

# PUBLIC HEALTH REPORTS.

## UNITED STATES.

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

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

### Passed Assistant Surgeon Blue reports:

#### SAN FRANCISCO, CAL.

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

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

*Week ended January 30, 1909.*

Sick inspected .....	7
Plague .....	0
Dead inspected .....	118
Plague .....	0
Necropsy held .....	1
Premises inspected .....	10, 145
Houses disinfected .....	11
Houses destroyed .....	3
Nuisances abated .....	712
Rats found dead .....	66
Rats trapped .....	2, 126
Total rats taken .....	2, 192
Rats identified:	
Mus norvegicus .....	1, 442
Mus rattus .....	48
Mus musculus .....	653
Total .....	2, 143
Rats identified as to sex .....	1, 445
Male .....	601
Female .....	844
Rats examined bacteriologically .....	1, 326
Plague rats .....	0
Poisons placed .....	79, 818

#### 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 January 30, 1909.*

Dead inspected.....	24
Plague.....	0
Necropsies held.....	3
Premises inspected.....	820
Nuisances abated.....	160
Premises cleaned.....	138
Garbage cans installed.....	138
Places made rat proof.....	3
Rats found dead.....	35
Rats trapped.....	585
Rats examined bacteriologically.....	620
Plague rats.....	0
Mice trapped.....	38
Mice examined bacteriologically.....	38
Plague mice.....	0
Poisons placed.....	8, 393

## POINT RICHMOND, CAL.

*Week ended January 30.*

Premises inspected.....	490
Nuisances abated.....	31
Rats found dead.....	14
Rats trapped.....	45
Rats examined bacteriologically.....	43
Plague rats.....	0
Mice trapped.....	3
Mice examined bacteriologically.....	3
Plague mice.....	0
Gophers trapped.....	1
Gophers examined bacteriologically.....	1
Plague gophers.....	0

## ALAMEDA COUNTY, CAL.

*Week ended January 30.*

Sick inspected.....	12
Plague.....	0
Dead inspected.....	54
Plague.....	0
Necropsies held.....	5

## CONTRA COSTA COUNTY, CAL.

*Week ended January 30.*

Dead inspected.....	1
Plague.....	0
Ranches inspected.....	42
Ranches found free of squirrels.....	4
Ranches poisoning squirrels.....	2

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

Passed Assistant Surgeon Stimson, plague laboratory, reports, January 29:

*Animals examined in the laboratory at Los Angeles, Cal., from January 11 to 24, inclusive.*

Ground squirrels.....	236
Gray rats.....	400
Black rats.....	62
Gambel pocket mouse.....	23
White rats.....	2
Rabbits.....	1

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

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

CALIFORNIA.—Month of December, 1908. Estimated population, 2,019,519. Total number of deaths reported to the state board of health, 2,856, including diphtheria 46, enteric fever 57, measles 11, scarlet fever 12, whooping cough 5, smallpox 1, and 397 from tuberculosis.

CONNECTICUT—*Bridgeport*.—Month of December, 1908. Estimated population, 100,000. Total number of deaths, 106, including diphtheria 4, scarlet fever 1, enteric fever 2, measles 2, whooping cough 1, and 11 from tuberculosis. Cases: Diphtheria 11, enteric fever 8, scarlet fever 8, measles 36, and phthisis pulmonalis 10.

IOWA—*Davenport*.—Month of January, 1909. Estimated population, 42,000. Total number of deaths 7, including diphtheria 1, and 5 from tuberculosis. Cases: Enteric fever 7, scarlet fever 2, diphtheria 8, measles 70, whooping cough 4, and tuberculosis 7.

KANSAS.—Month of December, 1908. Estimated population, 1,470,495. Total number of deaths from contagious and infectious diseases, 106. Causes of death: Tuberculosis 56, enteric fever 23, diphtheria 23, scarlet fever 4. Cases: Tuberculosis 85, enteric fever 91, diphtheria 171, scarlet fever 186, smallpox 197, and measles 42.

MASSACHUSETTS—*Worcester*.—Month of November, 1908. Estimated population, 147,084. Total number of deaths, 176, including enteric fever 4, measles 1, scarlet fever 1, diphtheria 10, and 16 from tuberculosis. Cases: Diphtheria 75, scarlet fever 24, enteric fever 13, measles 2, tuberculosis 28, and whooping cough 7.

Month of December, 1908. Total number of deaths, 176, including whooping cough 1, diphtheria 2, and 18 from tuberculosis. Cases: Diphtheria 62, scarlet fever 27, enteric fever 7, measles 2, tuberculosis 30, and whooping cough 6.

MONTANA.—Month of November, 1908. Estimated population, 280,000. Reports to the State board of health show as follows: Total number of deaths, 309, including diphtheria 13, enteric fever 17, scarlet fever 8, smallpox 1, measles 1, and 25 from tuberculosis. Cases: Diphtheria 95, enteric fever 64, measles 74, scarlet fever 159, and smallpox 60.

NEBRASKA—*Lincoln*.—Month of December, 1908. Estimated population, 60,000. Total number of deaths, 37, including diphtheria 3, scarlet fever 1, and 1 from tuberculosis. Cases: Diphtheria 11, scarlet fever 7, and smallpox 2.

NEW JERSEY.—Month ended January 15, 1909. Estimated population, 1,183,669. Total number of deaths, 3,164, including enteric fever 21, measles 33, scarlet fever 23, whooping cough 21, diphtheria 65, and 379 from tuberculosis.

**NEW YORK—Buffalo.**—Annual report for the year 1908. Estimated population 410,000. Total number of deaths 6,052, corresponding to an annual death rate of 15.13 per 1,000, including tuberculosis 530, diphtheria 74, measles 32, scarlet fever 92, enteric fever 84, and 48 from whooping cough. Cases: Tuberculosis 740, enteric fever 455, diphtheria 644, scarlet fever 2,265, measles 1,919, whooping cough 535, and smallpox 6.

Month of December, 1908. Total number of deaths 480, including diphtheria 13, scarlet fever 16, enteric fever 7, and 33 from tuberculosis. Cases: Diphtheria 87, enteric fever 33, measles 36, scarlet fever 329, whooping cough 18, and tuberculosis 61.

**Saratoga Springs.**—Month of January, 1909. Estimated population 11,822. Total number of deaths 28, including 4 from tuberculosis.

