

# 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.  $\frac{1}{2}$*

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 13, 1909.*

Sick inspected.....	3
Plague.....	0
Dead inspected.....	125
Plague.....	0
Premises inspected.....	2,403
Houses disinfected.....	74
Houses destroyed.....	1
Nuisances abated.....	331
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Rats found dead.....	32
Rats trapped.....	2,213
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Total rats taken.....	2,245
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Rats identified:	
Mus norvegicus.....	1,506
Mus rattus.....	38
Mus musculus.....	687
Mus alexandrinus.....	7
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Total.....	2,238
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Rats identified as to sex.....	1,508
Male.....	707
Female.....	801
Rats examined bacteriologically.....	1,359
Plague rats.....	0
Ground squirrels trapped.....	4
Ground squirrels examined bacteriologically.....	4
Plague squirrels.....	0
Buildings condemned.....	4
Poisons placed.....	30,228

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 6, 1909.*

Dead inspected.....	30
Plague.....	0
Premises inspected.....	47
Premises cleaned.....	12
Necropsies held.....	2
Garbage cans installed.....	8
Nuisances abated.....	15
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Rats found dead.....	51
Rats trapped.....	504
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Total rats taken.....	555
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Mice trapped.....	82
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Rats identified:	
Mus norvegicus.....	549
Mus rattus.....	5
Mus musculus.....	82
Mus alexandrinus.....	1
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Total.....	637
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Rats examined bacteriologically.....	549
Plague rats.....	0
Mice examined bacteriologically.....	82
Plague mice.....	0
Poisons placed.....	26,300

POINT RICHMOND, CAL.

*Week ended March 6.*

Sick inspected.....	2
Plague.....	0
Premises inspected.....	490
Nuisances abated.....	21
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Rats found dead.....	14
Rats trapped.....	18
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Total rats taken.....	32
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Rats examined bacteriologically.....	17
Plague rats.....	0
Poisons placed.....	9,000

ALAMEDA COUNTY, CAL.

*Week ended March 6.*

Sick inspected.....	6
Plague.....	0
Dead inspected.....	51
Plague.....	0
Necropsies held.....	4

CONTRA COSTA COUNTY, CAL.

*Week ended March 6.*

Dead inspected.....	2
Plague.....	0
Ground squirrels shot.....	44
Ground squirrels examined bacteriologically.....	44
Plague squirrels.....	0
Ranches inspected.....	47
Ranches found free of squirrels.....	10
Ranches poisoning squirrels.....	37

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

Passed Assistant Surgeon Stimson, plague laboratory, reports, March 11:

Animals examined for plague in the laboratory in this city from February 22 to 28, inclusive:

Ground squirrels.....	37
Gray rats.....	339
Black rats.....	19
White rat.....	1

From March 1 to 7, inclusive:

Ground squirrels.....	42
Gray rats.....	340
Black rats.....	13
White rats.....	8
Gopher.....	1

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

*Reports from Seattle, Wash.—Plague-prevention work—Summary of inspection and fumigation of vessels, month of February, 1909.*

Passed Assistant Surgeon Glover reports March 8 and 12:

SEATTLE, WASH.

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

*Week ended March 6, 1909.*

Plague-infected rats to date.....	21
Rats received.....	718
Rats necropsied.....	694
Plague rats.....	0
Vessels inspected.....	9
Vessels fumigated.....	5

*Summary, Month of February, 1909.*

During the month of February there were 59 vessels inspected and 8 vessels fumigated in connection with plague-prevention measures at Seattle.

*Examination of rats for plague infection, month of February, 1909.*

Assistant Surgeon Chapin, plague laboratory, reports, March 6, through Passed Assistant Surgeon Glover:

During the month of February, 1909, 2,872 rats were delivered at the laboratory and 2,729 were necropsied. No plague-infected rats were found. Of the necropsied rats 723 were females. One hundred and fourteen fleas were found upon 52 rats examined for this purpose.

The last plague rat was found September 26, 1908.

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

CALIFORNIA—*San Diego*.—Month of February, 1909. Estimated population, 42,500. Total number of deaths, 40, including 11 from tuberculosis. Cases: Scarlet fever 1, diphtheria 3, tuberculosis 2.

*City and county of San Francisco*.—Month of January, 1909. Estimated population, 475,000. Total number of deaths, 553, including enteric fever 3, scarlet fever 2, whooping cough 4, diphtheria 5, measles 1, and 77 from tuberculosis. Cases: Diphtheria 53, scarlet fever 47, smallpox 4, measles 272, whooping cough 37, enteric fever 13, and tuberculosis 121.

*Los Angeles*.—Month of February, 1909. Estimated population, 275,000. Total number of deaths reported, 366, including diphtheria 1, enteric fever 5, and 73 from tuberculosis. Cases of contagious diseases reported: Diphtheria 29, enteric fever 27, scarlet fever 57, measles 17, smallpox 4, and tuberculosis 42.

INDIANA—*Lafayette*.—Annual report for the year 1908. Estimated population, 23,000. Total number of deaths, 292, including enteric fever 5, whooping cough 3, measles 1, diphtheria 5, smallpox 1, and 36 from pulmonary tuberculosis. Cases: Whooping cough 10, enteric fever 8, diphtheria 24, smallpox 59, measles 56, scarlet fever 5, and pulmonary tuberculosis 11.

KANSAS—*Leavenworth*.—Months of January and February, 1909. Estimated population 22,000. Total number of deaths, 67, including enteric fever 1, and 2 from tuberculosis. Cases: Scarlet fever 3, diphtheria 6, enteric fever 6, tuberculosis 4, and measles 2.

LOUISIANA—*New Orleans*.—Month of February, 1909. Estimated population, 362,000 (265,000 white, 97,000 colored). Total number of deaths 557 (352 white, 205 colored), including enteric fever 8 (white), scarlet fever 8 (white), diphtheria 2 (white), and 73 from tuberculosis, of which 44 were white and 29 colored. The death rate per 1,000 of population per annum for the month was: White, 15.94; colored, 25.36; Total white and colored, 18.46.

MINNESOTA.—Month of November, 1908. Estimated population, 1,979,658. Reports to the state board of health show as follows: Total number of deaths, 1,504, including diphtheria 55, enteric fever 50, scarlet fever 8, whooping cough 5, and 152 from tuberculosis. Deaths reported from state institutions during the month numbered 27, including enteric fever 1, and 7 from tuberculosis.

MISSOURI—*Springfield*.—Month of February, 1909. Estimated population, 35,000. Total number of deaths, 36, including 6 from tuberculosis. Cases: Scarlet fever 6, diphtheria 2, smallpox 1.

NEW HAMPSHIRE—*Manchester*.—Month of February, 1909. Estimated population, 64,793. Total number of deaths, 121, including

diphtheria 2, whooping cough 2, and 11 from tuberculosis. Cases: Diphtheria 30, enteric fever 1, and scarlet fever 7.

NEW JERSEY—*Paterson*.—Month of December, 1908. Estimated population, 116,492. Total number of deaths, 88, including diphtheria 1, scarlet fever 1, enteric fever 1, measles 1, and 4 from tuberculosis. Cases: Diphtheria 21, enteric fever 1, scarlet fever 25, and tuberculosis 19.

Month of January, 1909. Total number of deaths, 222, including diphtheria 2, scarlet fever 2, measles 1, and 21 from tuberculosis. Cases: Scarlet fever 30, diphtheria 19, enteric fever 2, and tuberculosis 44.

NEW YORK—*Auburn*.—Month of February, 1909. Estimated population, 40,000. Total number of deaths, 35, including 3 from tuberculosis. Cases of contagious diseases reported: Diphtheria 1, enteric fever 1, whooping cough 2, phthisis pulmonalis 10.

*Lockport*.—Month of February, 1909. Estimated population, 17,552. Total number of deaths, 19, including 2 from tuberculosis. Cases: Diphtheria 1, and enteric fever 15.

*New York*.—Month of January, 1909. Estimated population 8,546,356. Total number of deaths, 11,481, including enteric fever 101, measles 79, scarlet fever 132, whooping cough 31, diphtheria 251, and 1,336 from tuberculosis. Cases: Tuberculosis 3,739, diphtheria 2,406, scarlet fever 2,696, measles 4,366, enteric fever 515, and 63 from smallpox.

*Yonkers*.—Month of February, 1909. Estimated population, 72,200. Total number of deaths, 94, including scarlet fever 2, diphtheria 3, and 11 from tuberculosis. Cases: Scarlet fever 36, diphtheria 13, measles 154, and tuberculosis 15.

PENNSYLVANIA—*South Bethlehem*.—Month of February, 1909. Estimated population, 16,000. Total number of deaths, 31, including 1 from tuberculosis. Cases: Enteric fever 1, scarlet fever 1, measles 6, whooping cough 5, and tuberculosis 9.

SOUTH CAROLINA—*Charleston*.—Month of January, 1909. Estimated population, 65,000. Total number of deaths, 89, including enteric fever 2, and tuberculosis 13. Cases: Diphtheria 11, enteric fever 9, and scarlet fever 11.

Month of February, 1909. Total number of deaths, 83, including whooping cough 3, and 11 from tuberculosis. Cases: Enteric fever 4, scarlet fever 5, and diphtheria 4.

UTAH—*Salt Lake City*.—Month of February, 1909. Estimated population, 85,000. Total number of deaths, 92, including scarlet fever 2, whooping cough 1, diphtheria 3, and 3 from tuberculosis. Cases: Smallpox 85, scarlet fever 55, diphtheria 16, measles 7, whooping cough 43, and tuberculosis 1.

**VIRGINIA**—*Newport News*.—Month of February, 1909. Estimated population, 28,749. Total number of deaths, 25, including 5 from tuberculosis. Cases: Diphtheria 6.

**WASHINGTON**—*Spokane*.—Month of February, 1909. Estimated population, 100,000. Total number of deaths, 99, including measles 2, scarlet fever 2, diphtheria 1, and 10 from tuberculosis. Cases: Smallpox 2, measles 113, scarlet fever 53, diphtheria 34, enteric fever 1, and tuberculosis 1.

**Tacoma**.—Months of December and January, 1909, estimated population 120,000. Total number of deaths, 136, including diphtheria 2, tuberculosis 13, and 2 from enteric fever.

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

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.]

