained in this port for eighteen hours, during which time she lay in the stream at Woosung. She was loaded from lighters during daylight only, and shore liberty was allowed to Europeans only. Inspection of the passengers from Shanghai was held on board the tender for the vessel immediately before her departure. One emigrant was examined and passed, and 3 pieces of personal baggage were inspected and passed. There were also inspected and passed 3 pieces of freight. Manifests were viséed for 797 pieces of freight.

Infected rats continue to be found in the various sections, more particularly in the Hongkew district.

CUBA.

Reports from Cienfuegos—Inspection of vessels—Leprosy.

Acting Assistant Surgeon Suarez reports, March 22 and 28:

Week ended March 20.

Vessels inspected.....	3
Bills of health issued.....	3
Members of crews inspected.....	89

The sanitary condition of the city and port continues to be satisfactory. No quarantinable diseases have been reported.

Week ended March 27.

Vessels inspected.....	6
Bills of health issued.....	6
Members of crews inspected.....	152

A new case of leprosy was reported by the board of health. No other quarantinable disease was reported, and the health conditions of the city and port continue satisfactory.

Report from Matanzas—Inspection of vessels.

Acting Assistant Surgeon Nuñez reports, March 29:

Week ended March 27. Bills of health granted to 3 vessels leaving for United States ports. No quarantinable diseases were reported.

Report from Santiago—Inspection of vessels.

Acting Assistant Surgeon Wilson reports, March 23:

Week ended March 20. Bills of health issued to 6 vessels bound for the United States and its dependencies.

No quarantinable disease reported.

ECUADOR.

Report from Guayaquil—Fumigation of vessels—Plague and yellow fever—Leprosy.

Passed Assistant Surgeon Wightman reports, March 18:
During the 3 weeks ended March 13, 4 steamships were fumigated.

Statistics from the lazarettoes.

	Yellow fever.		Plague.	
	New cases.	Deaths.	New cases.	Deaths.
Weeks ended—				
February 27	5	9	16	3
March 6	17	5	13	2
March 13	21	9	10	7

With the exception of leprosy, which is always present, no other quarantinable disease was reported in Guayaquil.

GERMAN EAST AFRICA.

Report from Dar-es-Salaam—Summary of plague—Examination of rats for plague infection.

Consul Garrels reports, February 25:

Two cases of plague, one of which was fatal, occurred October 10, 1908, at Dar-es-Salaam. The sanitary bureau directed the placing of rat poison in the infected area and advised householders to rid their premises of rats by means of traps and poisons. No plague was found among the rats examined. October 21 another plague death occurred in the infected district. The house was disinfected and closed. November 3 the city was declared free from plague under the terms of the Paris convention of December 3, 1903. November 24 a plague death occurred in the locality in which the first case occurred. Of 95 rats examined during the few days previous to this second outbreak, 3 were found to be plague infected. This case was followed by 3 cases occurring December 7, 10, and 17, respectively. The case reported December 7 occurred outside the area previously reported infected. Of these cases 2 were fatal. Between December 25 and 31 a plague case occurred; January 7, a fatal case was reported. Of 230 rats examined to December 19, 5 were found to be plague infected; between December 25 and 31, 1 per cent were found infected. The case reported January 7 occurred in the district first infected. January 14 the city was again declared free from plague. There has been no recurrence of plague to February 25.

GREAT BRITAIN.

Report from Bristol—Smallpox.

Vice-Consul Byington reports, March 15:
Smallpox has appeared in Bristol and vicinity. The disease has not assumed an epidemic form.

HAWAII.

Report from Honolulu—Examination of rats at Honolulu and Hilo for plague infection.

Passed Assistant Surgeon Currie, plague laboratory, reports, March 15, through Temporary Chief Quarantine Officer Moore:

HONOLULU.

Week ended March 13.

Total rats taken.....	732
Trapped.....	730
Found dead (1 mus rattus and 1 mus norvegicus).....	2
Examined bacteriologically.....	615
Plague infected.....	0
Classification of rats trapped:	
Mus alexandrinus.....	103
Mus musculus.....	311
Mus norvegicus.....	185
Mus rattus.....	133
Average number of traps set daily.....	1, 556
Number of poisons placed (barium carbonate).....	230
Rats from Hilo:	
Referred to this laboratory for bacteriological diagnosis.....	1
Still under investigation.....	3

HILO.

Week ended March 6.

Total rats taken.....	85
Trapped.....	76
Found dead.....	9
Examined by agent of board of health.....	80
Classification of rats:	
Mus alexandrinus.....	5
Mus musculus.....	6
Mus norvegicus.....	27
Mus rattus.....	47
Average number of traps set daily.....	1, 050

INDIA.

Report from Calcutta—Cholera, plague, and smallpox—Plague in India and Bengal.

Acting Assistant Surgeon Allan reports, March 4:

Week ended February 20: At Calcutta, 28 deaths from cholera, 26 from plague, and 146 from smallpox; in Bengal, 277 cases of plague with 238 deaths. In India during the week ended February 13, 1909, there were 3,803 cases of plague with 3,162 deaths.

ITALY.

Report from Naples—Inspection of vessels—Examination of emigrants—Smallpox in Naples—Status of smallpox in Italy.

Assistant Surgeon Wollenberg reports, March 15:

Week ended March 15—Vessels inspected at Naples and Palermo.

NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Mar. 7	Hamburg.....	New York.....	948	90	1,250
9	Sannio.....	do.....	1,905	80	2,150
9	Ancona.....	Philadelphia.....	2,169	150	2,280
10	Liguria.....	do.....	999	70	1,150
10	Canopic.....	Boston.....	1,064	80	1,580
11	Regina d'Italia.....	New York.....	1,084	70	1,250
11	Carpathia.....	do.....			
11	Calabria.....	do.....	445	25	680
13	Cedric.....	do.....	1,802	90	2,350
	Total.....		10,416	655	12,690

PALERMO.

Mar. 12	Regina d'Italia.....	New York.....	592	586	156
12	Calabria.....	do.....	513	580	158
	Total.....		1,105	1,166	314

Rejections recommended.

NAPLES.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Suspected favus.	Other causes.	Total.
Mar. 7	Hamburg.....	23	1	10		7	41
9	Sannio.....	57	3	13	1	14	88
9	Ancona.....	44	2	31		8	85
10	Liguria.....	17	4	10		7	38
10	Canopic.....	16	2	17	1	8	44
11	Regina d'Italia.....	22		11		3	36
11	Carpathia.....						
11	Calabria.....	10	1	6			17
13	Cedric.....	16	3	7		9	35
	Total.....	205	16	105	2	56	384

PALERMO.

Mar. 12	Regina d'Italia.....	28		30		3	61
12	Calabria.....	14		24		6	44
	Total.....	42		54		9	105

Smallpox in Naples.—Week ended March 13. Twenty-six cases of smallpox, with 6 deaths reported at the health office of the city of Naples.

‡ *Status of smallpox in Italy.*—Week ended March 14: Bertónico (Milan), 1 case; Furci (Chieti), 3; Milazzo (Messina), 1.

JAPAN.

Report from Yokohama—Inspection and fumigation of vessels—Smallpox on steamship Ghazee—Plague infected rats at Yokohama and Tokyo—Summary of transactions of service for the month of February, 1909.

Passed Assistant Surgeon Cumming reports, March 3:

During the 2 weeks ended February 27 there were inspected 14 vessels having an aggregate of 1,200 members of crews and 451 passengers.