**OHIO—Toledo.**—Month ended December 31, 1908. Estimated population, 187,453. Total number of deaths 158, including enteric fever 7, diphtheria 7, scarlet fever 2, and 15 from tuberculosis. Cases: Diphtheria 37, scarlet fever 13, measles 3, and enteric fever 42.

**UTAH.**—Month of December, 1908. Reports to the state board of health from 27 counties, having an estimated population of 346,873, show as follows: Total number of deaths 284, including diphtheria 4, enteric fever 5, whooping cough 2, scarlet fever 8, and 16 from tuberculosis. Cases: Diphtheria 88, enteric fever 28, measles 39, scarlet fever 110, smallpox 137, whooping cough 81, and tuberculosis 20 (incomplete).

**WISCONSIN—Milwaukee.**—Month of December, 1908. Estimated population, 360,000. Total number of deaths 348, including enteric fever 9, measles 3, scarlet fever 2, diphtheria 10, and 42 from tuberculosis. Cases: Smallpox 14, tuberculosis 66, diphtheria 81, scarlet fever 88, enteric fever 42, and measles 98.

*Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, December 26, 1908, to February 12, 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. 12-31.....	6	.....	Year 1908.
Tuscaloosa County .....	Feb. 6-Dec. 31 .....	86	.....	
Total for State.....		92	.....	
<b>Arkansas:</b>				
Little Rock.....	Dec. 15-Jan. 2.....	23	.....	
Texarkana .....	Nov. 26-Jan. 11 .....	10	.....	
Total for State.....		33	.....	

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

Place.	Date.	Cases.	Deaths.	Remarks
<b>California, general</b> .....	Nov. 1-Dec. 31.....	.....	3	
Los Angeles.....	Dec. 6-Jan. 23.....	10	.....	
Oakland.....	Nov. 1-Dec. 31.....	6	.....	
Sacramento.....	Nov. 1-Dec. 31.....	24	.....	
San Francisco.....	Dec. 18-Jan. 30.....	17	.....	
Stockton.....	Nov. 1-30.....	12	.....	
<b>Total for State</b> .....		69	3	
<b>District of Columbia:</b>				
Washington.....	Dec. 28-Jan. 30.....	2	.....	
<b>Total for District</b> .....		2	.....	
<b>Illinois:</b>				
Belleville.....	Dec. 4-20.....	3	.....	
Browning.....	Oct. 25-Jan. 20.....	75	.....	
Cairo.....	Jan. 7-23.....	100	.....	
Centralia.....	July 1-Jan. 20.....	53	.....	
Chicago.....	Jan. 8-23.....	3	.....	
Danville.....	Jan. 11-24.....	2	.....	
Ladd.....	Nov. 1-30.....	4	.....	
Peoria.....	Dec. 20-26.....	4	.....	
Taylorville.....	Aug. 1-Jan. 20.....	40	.....	
<b>Total for State</b> .....		284	.....	
<b>Indiana:</b>				
Allen County, Fort Wayne.....	Jan. 10-16.....	1	.....	
Benton County.....	Nov. 1-30.....	1	.....	
Boone County.....	Nov. 1-30.....	1	.....	
Carroll County.....	Oct. 1-31.....	26	.....	
Clay County.....	Oct. 1-31.....	8	.....	
Dearborn County.....	Oct. 1-31.....	1	.....	
Elkhart County.....	Oct. 1-Nov. 30.....	7	.....	
Elkhart.....	Jan. 17-23.....	2	.....	
Hendricks County.....	Nov. 1-30.....	2	.....	
Madison County.....	Oct. 1-31.....	1	.....	
Anderson.....	Dec. 1-31.....	1	.....	
Marion County—				
Indianapolis.....	Jan. 18-31.....	3	.....	
Sullivan County.....	Oct. 1-31.....	2	.....	
Tiptecanoe County.....	Oct. 1-Nov. 30.....	18	.....	
Lafayette.....	Dec. 15-Feb. 8.....	50	1	
Tipton County.....	Nov. 1-30.....	1	.....	
Vanderburg County.....				
Evansville.....	Jan. 10-28.....	5	.....	
Vigo County.....	Oct. 1-Nov. 30.....	6	.....	
Wabash County.....	Nov. 1-30.....	3	.....	
Wayne County.....	Nov. 1-30.....	8	.....	
<b>Total for State</b> .....		147	1	
<b>Iowa, general</b> .....	July 1-Sept. 30.....	.....	2	
Burlington.....	Jan. 1-31.....	1	.....	
Council Bluffs.....	July 1-Dec. 31.....	19	2	
<b>Total for State</b> .....		20	4	
<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.....	Dec. 1-31.....	36	.....	
Pratt County.....	Dec. 1-31.....	20	.....	
Reno County.....	Nov. 1-Dec. 31.....	3	.....	
Riley County.....	Nov. 1-30.....	2	.....	
Saline County.....	Nov. 1-Dec. 31.....	31	.....	
Shawnee County.....	Nov. 1-Dec. 31.....	6	.....	
Topeka.....	June 7-Jan. 30.....	50	.....	