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Alabama:</b>				
Mobile.....	Jan. 12-Feb. 6.....	7		Year 1908.
Montgomery.....	Mar. 13.....		1	
Tuscaloosa County.....	Feb. 6-Dec. 31.....	86		
Total for State.....		93	1	
<b>Arkansas:</b>				
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.....		108		
<b>California, general:</b>				
Los Angeles.....	Nov. 1-Dec. 31.....		3	
Oakland.....	Dec. 6-Mar. 6.....	18		
Sacramento.....	Nov. 1-Jan. 31.....	10		
San Francisco.....	Nov. 1-Dec. 31.....	24		
Stockton.....	Dec. 13-Mar. 6.....	28		
	Nov. 1-30.....	12		
Total for State.....		92	3	
<b>Colorado, general:</b>				
	July 1-Feb. 23.....	109		
<b>District of Columbia:</b>				
Washington.....	Dec. 28-Feb. 27.....	7		
Total for District.....		7		
<b>Georgia:</b>				
Cobb County.....	Jan. 16-Feb. 7.....	8		
Paulding County.....	Jan. 16-Feb. 7.....	15		
Total for State.....		23		
<b>Illinois:</b>				
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-Mar. 20.....	9		

## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Illinois—Continued.</b>				
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— Murphysboro.....	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		
Lake County— Waukegan.....	Feb. 2–26.....	3		
McLean County— Bloomington.....	Jan. 1–31.....	5		
Macon County— Decatur.....	Jan. 1–31.....	8		
Macoupin County— Beuld.....	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 Quive 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–Feb. 3...	7		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		
Schuyler County— Browning.....	Oct. 12–Jan. 20.....	75		
Tazewell County.....	Jan. 1–31.....			Present in Elm Grove township.
Pekin.....	Jan. 1–31.....	28		
Vermillion County— Danville.....	Jan. 11–Mar. 7...	11		
Williamson County— Carterville.....	Jan. 1–31.....	2		
Johnston City.....	Jan. 1–31.....	1		
Marion.....	Jan. 1–31.....	6		
Total for State.....		632	1	
<b>Indiana:</b>				
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		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Indiana—Continued.</b>				
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		
Sullivan County	Oct. 1-31	2		
Tippecanoe County	Oct. 1-Dec. 31	77		
Lafayette	Dec. 15-Mar. 15	57	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		
<b>Total for State</b>		<b>351</b>	<b>1</b>	
<b>Iowa, general</b>				
Burlington	July 1-Sept. 30		2	
Council Bluffs	Jan. 1-31	1		
Dubuque	July 1-Feb. 28	32	2	
	Oct. 1-Jan. 31	87	1	
<b>Total for State</b>		<b>120</b>	<b>5</b>	
<b>Kansas:</b>				
Atchison County— Atchison	Dec. 20-Jan. 16	2		
Barton County	Nov. 1-30	7		
Bourbon County	Nov. 1-30	1		
Brown County	Nov. 1-Dec. 31	45		
Crawford County— Pittsburg	Nov. 1-Dec. 31	107		
Franklin County	Dec. 1-31	1		
Harvey County	Nov. 1-Dec. 31	4		
Jackson County	Nov. 1-Dec. 31	95		
Jefferson County	Dec. 1-31	2		
Jewell County	Dec. 1-31	2		
Montgomery County	Nov. 1-Dec. 31	18		
Nemaha County	Dec. 1-31	2		
Phillips County	Dec. 1-31	2		
Pottawatomie County	Nov. 1-Dec. 31	36		
Pratt County	Dec. 1-31	20		
Reno County	Nov. 1-Dec. 31	3	1	
Riley County	Nov. 1-30	2		
Saline County	Nov. 1-Dec. 31	31		
Sedgwick County— Wichita	Mar. 7-13	2		
Shawnee County	Nov. 1-Dec. 31	6		
Topeka	June 7-Mar. 13	93		
Sheridan County	Dec. 1-31	9		
Stafford County	Dec. 1-31	1		
Sumner County	Nov. 1-Dec. 31	7		
Wilson County	Nov. 1-30	5		
Wyandotte County— Kansas City	Jan. 3-Mar. 13	23		
<b>Total for State</b>		<b>528</b>	<b>1</b>	
<b>Kentucky:</b>				
Anderson County	Oct. 1-Jan. 20	200	1	Including Lawrenceburg.
Covington	Dec. 29-Mar. 13	17		
Georgetown	Dec. 2-Mar. 4	31		
Henderson		7		Jan. 1-June 30, 1908.
Lexington	Dec. 28-Mar. 13	38		
Newport	July 1-Jan. 31	20	1	Jan. 1-June 30, 1908, 16 cases, 1 death.
Paducah	Jan. 24-Mar. 7	42		
<b>Total for State</b>		<b>355</b>	<b>2</b>	

## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Louisiana:</b>				
Alexandria.....	Feb. 1-28.....	9		Including Blenville, Liberty Hill, and Mount Lebanon.
Arcadia Parish.....	Dec. 20-Jan. 11....	30		
New Orleans.....	Dec. 20-Mar. 6....	23		
Shreveport.....	Jan. 1-20.....	32	1	
Total for State.....		94	1	
<b>Maine:</b>				
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		
<b>Maryland:</b>				
Baltimore.....	Jan. 30-Feb. 6....	1		
Total for State.....		1		
<b>Massachusetts:</b>				
Haverhill.....	Mar. 14-20.....	1		
Lawrence.....	Mar. 7-13.....	1		
New Bedford.....	Jan. 30-Mar. 13....	3		
Taunton.....	Jan. 3-9.....	1		
Total for State.....		6		
<b>Michigan:</b>				
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-Feb. 20....	4		
St. Clair County.....	Nov. 1-Dec. 31....	2		
Port Huron.....	Nov. 1-Dec. 5....	3		
Wayne County—				
Detroit.....	Jan. 10-Mar. 6....	6		
Wexford County.....	Dec. 1-31.....	2		
Total for State.....		71		
<b>Minnesota:</b>				
Becker County.....	Dec. 7-13.....	1		Mar. 1-Mar. 13, 13 cases.
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-Jan. 31....	43		
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		
Renville County.....	Dec. 1-7.....	1		

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Minnesota—Continued.</b>				
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		
Waseka 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-Jan. 31.....	5		
Yellow Medicine County.....	Oct. 20-26.....	1		
<b>Total for State.....</b>		<b>260</b>		
<b>Mississippi:</b>				
De Soto County.....	Nov. 1-Dec. 22.....	135		
<b>Total for State.....</b>		<b>135</b>		
<b>Missouri:</b>				
Kansas City.....	Jan. 24-Mar. 13.....	9		
Liberty.....	Jan. 15-Feb. 15.....	20		
St. Joseph.....	Dec. 1-31.....	1		
St. Louis.....	Dec. 20-Mar. 6.....	16		
Springfield.....	Nov. 1-Feb. 28.....	3		
<b>Total for State.....</b>		<b>49</b>		
<b>Montana:</b>				
Cascade County.....	Nov. 1-30.....	4		
Flathead County.....	Nov. 1-30.....	1		
Gallatin County.....	Nov. 1-30.....	13		
Bozeman.....	Nov. 1-30.....	15		
Jefferson County.....	Nov. 1-30.....	4		
Ravalli County.....	Nov. 1-30.....	4		
Silverbow County.....	Nov. 1-30.....	5		
Butte.....	Dec. 2-Mar. 9.....	26		
Yellowstone County.....	Nov. 1-30.....	1		
<b>Total for State.....</b>		<b>73</b>		
<b>Nebraska:</b>				
Arlington.....	Jan. 25.....	1		
Lincoln.....	Nov. 1-Jan. 31.....	7		
South Omaha.....	Dec. 20-Feb. 27.....	11		
<b>Total for State.....</b>		<b>19</b>		
<b>New Hampshire:</b>				
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		
<b>Total for State.....</b>		<b>10</b>		
<b>New Jersey:</b>				
Camden.....	Feb. 21-Mar. 6.....	3		
New Brunswick.....	Mar. 7-13.....	1		
Plainfield.....	Mar. 7-13.....	2		
Perth Amboy.....	Mar. 4-10.....	6		
<b>Total for State.....</b>		<b>12</b>		
<b>New York, general:</b>				
Buffalo.....	Nov. 1-Dec. 31.....	75	1	
Buffalo.....	Feb. 14-Mar. 6.....	3		
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		
<b>Total for State.....</b>		<b>86</b>	<b>3</b>	

Year 1908.

## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>North Carolina:</b>				
Ashe County.....	Jan. 1-31.....	7		
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		Present to Dec. 31.
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		Imported.
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		
<b>Total for State.....</b>		<b>310</b>		
<b>North Dakota.....</b>	<b>July 1-Feb. 19.....</b>	<b>168</b>		
<b>Ohio, general.....</b>				
Cincinnati.....	June 14-Jan. 2.....	337		
Cleveland.....	Dec. 12-Mar. 12.....	167	1	
Columbus.....	Feb. 28-Mar. 5.....	2		
Dayton.....	Jan. 1-Mar. 6.....	4		
Newark.....	Jan. 24-Feb. 20.....	5		
Tiffin.....	Jan. 3-23.....	3		Year 1908.
<b>Total for State.....</b>		<b>520</b>	<b>1</b>	
<b>Oregon:</b>				
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		
<b>Total for State.....</b>		<b>168</b>		
<b>Pennsylvania:</b>				
Gracedale.....	Oct. 24.....	1		
Harrisburg.....	Dec. 18-Jan. 20.....	3		
New Castle.....	Feb. 1-28.....	2		
New Kingstown.....	Dec. 29.....			Present.
Philadelphia.....	Dec. 19-25.....	1		
Pittsburg.....	Dec. 13-19.....	1		Imported.
Prompton.....	Jan. 2-Feb. 10.....	3		
<b>Total for State.....</b>		<b>11</b>		
<b>South Dakota:</b>				
Aberdeen.....	May 1-Jan. 31.....	43		
<b>Total for State.....</b>		<b>43</b>		
<b>Tennessee:</b>				
Greene County.....	Jan. 2.....	103		Including Greeneville.
Knoxville.....	Dec. 28-Mar. 13.....	17		
Memphis.....	Jan. 1-Mar. 6.....	126		
Nashville.....	Dec. 20-Mar. 20.....	41		
Polk County.....	Jan. 22.....	30		
<b>Total for State.....</b>		<b>317</b>		
<b>Texas:</b>				
Cost.....	Oct. 1-Dec. 19.....			Present.
Cotulla.....	Jan. 25-Feb. 17.....			Do.

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Texas—Continued.</b>				
Denton County.....	Jan. 1-Feb. 8.....	9		Including Justin and Roanoka.
El Paso.....	Feb. 10-Mar. 16.....	8	1	
Falfurrias.....	Dec. 26.....	12		Year 1908.
Fort Worth.....		256		
Do.....	Feb. 1-28.....	3		
Galveston.....	Mar. 6-12.....	1		
Gollad County.....	Dec. 1-Jan. 20.....	25		Present. Do. Do.
Houston.....	Jan. 1-Mar. 6.....	4		
Laredo.....	Dec. 26-Mar. 6.....	5		
Monthalla.....	Oct. 1-Dec. 19.....			
Oak Forest.....	Oct. 1-Dec. 19.....			
San Antonio.....	Dec. 13-Mar. 13.....	74		
San Augustine County.....	Jan. 5.....			
<b>Total for State.....</b>		<b>397</b>	<b>1</b>	
<b>Utah:</b>				
Cache County.....	Jan. 1-31.....	41		
Davis County.....	Nov. 1-Jan. 31.....	26		
Garfield County.....	Dec. 1-Jan. 31.....	25		
Millard County.....	Jan. 1-31.....	1		
Salt Lake County.....	Dec. 1-Jan. 31.....	136		
Salt Lake City.....	Dec. 1-Feb. 28.....	272	1	
Sanpete County.....	Dec. 1-31.....	1		
Sevier County.....	Jan. 1-31.....	2		
Summit County.....	Dec. 1-Jan. 31.....	31		
Utah County.....	Dec. 1-31.....	1		
Weber County.....	Nov. 1-Jan. 31.....	3		
<b>Total for State.....</b>		<b>539</b>	<b>1</b>	
<b>Vermont:</b>				
Brattleboro.....	Dec. 5-Jan. 30.....	59		And vicinity.
Newfane.....	Jan. 11.....	8		
West Windsor township.....	Jan. 23.....	2		
White River Junction.....	Jan. 4-Feb. 9.....	3		
<b>Total for State.....</b>		<b>72</b>		
<b>Virginia:</b>				
Caroline County.....	Mar. 9.....	1		Present in October. Imported. On tug E. W. Marts.
Lynchburg.....	Jan. 10-30.....	3		
Norfolk.....	Feb. 5-17.....	3		
Port Royal.....	Dec. 28-Jan. 14.....	3		
<b>Total for State.....</b>		<b>10</b>		
<b>Washington:</b>				
Camas.....	Dec. 29-Mar. 8.....	18		
Seattle.....	Oct. 1-Feb. 28.....	18		
Spokane.....	Dec. 6-Feb. 20.....	10	1	
Tacoma.....	Dec. 14-Mar. 6.....	56		
<b>Total for State.....</b>		<b>102</b>	<b>1</b>	
<b>West Virginia:</b>				
Charleston.....	Jan. 1-31.....	1		Present in January.
Moundsville.....				
Weston.....	Jan. 15-Feb. 13.....	1		
<b>Total for State.....</b>		<b>2</b>		
<b>Wisconsin:</b>				
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. 13.....	36		
Milwaukee County— Milwaukee.....	Dec. 6-Mar. 13.....	134		
Manitowoc County, Mani- towoc.....	Dec. 13-Feb. 27.....	14		
Marathon County.....	July 1-Sept. 30.....	2		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Wisconsin—Continued.</b>				
Monroe County.....	July 1-Sept. 30....	12		
Outagamie County, Appleton.	Mar. 6-13.....	1		
Ozaukee County.....	July 1-Sept. 30....	3		
Pierce County.....	July 1-Sept. 30....	4		
Folk County.....	July 1-Sept. 30....	1		
Rusk County.....	July 1-Sept. 30....	3		
Sheboygan County.....	July 1-Sept. 30....	32		
<b>Total for State.....</b>		<b>391</b>		
<b>Grand total for the United States.....</b>		<b>6,329</b>	<b>22</b>	

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

[For smallpox, see special table.]