The steamship *Ghazee*, from Yokohama, for New York, on her trip en route to this port, took on 1 man at Singapore. On arrival at Hongkong this man and 2 others were suffering from smallpox. The vessel was disinfected, but 12 days after disinfection secondary cases occurred and the vessel was disinfected at Moji. Several days later, 3 men were removed at Kobe on account of fever, and a telegram from Kobe informed the Japanese quarantine officials here that the men were found to have smallpox. The vessel was remanded to Nagahama and her crew were disembarked and bathed. Their effects were disinfected and the usual sprinkling with carbolic solution was performed in the forecabin. On the return trip the living apartments of the vessel were disinfected, unvaccinated members of the crew vaccinated, and the holds fumigated on account of rats.

Examination of rats in this city showed infected rats found last week and one found this week in the suburb of Yokohama known as Tobe machi, a low-lying suburb in which coolies who work on vessels discharging cargo, etc., live. This is the same locality in which rats were found last year.

Plague-infected rats have also been found in the Niho-bashi area of Tokyo, the very center of that great city, as well as in Fukugawa district across the river, and energetic action is reported as being taken by the authorities to eradicate plague infection.

During the month of February there were inspected at this station 147 intending steerage passengers for America or Hawaii, of whom 112 were passed, 98 certified upon manifest lists, 3 certified as suffering from trachoma, and 32 held for treatment and diagnosis.

Summary, February, 1909.—During the month of February 110 persons were bathed, of whom 12 were destined for Canada, and 273 pieces of baggage disinfected.

Examination of emigrants.

Number of emigrants, per steamship *China* March 6, held for observation: For San Francisco, 2; for Honolulu, 1.

Reports from Kobe—Inspection of vessels—Examination and disinfection of emigrants—Plague and smallpox—Spread of trachoma in Japan—Proposed measures against trachoma.

Acting Assistant Surgeon Knight reports, March 3 and 10:

During the week ended February 27, 9 supplemental bills of health were granted to 9 steamships and 1 original bill of health was granted to 1 schooner.

There were inspected 328 members of crews and 204 steerage passengers. Nine members of crew and 25 steerage passengers were bathed and disinfected. Their effects were disinfected by steam. The number of pieces of baggage steamed was 88 and of bedding 50. Manifests were viséed for 70,826 pieces of freight, amounting to 6,494 tons.

Emigrants were examined as follows: Steamship *Siberia* for Honolulu, passed 7, recommended for rejection 24; steamship *Siberia* for San Francisco, passed 2, recommended for rejection 2; steamship *Iyo Maru* for Seattle, passed 15, recommended for rejection 5.

The emigrants passed, together with 1 intending passenger to Victoria by the steamship *Iyo Maru*, were inspected, bathed, and disinfected before embarkation. Their effects were disinfected.

The official returns of infectious diseases for the week show 1 case of plague in Kobe.

It is reported that trachoma is rapidly increasing in Japan. The Hiogo assembly has made an appropriation to aid in stamping out the disease. It is proposed to treat 5,000 people in this prefecture during the next fiscal year. In localities where the disease is most prevalent houses will be visited by physicians, who will examine each inmate and those persons found suffering with the disease will be certified for treatment.

During the week ended March 6, 3 supplemental bills of health and 1 original bill of health were granted.

There were inspected 223 members of crews and 172 steerage passengers. Seventy-nine members of crew and 25 steerage passengers were bathed and disinfected. Their effects were disinfected by steam. The number of pieces of baggage steamed was 240 and of bedding 50. Manifests were viséed for 24,371 pieces of freight, amounting 1,889 tons.

Emigrants were examined as follows: Steamship *China* for Honolulu, passed 25, recommended for rejection 1.

The official returns of infectious diseases for the week show 1 case of plague with 1 death and 1 case of smallpox with 1 death in Kobe.

MEXICO.

Report from Coatzacoalcos—Inspection of vessels.

Acting Assistant Surgeon Thompson reports, March 25:

Week ended March 24. Two supplement bills of health and one original bill of health were issued to vessels sailing from this port for the United States during the last week.

No cases of any quarantinable disease have been reported.

Report from Tampico—Water supply—Sanitary work—Hospitals.

Consul Trippitt reports, March 17:

The sanitary condition of this port is excellent. The water used comes from the Tamesi River, several miles distant from the city, and the work of filling in the lower section of the city is being carried out on an enormous scale. A steel wharf has been erected.

The death rate is high in proportion to the population, but the chief causes of death are tuberculosis and pneumonia, and diseases of children under 2 years of age. The death rate among the foreign population is exceedingly small.

The national railroads of Mexico have a thoroughly appointed and equipped hospital at La Barra, a suburb of Tampico on the Gulf, for the use of railway employees, and there is also a public hospital at Tampico maintained by the city. A new and modern hospital is maintained by the city and state governments at Victoria, the capital of this State. The health conditions in that vicinity at present are excellent.

PERU.

Report from Callao—Inspection and fumigation of vessels—Plague at Callao—Status of plague in Peru—Plague in Chile.

Acting Assistant Surgeon Gutierrez reports, March 7 and 14:

Week ended March 6. Bills of health were issued to 3 vessels, with an aggregate personnel of 176 in the crews and with 89 cabin and 32 steerage passengers. Two of the vessels were fumigated.

The following is the latest report on plague in Peru received from the Director de Salubridad Pública:

Locality.	Cases February 19.	New.	Recov-ered.	Died.	Remain- ing Feb- ruary 25.
Department of Lima	12	8	3	1	16
Department of Callao	7	1			8
Department of Libertad	41	12	8	5	40
Department of Arequipa	2	3		1	4
Department of Piura	5			1	4
Department of Cajamarca	4	3	*2	(*)	*3
Department of Lambayeque	16	6	1	4	17

The figures with the sign (*) have been misswired.

No cases of smallpox have been reported at Lima or Callao. Since report of March 1, one case of plague has been reported at Callao.

Bills of health report plague in Chile as follows: Iquique, February 22, 19 cases in the lazaretto; 8 cases and 3 deaths in 2 weeks.

Week ended March 13. Two steamships, having an aggregate personnel of 167 members in the crew and 112 cabin and 51 steerage passengers, were fumigated.

The following is the latest report on plague in Peru received from the Director de Salubridad Pública:

Locality.	Cases Febru- ary 26.	New.	Recov- ered.	Died.	Remain- ing March 4.
Department of Lima	16	5	5	2	14
Department of Callao	8	1	3		6
Department of Libertad	40	10	11	3	36
Department of Lambayeque	17	*1	2	1	*16
Department of Arequipa	4		1		3
Department of Piura	4	2	(*)	*1	*2
Department of Cajamarca	3	13		5	11

The figures with the sign (*) have been misswired. One case of plague has been reported in Callao since report of March 7.

Bills of health report plague in Chile as follows: Antofagasta, February 28, 15 cases of plague isolated; Iquique, March 8, 13 cases of plague isolated in the lazaretto; 7 cases and 6 deaths in 2 weeks; Arica, March 9, a few cases of plague.

PHILIPPINE ISLANDS.

Reports from Manila—Smallpox—Status of cholera in the provinces—Cholera infection in the province of Capiz—Inspection of vessels—Quarantine transactions, month of January, 1909.

Chief Quarantine Officer Heiser reports, February 16 and 23:

Week ended February 13: One case of smallpox with one death was reported for the city of Manila.