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Kansas—Continued.</b>				
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. 3-23 .....	3	.....	
<b>Total for State .....</b>		<b>461</b>		
<b>Kentucky:</b>				
Anderson County .....	Oct. 1-Jan. 20 .....	200	1	Including Lawrenceburg
Covington .....	Dec. 29-Feb. 6 .....	10	.....	
Henderson .....	.....	7	.....	Jan. 1-June 30, 1908.
Lexington .....	Dec. 28-Jan. 30 .....	20	.....	
Newport .....	July 1-Jan. 31 .....	20	1	Jan. 1-June 30, 1908, 16 cases, 1 death.
<b>Total for State .....</b>		<b>257</b>	<b>1</b>	
<b>Louisiana:</b>				
Arcadia Parish .....	Dec. 20-Jan. 11 .....	30	.....	Including Bienville, Liberty Hill, and Mount Lebanon.
New Orleans .....	Dec. 20-Jan. 30 .....	14	.....	
Shreveport .....	Jan. 1-20 .....	32	1	
<b>Total for State .....</b>		<b>76</b>	<b>1</b>	
<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-Jan. 30 .....	89	.....	
<b>Total for State .....</b>		<b>140</b>		
<b>Maryland:</b>				
Baltimore .....	Jan. 30-Feb. 6 .....	1	.....	
<b>Total for State .....</b>		<b>1</b>		
<b>Massachusetts:</b>				
New Bedford .....	Jan. 30-Feb. 6 .....	1	.....	
Taunton .....	Jan. 3-9 .....	1	.....	
<b>Total for State .....</b>		<b>2</b>		
<b>Michigan:</b>				
Barry County .....	Nov. 1-30 .....	2	.....	
Delta County .....	Nov. 1-30 .....	1	.....	
Ingham County— Lansing .....	Nov. 1-30 .....	6	.....	
Macomb County .....	Nov. 1-30 .....	1	.....	
Manistee County .....	Nov. 1-30 .....	2	.....	
Muskegon County .....	Nov. 1-30 .....	13	.....	
Saginaw County— Saginaw .....	Jan. 16-23 .....	1	.....	
St. Clair County .....	Nov. 1-30 .....	1	.....	
Port Huron .....	Nov. 1-30-Dec. 5 .....	3	.....	
Wayne County— Detroit .....	Jan. 10-30 .....	4	.....	
		<b>34</b>		
<b>Minnesota:</b>				
Becker County .....	Dec. 7-13 .....	1	.....	
Benton County .....	Oct. 26-Nov. 2 .....	1	.....	
Brown County .....	Oct. 20-Nov. 23 .....	11	.....	
Carver County .....	Dec. 7-13 .....	6	.....	
Cass County .....	Oct. 12-Dec. 7 .....	1	.....	
Chippewa County .....	Nov. 3-9 .....	1	.....	
Cottonwood County .....	Oct. 20-26 .....	1	.....	
Dodge County .....	Nov. 24-Dec. 7 .....	2	.....	
Faribault County .....	Dec. 7-13 .....	1	.....	
Hennepin County .....	Oct. 6-12 .....	1	.....	
Minneapolis .....	Nov. 1-Dec. 31 .....	21	.....	
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	.....	

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Minnesota—Continued.</b>				
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		
St. Louis County .....				
Duluth .....	Nov. 9–Jan. 22 .....	3		
Sibley County .....	Dec. 7–13 .....	9		
Stearns County .....	Nov. 9–Dec. 7 .....	4		
Steele County .....	Oct. 20–Dec. 7 .....	4		
Stevens County .....	Nov. 9–Dec. 13....	12		
Todd County .....	Nov. 9–Dec. 13....	3		
Wabasha County .....	Nov. 2–Dec. 7 .....	10		
Wadena County .....	Nov. 2–Dec. 13....	15		
Saseka County .....	Oct. 26–Dec. 7 .....	9		
Washington County .....	Nov. 24–30 .....	1		
Stillwater .....	Dec. 1–31 .....	3		
Winona County .....	Dec. 1–7 .....	1		
Winona .....	Dec. 1–7 .....	4		
Yellow Medicine County .....	Oct. 20–26 .....	1		
Total for State .....		237		
<b>Mississippi:</b>				
De Soto County .....	Nov. 1–Dec. 22....	135		
Total for State .....		135		
<b>Missouri:</b>				
Kansas City .....	Jan. 24–30 .....	1		
St. Joseph .....	Dec. 1–31 .....	1		
St. Louis .....	Dec. 20–Jan. 30 .....	6		
Springfield .....	Nov. 1–Dec. 31....	2		
Total for State .....		10		
<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–Jan. 29....	18		
Yellowstone County .....	Nov. 1–30 .....	1		
Total for State .....		65		
<b>Nebraska:</b>				
Lincoln .....	Nov. 1–Dec. 31....	5		
South Omaha .....	Dec. 20–Jan. 16....	3		
Total for State .....		8		
<b>New Hampshire:</b>				
Hinsdale .....	Nov. 1–Dec. 15....	6		
West Chesterfield .....	Nov. 1–Dec. 15....	1		
Westmoreland .....	Nov. 1–Dec. 15....	1		
Total for State .....		8		
<b>New York, general.</b>				
Syracuse .....	Nov. 1–30 .....	55		
	Jan. 9–31 .....	3		
Total for State .....		58		
<b>North Carolina:</b>				
Bertie County .....	Nov. 1–30 .....	1		
Catawba County .....	Nov. 1–30 .....	1		
Currituck County .....	Nov. 1–30 .....	3		
Johnston County .....	Nov. 1–30 .....	1		
Pasquotank County .....	Nov. 1–30 .....	17		
Wilmington .....	Jan. 22 .....	1		
Total for State .....		24		Imported.

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Ohio:</b>				
Cincinnati .....	Dec. 12-Feb. 5....	114	1	Year 1908.
Dayton .....	Jan. 24-30.....	2		
Newark .....	.....	5		
Tiffin .....	Jan. 8-23.....	2		
Total for State.....		121	1	
<b>Oregon:</b>				
Clackamas County .....	Sept. 1-30.....	1		
Harney County.....	Sept. 1-30.....	1		
Jackson County.....	Oct. 1-31.....	1		
Linn County.....	Sept. 1-Oct. 31.....	5		
Marion County.....	Sept. 1-Oct. 31.....	3		
Multnomah County, Port- land.....	Nov. 1-30.....	29		
Polk County.....	Sept. 1-Oct. 31.....	8		
Tillamook County.....	Oct. 1-31.....	1		
Umatilla County.....	Sept. 1-30.....	1		
Wallowa County.....	Oct. 1-31.....	1		
Washington County.....	Oct. 1-31.....	17		
Yamhill County.....	Sept. 1-30.....	7		
Total for State.....		75		
<b>Pennsylvania:</b>				
Gracedale .....	Oct. 24.....	1		
Harrisburg .....	Dec. 18-Jan. 20 ..	3		
New Kingstown.....	Dec. 29.....			Present.
Philadelphia .....	Dec. 19-25.....	1		Imported.
Pittsburg .....	Dec. 13-19.....	1		
Total for State.....		6		
<b>Tennessee:</b>				
Green County .....	Jan. 2.....	103		Including Greenville.
Knoxville.....	Dec. 28-Jan. 30 ..	8		
Memphis .....	Jan. 18.....	1		Imported.
Nashville.....	Dec. 20-Feb. 6....	17		
Polk County.....	Jan. 22.....	30		
Total for State.....		159		
<b>Texas:</b>				
Coat .....	Oct. 1-Dec. 19.....			Present.
Cotulla .....	Jan. 25.....			Do
Falfurrias .....	Dec. 26.....	12		
Fort Worth.....		256		Year 1908.
Goliad County.....	Dec. 1-Jan. 20.....	25		
Laredo .....	Dec. 26-Feb. 3.....	3		
Monthalia.....	Oct. 1-Dec. 19.....			Present.
Oak Forest.....	Oct. 1-Dec. 19.....			Do.
San Antonio.....	Dec. 13-Jan. 23.....	36		
San Augustine County.....	Jan. 5.....			Do.
Total for State.....		332		
<b>Utah:</b>				
Davis County.....	Nov. 1-Dec. 31.....	20		
Garfield County.....	Dec. 1-31.....	9		
Salt Lake County.....	Dec. 1-31.....	26		
Salt Lake City.....	Dec. 1-31.....	77		
Sanpete County.....	Dec. 1-31.....	1		
Summit County.....	Dec. 1-31.....	7		
Utah County.....	Dec. 1-31.....	1		
Weber County.....	Nov. 1-Dec. 31.....	2		
Total for State.....		143		
<b>Vermont:</b>				
Newfane .....	Jan. 11.....	8		And vicinity.
West Windsor, township ..	Jan. 23.....	2		
Total for State.....		10		
<b>Virginia:</b>				
Lynchburg .....	Jan. 10-30.....	3		Imported.
Total for State.....		3		