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.
Allentown, Pa.....	Feb. 6	35,416	20		1			8	1	2		2		1	
Do.....	Feb. 13	35,416	18		1	1		6		5		1		2	
Do.....	Feb. 20	35,416	21		4	5		7		2		1			
Do.....	Feb. 27	35,416	17				1	10		5		1			
Do.....	Mar. 6	35,416	22		2	8		8	1	2		1			
Do.....	Mar. 13	35,416	21	2	1			5		2		1			
Appleton, Wis.....	do	15,085	4	2	2	1		1		1		1			
Ashtabula, Ohio.....	Mar. 6	12,949	12					1		1		1			
Do.....	Mar. 13	12,949	2							3					
Auburn, N. Y. <sup>a</sup>	Feb. 27	30,345	9	2	1	1									
Baltimore, Md.....	Mar. 13	508,957	198	18	22	6	1	10		28	1	134		9	
Bath, Me.....	do	10,477						2	1						
Bayonne, N. J. <sup>b</sup>	Feb. 20	32,722			2			8	1	9		7			
Do.....	Mar. 13	32,722						1	1	8		32		1	
Beaver Falls, Pa.....	do	13,000				1									
Berkeley, Cal.....	Mar. 6	13,214	6		1	1						1			1
Binghamton, N. Y. <sup>c</sup>	Mar. 13	38,647	17												
Boston, Mass.....	do	560,892	277	38	28	6		59	3	47	7	76	5	10	3
Braddock, Pa.....	do	15,654	8		1	3									
Bradford, Pa.....	do	15,029	3					2							
Brockton, Mass.....	do	40,063	11	1				1		1		151	1	13	
Butte, Mont.....	Jan. 2	30,470	16	2	1			11	2	3					
Do.....	Jan. 9	30,470	13	2	3			8	1	1					
Do.....	Jan. 16	30,470	12		1	1		9		2		1			
Do.....	Jan. 23	30,470	13		2			8	2	2		1			
Do.....	Jan. 30	30,470	11					4	1	3					
Do.....	Mar. 9	30,470	9	1	4			5		1					
Cambridge, Mass.....	Mar. 13	91,886	23	9	4			2	1	9	1	11			
Camden, N. J.....	do	75,935	34	3				8		1					
Camden, S. C.....	do	2,441						1				2			
Carbondale, Pa.....	do	13,536	3												
Charlotte, N. C.....	Mar. 12	18,091	5												
Chelsea, Mass.....	Mar. 13	34,072	15		1	1	8		5		1				
Chicago, Ill.....	do	1,698,575	654	99	88	65	10	154	7	121	18	111		13	
do.....	do	19,167	7												
Cleopoe, Mass.....	do	381,768	143	23	18	4	2	21	1	27		18		30	1
Cleveland, Ohio.....	Mar. 12	13,667	3	1	1										
Clinton, Mass.....	Mar. 13	17,614	3												
Columbus, Ga.....	do	125,560	67	10	11	2	1	3				6		1	
Columbus, Ohio.....	do	19,682	13	1	1	1						8			
Concord, N. H.....	Mar. 6	42,938	14		6										
Covington, Ky.....	Mar. 13	16,534	10		1			2		2					
Danville, Ill.....	Mar. 14	35,254		3		1		1		2				1	
Davenport, Iowa.....	Mar. 6	85,333	40		1		1	4				4		7	
Dayton, Ohio.....	Mar. 13														

<sup>a</sup> Previous report corrected.

<sup>b</sup> Reported out of date.

<sup>c</sup> Four deaths reported from state hospital.

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.													
				Tuberculosis.		Enteric fever.		Scarlet fever.		Diphtheria.		Measles.		Whooping cough.			
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.		
Detroit, Mich.	Mar. 13	285,704	136					5		9							
Duluth, Minn.	Mar. 11	80,000		1	5			7	1	6							
Dunkirk, N. Y.	Mar. 13	11,616	1			1				1						5	
Elmira, N. Y.	do	35,672	10	8	2					1			2				
El Paso, Tex.	Mar. 9	15,905	28		7	1		1		2			4				
Elkhart, Ind.	Mar. 13	15,184	3			1	1						2				
Erie, Pa.	do	52,733	24	5	2	2	1	2					1		14	1	
Evansville, Ind.	do	59,007	25	1	4												1
Everett, Mass.	do	24,336	8	2				7									
Fall River, Mass.	do	104,863	40	1	1			3		2			5				
Findlay, Ohio.	Mar. 13	17,613	7		1					2							
Fort Wayne, Ind.	do	45,115	16							1			1				
Glens Falls, N. Y.	do	13,543	3		1	1				1			2				
Gloucester, Mass.	do	26,121	5														
Grand Rapids, Mich.	do	87,565	36			2	3			1			4			3	
Great Falls, Mont.	do	14,930	6			2	1	8		1	1						
Greenville, S. C.	Feb. 27	11,860	4					1					1				
Hammond, Ind.	Mar. 13	12,376			1	1											
Harrison, N. J.	do	10,596	4	1	1			1		2							
Haverhill, Mass.	do	37,175	14	2	2					4							
Hoboken, N. J.	do	59,364						8		4						1	
Homestead, Pa.	Mar. 14	12,554	8		1	1							19	2			
Indianapolis, Ind.	do	169,164	68		12	3		5		6	1	43					
Jacksonville, Fla.	Mar. 13	28,429	25		5	2											
Jersey City, N. J.	Mar. 14	266,433	91		12			18	5	12	9	39			1	1	
Johnstown, Pa.	Mar. 13	35,936	19			1		18	2	1		14					
Kalamazoo, Mich.	Mar. 6	24,404	13									1			1		
Do.	Mar. 13	24,404	13		1	1					3						
Kearny, N. J.	do	10,896	4	3				1			1						
Kingston, N. Y.	do	24,535	5		1								1				
Lancaster, Pa.	Mar. 12	41,459	9		2			6					1				
Leavenworth, Kans.	Mar. 6	20,733	13	2		1		1									
Do.	Mar. 13	20,733	7	1	1					2							
Little Falls, N. Y.	do	10,381	1														
Lowell, Mass.	do	94,969	29		2	2		4		2		5					
Lynchburg, Va.	do	18,891						1		2							
Lynn, Mass.	do	68,513	36	1	4			4	1	2		4					
Macon, Ga.	Mar. 14	22,746		2	2												
Malden, Mass.	Mar. 13	33,664	10	3			1	4	1	4	1	12			4	1	
Manchester, N. H.	do	56,987	24	3	3	1		5		6							
Manitowoc, Wis.	do	11,786	5	1	1			3				10					
Marquette, Wis.	do	16,195	3			2		3									
Marion, Ind.	do	17,337	3					1				1					
Marlboro, Mass.	do	13,609	5	2				1									
Massillon, Ohio.	do	11,944	6														
Medford, Mass.	do	18,244	10	2				1				2					
Melrose, Mass.	do	12,962	1	2				2		1					6		
Memphis, Tenn.	Mar. 6	102,320	44		2			6		1	1						
Do.	Mar. 13	102,320	42		1			5	1	3							
Mobile, Ala.	Mar. 6	38,469	22		3												
Montclair, N. J.	Mar. 13	13,962	7	2	1			2				11					
Montgomery, Ala.	Mar. 12	30,346	15		2												1
Moline, Ill.	Mar. 14	17,248	4					4	1			19	1				
Morristown, N. J.	Mar. 13	13,000	10			1											
Muncie, Ind.	do	20,942	5	1				2				5			3		
Nanticoke, Pa.	Mar. 14	12,616	4							1		3					
Nashville, Tenn.	Mar. 13	80,865	34		4					1							
Nebraska City, Nebr.	do	7,200	2														
Newark, N. J.	Feb. 27	246,070	119		25	3	1	45	2	24	4		1				
Do.	Mar. 13	246,070	111		14	4		61	3	31	1						2
New Bedford, Mass.	do	63,442	37	7	7					1		3			6		
Newburyport, Mass.	do	14,478	10		1					1							
New London, Conn.	do	17,548	5														
Newtown, Mass.	Mar. 13	33,587	6							5		4					
Niagara Falls, N. Y.	do	10,457	14		1	6	1	3				3					
Norristown, Pa.	do	22,265	13	6	2	1				1		5					
North Adams, Mass.	do	24,200	7	1	2												
Northampton, Mass.	do	18,643	15					1				19			4		
Oklahoma City, Okla.	Mar.	43,500	13		1	3				2	1						
Do.	Mar. 13	43,500	15					1									
Orange, N. J.	Mar. 15	24,141	7	2				2		3	1						



## FOREIGN AND INSULAR.

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### AUSTRALIA.

#### *Report from Brisbane—Examination of rodents for plague infection— Laboratory plague in animals at Mackay.*

The following information is taken from plague bulletins received from the Department of Public Health of Queensland:

Date of finding of last plague-infected rat, September 15, 1908.

Week ended January 30, 1909. Rodents destroyed, 540; examined, 447; plague rodents, 0. Week ended February 6. Rodents destroyed, 684; examined, 600; plague rodents, 0.

Week ended February 13. Rodents destroyed, 580; examined 482; plague rodents, 0.

*Mackay.*—On January 21 a man carrying on business at Mackay died in the local hospital. Post-mortem specimens obtained from the cadaver and forwarded to Brisbane, on preliminary bacteriological examination were found to be negative of plague. A guinea pig and mouse, however, were inoculated in the usual way, and on February 2 the government bacteriologist reported that the animals had died (6 days after inoculation) with typical post-mortem appearances of plague. An active search for rats is being conducted and all precautions taken at Mackay.

### BARBADOS.

#### *Reports from Bridgetown—Status of yellow fever.*

Consul Martin reports, February 25 and March 5: Since February 16, 7 more cases of yellow fever have been reported to this consulate, all in the country parishes. Five of these cases were colored persons, and all were native born. None are reported as having terminated fatally.

There have been reported, since December 12, 52 cases, 16 being fatal.

March 5: Since February 25 there have been only 2 cases of yellow fever reported. One occurred in a colored boy in an outlying district, the other in a white man in the city of Bridgetown. A case has occurred at Speightstown, on the west coast, 12 miles north of Bridgetown, the first to occur in that parish. The disease is abating. Official information states that 25 of the first 52 cases were fatal.