The following is a list of the provincial cholera cases and deaths reported to the bureau of health during the week:

Province.	Cases.	Deaths.	Province.	Cases.	Deaths.
Rizal.....	1		Laguna.....	17	12
Bohol.....	15	12	Sorsogon.....	12	10
Capiz.....	75	49			
Pampanga.....	6	3	Total.....	126	86

Of the 126 cases and 86 deaths from cholera reported from the provinces, the larger number occurred in the province of Capiz, which is situated on the north coast of the island of Panay. It is believed that a true endemic focus of the disease exists at Capiz, and that it is from this focus that the islands of Samar, Leyte, Mindanao, Negros, and Bohol are directly or indirectly infected. The disease is known to have been present in Capiz for at least three years, though the center of the infection has not been definitely determined. A physician with a corps of sanitary inspectors has been sent there for the purpose of making a fuller study of this question.

From time to time a few mild outbreaks are being reported in the provinces in the vicinity of Manila. These outbreaks have yielded readily to the sanitary measures which have been applied, and there has been no marked tendency of the disease to assume an epidemic character. There have been no new cases of cholera in the city of Manila during the current year.

During the week consular bills of health were issued at the port of Manila as follows:

February 9, the British steamship *Kenley*, with 57 in the crew, en route from Cebu to Boston and New York, was granted a supplemental bill of health after the usual inspection of personnel and cargo. February 9, the British steamship *Suveric*, with 70 in the crew, was granted a bill of health for Tacoma via Hongkong and Japanese ports. The cargo and personnel were inspected and passed. February 10, the British steamship *Trafalgar*, with 31 in the crew, was granted a bill of health for New York. The vessel was fumigated throughout while in port. The cargo was inspected and certified. The crew was inspected on board at the hour of sailing. February 10, the British steamship *Loongsang*, with 62 in the crew, en route from Hongkong to Iloilo, was granted a supplemental bill of health. February 12, the British steamship *Indrapura*, hemp laden, was granted a bill of health for New York via Cebu and Manila, after the usual inspection of cargo and personnel.

Week ended February 20: Six cases of smallpox reported for the city of Manila.

The following is a list of the provincial cholera cases and deaths reported to the bureau of health during the week:

Province.	Cases.	Deaths.	Province.	Cases.	Deaths.
Bohol.....	59	32	Samar.....	5	2
Capiz.....	40	31	Sorsogon.....	20	9
Cavite.....	5	3	Nueva Ecija.....	1	1
Pampanga.....	2	2			
Laguna.....	13	12	Total.....	145	92

Consular bills of health issued at the port of Manila: February 15 the United States Army Transport *Thomas*, with 177 crew and 515 passengers, granted a bill of health for San Francisco via Nagasaki and Honolulu. Crew and steerage passengers bathed and their effects and baggage disinfected. Cargo and baggage inspected and either disinfected or passed and so certified. Vessel partially disinfected at the Mariveles quarantine station. All persons on board inspected at the hour of sailing. February 19 the British steamship *Oanfa*, with 91 crew, en route from Glasgow to Seattle and Tacoma, granted a supplemental bill of health after the usual inspection of cargo and personnel. February 20 the American schooner *W. H. Talbot*, with 11 crew, granted a bill of health for Port Townsend. Crew inspected on board at the hour of sailing.

Quarantine transactions of the service in the Philippine Islands during the month of January, 1909:

MANILA.

Bills of health issued.....	247
Vessels inspected.....	73
Passengers on arriving vessels inspected.....	2,706
Persons vaccinated.....	37
Members of crews on arriving steamships inspected.....	3,908
On arriving sailing vessels inspected.....	118
Persons bathed and effects disinfected.....	427
Steamships partially disinfected.....	2
Steamships fumigated to exterminate vermin.....	4
Sailing vessel fumigated to exterminate vermin.....	1
Pieces of baggage disinfected.....	569
Pieces of baggage inspected and passed.....	97
Steamships sailing without quarantine inspected and passed.....	9
Steamship disinfected.....	1
Members of crews on vessels inspected.....	597
Passengers on vessels inspected.....	487
Members of crews bathed and effects disinfected.....	138
Passengers bathed and effects disinfected.....	349
Pieces of baggage disinfected.....	1,423
Pieces of baggage inspected and passed.....	2,114
Pieces of miscellaneous cargo certified.....	25,138

ILOILO.

Bills of health issued.....	8
Vessels inspected.....	15
Passengers on arriving vessels inspected.....	315
Members of crews on arriving steamships inspected.....	764
Persons vaccinated.....	18

CEBU.

Bills of health issued.....	10
Vessels inspected.....	381
Passengers on arriving vessels inspected.....	1,764

Members of crews on arriving steamships inspected.....	3, 712
Members of crews on arriving sailing vessels inspected.....	1, 756
Persons bathed and effects disinfected.....	15
Persons detained in quarantine.....	290
Vessels disinfected.....	2
Steamships fumigated to exterminate vermin.....	3
Sailing vessels fumigated to exterminate vermin.....	6
Vessels entering quarantine.....	2
Cases of quarantinable diseases detected on vessels, cholera.....	2
Pieces of baggage disinfected.....	23

CAVITE.

Bill of health issued.....	1
Vessel inspected.....	1
Members of crews on arriving steamships inspected.....	781

OLONGAPO.

No transactions.

DAVAO.

No transactions.

ZAMBOANGA.

Vessels inspected.....	4
Passengers on arriving vessels inspected.....	108
Members of crews on arriving steamships inspected.....	223

JOLO.

Vessels inspected.....	3
Passengers on arriving vessels inspected.....	26
Members of crews on arriving steamships inspected.....	128

RUSSIA.

Report from Libau—Status of cholera in Russia—Cholera bacilli found in water supply at Kronstadt—Examination of emigrants.

Acting Assistant Surgeon De Forrest reports, March 19:

Reports from St. Petersburg for March 12 to 19, inclusive, show 41 cases of cholera, with 7 deaths. To March 15, from the outbreak of the epidemic, there have been reported 10,230 cases—3,993 deaths and 6,106 recoveries.

At other localities in Russia cholera is reported as follows:

Jaroslav, March 13, 7 new cases; Rybinsk, March 13, 7 new cases. Examination of water at Kronstadt, March 18, showed the presence of cholera bacilli.

During the week 1,161 emigrants sailing by the steamship *Russia* were examined.

FOREIGN AND INSULAR STATISTICAL REPORTS OF COUNTRIES AND CITIES—UNTABULATED.

AFRICA—*Lourenço Marquez*.—Month of January, 1909. Estimated population, 10,000. Total number of deaths 41, including smallpox 1, and 8 from tuberculosis.

EGYPT—*Alexandria*.—Month of February, 1909. Estimated population, 420,000. Total number of deaths not reported. Deaths from contagious diseases reported were: Smallpox 9, enteric fever 7, scarlet fever 2, diphtheria 7, measles 31, and 69 from tuberculosis.

GERMANY—*Bavaria—Munich.*—Month of January, 1909. Estimated population 566,000. Total number of deaths 791, including enteric fever 1, scarlet fever 9, diphtheria 16, measles 12, whooping cough 13, and 111 from tuberculosis.

GREAT BRITAIN—*England and Wales.*—The deaths registered in 76 great towns in England and Wales during the week ended March 13, 1909, correspond to an annual rate of 22.1 per 1,000 population, which is estimated at 16,445,281.