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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Washington:</b>				
Seattle.....	Nov. 1-Oct. 31.....	10	.....	
Spokane.....	Dec. 6-Jan. 2.....	3	1	
Tacoma.....	Dec. 14-Jan. 17.....	31	.....	
<b>Total for State.....</b>		<b>44</b>	<b>1</b>	
<b>West Virginia:</b>				
Charleston.....	Jan. 1-31.....	1	.....	
<b>Total for State.....</b>		<b>1</b>	.....	
<b>Wisconsin:</b>				
La Crosse.....	Dec. 13-Jan. 30.....	22	.....	
Manitowoc.....	Dec. 13-Jan. 23.....	5	.....	
Milwaukee.....	Dec. 6-Jan. 30.....	76	.....	
<b>Total for State.....</b>		<b>103</b>	.....	
<b>Grand total for the United States.....</b>		<b>3,160</b>	<b>12</b>	

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

[For smallpox and plague, see special tables.]

Cities.	Week ended—	Population, United States census, 1900.	Total deaths from all causes	Tuber- culosis.		Enteric fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Altoona, Pa.....	Jan. 30	38,973	22	1	.....	.....	.....	9	.....	1	.....	.....	.....	.....	.....
Ann Arbor, Mich.....	do	14,509	4	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Auburn, N. Y.....	Jan. 23	30,345	12	2	2	2	1	.....	.....	.....	.....	.....	.....	.....	.....
Baltimore, Md.....	Jan. 30	508,957	.....	22	36	5	2	7	.....	22	1	69	1	3	.....
Bayonne, N. J.....	do	32,722	.....	1	.....	.....	.....	2	.....	5	.....	60	.....	.....	.....
Beaver Falls, Pa.....	do	13,000	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....
Berkeley, Cal.....	Jan. 23	13,214	4	.....	.....	.....	1	1	.....	2	.....	3	.....	.....	.....
Bideford, Me.....	Jan. 30	16,145	14	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Binghamton, N. Y. <sup>a</sup>	do	38,647	13	2	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Boston, Mass.....	do	560,892	234	53	21	11	1	57	7	57	5	52	1	26	2
Braddock, Pa.....	Jan. 23	15,654	11	2	.....	.....	.....	.....	.....	4	.....	1	.....	.....	.....
Do.....	Jan. 30	15,654	5	1	.....	1	.....	2	.....	5	.....	.....	.....	.....	.....
Bradford, Pa.....	do	15,029	3	.....	1	.....	.....	3	.....	.....	.....	.....	.....	.....	.....
Brockton, Mass.....	do	40,063	10	1	2	1	.....	3	.....	.....	.....	78	.....	11	.....
Butte, Mont.....	Jan. 19	30,470	11	1	1	.....	.....	6	2	3	.....	1	.....	.....	.....
Do.....	Jan. 26	30,470	9	.....	1	.....	.....	6	2	3	.....	.....	.....	.....	.....
Cambridge, Mass.....	Jan. 30	91,886	25	7	4	.....	.....	9	1	5	.....	9	.....	.....	1
Camden, N. J.....	do	75,935	36	4	1	.....	.....	9	.....	8	.....	12	.....	.....	.....
Camden, S. C.....	do	2,441	2	.....	.....	.....	.....	.....	.....	2	.....	1	.....	.....	.....
Carbondale, Pa.....	do	13,536	2	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Charlotte, N. C.....	Jan. 29	18,091	9	.....	1	2	2	.....	.....	1	.....	2	.....	2	.....
Chelsea, Mass.....	Jan. 23	34,072	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chicago, Ill.....	Jan. 30	1,698,575	545	53	81	48	4	190	16	173	9	91	3	15	1
Chicopee, Mass.....	do	19,167	8	1	.....	.....	.....	2	.....	.....	.....	1	.....	.....	.....
Cincinnati, Ohio <sup>b</sup>	Jan. 15	325,902	111	14	17	3	1	9	.....	9	1	2	.....	12	.....
Do.....	Jan. 29	325,902	122	9	20	2	2	12	.....	12	1	4	.....	9	.....
Cleveland, Ohio.....	do	381,768	144	21	16	10	.....	18	2	31	2	3	.....	28	.....
Clinton, Mass.....	Jan. 30	13,667	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Columbus, Ga.....	do	17,614	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Covington, Ky.....	do	42,938	16	.....	1	.....	.....	1	.....	.....	.....	1	.....	.....	.....
Danville, Ill.....	Jan. 31	16,534	8	.....	1	.....	.....	3	.....	.....	.....	.....	.....	.....	.....
Dayton, Ohio.....	Jan. 30	85,333	29	1	4	1	.....	4	.....	3	.....	2	.....	.....	.....
Detroit, Mich.....	Jan. 23	285,704	123	.....	.....	.....	.....	7	.....	12	1	.....	.....	.....	.....
Do.....	Jan. 30	285,704	144	.....	.....	.....	.....	8	.....	21	5	.....	.....	.....	.....
Duluth, Minn.....	Jan. 28	30,000	18	1	1	.....	.....	4	.....	21	2	.....	.....	1	1
Dunkirk, N. Y.....	Jan. 30	11,616	5	3	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....
Elmira, N. Y.....	do	35,672	12	28	1	.....	1	.....	.....	1	.....	3	.....	.....	.....
El Paso, Tex.....	Jan. 26	15,905	28	1	5	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Do.....	Feb. 2	15,905	29	.....	6	3	1	.....	.....	2	.....	.....	.....	.....	.....
Elkhart, Ind.....	Jan. 30	15,184	4	.....	.....	.....	.....	1	.....	7	.....	1	.....	.....	.....
Erie, Pa.....	do	52,733	12	9	1	3	.....	10	.....	4	1	.....	.....	2	.....