Sir Rupert Boyce, of England, arrived in the colony March 1. He saw a case on the next day and at once pronounced it yellow fever.

He sees no difficulty in stamping it out by destroying the mosquitoes. He approves of the sanitary measures already taken by the authorities, and more efficient action is being used to eradicate the source of infection.

#### BRAZIL.

#### *Reports from Rio de Janeiro—Inspection of vessels—Mortality—Plague and smallpox.*

Acting Assistant Surgeon Stewart reports, February 10 and 18:

Period from January 18 to February 10. Vessels inspected and received bills of health for United States ports: January 19 the German steamship *Gunther*, for New York, in coffee cargo, with no passengers from this port and no change in the crew personnel; January 22 the British steamship *Cervantes*, for New York, with coffee, no passengers and 2 new members of the crew signed on in this port; on January 23 the American barge *Clatsop*, in ballast, with no change in crew at this port and bound for Portland, Oreg.; on the same date the British steamship *Castilian Prince*, for New York, in coffee cargo, with no passengers, and no change in crew here; on January 26, for Honolulu, the American ship *Dirigo*, with cargo of coal in transit, no passengers and 12 new members of the crew taken here; January 26 the British steamship *Virgil*, for New Orleans, in coffee, no passengers and no change in the crew; on the same date the British steamship *Black Prince*, for New Orleans, in cargo of coffee, no passengers and no change in the crew; on January 27 the Belgian steamship *Cavour*, for New York, in cargo, with no passengers and 1 new member of crew taken on in this port; on January 28 the British steamship *Pontiac*, for New York, in coffee cargo, with no passengers and with no change in the crew here; January 30 the Brazilian steamship *Goyaz*, for New York, with coffee and miscellaneous cargo for coast ports, and with a new crew taken on here, all of whom were vaccinated, and with 34 cabin and 78 steerage passengers; February 2 the British steamship *Saxon Prince*, for New York, in coffee cargo, with no passengers and no change in crew; on the same date the Norwegian bark *Vaar*, for Port Arthur, Tex., in stone ballast, with no passengers and no change in the crew; February 3 the British steamship *Byron*, for New York, with coffee cargo, no change in crew and with 13 first-class and 12 steerage passengers, and on the same date the British steamship *St. Ursula*, bound for New York, putting in here for coal only, with no passengers and no change in crew and no communication other than with coal barge.

No other vessels left during the period under report bound for United States ports.

Week ended February 18. No transactions.

*Mortality, week ended January 24.*—Total deaths, 291. No deaths nor cases caused by yellow fever. Plague caused no deaths, but there were 6 new cases reported. Smallpox caused 34 new deaths and 34 new reported cases, of which number 11 were in the suburban zone. At the close of the week there were in the Hospital São Sebastião 67 cases of smallpox and 9 cases of plague under treatment; in the Hospital Engenho do Dentro, 18 cases of smallpox under

treatment; in the Hospital Paula Candido, 2 convalescent cases of smallpox.

*Week ended January 31.*—Total deaths, 321. No cases nor deaths due to yellow fever, and only 1 death due to plague. Smallpox caused 17 deaths, with 27 new reported cases, of which number 4 were in the suburban zone. At the close of the week there were in Hospital São Sebastião 48 cases of smallpox and 5 cases of plague, and in the Hospital Engenho do Dentro 18 cases of smallpox under treatment. There was 1 convalescent case in the Hospital Paula Candido.

*Week ended February 7.*—Total deaths during the week, 278. No deaths nor cases due to yellow fever. Smallpox caused 13 deaths, with 31 new reported cases, of which number 7 were in the suburban zone. Plague caused 1 death, with 3 new reported cases. At the close of the week there were in the Hospital São Sebastião 43 cases of smallpox and 5 cases of plague under treatment; in the Hospital Engenho do Dentro, 13 cases of smallpox under treatment.

*Week ended February 14.*—Total deaths, 354. Plague caused 1 death, with 4 new reported cases. Smallpox caused 18 deaths, with 29 new reported cases, of which number 3 belonged to the suburban zone. At the close of the week there were in the Hospital São Sebastião 42 cases of smallpox and 3 cases of plague under treatment, and at the Hospital Engenho do Dentro 7 cases of smallpox under treatment.

#### BRITISH GUIANA.

*Report from Georgetown*—*Parimaribo, Dutch Guiana, declared free from yellow fever.*

Consul Clare reports, February 13:

The consular agent at Paramaribo writes under date of February 10 that the governor of Dutch Guiana informs him officially that Paramaribo is now free of any quarantinable diseases, no new cases of yellow fever having occurred since January 18.

Clean bills of health are now being issued by the local authorities and the foreign consuls.

#### CHINA.

*Reports from Hongkong*—*Quarantine restrictions—Cholera, plague, and smallpox—Inspection of vessels—Examination of emigrants.*

Acting Assistant Surgeon Hough reports, February 8:

Restrictions enforced by and against Hongkong remain as reported December 26, 1908.

*Quarantinable diseases.*—Week ended January 2, 1909: Cholera, 1 case, 1 death; plague, 1 case, 1 death; January 9: Smallpox, 2 cases, 2 deaths; January 16: Cholera, 1 case, 1 death; January 23: Smallpox, 1 case.

*Inspection of vessels.*—Week ended January 2, 7; January 9, 6; January 16, 5; January 23, 7.

*Aliens examined for Honolulu and Pacific coast ports.*—Week ended January 2: Examined, 0; rejected, 0; January 9: Examined, 80; rejected, 15; January 16: Examined 167; rejected, 18; January 23: Examined, 2; rejected, 0.

*Aliens examined for Philippine Islands.*—Week ended January 2: Examined, 10; rejected, 2; January 9: Examined, 7; rejected, 5; January 16: Examined, 8; rejected, 3; January 23: Examined, 4; rejected, 1.

*Report from Shanghai—Inspection of vessels—Examination of emigrant—Plague in rats—Measures recommended.*

Acting Assistant Surgeon Ransom reports, February 9:  
During the week ended February 6, 3 supplemental and 1 original bill of health were issued to 3 steamships with an aggregate personnel of 633. There were inspected 3 vessels, 211 members of crews and 4 steerage passengers, and manifests were viséed for 3,419 pieces of freight. One emigrant for San Francisco was examined and passed.

Infected rats continue to be found in all sections of the city, but no human cases have been officially reported. It is stated by the French municipality that no plague infected rats have been found there.

Circulars have been sent out in the French concession cautioning inhabitants both native and foreign as to the necessity for and method of collecting dead rats, and squads of coolies are employed to perform this work.

Tientsin reports show 4 cases and 1 death from smallpox. The report is for the British and Japanese concessions only.

#### CUBA.

*Reports from Cienfuegos—Inspection of vessels.*

Acting Assistant Surgeon Suarez reports, March 8 and 15:

##### *Week ended March 7.*

Vessels inspected.....	9
Bills of health issued.....	9
Members of crews inspected.....	292
Passenger inspected (in transit).....	1

No quarantinable diseases were reported during the week.

##### *Week ended March 13.*

Vessels inspected.....	5
Bills of health issued.....	5
Members of crews inspected.....	142
Passengers inspected.....	84
Passengers landed.....	28

No quarantinable diseases were reported.

*Report from Habana—Inspection of vessels—Quarantine against Mexican ports continued.*

Passed Assistant Surgeon Amesse reports, March 15:

##### *Week ended March 13.*

Vessels inspected.....	23
Bills of health issued.....	26
Members of crews of outgoing vessels inspected.....	1,257
Passengers of outgoing vessels inspected.....	1,582

No cases of quarantinable disease have been reported in Cuba during the week. The quarantine against all Mexican ports continues.

*Report from Matanzas—Inspection of vessels.*

Acting Assistant Surgeon Nuñez reports, March 15:

Week ended March 13. Bills of health issued to 3 vessels clearing for United States ports in good sanitary condition. No quarantinable diseases were reported in this district during the week.

*Report from Santiago—Inspection of vessels.*

Acting Assistant Surgeon Wilson reports, March 9:

Week ended March 6. Bills of health issued to 4 vessels bound for the United States. No quarantinable disease reported.

ECUADOR.

*Reports from Guayaquil—Inspection and fumigation of vessels—Plague and yellow fever—Plague and plague measures in interior towns.*

Passed Assistant Surgeon Wightman reports, February 15 and March 1, through Passed Assistant Surgeon Lloyd:

During the 4 weeks ended February 6, bills of health were issued to 7 steamships, of which 5 were fumigated.

Quarantinable diseases were reported in Guayaquil as follows: Week ended January 16, 1 death from yellow fever, 2 deaths from plague; week ended January 23, 8 deaths from plague; week ended January 30, 2 deaths from yellow fever, 4 deaths from plague; week ended February 6, 7 deaths from yellow fever, 3 deaths from plague.

A case of plague occurred in Milagro January 18. The house in which it occurred was torn down and reconstructed and useless material burned. No further cases have been reported.

There have been 3 new cases of plague in Babahoyo, all from the same house. This house was burned.

Tolte, the Indian village reported as plague infected, has remained free from that disease since measures were instituted by the public health service of Ecuador, but 7 cases have occurred in the neighboring village of Nisag, about 5 miles from Tolte. The roofs are being removed from the infected houses and their interior surfaces burned over. As they are built of stone and adobe the damage resulting from this process is but slight.

A few cases of smallpox have appeared in Guamote, a village on the railroad somewhat over 100 miles from Guayaquil.

March 1. During the 2 weeks ended February 20, 4 steamships were fumigated.

As the rainy season progresses plague shows a disposition to increase. It was during the same season last year that the first cases of the disease were discovered. February 25 there were 32 cases in the lazaretto. The total mortality, however, is considerably less than at the corresponding period of last year. For the week ended February 13, 61 deaths from all causes were recorded for Guayaquil, of which number 6 resulted from plague and 4 from yellow fever. For

the week ended February 20, a total of 71 deaths was recorded, 3 being due to plague and 3 to yellow fever. No death from other quarantinable disease was reported.

## GERMANY.

*Report from Leipzig—Malaria—Measures for the extermination of mosquitoes.*

Consul Warner reports, February 16:

Many cases of malaria having recently occurred in sections of Leipzig adjacent to the four small streams which flow through the city, the city council has decided to adopt stringent measures to exterminate the mosquitoes (*Anopheles*) that spread the disease.

In order that the work of extermination may be thoroughly and systematically carried out, the city council has notified all householders in the infected sections of the city to carefully examine their houses or apartments for mosquitoes and to destroy any that may be found. Every household in the districts concerned has been furnished by the council with a circular, which, in addition to information as to the cause and spread of malaria, contains advice as to the best means of destroying the malaria mosquitoes. Certain dates have been specified between which the houses are to be searched and the mosquitoes destroyed. At the expiration of the time specified, inspectors appointed by the council will visit each house and apartment and make careful examinations to see that the work of exterminating mosquitoes has been properly carried out. Those who fail to comply with the regulations promptly and thoroughly will be subject to a fine.