London.—Two thousand two hundred and twenty-one deaths were registered during the week, including measles 105, scarlet fever 9, diphtheria 22, enteric fever 4, whooping cough 35, tuberculosis 169, and 10 from diarrhea. The deaths from all causes correspond to an annual rate of 24 per 1,000. In Greater London 3,115 deaths were registered. In the "outer ring" the deaths included 12 from measles, 4 from scarlet fever, 3 from diphtheria, whooping cough 6, and 1 from enteric fever.

Ireland.—The average annual death rate represented by the deaths registered during the week ended March 13, 1909, in the 21 principal town districts of Ireland was 23.9 per 1,000 of the population, which is estimated at 1,142,308. The lowest rate was recorded in Queens-town, viz, 6.6, and the highest in Dundalk, viz, 63.8 per 1,000.

Scotland.—The deaths registered in 8 principal towns during the week ended March 13, 1909, correspond to an annual rate of 21.6 per 1,000 of the population, which is estimated at 1,839,038. The highest rate of mortality was recorded in Perth, viz, 27.9, and the lowest in Leith, viz, 15.2 per 1,000. The aggregate number of deaths registered from all causes was 771, including diphtheria 10, measles 2, scarlet fever 5, enteric fever 1, and 55 from whooping cough.

Aberdeen.—Month of February, 1909. Estimated population, 181,918. Total number of deaths, 270, corresponding to an annual death rate of 19.4 per 1,000 of population, including measles 8, whooping cough 20, diphtheria 6, enteric fever 1, and 24 from tuberculosis.

Dundee.—Month of February, 1909. Estimated population, 169,409. Total number of deaths, 302, corresponding to an annual death rate of 23.3 per 1,000 of population, including scarlet fever 6, whooping cough 10, diphtheria 9, and 35 from tuberculosis.

Edinburgh.—Month of February, 1909. Estimated population, 355,366. Total number of deaths, 486, corresponding to a death rate of 17.8 per 1,000 of population, including measles 1, scarlet fever 2, whooping cough 14, diphtheria 4, enteric fever 1, and 56 from tuberculosis.

Glasgow.—Month of February, 1909. Estimated population, 872,021. Total number of deaths, 1,291, corresponding to an annual death rate of 19.3 per 1,000 of population, including scarlet fever 9,

whooping cough 115, diphtheria 22, enteric fever 10, and 149 from tuberculosis.

MAURITIUS—Port Louis.—Month of December, 1908. Estimated population, 376,635. Total number of deaths not reported. Deaths from contagious diseases were: Enteric fever 4, diphtheria 2, plague 34, and 66 from tuberculosis.

SPAIN—Cadiz.—Month of February, 1909. Estimated population, 69,382. Total number of deaths, 190, including typhus fever 2, whooping cough 32, and 28 from tuberculosis.

Huelva.—Month of February, 1909. Estimated population, 24,000. Total number of deaths, 65, including enteric fever 1, and 14 from tuberculosis.

Madrid.—Month of February, 1909. Estimated population, 556,663. Total number of deaths, 1,912, including smallpox 25, enteric fever 21, scarlet fever 2, diphtheria 18, measles 84, whooping cough 8, typhus fever 66, and 160 from tuberculosis.

Cholera, yellow fever, plague, and smallpox, from December 26, 1908, to April 9, 1909.

[Reports received by the Surgeon-General, Public Health and Marine-Hospital Service, from American consuls, through the Department of State and from other sources.]

For reports received from June 26, 1908, to December 25, 1908, see PUBLIC HEALTH REPORTS for December 25, 1908.]

[NOTE.—In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Ceylon:				
Colombo.....	Nov. 15-Dec. 5....	12	10	
China:				
Hongkong.....	Dec. 28-Jan. 16....	2	2	
India:				
Bombay.....	Dec. 9-Feb. 23....		85	
Calcutta.....	Nov. 1-Feb. 27....		234	
Madras.....	Nov. 14-Mar. 5....		56	
Negapatam.....	Oct. 31-Feb. 12....		11	
Rangoon.....	Nov. 8-Feb. 27....		51	
Indo-China—Cholen.....	Nov. 9-15.....	1	1	
Persia:				
Tabriz.....	Oct. 9-Dec. 28....	1,003	500	
Philippine Islands:				
Manila.....	Nov. 1-Jan. 2....	84	56	Third quarter, 1908, 673 cases and 458 deaths.
Provinces.....				Third quarter, 1908, 17,619 cases and 11,115 deaths.
Antique.....	Nov. 1-Jan. 16....	260	163	
Bataan.....	Nov. 1-7.....	1	1	
Bohol.....	Dec. 20-Feb. 20....	192	119	
Bulacan.....	Nov. 1-Jan. 30....	88	70	
Caayan.....	Nov. 1-Jan. 16....	114	67	
Capiz.....	Nov. 1-Feb. 20....	1,344	758	
Cavite.....	Nov. 1-Feb. 20....	110	81	
Cebu.....	Dec. 20-Feb. 6....	21	15	
Iocos Norte.....	Nov. 1-Jan. 16....	335	235	
Iocos Sur.....	Nov. 1-Jan. 2....	207	140	
Iollo.....	Nov. 1-Jan. 16....	293	154	
Isabela.....	Jan. 24-30.....	2		
La Laguna.....	Nov. 1-Feb. 20....	117	79	
Leyte.....	Nov. 1-Jan. 30....	155	124	
Negros Occidental.....	Nov. 1-Jan. 16....	272	175	
Nueva Ecija.....	Feb. 14-20.....	1	1	
Palawan.....	Nov. 1-Dec. 19....	10	5	
Pampanga.....	Nov. 1-Feb. 20....	70	46	
Rizal.....	Nov. 1-Feb. 20....	246	216	
Samar.....	Nov. 1-Feb. 20....	165	109	
Sorsogon.....	Jan. 10-Feb. 20....	98	64	
Surigao.....	Nov. 15-Jan. 12....	7	4	
Union.....	Nov. 1-Jan. 12....	12	8	
Zambales.....	Dec. 6-12.....	3	3	

Cholera, yellow fever, plague, smallpox, etc.—Continued.