<sup>a</sup>Total number of deaths include 5 from the State Hospital.<sup>b</sup>Reported out of date.

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

Cities.	Week ended—	Population, United States census, 1900.	Total deaths from all causes.	Tuberculosis.		Enteric fever.		Scarlet fever.		Diphtheria.		Measles.		Whooping cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Evansville, Ind....	Jan. 30	59,007	23	2	4	.....	.....	.....	.....	5	1	1	.....	.....	.....
Everett, Mass.....	do	24,336	10	.....	1	.....	.....	5	.....	3	1	.....	.....	2	.....
Fall River, Mass....	do	104,863	34	2	2	.....	.....	3	.....	4	.....	6	.....	.....	.....
Findlay, Ohio.....	do	17,613	5	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Galesburg, Ill.....	do	18,607	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Galveston, Tex.....	Jan. 29	37,789	12	3	.....	1	.....	.....	.....	1	2	.....	.....	.....	.....
Gloucester, Mass....	Jan. 30	26,121	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
G'd Rapids, Mich....	do	87,565	24	1	4	6	.....	20	1	1	1	4	.....	3	.....
Great Falls, Mont....	do	14,930	9	1	1	1	.....	11	2	2	.....	2	.....	2	.....
Greensboro, N. C....	do	10,085	5	1	1	.....	.....	.....	.....	.....	.....	3	.....	.....	.....
Hammond, Ind.....	do	12,376	5	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Harrison, N. J.....	do	10,596	3	.....	.....	.....	.....	2	.....	1	.....	.....	.....	.....	.....
Hartford, Conn.....	Jan. 24	79,850	30	2	6	1	.....	2	.....	5	.....	.....	.....	4	.....
Do.....	Jan. 31	79,850	22	4	2	.....	.....	.....	.....	5	.....	.....	.....	.....	.....
Haverhill, Mass....	Jan. 30	37,175	17	4	3	1	.....	1	.....	10	2	.....	.....	.....	.....
Hoboken, N. J.....	do	69,364	.....	.....	.....	.....	.....	1	.....	2	.....	2	.....	.....	.....
Indianapolis, Ind....	Jan. 31	169,164	41	.....	6	1	1	3	.....	9	.....	17	.....	.....	.....
Jacksonville, Fla....	Jan. 30	28,429	15	.....	1	3	.....	.....	.....	2	.....	.....	.....	.....	.....
Jacksonville, Ill....	Jan. 7	15,078	7	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Do.....	Jan. 14	15,078	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Jan. 21	15,078	4	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Do.....	Jan. 28	15,078	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Feb. 4	15,078	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jersey City, N. J....	Jan. 31	206,453	85	.....	5	.....	.....	19	1	7	2	69	1	2	3
Johnstown, Pa.....	Jan. 30	35,936	27	.....	1	15	1	12	4	8	2	11	.....	1	.....
Kalamazoo, Mich....	Jan. 16	24,404	15	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Jan. 23	24,404	12	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Jan. 30	24,404	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kansas City, Kans....	do	51,418	25	1	2	1	1	4	.....	7	1	1	.....	2	.....
Kansas City, Mo....	do	163,752	48	.....	3	4	2	7	.....	4	1	1	.....	.....	.....
Kearny, N. J.....	do	10,896	7	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
Knoxville, Tenn....	do	32,637	10	1	.....	1	1	.....	.....	.....	.....	23	.....	.....	.....
La Crosse, Wis.....	do	28,895	6	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....
La Fayette, Ind.....	Feb. 1	18,116	3	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Lancaster, Pa.....	Jan. 30	41,459	11	.....	.....	.....	.....	3	.....	2	.....	.....	.....	3	.....
Lawrence, Mass....	do	62,559	25	.....	1	1	.....	1	.....	4	.....	5	.....	.....	.....
Lebanon, Pa.....	do	17,628	8	2	1	.....	.....	1	.....	1	.....	2	.....	.....	.....
Lexington, Ky.....	do	26,369	12	.....	2	.....	1	.....	.....	3	.....	1	.....	4	.....
Los Angeles, Cal....	Jan. 23	102,479	74	2	8	7	1	17	13	.....	.....	3	.....	.....	.....
Lowell, Mass.....	Jan. 30	94,969	36	3	1	.....	.....	2	.....	10	1	12	.....	.....	.....
Lynchburg, Va.....	do	18,891	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Lynn, Mass.....	do	68,613	21	.....	4	.....	.....	3	.....	6	.....	1	.....	.....	.....
McKeesport, Pa.....	Jan. 9	34,227	14	1	.....	.....	.....	.....	.....	3	.....	2	.....	.....	.....
Do.....	Jan. 16	34,227	10	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
Do.....	Jan. 23	34,227	12	.....	1	1	.....	1	.....	1	1	.....	.....	.....	.....
Do.....	Jan. 30	34,227	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....
Malden, Mass.....	do	33,664	11	4	.....	1	.....	1	.....	5	.....	.....	.....	1	.....
Manchester, N. H....	do	56,987	32	3	3	.....	.....	.....	.....	17	2	.....	.....	1	.....
Manitowoc, Wis.....	do	11,786	2	1	1	.....	.....	1	.....	1	.....	7	.....	.....	.....
Mansfield, Ohio.....	do	17,650	.....	.....	.....	.....	.....	1	.....	2	.....	.....	.....	.....	.....
Marquette, Wis.....	do	16,195	4	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
Marion, Ind.....	do	17,337	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massillon, Ohio.....	do	11,944	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medford, Mass.....	do	18,244	7	.....	1	.....	.....	.....	.....	2	.....	.....	.....	.....	.....
Melrose, Mass.....	Jan. 23	12,962	2	.....	1	.....	.....	3	.....	.....	.....	.....	.....	2	.....
Do.....	Jan. 30	12,962	3	.....	.....	1	.....	.....	.....	1	.....	.....	.....	4	.....
Milwaukee, Wis.....	do	285,315	96	11	10	9	1	27	2	32	3	59	3	5	.....
Montclair, N. J....	do	13,962	2	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
Montgomery, Ala....	Jan. 29	30,346	13	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Moline, Ill.....	Jan. 31	17,248	.....	.....	.....	.....	.....	1	.....	.....	.....	6	.....	.....	.....
Morristown, N. J....	Jan. 30	13,000	2	2	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
Mount Vernon, N. Y.	do	21,228	9	1	.....	.....	.....	1	.....	.....	.....	9	.....	.....	.....
Nanticoke, Pa.....	Jan. 31	12,616	2	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....
Nashville, Tenn....	Jan. 30	80,865	46	2	3	2	.....	2	.....	3	.....	.....	.....	.....	.....
Nebraska City, Nebr.	Jan. 2	7,200	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....
Do.....	Jan. 30	7,200	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Newark, N. J.....	do	246,070	95	.....	13	.....	1	31	.....	29	1	.....	.....	2	.....
New Bedford, Mass....	do	63,442	43	2	5	1	.....	9	.....	5	1	1	.....	7	.....
New Brunswick, N. J.	Jan. 16	20,006	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....