## ITALY.

*Report from Naples—Inspection of vessels—Examination of emigrants—Smallpox in Naples.*

Assistant Surgeon Wollenberg reports, March 2:

*Vessels inspected at Naples and Palermo, week ended February 27.*

## NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Feb. 21	Antonio Lopez.....	New York.....	766	30	850
23	Taormina.....	Philadelphia.....	1,794	70	2,100
24	Deutschland.....	New York.....	219	15	380
24	Romanic.....	Boston.....	1,004	90	1,460
25	Principe di Piemonte.....	New York.....	993	50	1,580
25	Italia.....	do.....	508	30	750
26	Neckar.....	do.....	1,704	80	2,450
	Total.....		6,988	365	9,560

## PALERMO.

Feb. 26	Principe di Piemonte.....	New York.....	589	573	350
27	Italia.....	do.....	570	546	319
	Total.....		1,159	1,119	669

*Rejections recommended.*

NAPLES.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Suspected favus.	Other causes.	Total.
Feb. 21	Antonio Lopez.....	16	3	7	.....	5	31
23	Taormina.....	25	5	20	.....	10	60
24	Deutschland.....	7	1	3	.....	.....	11
24	Romanic.....	13	6	18	.....	4	41
25	Principe di Piemonte.....	20	2	2	.....	9	33
25	Italia.....	8	1	3	.....	2	14
26	Neckar.....	23	4	17	.....	8	52
	Total.....	112	22	70	.....	38	242

PALERMO.

Feb. 26	Principe di Piemonte.....	21	.....	26	.....	2	49
27	Italia.....	21	.....	21	.....	1	43
	Total.....	42	.....	47	.....	3	92

*Smallpox in Naples.*—During the week ended February 28, 20 cases of smallpox with 3 deaths were reported at the health office of the city of Naples.

JAPAN.

*Report from Yokohama—Examination of emigrants.*

Passed Assistant Surgeon Cumming reports:

Number of emigrants per steamship *Nippon Maru*, February 20: For San Francisco recommended for rejection, 1; held for observation, 1. For Honolulu, held for observation, 4.

Per steamship *Siberia*, February 27: For Honolulu, 1; held for observation, 3. For San Francisco, 2 held for observation.

Rejections and detentions were for trachoma.

*Reports from Kobe—Inspection of vessels—Examination and disinfection of emigrants—Plague in rats and rat fleas—Smallpox.*

Acting Assistant Surgeon Knight reports, February 16 and 23:

Week ended February 13. Supplemental bills of health granted to 4 steamships.

Fifty-three members of crews and 111 steerage passengers were inspected. Forty members of crews and 45 steerage passengers were bathed and disinfected. Their effects were disinfected by steam. The number of pieces of baggage steamed was 187, and of bedding 96. Manifests were viséed for 52,394 pieces of freight, amounting to 4,872 tons.

Emigrants were examined as follows: Steamship *Korea*, for Honolulu, passed 28, recommended for rejection 14; steamship *Korea*, for San Francisco, passed 2, recommended for rejection 3; steamship *Aki Maru*, for Seattle, passed 15, recommended for rejection 5.

The official returns for the week show plague found in rats and rat fleas in Kobe.

During the week ended February 20 supplemental bills of health were granted to 2 steamships.

There were inspected 91 members of crews and 53 steerage passengers. Eighteen steerage passengers were bathed and disinfected. Their effects were disinfected by steam. The number of pieces of baggage steamed was 46, and of bedding 36. Manifests were viséed for 9,567 pieces of freight, amounting to 1,371 tons.

Emigrants were examined as follows:

Steamship *Nippon Maru*, for Honolulu, passed 14, recommended for rejection 14; and steamship *Nippon Maru*, for San Francisco, passed 4, recommended for rejection 1.

The official returns of infectious diseases for the week show small-pox 4 cases and 1 death. It will be noticed that smallpox is reported for the first time since the disappearance of the epidemic last year. Three of these cases, however, are Hindus, members of the crew of a vessel recently visiting Kobe, while the fourth is a Japanese child.

*Report from Nagasaki—Examination of emigrants.*

Sanitary Inspector Bowie reports, February 13:

Number of emigrants per steamship *Nippon Maru* recommended for rejection: For Honolulu, 2; for San Francisco, 1.

MEXICO.

*Report from Mexico City—Yellow fever in vicinity of Merida.*

The following is received from the acting president of the superior board of health of Mexico, under date of March 16:

During the week ended March 13, 1 case, 1 death, of yellow fever occurred at San Bernardo plantation 9 kilometers distant from Merida.

*Reports from Coatzacoalcos—Inspection of vessels.*

Acting Assistant Surgeon Thompson reports, March 11:

Week ended March 10: Two steamships were inspected and granted bills of health. No cases of quarantinable disease have been reported.

*Summary of transactions of service, December 16, 1908–February 24, 1909, inclusive.*

Acting Assistant Surgeon Thompson reports, March 6:

Week ended December 16, 1908: Two vessels inspected. December 23, 1908, one vessel inspected. December 30, 1908, three vessels inspected; January 6, 1909, two vessels inspected; January 13, one vessel inspected; January 20, two vessels inspected; January 27, five vessels inspected; February 3, transactions published in Public Health Reports, February 19, page 214; February 10, two vessels inspected; February 17, one vessel inspected; February 24, two vessels inspected.

No unfavorable sanitary conditions were reported for any of these vessels.

PERU.

*Reports from Callao—Inspection and fumigation of vessels—Status of plague in Peru—Plague at Callao—Smallpox at Lima—Plague at Iquique, Chile.*

Acting Assistant Surgeon Gutierrez reports, February 18:

During the week ended February 6, 4 vessels were fumigated. They carried an aggregate personnel of 170 in the crew, and 97 cabin and 53 steerage passengers. One member of the crew from the British steamship *Coya* died at Callao from plague.

During the week ended February 13 bills of health were granted to 10 vessels of the United States Pacific fleet and 2 merchant vessels; the former were passed on statement of their medical officers and the latter fumigated prior to sailing. The merchant vessels carried an aggregate personnel of 113 in the crew, and 63 cabin and 52 steerage passengers.

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

Locality.	Cases January 29.	New.	Recov-ered.	Died.	Remain- ing Feb-ruary 4.
Lima.....	6	5	1	3	7
Callao.....	5	4		2	7
Chorrillos.....	1			1	
Trujillo (city).....	39	4	5	2	43
Trujillo (country).....					
Chepen.....	4	4	(*)	*1	*3
San Pedro.....	6	1	2	1	4
Ferreñafe.....	1		1		
Chiclayo.....		6		3	3
Mollendo.....	2	1			3
Motupe.....			2		
Catacaos.....	1				1
Chota.....	12	6	2	5	11
Zaña.....	2				2
Surco (Matucana).....		15	(*)	*9	4
Jayanca.....	12				12
Casma.....		1		1	

The figures with the sign (\*) have been miswired. Three plague patients ran away from the lazaretto at Chepen. There were 3 cases of smallpox in the lazaretto at Lima February 4. No cases of smallpox have been reported in Callao.

Since February 5, 4 cases of plague with 2 deaths have occurred at Callao.

Bills of health report plague in Chile as follows: February 1, 12 cases in the lazaretto at Iquique; 6 cases and 2 deaths in 2 weeks

PHILIPPINE ISLANDS.

*Reports from Manila—Smallpox—Cholera in the Provinces—Inspection of vessels.*

Chief Quarantine Officer Heiser reports, January 27 and February 2 and 9:

Week ended January 23. Six cases of smallpox with 4 deaths were reported for the city of Manila.

Cases and deaths from cholera occurring in the provinces of the Philippines during the week under report:

Province.	Cases.	Deaths.	Province.	Cases.	Deaths.
Rizal.....	22	15	Laguna.....	8	4
Bohol.....	12	9	Leyte.....	11	2
Capiz.....	31	40	Samar.....	2	.....
Cavite.....	1	1	Sorsogon.....	15	11
Cebu.....	2	1	Total.....	156	83
Pampanga.....	2	.....			

During the week consular bills of health were issued at the port of Manila as follows: January 18, the British steamship *Frankly*, with 40 in the crew and with one passenger, en route from New Castle to Zamboanga, was granted a supplemental bill of health. January 20, the British steamship *Keemun*, with 89 in the crew, en route from Liverpool to Seattle and Tacoma, was granted a supplemental bill of health after the usual inspection of cargo and personnel.

Week ended January 30. One case of smallpox with 1 death was reported for the city of Manila.

Provincial cholera cases and deaths reported to the bureau of health during the week:

Province.	Cases.	Deaths.	Province.	Cases.	Deaths.
Rizal.....	2	2	Isabela.....	2	.....
Bulacan.....	7	3	Pampanga.....	8	7
Bohol.....	29	13	Laguna.....	1	1
Capiz.....	33	21	Samar.....	4	2
Cavite.....	1	1	Sorsogon.....	6	6
Cebu.....	1	1	Total.....	96	58
Leyte.....	2	1			

January 25, the British steamship *Benledi*, with 42 in the crew, en route from Yokohama to Cebu, was granted a supplemental bill of health after the usual inspection.

Week ended February 6. Three cases of smallpox with no deaths were reported for the city of Manila.

Provincial cholera cases and deaths reported to the bureau of health during the week:

Province.	Cases.	Deaths.	Province.	Cases.	Deaths.
Bohol.....	4	3	Samar.....	6	3
Capiz.....	59	37	Sorsogon.....	25	19
Cebu.....	1	1	Total.....	119	73
Pampanga.....	22	9			
Laguna.....	2	1			

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

February 2 the British steamship *Changsha*, with 73 in the crew and with 41 passengers, en route from Hongkong to Zamboanga, was granted a supplemental bill of health. February 5 the British steamship *Atholl*, with 45 in the crew, was granted a bill of health for New York. The holds and storerooms were fumigated with sulphur. All persons on board were inspected at the hour of departure.

## PORTO RICO.

*Report from Ponce—Transactions of service, month of February, 1909.*

Acting Assistant Surgeon Ferrer-Torres reports, March 2, through Chief Quarantine Officer Grubbs:

Vessels inspected.....	16
Vessels disinfected.....	2
Vessels in quarantine.....	6
Passengers for Ponce:	
Incoming.....	150
In transit.....	766
Passengers in quarantine.....	27
Immigrants inspected.....	31
Rejections.....	0
Bills of health issued.....	36
Pieces of baggage disinfected.....	21

## RUSSIA.

*Report from Libau—Status of cholera in Russia—Examination of emigrants.*

Acting Assistant Surgeon De Forrest reports, March 5:

Reports of the status of cholera in Russia show for St. Petersburg from March 1 to 5, March 3 not included, 50 cases and 19 deaths; for Jaroslav from the beginning of the epidemic to March 1, 43 cases and 18 deaths. New cases and deaths were reported at Jaroslav and Rubinsk March 1.

The steamship *Lituania* sailed March 5. Five days previous to the sailing of the vessel 1,199 emigrants were examined. Of this number 928, the full number which the vessel could accommodate, sailed. They were reexamined on the day of sailing.

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

**AFRICA—Transvaal—Johannesburg.**—Two weeks ended February 6, 1909. Estimated population, 180,687. Total number of deaths, 122, including enteric fever 11, and 19 from tuberculosis.

**AUSTRALIA—Queensland—Brisbane.**—Month of December, 1908. Estimated population, 135,665. Total number of deaths, 145, including enteric fever 6, measles 1, and 13 from tuberculosis.

Month of January, 1909. Total number of deaths, 112, including enteric fever 3, diphtheria 1, and 10 from tuberculosis.

*Sydney.*—Month of December, 1908. Estimated population, 577,180. Total number of deaths, 531, including enteric fever 7, scarlet fever 1, diphtheria 2, and 36 from tuberculosis.

*State of Victoria, including the city of Melbourne.*—Six weeks ended February 6, 1909. Estimated population of State, 1,237,998; city, 526,400. Total number of deaths not reported. Deaths from contagious diseases were: Enteric fever 28, scarlet fever 1, and 10

from diphtheria. Cases: Enteric fever 572, scarlet fever 155, diphtheria 131.