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Russia, general.....	Nov. 15-Mar. 13...	4,210	1,762	Dec. 1, 3 cases are reported present at Riga. From 1 to 4 cases are reported weekly from the following places: Schussica, Dnjeprrowsk (Simferopol), Bjak, Smejnogorsk, Bar nou l, Pokrowsk, Jusowska, Etschmiadzin, and Dorpat.
Akmolinsk.....	Nov. 15-Jan. 23...	34	13	
Bakoo.....	Nov. 22-23.....	3	2	
Batoom.....	Nov. 15-21.....	4	2	
Charkov.....	Dec. 6-Mar. 13.....	6	1	
Cronstadt.....	Nov. 15-Jan. 16.....	3	1	
Don, territory of.....	Nov. 15-Mar. 6.....	190	97	
Ekaterinislav.....	Nov. 15-Dec. 26.....	27	11	
Erivan.....	Dec. 1-31.....	28	21	
Helsingfors.....	Jan. 10.....	2	1	In vicinity.
Jaroslav.....	Feb. 7-Mar. 13.....	60	26	
Kherson.....	Nov. 15-Dec. 19.....	2	.....
Kief.....	Nov. 15-Dec. 12.....	11	1	
Kooban.....	Nov. 15-Jan. 2.....	139	76	
Kostroma.....	Dec. 6-12.....	1	.....
Livonia.....	Nov. 15-21.....	2	1	
Moscow district.....	Dec. 6-Jan. 30.....	8	8	Including Brownitza.
Moscow.....	Jan. 17-23.....	1	.....	Imported.
Odessa.....	Nov. 29-Dec. 12.....	2	2	
Olonets.....	Nov. 21-23.....	1	1	
Poltava.....	Nov. 29-Dec. 5.....	3	.....
Romanov-Borisoglebsk.....	Mar. 10.....	.....	.....	Present.
Rybinsk.....	Mar. 13.....	7	.....
Samarra gov't dist.....	Nov. 29-Dec. 5.....	7	7	
Samarand.....	Dec. 6-12.....	10	7	In vicinity.
Saratov.....	Nov. 15-Dec. 12.....	11	6	
Semipalatinsk, territory of.....	Dec. 19-26.....	1	.....
Stavropol.....	Nov. 15-21.....	1	.....
St. Petersburg, government.....	Nov. 15-Mar. 13.....	32	34	
St. Petersburg.....	Nov. 29-Mar. 13.....	2,200	694	Mar. 19, still present.
Tambov.....	Nov. 15-Dec. 12.....	16	8	
Tavride.....	Nov. 15-Dec. 19.....	9	5	
Terek, territory of.....	Nov. 15-Dec. 19.....	99	62	
Tiflis.....	Nov. 15-21.....	9	4	
Tomsk.....	Nov. 15-Jan. 23.....	102	48	
Toula.....	Feb. 21-Mar. 6.....	7	2	
Tver, district.....	Nov. 15-Dec. 5.....	4	.....
Volgoda.....	Dec. 6-12.....	1	.....
Yelissavetpol.....	Nov. 26-Dec. 5.....	5	10	
Slam:				
Bangkok.....	Nov. 1-Dec. 5.....	1	.....
Straits Settlements:				
Penang.....	Feb. 27.....	1	.....	From s. s. Sunki Maru.
Singapore.....	Nov. 8-Feb. 27.....	.....	165	

YELLOW FEVER.

Barbados, general.....	Dec. 12-Mar. 27.....	57	19	Including the parishes of St. Andrew, St. Lucy, and St. Joseph.
Bridgetown.....	Dec. 12-Mar. 20.....	11	.....
Speightstown.....	Mar. 7.....	1	.....
Brazil:				
Bahia.....	Nov. 15-Feb. 27.....	119	40	
Manaos.....	Nov. 29-Feb. 27.....	.....	11	
Para.....	Nov. 22-Mar. 6.....	.....	41	
Pernambuco.....	Nov. 15-30.....	.....	1	
Colombia:				
Cartagena.....	Jan. 8-14.....	1	1	
Cuba:				
Oriente Province— San Luis.....	Jan. 1-2.....	2	1	These cases were removed Dec. 28 and 29, respectively, to Santiago, where 1 case died Dec. 31.
Curaçao.....	Jan. 15.....	1	.....
Dutch Guiana:				
Paramaribo.....	Dec. 1-Jan. 27.....	32	8	
Ecuador:				
Guayaquil.....	Nov. 29-Mar. 13.....	.....	52	
Martinique:				
Fort de France.....	Dec. 13-Mar. 6.....	5	1	
Mexico:				
Izincal plantation.....	Dec. 6-12.....	2	2	
Maxcanu.....	Dec. 6-Jan. 23.....	5	4	Aug. 22-Dec. 18, 5 cases not previously reported.
Merida.....	Dec. 6-Mar. 6.....	15	8	
San Bernardo plantation.....	Dec. 27-Mar. 20.....	7	4	
Sodzil plantation.....	Dec. 13-Jan. 2.....	7	5	
Ticul.....	Feb. 1-Mar. 6.....	2	1	
Veracruz.....	Dec. 6-Feb. 13.....	13	6	
Trinidad:				
Port of Spain.....	Jan. 20.....	.....	1	

Cholera, yellow fever, plague, smallpox, etc.—Continued.

PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
Azores:				
Terceira.....	Feb. 1-28.....	15	5	
Australia:				
Brisbane.....	Nov. 1-7.....	1	1	
Brazil:				
Bahia.....	Nov. 15-Feb. 27.....	51	26	
Para.....	Jan. 24-Feb. 6.....		2	
Pernambuco.....	Nov. 1-Dec. 31.....		10	
Rio de Janeiro.....	Nov. 16-Feb. 28.....	68	35	
Chile:				
Antofagasta.....	Feb. 28.....	15		
Arica.....	Mar. 9.....			Present.
Iquique.....	Nov. 22-Mar. 8.....	48	16	Mar. 8, 13 cases in the lazaretto.
Taltal.....	Feb. 11.....			Present.
China:				
Amoy.....	Mar. 16.....			Present.
Hankau.....	Nov. 30-Dec. 5.....	1	1	On river boat Loongwo.
Hongkong.....	Nov. 8-Jan. 2.....	2	2	
Tientsin.....	Oct. 18-Nov. 21.....			Feb. 16, again present.
Tongshan.....	Nov. 1-14.....			Present.
Ecuador:				
Babahoyo.....	Jan. 16.....	3		
Guayaquil.....	Nov. 29-Mar. 13.....		59	
Milagro.....	Nov. 17-Jan. 18.....	18	8	
Nisag.....	Jan. 16.....	7		
Toito.....	Dec. 25-Jan. 17.....	30	20	
Egypt:				
Alexandria.....	Nov. 14-Jan. 20.....	4		
Port Said.....	Dec. 4.....	1		
Suakim.....	Feb. 1.....	1		On ss. Huriet II.
Provinces—				
Assiout.....	Dec. 2-Mar. 17.....	15	13	
Beherach.....	Nov. 24-Dec. 26.....	11	6	
Dakaklleh.....	Feb. 4-Mar. 18.....	5	5	
Galyoobeeyeh.....	Nov. 21-Feb. 2.....	3		
Garbieh.....	Nov. 27-Jan. 28.....	4	2	
Girgeh.....	Oct. 18-Mar. 14.....	8	8	
Fayoum.....	Nov. 23-Dec. 1.....	1	1	
Menouf.....	Nov. 27-Jan. 17.....	155	35	
Minieh.....	Nov. 25-Feb. 9.....	5	4	
German East Africa:				
Dar-es-Salaam.....	Oct. 10-Jan. 7.....	7	5	
India:				
Bombay Presidency and Sind.....	Nov. 2-Feb. 6.....	13,730	9,692	
Madras Presidency.....	Nov. 2-Feb. 6.....	881	636	
Bengal.....	Nov. 2-Feb. 6.....	2,321	1,948	
United Provinces.....	Nov. 2-Feb. 6.....	2,819	2,334	
Punjab.....	Nov. 2-Feb. 6.....	7,078	5,951	
Burma.....	Nov. 2-Feb. 6.....	2,790	2,651	
Central provinces, including Berar.....	Nov. 2-Feb. 6.....	2,931	2,243	
Coorg.....	Nov. 2-Dec. 17.....	5	3	
Mysore State.....	Nov. 2-Feb. 6.....	2,249	1,596	
Hyderabad State.....	Nov. 2-Feb. 6.....	507	416	
Central India.....	Nov. 2-Feb. 6.....	634	495	
Rajputana.....	Nov. 2-Feb. 6.....	1,437	1,405	
Grand total.....		37,382	29,370	
Indo-China:				
Cholon.....	Oct. 25-Dec. 19.....	12	11	Including Chuquan.
Saigon.....	Oct. 25-Jan. 30.....	12	11	
Japan:				
Formosa.....	Nov. 8-Feb. 27.....	164	128	Mainly in the central part.
Kagi, prefecture.....	Jan. 16.....	5		
Hogo.....				Year 1908, 219 cases additional.
Kagoshima.....	Feb. 6.....	1		From ss. Shinkochi Maru.
Kobe.....	Jan. 20-Mar. 6.....	4	3	3 cases from ss. Ghazee.
Nara.....				Year 1908, 2 cases additional.
Nishinomiya.....	Jan. 6.....	1		Year 1908, 53 cases.
Osaka.....	Dec. 22-Jan. 29.....	3	1	Year 1908, 59 cases additional.
				Case Jan. 29, on ss. Shinkochi Maru.
Yura.....		116	83	Year 1908.
Mauritius.....	Oct. 2-Jan. 14.....		106	
Peru:				
Arequipa, general.....	Feb. 19-25.....	3	1	
Mollendo.....	Nov. 1-Feb. 18.....	1	5	
Cajamarca, general.....	Feb. 19-Mar. 4.....	16	5	
Cascas.....	Feb. 12-18.....	12	5	
Chota.....	Jan. 22-Feb. 18.....	8	8	