a Reported out of date.

Cities.	Week ended—	Population, United States census, 1900.	Total deaths from all causes.	Tuberculosis.		Enteric fever.		Scarlet fever.		Diphtheria.		Measles.		Whooping cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
New Brunswick, N. J.	Jan. 23	20,006								1	1				
Do.	Jan. 30	20,006				1				1					
Newburyport, Mass.	do	14,478	4	3				1							
New London, Conn.	do	17,548	8	1				2							
New Orleans, La.	do	278,104	119	28	10	14	3	20		8	1				
Newport, Ky.	do	28,301	32		1		1			8	1				
Newton, Mass.	do	33,587	10					2		3					
New York, N. Y.	do	3,437,202	1,364	462	173	32	7	360	26	369	43	505	18	68	5
Niagara Falls, N. Y.	do	19,457	6			18	1	2							
Norristown, Pa.	do	22,265	12	2	2										
North Adams, Mass.	Jan. 31	24,200	6							2					
Northampton, Mass.	Jan. 30	18,643	4			1				1		28			
Oklahoma City, Okla.	Jan. 23	43,500	13		2	1									
Orange, N. J.	Jan. 20	24,141	9	1	1			2		5	1	4			
Ottumwa, Iowa.	do	18,197	6	1				2		1				4	
Palmer, Mass.	Jan. 16	7,801	3		1										
Do.	Jan. 23	7,801	4			1									
Do.	Jan. 30	7,801	3												
Passaic, N. J.	do	27,777	13					1		2				3	
Pittsburg, Pa.	do	321,616	163	42	10	19	1	31	3	12		30	1	14	4
Pittsfield, Mass.	Jan. 23	21,766	8			1		1				1			
Do.	Jan. 30	21,766			1			6				1			
Plainfield, N. J.	Jan. 16	15,369	6	1				2				2			
Do.	Jan. 29	15,369	3	2								2			
Plymouth, Pa.	Jan. 30	13,649								2		1			
Portsmouth, N. H.	do	10,637								1					
Portsmouth, Va.	Feb. 2	17,427	8					3		1					
Providence, R. I.	Jan. 30	175,597	96	9	11	1		10		9	2				
Racine, Wis.	Jan. 16	29,102	9		1			2							
Do.	Jan. 30	29,102	3					2							
Reading, Pa.	Feb. 1	78,961	24	3	4	11		1		5				1	
Richmond, Va.	Jan. 30	85,050	55	9	8	6	1			5	1	3	1	4	1
Rockford, Ill.	do	31,051								1					
Saginaw, Mich.	Jan. 23	42,345	17	1	1	2		3		2		1			
St. Joseph, Mo.	Jan. 16	102,979	14							3					
Do.	Jan. 23	102,929	17		1	1									
Do.	Jan. 30	102,979	15		1			2		2					
St. Louis, Mo.	do	575,238	209	40	22	8	1	27		64	7	234	3	4	
San Francisco, Cal.	Jan. 23	342,782	107	23	9	3	1	4		8		73		22	
Shamokin, Pa.	Jan. 30	18,202	3					2		1					
Somerville, Mass.	do	61,645	18	3	2			9		7	1	10			
South Bend, Ind.	do	35,999	12	2	2			9		2		5			
So. Omaha, Nebr.	Jan. 23	26,001										1			
Springfield, Ill.	Jan. 29	34,159	10					2		4					
Springfield, Mass.	Jan. 30	62,059	22	2		2		2		3	1	8			
Springfield, Ohio.	do	38,253	9	3				1		1		1			
Steelton, Pa.	do	12,068		2	1					2	1				
Taunton, Mass.	do	31,036	9											2	
Terre Haute, Ind.	do	36,673	25		5		1			1	1	1			
Tiffin, Ohio.	do	10,898						4		1					
Titusville, Pa.	do	8,244	1					4							
Topeka, Kans.	do	33,608	23			2		4		2		1			
Trenton, N. J.	do	73,307	8	5	2	2		2		2					
Waltham, Mass.	do	23,451	7			1		7		3	1	7			
Warren, Pa.	Jan. 24	8,043	3												
Washington, D. C.	Jan. 30	278,718	123	41	14	18	4	21		14	2	309	1	5	
Wheeling, W. Va.	do	38,878	16	5	1	5	1					3			
Wichita, Kans.	Jan. 9	24,671						1		4					
Do.	Jan. 23	24,671						3		3					
Wilkes-Barre, Pa.	Jan. 29	51,721	13	1	1	2		9		11		6			
Wilkinsburg, Pa.	Jan. 28	13,000	9	5		1		1		2		1			
Wilmington, Del.	Jan. 30	76,508	29		1										2
Winona, Minn.	Feb. 2	19,714	4		2										
Woburn, Mass.	Jan. 30	14,254	1												
Worcester, Mass.	Jan. 23	118,421	34	11		2	1	5		3					
Do.	Jan. 30	118,421	42	6		6	1	9		7					
York, Pa.	do	33,708		7				3						4	

\* Reported out of date.