**AUSTRIA-HUNGARY**—*Brunn*.—Month of January, 1909. Estimated population, 108,944. Total number of deaths, 246, including tuberculosis 46, diphtheria 1, whooping cough 2, and 1 from measles.

**BRAZIL**—*Ceara*.—Month of January, 1909. Estimated population, 55,000. Total number of deaths, 84, including enteric fever 5, whooping cough 1, and 10 from tuberculosis.

*Pernambuco*.—Month of January, 1909. Estimated population, 210,000. Total number of deaths, 596, including measles 1, smallpox 35, and 107 from tuberculosis.

*São Paulo, Santos, and Campinas*.—Six weeks ended February 7, 1909. Estimated population 300,000. Total number of deaths 1,212, including smallpox 16, measles 15, scarlet fever 4, diphtheria 5, enteric fever 8, whooping cough 4, and 98 from tuberculosis.

**CANADA**—*British Columbia*—*Vancouver*.—Month of February, 1909. Estimated population, 66,500. Total number of deaths, 51, including 7 from tuberculosis. Cases: Smallpox 3, measles 18, scarlet fever 13, diphtheria 1, whooping cough 12, and enteric fever 2.

*Quebec*—*Sherbrooke*.—Month of February, 1909. Estimated population, 15,000. Total number of deaths, 27, including enteric fever 1, and 3 from tuberculosis.

**CHILE**—*Punta Arenas*.—Month of January, 1909. Estimated population, 12,000. Total number of deaths, 36, including 7 from tuberculosis.

**COSTA RICA**—*San Jose*.—Month of January, 1909. Estimated population, 26,682. Total number of deaths, 83, including enteric fever 1, whooping cough 1, and 12 from tuberculosis.

**DUTCH GULANA**—*Paramaribo*.—Month of February, 1909. Estimated population, 34,962. Total number of deaths, 102. Causes of death not reported.

**FRANCE**—*Calais*.—Month of February, 1909. Estimated population, 80,000. Total number of deaths, 129, including enteric fever 2, diphtheria 2, measles 2, whooping cough 1, and 28 from tuberculosis.

*Marseille*.—Month of February, 1909. Estimated population, 517,498. Total number of deaths, 1,099, including diphtheria 3, enteric fever 26, measles 17, and 104 from tuberculosis.

*St. Etienne*.—Two weeks ended February 28, 1909. Estimated population, 150,000. Total number of deaths, 141, including diphtheria 1, scarlet fever 1, and 13 from tuberculosis.

*Nice*.—Month of January, 1909. Estimated population, 150,881. Total number of deaths, 296, including diphtheria 2, enteric fever 3, and 31 from tuberculosis.

*Toulon*.—Month of January, 1909. Estimated population, 105,000. Total number of deaths, 207, including typhus fever 4, and 1 from diphtheria.

**GREAT BRITAIN—*England and Wales.***—The deaths registered in 76 great towns in England and Wales during the week ended February 27, 1909, correspond to an annual rate of 19.1 per 1,000 population, which is estimated at 16,445,281.

***London.***—One thousand eight hundred and forty-nine deaths were registered during the week, including measles 94, scarlet fever 8, diphtheria 18, enteric fever 2, whooping cough 35, tuberculosis 158, and 14 from diarrhea. The deaths from all causes correspond to an annual rate of 19.9 per 1,000. In Greater London 2,621 deaths were registered. In the "outer ring" the deaths included 14 from measles, 1 from scarlet fever, 17 from diphtheria, whooping cough 2, and 1 from enteric fever.

***Ireland.***—The average annual death rate represented by the deaths registered during the week ended February 27, 1909, in the 21 principal town districts of Ireland was 23.0 per 1,000 of the population, which is estimated at 1,142,308. The lowest rate was recorded in Portadown, viz, 10.3, and the highest in Lurgan, viz, 31.0 per 1,000.

***Scotland.***—The deaths registered in 8 principal towns during the week ended February 27, 1909, correspond to an annual rate of 20.0 per 1,000 of the population, which is estimated at 1,839,038. The highest rate of mortality was recorded in Dundee, viz, 21.9, and the lowest in Leith, viz, 12.8 per 1,000. The aggregate number of deaths registered from all causes was 714, including measles 3, diphtheria 14, scarlet fever 3, enteric fever 6, and 40 from whooping cough.

**GREECE—*Patras.***—Two weeks ended February 28, 1909. Estimated population, 40,000. Total number of deaths, 27, including scarlet fever, 1, and 6 from tuberculosis.

**PANAMA—*Panama, Colon, and Canal Zone.***—Month of January, 1909. Estimated population, 126,999. Total number of deaths, 242, corresponding to an annual death rate of 22.86 per 1,000, including enteric fever 2, malarial fever 27, beriberi 5, measles 1, and 24 from tuberculosis. Of this number 39 occurred among the employees of the Isthmian Canal Commission and Panama Railroad Company, corresponding to an annual death rate of 10.98 per 1,000, of which 7.89 per 1,000 was due to disease, including malarial fever 4, enteric fever 1, and 3 from tuberculosis. Total number of employees, 42,607.

**RUSSIA—*Odessa.***—Period from October 17 to December 26, 1908. Estimated population, 467,000. Total number of deaths, 2,043, including enteric fever 74, scarlet fever 80, diphtheria 34, measles 6, whooping cough 13, tuberculosis 279, typhus fever 1, and 6 from smallpox.

**TASMANIA—*Hobart.***—Month of December, 1908. Estimated population, 184,008. Total number of deaths, 172, including diphtheria 1, and 15 from tuberculosis.

**WEST INDIES—Curaçao.**—Month ended March 5, 1909. Estimated population, 30,400. Total number of deaths, 44. Cause of deaths not reported.

**St. Thomas.**—Annual report for the year 1908. Estimated population, 11,000. Total number of deaths, 314, including diphtheria 2, tuberculosis pulmonary 27, enteric fever 3, and 3 from whooping cough.

*Cholera, yellow fever, plague, and smallpox, from December 26, 1908, to March 26, 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. 13.....		166	
Madras.....	Nov. 14-Feb. 12.....		53	
Negapatam.....	Oct. 31-Nov. 6.....		1	
Rangoon.....	Nov. 8-Feb. 13.....		36	
Indo-China—Cholera	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. 6.....	118	75	
Bulacan.....	Nov. 1-Jan. 30.....	88	70	
Capayan.....	Nov. 1-Jan. 16.....	114	67	
Capiz.....	Nov. 1-Feb. 6.....	1,229	678	
Cavite.....	Nov. 1-Jan. 30.....	107	78	
Cebu.....	Dec. 20-Feb. 6.....	21	15	
Ilocos Norte.....	Nov. 1-Jan. 16.....	335	235	
Ilocos Sur.....	Nov. 1-Jan. 2.....	207	140	
Iloilo.....	Nov. 1-Jan. 16.....	293	154	
Isabela.....	Jan. 24-30.....	2		
La Laguna.....	Nov. 1-Feb. 6.....	87	55	
Leyte.....	Nov. 1-Jan. 30.....	155	124	
Negros Occidental.....	Nov. 1-Jan. 16.....	272	175	
Palawan.....	Nov. 1-Dec. 19.....	10	5	
Pampanga.....	Nov. 1-Feb. 6.....	62	41	
Rizal.....	Nov. 1-Jan. 30.....	245	216	
Samar.....	Nov. 1-Feb. 6.....	160	107	
Sorsogon.....	Jan. 10-Feb. 6.....	66	45	
Surigao.....	Nov. 15-Jan. 12.....	7	4	
Union.....	Nov. 1-Jan. 12.....	12	8	
Zambales.....	Dec. 6-12.....	3	3	
Russia, general.....	Nov. 15-Feb. 20.....	4,024	1,600	Dec. 1, 3 cases are reported present at Riga. From 1 to 4 cases are reported weekly from the following places: Schuscka, Dnjeprrowsk (Simferopol), Bijsk, Smeinogorsk, Barfouli, Pokrowsk, Jusowska, Etschmadsin, and Dorpat.
Akmolinsk.....	Nov. 15-Jan. 23.....	34	13	
Bakou.....	Nov. 22-28.....	3	2	
Batoom.....	Nov. 15-21.....	4	2	
Cronstadt.....	Nov. 15-Jan. 16.....	3	1	
Don, territory of.....	Nov. 15-Feb. 20.....	188	96	
Ekaterinislav.....	Nov. 15-Dec. 26.....	27	11	
Erivan.....	Dec. 1-31.....	28	21	
Hel싱fors.....	Jan. 10.....	2		In vicinity.
Jaroslav.....	Feb. 7-Mar. 1.....	43	18	
Kerson.....	Nov. 15-Dec. 19.....	2		
Kharkov.....	Dec. 6-12.....	1		
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 Brownitzka.
Moscow.....	Jan. 17-23.....	1	1	Imported.

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

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Russia—Continued.</b>				
Odesa.....	Nov. 29-Dec. 12.....	2	2	
Olonets.....	Nov. 21-23.....	1	1	
Poltava.....	Nov. 29-Dec. 5.....	3	7	
Samara gov't dist.....	Nov. 29-Dec. 5.....	7	7	
Samarcand.....	Dec. 6-12.....	10	7	In vicinity.
Sarajov.....	Nov. 15-Dec. 12.....	11	6	
Semipalatinsk, territory of.....	Dec. 19-26.....	1	1	
Stavropol.....	Nov. 15-21.....	1	1	
St. Petersburg, government.....	Nov. 15-Feb. 20.....	14	8	
St. Petersburg.....	Nov. 29-Feb. 20.....	1,833	588	Mar. 5, 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	
Tver, district.....	Nov. 15-Dec. 5.....	4	1	
Volgoda.....	Dec. 6-12.....	1	1	
Yellsavetpol.....	Nov. 28-Dec. 5.....	5	10	
<b>Siam:</b>				
Bangkok.....	Nov. 1-Dec. 5.....	1	1	
<b>Straits Settlements:</b>				
Singapore.....	Nov. 8-Jan. 23.....		161	

## YELLOW FEVER.

Barbados, general.....	Dec. 12-Mar. 6.....	49	16	Including the parishes of St. Andrew, St. Lucy, and St. Joseph.
Bridgetown.....	Dec. 12-Mar. 7.....	9	1	
Speightstown.....	Mar. 7.....	1	1	
<b>Brazil:</b>				
Bahia.....	Nov. 15-Feb. 13.....	104	34	
Manaos.....	Nov. 29-Feb. 20.....		10	
Para.....	Nov. 22-Feb. 27.....		38	
Pernambuco.....	Nov. 15-30.....		1	
<b>Colombia:</b>				
Cartagena.....	Jan. 8-14.....	1	1	
<b>Cuba:</b>				
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	1	
<b>Dutch Guiana:</b>				
Paramaribo.....	Dec. 1-Jan. 27.....	32	8	
<b>Ecuador:</b>				
Guayaquil.....	Nov. 29-Feb. 20.....		26	
<b>Martinique:</b>				
Fort de France.....	Dec. 13-Jan. 30.....	3	1	
<b>Mexico:</b>				
Itzincal 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. 13.....	5	3	
Sodzil plantation.....	Dec. 13-Jan. 2.....	7	5	
Ticul.....	Feb. 1-Mar. 6.....	2	1	
Veracruz.....	Dec. 6-Feb. 13.....	13	6	
<b>Trinidad:</b>				
Port of Spain.....	Jan. 20.....		1	

## PLAGUE.

<b>Azores:</b>				
Terceira.....	Jan. 25-Feb. 9.....	9	1	
<b>Australia:</b>				
Brisbane.....	Nov. 1-7.....	1	1	
<b>Brazil:</b>				
Bahia.....	Nov. 15-Feb. 13.....	45	24	
Para.....	Jan. 24-Feb. 6.....		2	
Pernambuco.....	Nov. 1-Dec. 31.....		10	
Rio de Janeiro.....	Nov. 16-Feb. 14.....	64	34	
<b>Chile:</b>				
Iquique.....	Nov. 22-Feb. 1.....	28	5	Feb. 1, 12 cases in the lazaretto.