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Peru—Continued.				
Callao, general	Feb. 19—Mar. 4	2		
Callao	Nov. 13—Feb. 18	26	11	
Lambayeque, general	Feb. 19—Mar. 4	6	5	
Chiclayo	Nov. 13—Feb. 18	44	23	
Eten	Nov. 13—Dec. 31	11	10	
Jayanca	Feb. 4	12		
Lambayeque	Feb. 18	12		
Motupe	Dec. 17—Jan. 14	2		
San Jose	Nov. 13—Dec. 3	2		
Zaña	Jan. 14—Feb. 18	4	2	
Libertad, general	Feb. 19—Mar. 4	22	8	
Casma	Feb. 4	1		
Chepen	Nov. 27—Feb. 18	19	6	
San Pedro	Nov. 13—Feb. 18	28	21	
Trujillo	Nov. 13—18	153	70	
Lima, general	Feb. 19—Mar. 4	13	3	
Chorrillos	Jan. 22—Feb. 4	2	2	
Lima	Nov. 13—Feb. 18	50	19	
Huaro-chiri, Matucana, Surco	Feb. 4	15		
Piura, general	Feb. 19—Mar. 4	2	1	
Catacaos	Dec. 11—Feb. 18	7		
Paita	Dec. 11—17	3	2	
Piura	Dec. 11—Jan. 14	6	4	
Siam:				
Bangkok	Sept. 27—Dec. 26	12	6	Present in November.
Straits Settlements:				
Singapore	Nov. 30—Dec. 5	1		
Turkey in Asia:				
Bagdad	Nov. 6—Feb. 5	14	7	
Beirut	Dec. 17—Jan. 9	5	5	
Jiddah	Dec. 12—Mar. 6	108	96	
Zanzibar	Nov. 10	1	1	

SMALLPOX.

Algeria:				
Algiers	Dec. 1—Feb. 28		78	Imported.
Arabia:				
Aden	Nov. 25—Feb. 22		74	
Argentina:				
Buenos Aires	Oct. 1—Dec. 31		2	
Australia:				
New South Wales— Newcastle	Nov. 1—30	1		
Austria:				
Bohemia	Feb. 7—13	7		
Galicia	Dec. 20—Jan. 23	8		
Silesia	Jan. 3—9	1		
Brazil:				
Bahia	Nov. 15—Feb. 27	293	22	
Para	Feb. 14—27	2	1	
Pernambuco	Nov. 1—Jan. 31		97	
Rio de Janeiro	Nov. 16—Feb. 18	1,285	633	
Santos	Nov. 1—Dec. 20		10	
São Paulo	Nov. 1—Feb. 7		52	
British Honduras:				
Stann Creek	Feb. 5—Mar. 10	6	1	32 miles south of Belize.
British South Africa:				
Cape Town	Dec. 28—Jan. 2	4		
Canada:				
British Columbia—				
Vancouver	Dec. 1—Feb. 28	4		
Victoria	Dec. 12—Feb. 28	28	4	
Manitoba—				
Winnipeg	Dec. 20—Jan. 20	6		
Ontario, Province, general.				
Hamilton	Dec. 1—31	118		
Toronto	Jan. 17—23	1		
Toronto	Nov. 8—28	7		
Nova Scotia—				
Halifax	Dec. 13—Mar. 27	68		
Tusketwedge	Feb. 13	1		
Yarmouth	Dec. 1—Mar. 27	29		Revised.
Quebec—				
Montreal	Dec. 28—Jan. 2	1		
Ceylon:				
Colombo	Nov. 1—21	62	13	

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Chile:				
Talcahuana.....	Nov. 20-Jan. 28.....			Present in vicinity.
Valparaiso.....	Dec. 6-19.....	2		
China:				
Amoy.....	Oct. 11-Nov. 8.....		2	Dec. 19, still present.
Hongkong.....	Jan. 3-30.....	4	2	
Shanghai.....	Nov. 11-Feb. 20.....	4	4	3 cases Nov. 11-Dec. 28 from U. S. transport Seward.
Tientsin.....	Jan. 17-30.....	9	2	
Cuba:				
Cienfuegos.....	Mar. 6.....	1		
Habana.....	Dec. 23-Mar. 25.....	4		Case Dec. 23 on s. s. Florida, case Jan. 19 on s. s. Alfonso XIII, case Mar. 25 on s. s. Monterey.
Ecuador:				
Guamote.....	Jan. 16.....			Present.
Manglar Alto.....	Jan. 17.....			Epidemic.
Egypt, general	Nov. 12-Feb. 25.....	737	164	
Alexandria.....	Nov. 26-Feb. 28.....	42	26	
Cairo.....	Nov. 19-Feb. 25.....	357	157	
France:				
Marseille.....	Dec. 1-Jan. 31.....		2	
Nice.....	Jan. 1-31.....	1		
Paris.....	Nov. 22-Mar. 13.....	47	2	
Toulon.....	Jan. 1-31.....	1		
Germany, general	Nov. 19-Mar. 20.....	42		
Bremen.....	Jan. 16-23.....	2		
Breslau.....	Dec. 20-26.....	1		
Brunswick.....	Feb. 16-20.....	1		
Hamburg.....	Mar. 13.....	2		Among Russian emigrants.
Königsberg.....	Jan. 9.....	1		
Greece:				
Athens.....	Nov. 22-Mar. 6.....		5	
Patras.....	Dec. 16-31.....	1	1	
Great Britain:				
Bristol.....	Dec. 13-Mar. 20.....	23	5	
London.....	Feb. 1-6.....	1		
Guatemala:				
Guatemala City.....	Dec. 21.....	600	200	Estimated, 2,800 cases; 840 deaths. Feb. 11, still present.
India:				
Bombay.....	Nov. 25-Mar. 9.....		141	
Calcutta.....	Nov. 1-Feb. 27.....		1,288	
Madras.....	Nov. 23-Mar. 5.....		15	
Rangoon.....	Nov. 22-Feb. 27.....		28	
Indo-China:				
Cholon.....	Nov. 15-Dec. 5.....	6	5	
Saigon.....	Nov. 1-Feb. 13.....	12	9	
Italy, general	Nov. 30-Mar. 14.....	179		
Catania.....	Feb. 23-Mar. 13.....	6		
Cinquefrondi.....	Jan. 15-21.....	13		
Florence.....	Nov. 24-Mar. 10.....	4		
Genoa.....	Dec. 1-Feb. 28.....	8		
Naples.....	Dec. 7-Mar. 13.....	304	57	Jan. 18, 1 case on s. s. Europa.
Palermo.....	Jan. 24-Mar. 6.....	11	2	
Polesella.....	Dec. 1.....			Epidemic.
Tatrinoll.....	Jan. 15-21.....	2		
Japan:				
Formosa.....	Nov. 23-Feb. 27.....	16		
Kobe.....	Feb. 14-Mar. 6.....	5	2	
Tokyo.....	May 8-Dec. 31.....	314		
Java:				
Batavia.....	Nov. 1-Feb. 20.....	51	4	
Malta	Nov. 22-Feb. 20.....	4	1	1 case Nov. 22 on vessel.
Manchuria:				
Dalny.....	Jan. 17-30.....	1	1	
Mexico:				
Acapulco.....	Jan. 11-31.....	12		
Acayucan.....	Mar. 17.....			Present.
Guadalajara.....	Jan. 7-Mar. 25.....	5	8	
Mexico City.....	Nov. 8-Feb. 20.....		129	
Monterey.....	Jan. 4-Mar. 23.....		16	
Salina Cruz.....	Jan. 1-15.....	5		
Tehuantepec.....	Jan. 23-Feb. 3.....			Do.
Veracruz.....	Dec. 13-Mar. 20.....	7	2	
Yucafan, Camp Mengel.....	Dec. 21.....	1		
Moluccas Islands	Dec. 12.....			Do.
Netherlands, The:				
Rotterdam.....	Jan. 10-Mar. 13.....	1		