## FOREIGN AND INSULAR.

### CURRENT QUARANTINE MEASURES.

[From the Veröffentlichungen des Kaiserlichen Gesundheitsamtes, Berlin, January 20, 1909.]

#### PLAGUE.

GERMAN EMPIRE.—January 14. Vessels and crews arriving from Beirut admitted to free pratique at German ports after medical inspection.

TURKEY.—January 4. Arrivals from Beirut subject to medical inspection and thorough disinfection, with destruction of rats on board, these measures to be applied at a Turkish lazaretto within forty-eight hours after arrival.

#### BARBADOS.

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

Consul Martin reports, January 11:

Since the outbreak of yellow fever in this colony on October 8, 1908, there have been reported to this consulate by the health authorities 11 cases, 2 in Bridgetown and 9 in the Parish of St. Lucy, at the extreme north end of the island and 18 miles from the port of Bridgetown. Six of these were reported as fatal. The other 5 were reported as isolated on a certain date, but no further report as to whether the cases were fatal or not has been received. The cases in detail as reported are as follows:

	Reported.	Isolated.
1 case, Bridgetown.....	October 11, 1908.....	October 8, 1908; fatal.
1 case, St. Lucy .....	December 14, 1908 .....	December 12, 1908.
Do .....	December 29, 1908 .....	December 20, 1908; fatal.
1 case, Bridgetown.....	.....do .....	December 26, 1908; fatal.
1 case, St. Lucy .....	January 4, 1909 .....	December 29, 1908.
Do .....	.....do .....	December 29, 1908; fatal.
Do .....	January 7, 1909 .....	January 4, 1909; fatal.
Do .....	January 12, 1909 .....	January 9, 1909.
Do .....	January 15, 1909 .....	January 8, 1909; fatal.
2 cases, St. Lucy .....	.....do .....	January 12, 1909.

Except in the first instance the disease has not attacked Europeans or tourists. It has existed among the native born, both white and black, and, according to reports, people who are very poorly nourished.

The authorities have quarantined the infected district and fumigated all houses, and each house is visited once a day by a medical man, who, if he finds any indication of fever, sends the patient immediately to the isolation hospital.

*Yellow fever spreading at Barbados.*

The following information is received from the Department of State under date of February 4:

The consul at Barbados reports yellow fever extending. Twenty-seven cases are reported; 11 in past 7 days.

February 5. Quarantine officers at South Atlantic and Gulf ports, and at Porto Rico, were informed by the bureau of the spread of yellow fever at Barbados and directed to exercise all precautions against importation. The same information was sent to Passed Assistant Surgeon Amesse at Habana and to the quarantine officer at New York.

## CUBA.

*Report from Cienfuegos—Inspection of vessels—Sanitary conditions*

Acting Assistant Surgeon Suarez reports, January 28:

*Week ended January 23.*

Vessels inspected.....	5
Bills of health issued.....	5
Members of crews inspected.....	168

The sanitary conditions of the city and port remain fair. No quarantinable disease was reported during the week.

*Report from Habana—Inspection of vessels—Sanitary conditions.*

Passed Assistant Surgeon Amesse reports, February 1:

*Week ended January 30.*

Vessels inspected.....	23
Bills of health issued.....	24
Members of crews of outgoing vessels inspected.....	1,259
Passengers of outgoing vessels inspected.....	1,297

Sanitary reports from all parts of Cuba reveal satisfactory health conditions.

*Report from Matanzas—Inspection of vessels.*

Acting Assistant Surgeon Nuñez reports, February 1:

Week ended January 30. Bills of health issued to 7 vessels clearing for United States ports. No quarantinable diseases have been reported.

*Report from Santiago—Inspection of vessels.*

Acting Assistant Surgeon Wilson reports, January 26:

Week ended January 23. Bills of health issued to 4 vessels bound for the United States. No vessel was fumigated. No quarantinable disease was reported.

## HAWAII.

*Reports from Honolulu—Examination of rats for plague infection.*

Passed Assistant Surgeon Currie reports, January 18, through Temporary Chief Quarantine Officer Moore:

*Week ended January 16.*

Total number of rats taken in Honolulu.....	653
Trapped .....	651
Found dead .....	1
Examined bacteriologically .....	459
Rats from Honolulu showing plague infection .....	0
Rats from Hilo under investigation (cultures sent from Hilo) .....	8
<hr/>	
Classification of rats trapped:	
Mus rattus .....	85
Mus norvegicus .....	67
Mus alexandrinus .....	61
Mus musculus .....	449
<hr/>	
Total classified .....	662
Average number of traps set daily.....	1,439

## ITALY.

*Report from Naples—Inspection of vessels—Emigrants recommended for rejection—Smallpox in Naples—Vaccination on vessels—Status of smallpox in Italy.*

Assistant Surgeon Wollenberg reports, January 18:

*Vessels inspected at Naples and Palermo week ended January 16.*

## NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Jan. 13	Calabria .....	New York .....	237	7	350
13	Pannonia .....	do .....			
16	Venezia .....	do .....	995	90	1,450
	Total .....		1,232	97	1,800

## PALERMO.

Jan. 14	Calabria .....	New York .....	256	212	157
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*Rejections recommended.*

## NAPLES.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Suspected favus.	Other causes.	Total.
Jan. 13	Calabria .....	9	.....	10	1	2	22
13	Pannonia .....	25	.....	15	.....	9	49
16	Venezia .....						
	Total .....	34	.....	25	1	11	71

## PALERMO.

Jan. 14	Calabria .....	11	.....	11	.....	1	23
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*Smallpox in Naples.*—During the week ended January 17 there were 46 cases of smallpox and 7 deaths reported at the health office of the city of Naples. From the date of the introduction of the disease from Marseille, June 13, 1908, the total number of cases has been 343, with 51 deaths. The total number of cases in Naples at the present time, including those reported at the end of last week, is officially stated to be 63. This is believed to be less than the actual number. All occupants of houses in the immediate vicinity of infected dwellings are vaccinated, but from six to eleven days usually elapse before this is done, though occupants of the infected houses are always vaccinated at once, upon a case being reported to the health office. A general vaccination has not been carried out.