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

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>China:</b>				
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.....	.....	.....	Still present.
Tongshan.....	Nov. 1-14.....	.....	.....	Present.
<b>Ecuador:</b>				
Babahoyo.....	Jan. 16.....	3	.....	
Guayaquil.....	Nov. 29-Feb. 27.....	.....	46	
Milagro.....	Nov. 17-Jan. 18.....	18	8	
Nisag.....	Jan. 16.....	7	.....	
Tolte.....	Dec. 25-Jan. 17.....	30	20	
<b>Egypt:</b>				
Alexandria.....	Nov. 14-Dec. 4.....	3	.....	
Port Said.....	Dec. 4.....	1	.....	
Suakim.....	Feb. 1.....	1	.....	On ss. Huriet II.
<b>Provinces—</b>				
Assiout.....	Dec. 2-Jan. 13.....	5	5	
Beherach.....	Nov. 24-Dec. 26.....	11	6	
Dakaklieh.....	Feb. 4.....	1	1	
Galyoobeeyeh.....	Nov. 21-Feb. 2.....	3	.....	
Garbleh.....	Nov. 27-Jan. 28.....	4	2	
Girgeh.....	Oct. 18-Feb. 1.....	6	6	
Garbleh.....	Nov. 27-Jan. 28.....	4	2	
Garbleh.....	Nov. 27-Jan. 28.....	4	2	
Fayoum.....	Nov. 23-Dec. 1.....	1	1	
Menouf.....	Nov. 27-Jan. 17.....	155	35	
Minieh.....	Nov. 25-Jan. 27.....	4	.....	
<b>India:</b>				
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	
<b>Indo-China:</b>				
Cholen.....	Oct. 25-Dec. 19.....	12	11	Including Chuquan.
Saigon.....	Oct. 25-Jan. 30.....	12	11	
<b>Japan:</b>				
Formosa.....	Nov. 8-Feb. 13.....	85	63	Cases in February in central part.
Kagi, prefecture.....	Jan. 16.....	5	.....	
Higo.....	.....	.....	.....	Year 1908, 219 cases additional.
Kagoshima.....	Feb. 6.....	1	.....	From s. s. Shinkochi.
Kobe.....	Jan. 20.....	2	2	
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 s. s. Shinkochi Maru.
Yura.....	.....	116	83	Year 1908.
Mauritius.....	Oct. 2-Jan. 7.....	.....	94	
<b>Peru:</b>				
Callao.....	Nov. 13-Feb. 4.....	21	8	
Casma.....	Feb. 4.....	1	1	
Catacaos.....	Dec. 11-Jan. 14.....	4	.....	
Chorrillos.....	Jan. 22-Feb. 4.....	2	2	
Chepen.....	Nov. 27-Feb. 4.....	17	3	
Chiclayo.....	Nov. 13-Feb. 4.....	32	18	
Chota.....	Jan. 22-Feb. 4.....	7	7	
Eten.....	Nov. 13-Dec. 31.....	11	10	
Ferrenafe.....	Nov. 13-Dec. 24.....	9	3	
Jayanca.....	Feb. 4.....	12	.....	
Lima.....	Nov. 13-Feb. 4.....	43	16	
Mollendo.....	Nov. 13-Feb. 4.....	9	3	
Monsefu.....	Nov. 13-Dec. 24.....	7	2	
Motupe.....	Dec. 17-Jan. 14.....	2	.....	
Oyotun, plantation.....	Nov. 20.....	4	.....	
Paíta.....	Dec. 11-17.....	3	2	
Piura.....	Dec. 11-Jan. 14.....	6	4	
San Jose (Lambayeque).....	Nov. 13-Dec. 3.....	2	.....	
San Pedro.....	Nov. 13-Feb. 4.....	24	17	

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

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Peru—Continued.</b>				
Surco, Matucana.....	Feb. 4.....	15	.....	
Trujillo.....	Nov. 13-Feb. 4....	140	59	
Zaña.....	Jan. 14-28.....	2	2	
<b>Siam:</b>				
Bangkok.....	Sept. 27-Dec. 26..	12	6	Present in November.
<b>Straits Settlements:</b>				
Singapore.....	Nov. 30-Dec. 5....	1	.....	
<b>Turkey in Asia:</b>				
Bagdad.....	Nov. 6-Feb. 5.....	14	7	
Beirut.....	Dec. 17-Jan. 9....	5	5	
Jiddah.....	Dec. 12-Feb. 28..	82	74	
Zanzibar.....	Nov. 10.....	1	1	

SMALLPOX.

<b>Algeria:</b>				
Algiers.....	Dec. 1-Feb. 28....	.....	78	Imported.
<b>Arabia:</b>				
Aiden.....	Nov. 25-Feb. 15..	.....	73	
<b>Argentina:</b>				
Buenos Aires.....	Oct. 1-Dec. 31....	.....	2	
<b>Australia:</b>				
New South Wales— Newcastle.....	Nov. 1-30.....	1	.....	
<b>Austria:</b>				
Bohemia.....	Feb. 7-13.....	7	.....	
Galicia.....	Dec. 20-Jan. 23..	8	.....	
Silesia.....	Jan. 3-9.....	1	.....	
<b>Brazil:</b>				
Bahia.....	Nov. 15-Feb. 13..	278	21	
Para.....	Feb. 14-27.....	2	1	
Pernambuco.....	Nov. 1-Jan. 31....	.....	97	
Rio de Janeiro.....	Nov. 16-Feb. 14..	1,252	611	
Santos.....	Nov. 1-Dec. 20....	.....	10	
São Paulo.....	Nov. 1-Feb. 7....	.....	52	
<b>British Honduras:</b>				
Stann Creek.....	Feb. 5-Mar. 10....	6	1	32 miles south of Belize
<b>British South Africa:</b>				
Cape Town.....	Dec. 28-Jan. 2....	4	.....	
<b>Canada:</b>				
<b>British Columbia—</b>				
Vancouver.....	Dec. 1-Feb. 28....	4	.....	
Victoria.....	Dec. 12-Feb. 28..	28	4	
<b>Manitoba—</b>				
Winnipeg.....	Dec. 20-Jan. 20....	6	.....	
<b>Ontario, Province, general.</b>				
Hamilton.....	Dec. 1-31.....	118	.....	
Toronto.....	Jan. 17-23.....	1	.....	
Toronto.....	Nov. 8-28.....	7	.....	
<b>Nova Scotia—</b>				
Halifax.....	Dec. 13-Mar. 13..	57	.....	
Tusketwedge.....	Feb. 13.....	1	.....	
Yarmouth.....	Dec. 1-Feb. 27....	46	.....	And vicinity.
<b>Quebec—</b>				
Montreal.....	Dec. 26-Jan. 2....	1	.....	
<b>Ceylon:</b>				
Colombo.....	Nov. 1-21.....	62	13	
<b>Chile:</b>				
Talcahuana.....	Nov. 20-Jan. 28..	.....	.....	Present in vicinity.
Valparaiso.....	Dec. 6-19.....	2	.....	
<b>China:</b>				
Amoy.....	Oct. 11-Nov. 8....	.....	2	Dec. 19, still present.
Hongkong.....	Jan. 3-30.....	4	2	
Shanghai.....	Nov. 11-Feb. 14..	4	3	3 cases Nov. 11-Dec. 28 from U. S. transport Seward.
Tientsin.....	Jan. 17-30.....	9	2	
<b>Cuba:</b>				
Cienfuegos.....	Mar. 6.....	1	.....	
Habana.....	Dec. 26-Jan. 19..	3	.....	Case Dec. 26 on s. s. Floride, case Jan. 19 on s. s. Alfonso XIII.
<b>Ecuador:</b>				
Guamote.....	Jan. 16.....	.....	.....	Present.
Manglar Alto.....	Jan. 17.....	.....	.....	Epidemic.
<b>Egypt, general.</b>				
Alexandria.....	Nov. 12-Jan. 28..	605	138	
Alexandria.....	Nov. 26-Jan. 28..	27	17	
Cairo.....	Nov. 19-Feb. 18..	330	140	

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

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
France:				
Marseille	Dec. 1-Jan. 31		2	
Nice	Jan. 1-31	1		
Paris	Nov. 22-Feb. 20	32	2	
Toulon	Jan. 1-31	1		
Germany, general	Nov. 19-Feb. 27	35		
Bremen	Jan. 16-23	2		
Breslau	Dec. 20-26	1		
Brunswick	Feb. 16-20	1		
Königsberg	Jan. 9	1		
Greece:				
Athens	Nov. 22-Jan. 2		4	
Patras	Dec. 16-31	1	1	
Great Britain:				
Bristol	Dec. 13-Mar. 6	20	4	
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-Feb. 23		106	
Calcutta	Nov. 1-Feb. 13		810	
Madras	Nov. 28-Feb. 19		10	
Rangoon	Nov. 22-Feb. 13		20	
Indo-China:				
Cholon	Nov. 15-Dec. 5	6	5	
Saigon	Nov. 1-Jan. 30	11	8	
Italy, general	Nov. 30-Feb. 28	165		
Catania	Feb. 28	1		
Cinquefrondi	Jan. 15-21	13		
Florence	Nov. 24-30	2		
Genoa	Dec. 1-Jan. 15	3		
Naples	Dec. 7-Feb. 23	259	51	Jan. 18, 1 case on s. s. Europa.
Palermo	Jan. 24-Feb. 27	9	2	Epidemic.
Polesella	Dec. 1			
Tatrinoli	Jan. 15-21	2		
Japan:				
Formosa	Nov. 29-Jan. 16	10		
Kobe	Feb. 14-20	4	1	
Tokyo	May 8-Dec. 31	314		
Java:				
Batavia	Nov. 1-Feb. 6	43	3	
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		
Guadalajara	Jan. 7-Feb. 25	5	3	
Mexico City	Nov. 8-Feb. 14		80	
Monterey	Jan. 4-Mar. 7		9	
Salina Cruz	Jan. 1-15	5		
Tehuantepec	Jan. 28-Feb. 3			Present.
Veracruz	Dec. 13-Feb. 27	4	2	
Yucatan, Camp Mengel	Dec. 21	1		
Moluccas Islands	Dec. 12			Do.
Netherlands, The:				
Rotterdam	Jan. 10-16	1		
Newfoundland	Feb. 9-13			Epidemic on south coast.
St. Johns	Jan. 10-Feb. 13	7		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.
Meehedisser	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. 4, 3 cases in the lazaretto.
Salaverry	Nov. 19-25		1	
Philippine Islands:				
Cebu	Nov. 1-Feb. 6	21	11	Third quarter, 1908, 84 cases, 38 deaths.