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Newfoundland	Feb. 9—Mar. 20			Epidemic on south coast.
St. Johns	Jan. 10—Feb. 13	9		From s. s. Portia.
Norway:				
Bergen	Jan. 24—30		2	
Christiania	Nov. 22—28	1	1	
Paraguay:				
Asuncion	Dec. 20—26			Present.
Persia:				
Arabistan	Jan. 1—28			Do.
Dizfoul	Jan. 1—28			Do.
Hamadan	Oct. 2—Dec. 24	350	100	Estimated.
Kerman	Nov. 11			Present.
Kermanshah	Oct. 1—31			Do.
Mechedisser	Jan. 1—28			Do.
Mohammerah	Jan. 1—28			Do.
Sultanabad	Oct. 1—31			Do.
Tabriz	Oct. 2—8			Do.
Trebizond	Jan. 16			Do.
Teheran	Sept. 18—Oct. 28		17	
Peru:				
Lima	Nov. 22—Dec. 31	11		Feb. 27, 1 case in the lazaretto.
Salaverry	Nov. 19—25		1	
Philippine Islands:				
Manila	Nov. 1—Feb. 20	28	12	Third quarter, 1906, 84 cases, 28 deaths.
Porto Rico:				
Mayaguez	Dec. 20—Jan. 2	2		
Portugal:				
Lisbon	Nov. 30—Mar. 13	34		One case, Jan. 27, from s. s. Aragon.
Russia:				
Batoom	Dec. 1—31	1		
Moscow	Nov. 29—Mar. 6	290	103	
Odessa	Oct. 4—Mar. 13	65	12	
Reval	Jan. 1—31	1		
Riga	Nov. 29—Mar. 13	12		
St. Petersburg	Nov. 15—Mar. 6	112	34	
Warsaw	Nov. 1—Jan. 16		55	
Salvador:				
San Salvador	Feb. 6	3		
Santa Ana	Feb. 6	40		Present on routes to Guatemala.
Servia:				
Belgrade	Dec. 6—12	2		
Siam:				
Bangkok	Nov. 1—30			Present.
Siberia:				
Vladivostok	Dec. 14—Feb. 14	2		
Southeast Africa:				
Lourenço Marquez	Jan. 1—31	1	1	
Spain:				
Almeria	Jan. 1—Feb. 28		3	Apr. 1—Dec. 31, 1906, 9 cases.
Barcelona	Dec. 6—Mar. 20		46	
Cartagena	July 1—31		15	
Madrid	Nov. 1—Jan. 28		60	
Valencia	Nov. 29—Mar. 19	69	6	
Vigo	Nov. 30—Mar. 13		11	
Straits Settlements:				
Singapore	Dec. 28—Feb. 20		8	
Switzerland:				
Zurich	Feb. 21—27	3		
Tripoli:				
Tripoli	Feb. 13—Mar. 6	11	3	
Turkey in Asia:				
Adalia	Sept. 24—27		2	
Bagdad	Feb. 13			Present.
Bassorah	Jan. 3—Mar. 6			Do.
Smyrna	Oct. 7—Feb. 26		64	
Turkey in Europe:				
Constantinople	Dec. 7—Mar. 14		62	
Trebizond	Feb. 7—20			Do.
Uruguay:				
Montevideo	Dec. 1—31		1	

Weekly mortality table, foreign and insular cities.

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				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Aberdeen	Mar. 13	181,918	85								1	2	2	8
Aden	Feb. 22	43,794	36	5				1						
Do.	Mar. 1	43,794	27	4										
Aguscalientes	Mar. 21	40,000	60	3						1	1			4
Aix-la-Chapelle	Feb. 27	159,547	61	4								2		
Amsterdam	Mar. 13	566,256	168	20							2	2		3
Antwerp	Mar. 6	323,921	110	8						1	3	1		1
Asuncion	Jan. 23	75,000	22	3						1				
Do.	Jan. 30	75,000	19	1										
Barcelona	Feb. 21	600,000	277	19				1		2	7	2		3
Do.	Feb. 28	600,000	280	23				6		2	4	5	3	3
Do.	Mar. 7	600,000	325	24				5		5	1	8	6	1
Barmen	Mar. 6	161,200	47	6								1		
Barranquilla	do.	40,000	13	1						1				
Do.	Mar. 13	40,000	11	1										
Basel	Mar. 6	131,000	49	7							1	2	6	
Belize	Mar. 18	9,113	1											
Bergen	Mar. 13	87,749	21	5							1			
Berlin	Feb. 27	2,106,429	601	90						1	9	22	11	7
Birmingham	Mar. 13	558,336	293								4	2	44	4
Bluefields	do.	2,500	4	1										
Bombay	Mar. 2	977,822	811	63	153			16		3			1	
Bremen	Mar. 13	234,169	76	11							1	3	3	1
Breslau	Mar. 6	335,186	204	36							1	1		1
Bristol	Mar. 13	377,642	116											2
Brussels	Mar. 6	704,975	213	27						1	1	1		
Budapest	Jan. 2	804,200									2	1	9	
Do.	Feb. 20	804,200								1	5	2	5	
Do.	Feb. 27	804,200								3	3		1	
Do.	Mar. 6	804,200								1	2	2	1	
Calcutta	Feb. 20	847,796	639	22	26	28		146					2	
Cartagena	Mar. 14	30,000	10											
Celba	Mar. 20	6,500	1											
Chemnitz	Mar. 6	271,811	80	6								2	1	
Christiania	do.	235,000	61											1
Coburg	Mar. 7	23,491	7	2										
Cologne	Mar. 6	468,386	156	17							3	1	1	3
Colon	Mar. 14	16,000	8											
Constantinople	Mar. 7	1,000,000	358	36				3						
Do.	Mar. 14	1,000,000	404	52				3		10		1	3	
Copenhagen	Feb. 27	450,000	165	16								2	2	
Damascus	do.	250,000	48										4	
Do.	Mar. 6	250,000	45											
Dalny	Feb. 27	34,174	21											
Denia	Mar. 6	12,431	2											
Do.	Mar. 12	12,431	3											
Dublin	Mar. 13	394,525	223	35								2	5	5
Dundee	do.	169,409	67							3		2		1
Durban	Feb. 20	60,972	7	2										
East London	do.	49,253	4	1										
Edinburgh	Mar. 13	355,366	139	10							1			6
Erfurt	Feb. 20	107,792	31											
Do.	Feb. 27	107,792	24											
Do.	Mar. 6	107,792	45											
Flushing	Mar. 13	21,208	10											
Fort de France	Feb. 20	27,069	19											
Do.	Feb. 27	27,069	16											
Do.	Mar. 6	27,069	17											
Frankfort-on-the-Main	do.	362,600	104								1	3		
Frontera	Mar. 13	9,000	6	1										
Geneva	Feb. 20	118,500	40							1				
Do.	Feb. 27	118,500	47									2		
Georgetown	Feb. 20	56,000	64	9										
Do.	Feb. 27	56,000	29											
Ghent	Mar. 6	164,579	81	3									2	
Gibraltar	Mar. 14	26,830	11	1										
Glasgow	Mar. 19	872,021	366							1	1	6		37
Gothenburg	Mar. 6	162,200	51	10								1		
Greenock	Mar. 13	72,300	32									1		
Guadalajara	Mar. 11	125,000	90											
Do.	Mar. 18	125,000	89											