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

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Porto Rico: Mayaguez.....	Dec. 20-Jan. 2.....	2		
Portugal: Lisbon.....	Nov. 30-Feb. 20.....	23		One case, Jan. 27, from s. s. Aragon.
Russia: Batoom.....	Dec. 1-31.....	1		
Moscow.....	Nov. 29-Feb. 13.....	214	81	
Odessa.....	Oct. 4-Feb. 27.....	58	12	
Reval.....	Jan. 1-31.....	1		
Riga.....	Nov. 29-Feb. 20.....	11		
St. Petersburg.....	Nov. 15-Feb. 20.....	89	29	
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		
Slam: Bangkok.....	Nov. 1-30.....			Present.
Siberia: Vladivostok.....	Dec. 14-20.....	1		
Spain: Almeria.....	Jan. 1-31.....		1	Apr. 1-Dec. 31, 1908, 9 cases.
Barcelona.....	Dec. 6-Feb. 23.....		24	
Cartagena.....	July 1-31.....		15	
Madrid.....	Nov. 1-Jan. 31.....		35	
Valencia.....	Nov. 29-Feb. 26.....	54	5	
Vigo.....	Nov. 30-Feb. 27.....		10	
Straits Settlements: Singapore.....	Dec. 28-Jan. 23.....		3	
Switzerland: Zurich.....	Feb. 21-27.....	3		
Tripoli: Tripoli.....	Feb. 13.....	4		
Turkey in Asia: Adalia.....	Sept. 24-27.....		2	Present.
Bagdad.....	Feb. 13.....			Do.
Bassorah.....	Jan. 3-Feb. 20.....			Jan. 5, epidemic.
Smyrna.....	Oct. 7-Jan. 21.....		60	
Turkey in Europe: Constantinople.....	Dec. 7-Feb. 28.....		56	
Trebizond.....	Feb. 7-20.....			Present.
Uruguay: Montevideo.....	Dec. 1-31.....		1	

*Weekly mortality table, foreign and insular cities.*

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Aberdeen.....	Feb. 27	178,210	55									2	3	5
Acapulco.....	Feb. 21	4,700	8											
Aden.....	Feb. 8	43,794	35	4				3						
Do.....	Feb. 15	43,794	38	4				4						
Aguascalientes.....	Mar. 6	40,000	44	2							1	1	1	
Amsterdam.....	Feb. 27	566,256	137	18						1			3	2
Antwerp.....	Feb. 20	323,921	91	7							1	1		
Asuncion.....	Jan. 9	75,000	26	1						2				
Do.....	Jan. 16	75,000	23	1						1				
Athens.....	Feb. 20	241,058	100	11									2	
Bagdad.....	Jan. 30	250,000			2									
Do.....	Feb. 6	250,000			1									
Bahia.....	Jan. 23	265,000	92	14	2		5			1				
Do.....	Jan. 30	265,000	86	11	7		3	1						
Do.....	Feb. 6	265,000	99	10	3		4	2						
Do.....	Feb. 13	265,000	91	15	1		4	2						

Weekly mortality table, foreign and insular cities—Continued.

Cities	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—															
				Tuberculosis.	Plague	Cholera	Yellow fever	Smallpox	Typhus fever.	Enteric fever	Scarlet fever.	Diphtheria	Measles.	Whooping cough.					
Barranquilla	Feb. 20	40,000	12	1															
Do	Feb. 27	40,000	12	1															
Basel	Feb. 20	131,000	32	4															
Do	Feb. 27	131,000	49	4															
Belfast	do	386,576	156	37															
Bergen	do	87,749	24	2															
Birmingham	do	558,336	279																
Bluefields	do	2,500	1																
Bombay	Feb. 16	977,822	702	48															
Bradford	Feb. 27	293,983	124	9	45	2		14											
Bremen	Feb. 20	234,169	74	14															
Do	Feb. 27	234,169	64	4															
Breslau	Feb. 20	335,186	182	36															
Bristol	Feb. 27	377,642	113																
Brussels	Feb. 20	704,975	186	17															
Do	Feb. 27	704,975	203	27															
Calcutta	Feb. 6	847,796	708	30	10	12		202											
Christiania	Feb. 20	235,000	62																
Do	Feb. 27	235,000	57																
Cienfuegos	Mar. 6	370,000	16																
Cognac	Feb. 28	19,483	1																
Do	Mar. 4	19,483	1																
Colon	Feb. 28	16,000	8																
Do	Mar. 7	16,000	9																
Constantinople	Feb. 28	1,000,000	463	53															
Copenhagen	Feb. 13	447,000	127	14															
Damascus	Feb. 20	250,000	50																
Denia	do	12,431	5																
Dresden	Feb. 27	545,900	149	29															
Dublin	Feb. 20	394,525	211	43															
Dundee	do	169,409	70																
Do	Feb. 27	169,409	68																
Durban	Feb. 6	60,972	10	1															
East London	Jan. 30	49,253	9																
Do	Feb. 6	49,253	5																
Edinburgh	Feb. 20	355,366	121	13															
Do	Feb. 27	355,366	146	16															
Fiume	Feb. 28	50,811	40	12															
Flushing	Feb. 27	21,208	5																
Frontera	do	9,000	5																
Geneva	Feb. 13	118,500	37																
Georgetown	Feb. 6	56,000	24																
Do	Feb. 13	56,000	78																
Ghent	Feb. 20	164,579	75	3															
Gibraltar	Feb. 21	26,830	5																
Do	Feb. 28	26,830	11																
Glasgow	Mar. 5	872,021	352																
Gothenburg	Feb. 27	162,200	41	7															
Guadalajara	Feb. 25	125,000	86																
Do	Mar. 4	125,000	70																
Halifax	Mar. 5	40,757	15	2															
Hamilton, Bermuda	Mar. 8	20,206	5																
Havre	Feb. 20	133,430	77	18															
Hongkong	Jan. 9	315,616																	
Do	Jan. 16	315,616																	
Do	Jan. 23	315,616																	
Hull	Feb. 27	275,552	87																
Lausanne	Feb. 13	56,000	17																
Leeds	Feb. 27	484,012	147	12															
Libau	Feb. 21	90,000																	
Do	Feb. 28	90,000																	
Liege	Feb. 20	175,870	63	5															
Liverpool	Feb. 27	760,357	302	29															
Leith	Feb. 20	85,721	24	6															
Do	Feb. 27	85,721	21	4															
London	do	4,833,938	1,849	158															
Lubeck	do	96,000	35	2															
Lyon	Feb. 20	472,114	230	40															
Do	Feb. 27	472,114	239	28															
Madras	Feb. 12	509,346	373																
Manaos	Feb. 6	54,000	23	5															
Do	Feb. 13	54,000	28	7															
Do	Feb. 20	54,000	31	2															

a Total deaths include returns from hospital for two weeks.

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Manchester	Feb. 27	631,533	277	29						3	2	3	13	5
Manzanillo	Mar. 6	1,700	2											
Matamoras	do.	8,000	5	3										
Masatlan	Feb. 28	22,000	13											
Milan	Feb. 14	900,000	265	26						2	1	3	4	
Moncton, N. B.	Mar. 6	13,500	3											
Monrovia	Jan. 23	7,000	5											
Do.	Jan. 30	7,000	5											
Do.	Feb. 6	7,000	3											
Do.	Feb. 13	7,000	6											
Monterey	Mar. 7	100,000	66	6				1		3				
Montreal	Mar. 6	378,856	148	16						1	3	1	2	
Munich	Feb. 20	566,000	189	30						1	3	2	10	3
Nagasaki	Feb. 7	175,936	48	7										
Nantes	Jan. 2	161,908	55	10						1			1	
Do.	Feb. 21	161,908	81	14										
Do.	Feb. 28	161,908	83	17										
Naples	Jan. 23	593,729	277									4		
Do.	Jan. 30	593,729	312					8				1		
Do.	Feb. 6	593,729	301					5						
Do.	Feb. 13	593,729	298					1				1		
Do.	Feb. 20	593,729	305					5				1		
Newcastle-on-Tyne	Feb. 27	281,584	105	14								1	1	
Nottingham	Feb. 20	260,000	99									2	4	3
Do.	Feb. 27	260,000	102									6	6	7
Nuevo Laredo	Mar. 6	8,000	6											
Odessa	Jan. 2	467,000	166	32			2		3	3	6	2	1	1
Do.	Feb. 20	467,000	185	39					3		5	2	1	1
Do.	Feb. 27	467,000	199					4		5	9	4	1	
Ottawa	do.	80,200	13											
Do.	Mar. 6	80,200	32											
Palermo	Feb. 6	330,000	156	10				2			2		1	
Do.	Feb. 13	330,000	157	7							3			
Do.	Feb. 20	330,000	165	12							1	1	1	
Do.	Feb. 27	330,000	178	5							2	2	1	
Para	Feb. 13	185,000	89	9			7							
Do.	Feb. 20	185,000	72	5			3							
Do.	Feb. 27	185,000	112	13			1	1						
Paris	Feb. 20	2,776,397	1,117	212						4	4	6	3	3
Penang	Jan. 23	102,520	75	13										
Do.	Jan. 30	102,520	86	19						1				
Do.	Feb. 6	102,520	78	14										
Port Elizabeth	Feb. 5	32,859	17	1										
Do.	Feb. 12	32,859	12	3						1		1		
Port of Spain	Jan. 30	60,000	33	6							2			
Do.	Feb. 6	60,000	15	1							1			
Do.	Feb. 13	60,000	36	7										
Progreso	Feb. 27	5,000	7											
Queenstown	do.	7,684	4											
Rangoon	Feb. 6	252,155	200	7		14	13		3					
Rio de Janeiro	Jan. 24	811,443	291	71				34				1	1	
Do.	Jan. 31	811,443	321	67		1		17		1		1	3	2
Do.	Feb. 7	811,443	278	61		1		13		4		1	3	1
Do.	Feb. 14	811,443	354	65		3		18		1		1	1	1
Rotterdam	Feb. 27	412,354	134								1			
Saigon	Jan. 30	208,000				2			1					
St. John, N. B.	Mar. 13	40,711	16	2										
St. Petersburg	Feb. 13	1,678,000	968	151			44		1	2	15	32	19	20
San Felix de Guixols	Feb. 27	11,094	9	1										
Santa Cruz de Tenerife	Feb. 20	46,000	14	2									1	
Do.	Feb. 27	46,000	11	1										
Sheffield	Feb. 21	440,000	166	23						3	2	1	19	2
Do.	Feb. 27	440,000	172	19						2	2	2	33	3
Southampton	Feb. 27	124,667	48	2						1				1
South Shields	do.	117,627	39	4							1			
Stettin	do.	230,000	73	7										
Stockholm	Feb. 13	337,460	89	18							2	1		1
Suez	Jan. 29	19,786	9											
Do.	Feb. 4	19,786	12											
Do.	Feb. 11	19,786	8											
Do.	Feb. 18	19,786	8											

\* Reported out of date.

## Weekly mortality table, foreign and insular cities.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—											
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.	
Sunderland.....	Feb. 27	159,137	69	4								1	1	12	2
Tientsin.....	Feb. 6	1,000,000	10	2											
Turin.....	Feb. 20	351,438	176	16									1	1	
Valencia.....	do.....	250,000	150	8				1			1				
Vevey.....	Feb. 13	14,000	2												
Vienna.....	Feb. 20	2,042,426	743	101						1	12	15	14	3	
Do.....	Feb. 27	2,042,426	773	138						1	16	12	13	6	
Victoria, B. C.....	Mar. 6	30,000	7												
Vigo.....	Feb. 20	40,000	14	3									1		
Do.....	Feb. 27	40,000	17					1							
Warsaw.....	Jan. 16	751,595	314	41				6			8		1	4	2
West Hartlepool.....	Feb. 27	66,750	32							1			1		
Winnipeg.....	Mar. 6	118,000	35							1			1		
Zanzibar.....	Jan. 31	75,000	36	6											
Do.....	Feb. 7	75,000	18	5											
Zurich.....	Feb. 27	180,000	41	7									1		1

By authority of the Secretary of the Treasury:

WALTER WYMAN,

Surgeon-General,

United States Public Health and Marine-Hospital Service.