• Total deaths include returns from hospital for two weeks.

Weekly mortality table, foreign and insular cities—Continued.

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Guayaquil	Mar. 6	75,000	90	16	7		7			2					1
Hallifax	Mar. 20	40,787	18	2											
Hamilton, Bermuda	Mar. 22	20,206	6												
Hilo, Hawaii	Mar. 6	3,500	3	1											
Hull	Mar. 13	240,259	110											3	1
Königsberg	Mar. 6	237,600	98	13										2	4
Lausanne	Feb. 20	60,000	15												
Do	Feb. 27	60,000	15												
Leeds	Mar. 13	494,012	196	14						1				1	2
Leipzig	Mar. 6	537,686	125	17						1	1	3		1	1
Leith	Mar. 13	85,721	25	5								1			
Libau	Mar. 7	90,000													
Liege	Mar. 6	176,166	57	2											
Lisbon	Feb. 6	406,869	196	25				1		2					1
Do	Feb. 13	406,869	198	31						1	1				
Do	Feb. 20	406,869	226	27						4				3	2
Liverpool	Mar. 13	760,357	378	25						1	2	1	18		8
London	do	4,833,938	2,221	169						4	9	22	105		35
Lübeck	Mar. 6	97,000	35	1								1	1		
Madras	Feb. 26	509,346	380			1								3	
Managua	Feb. 13	22,278	18					4							1
Do	Feb. 20	22,278	11	1											1
Do	Feb. 27	22,278	11												
Manaos	do	54,000	21				1								
Do	Mar. 6	54,000	32	1											
Manchester	do	631,533	320	33						4		4	1	15	4
Do	Mar. 13	631,533	319	31					1		3		1	17	7
Mannheim	Feb. 27	179,000	60	13									1	3	
Manzanillo	Mar. 20	1,700	2												
Matamoros	do	8,000	2												
Mexico	Feb. 13	400,000	431	32				22	12	4	22	6	7	3	4
Do	Feb. 20	400,000	437	34				15	23	2	13	8	3	4	4
Do	Feb. 27	400,000	456	30				17	14	2	23	4	3		2
Milan	Jan. 10	900,000	257	26						1					
Do	Feb. 21	900,000	310	43						1	2	3	8		
Do	Feb. 28	900,000	287	34						3	3	4	2		
Do	Mar. 7	900,000	306	33										5	
Monrovia	Feb. 20	7,000	3												
Do	Feb. 27	7,000	5												
Monterey	Mar. 21	100,000	66	7				3							
Montreal	Mar. 20	378,856	163	22						6	7	1	2		
Nagasaki	Feb. 28	175,936	54									2			
Newcastle-on-Tyne	Mar. 13	281,584	102									4			1
Nottingham	Mar. 6	260,000	119							1	1		9		4
Nuevo Laredo	Jan. 30	8,000	6	1											
Do	Mar. 20	8,000	12	1											
Nuremberg	Feb. 27	316,180	109	10								2	1	1	2
Paris	Jan. 30	2,776,397	1,158	253							3	4	2		7
Para	Mar. 6	185,000	92	7			3								
Penang	Feb. 20	102,520	59	12											
Plymouth	Mar. 13	124,180	57											6	
Port Elizabeth	Feb. 20	32,959	14	4									1		
Do	Feb. 27	32,959	11	2									1		1
Progreso	Mar. 6	5,000	2												
Do	Mar. 13	5,000	3												
Queenstown	do	7,684	1												
Rangoon	Feb. 20	252,155	206	4	16	8		3		1					
Rio de Janeiro	Feb. 21	811,443	301	58	1			17		1				4	
Do	Feb. 28	811,443	302	58				5		6				1	1
Rotterdam	Mar. 13	412,905	142							2	1	1	1		
San Feliu de Guixols	do	11,094	7												
St. Stephen	Mar. 27	2,840	1												
Salford	Mar. 13	241,950	122							1			2	2	1
Santa Cruz de Tenerife	Mar. 6	46,000	12	2									1		
Santiago de Cuba	Mar. 20	45,470	22	4						1					
Sheffield	Mar. 6	440,000	180	10							1	2	33		2
Do	Mar. 13	440,000	219	16						1	1	3	40		1
Singapore	Jan. 30	260,000	180	20				1		2					
Do	Feb. 6	260,000	162	23	1	2		2		2					
Do	Feb. 13	260,000	198	34		1		1		4					
Southampton	Mar. 13	124,667	49	2											6

* Reported out of date.

Weekly mortality table, foreign and insular cities—Continued.

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South Shields.....	Mar. 18	117,627	35	1							1				
Stettin.....	Mar. 6	230,000	74	8							2				
Stockholm.....	Feb. 27	337,460	118	15							3	1			1
Tarragona.....	Mar. 13	20,400	15	1								1			
Trieste.....	Feb. 27	216,680	118									1			
Do.....	Mar. 6	216,680	138												
Turin.....	Mar. 3	381,439	244	25											
Valencia.....	Mar. 5	250,000	160	13						1					
Do.....	Mar. 12	250,000	159	9						1					
Vera Cruz.....	Mar. 13	32,000	37	9											
Do.....	Mar. 20	32,000	27	8											
Vevey.....	Feb. 20	14,500	7												
Do.....	Feb. 27	14,500	4												
Victoria, B. C.....	Mar. 20	30,000	6												
Vienna.....	Mar. 6	2,042,426	837	146						1	9	9	19		3
Vigo.....	do.	40,000	20	5									1		
Do.....	Mar. 13	40,000	16	3											
West Hartlepool.....	do.	66,750	30					1							
Winnipeg.....	Mar. 20	118,000	19												
Zanzibar.....	Feb. 14	75,000	11	2											
Do.....	Feb. 21	75,000	14	2											
Zurich.....	Mar. 13	180,000	71	7								2			1

By authority of the Secretary of the Treasury:

WALTER WYMAN,
*Surgeon-General,
 United States Public Health and Marine-Hospital Service.*