Two foci of infection exist, one in the central and one in the western part of the city. Most of the cases have occurred in these sections, with a small number scattered throughout the other sections. No cases have been discovered in the business or hotel districts. The infected houses are mostly situated on the dark and narrow streets with which the older portion of Naples so greatly abounds, and in which cholera and plague have prevailed so terribly in years past.

Members of crews embarking at Naples on ships bound for the United States are vaccinated by the ships' surgeons, who certify to that effect before bills of health are issued. Since December 14, 1908, the consul-general at Genoa has required the vaccination of all steerage passengers bound for the United States and the disinfection of unclean baggage from smallpox-infected districts, a rather violent epidemic having been reported to exist in Ferrara, on the river Po. The precautions taken at Palermo have always been similar to those at Naples, so that ships from Italian emigration ports may now be considered very safe.

*Status of smallpox in Italy.*—Week ended January 17. Province of Reggio Calabria (Cinquefrondi) 13 cases.

#### JAPAN.

*Reports from Yokohama—Inspection and fumigation of vessels—Plague-infected rats found on coast steamship Tonegawa Maru from Osaka for Ujina.*

Passed Assistant Surgeon Cumming reports, January 9 and 12:

During the week ended January 2 bills of health were issued to 2 vessels, having an aggregate personnel of 52 saloon and 262 steerage passengers, and 337 members of crews.

This port and vicinity remain free from quarantinable diseases.

Week ended January 9, bills of health issued to 6 steamships having an aggregate personnel of 659 members of crews, 74 saloon, and 134 steerage and second-cabin passengers.

The *Bentledi*, hence for Manila via Kobe and ports was given a bill of health with indorsement advising partial fumigation, bathing of crew, and disinfection of forecabin before leaving Kobe, which is undoubtedly plague infected.

Plague-infected rats were found on the coast steamship *Tonegawa Maru* at Ujina, the closed naval port in the Inland Sea, upon her arrival January 8 from Osaka, which place, from a maritime quarantine point, is a part of Kobe.

The health conditions here remain good.

*Report from Kobe—Inspection of vessels—Examination of emigrants.*

Acting Assistant Surgeon Smith reports, January 7:

During the week ended January 2 supplemental bills of health were granted to 4 steamships, and 1 original bill of health was granted to 1 steamship.

There were inspected 155 members of crew and 269 steerage passengers. Twenty-two members of crew and 59 steerage passengers were bathed and disinfected. Their effects were disinfected by steam. The number of pieces of baggage steamed was 139 and of bedding 64. Manifests were viséed for 57,155 pieces of freight, amounting to 4,841 tons.

Emigrants were examined as follows: Steamship *Manchuria* for Honolulu, passed 27, recommended for rejection 9; steamship *Chiyo Maru* for Honolulu, passed 28, recommended for rejection 1; steamship *Chiyo Maru* for San Francisco, passed 4, recommended for rejection none.

## MEXICO.

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

The following is received from Dr. Eduardo Liceaga, president of the superior board of health, under date of January 27:

During the week ended January 23, 1 death from yellow fever occurred at Merida; 1 case of yellow fever at San Bernardo plantation, 9 kilometers distant from Maxcanu, and 3 cases and 2 deaths at Maxcanu.

## PHILIPPINE ISLANDS.

*Reports from Manila—Cholera and smallpox—Organization for sanitary inspection—Inspection of vessels.*

Chief Quarantine Officer McClintic reports, December 13 and 22:

Week ended December 12.

Two new cases of cholera with 1 death and 3 new cases of smallpox with no deaths were reported for the city of Manila.

During the week reports of cholera in the provinces were received by the bureau of health as follows:

Province.	Cases.	Deaths.	Province.	Cases.	Deaths.
Rizal .....	2	2	Antique .....	29	18
Bulacan .....	8	6	Laguna .....	3	3
Leyte .....	59	59	Cagayan .....	14	7
Ilocos Sur .....	25	22	Ilocos Norte .....	32	17
Capiz .....	93	51	Zambales .....	3	3
Palawan .....	2	.....	Total .....	279	194
Cavite .....	2	2			
Iloilo .....	7	4			

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

December 9 the British steamship *Sungkiang*, with 67 in the crew and with 21 passengers, en route from Hongkong and Amoy to Cebu and Iloilo, was granted a supplemental bill of health. The crew and



steerage passengers were bathed and disinfected at the Mariveles quarantine station on arrival at this port. December 9 the British steamship *Kumeric*, with 70 in the crew, was granted a bill of health for the port of Tacoma, via China and Japan ports. The crew and cargo were inspected and passed.

December 22. During the week ended December 19 the only quarantinable disease reported for the city of Manila was one case of cholera, with no deaths. It is therefore evident that cholera has practically been stamped out in this city. A few sporadic cases still occur in the adjoining provinces. In order to forestall a possible recrudescence or reappearance of the disease in the city of Manila, the bureau of health has organized a permanent force of sanitary inspectors and divided the city into sanitary districts for this purpose. The 5 large sanitary districts into which the city was formerly divided have been maintained with an inspector in charge of each, but these districts have been further divided into a total of about 70 subdistricts, and a subinspector has been assigned to each. It will be the duty of these inspectors to look after the general sanitary condition of closets, lavatories, and sinks; to see that garbage is properly disposed of and that the water used is from the city water supply and not from shallow wells or stagnant pools; and after the inspection is made to have a card placed in each house inspected showing date of inspection and condition of premises.

By means of this organization a force of sanitary inspectors will be available to the bureau of health should another epidemic occur. This has not been the case in past epidemics, which has proven a great handicap to the health authorities in their fight against the disease.

During the week the following cases and deaths from cholera were reported as having occurred in the provinces:

Province.	Cases.	Deaths.	Province.	Cases.	Deaths.
Rizal .....	4	7	Antique .....	27	21
Bulacan .....	3	2	Laguna .....	7	5
Ilocos Sur .....	45	31	Ilocos Norte .....	43	26
Capiz .....	47	27	Cagayan .....	12	5
Palawan .....	1	1			
Cavite .....	7	6	Total .....	196	131

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

December 15 the United States Army transport *Sheridan*, with 191 in the crew and with 318 passengers, was granted a bill of health for San Francisco via Nagasaki and Honolulu. The crew and steerage passengers were bathed and their effects disinfected at the Mariveles quarantine station. All baggage and cargo were either disinfected or passed after inspection. All persons on board were inspected at the hour of sailing. December 17 the British steamship *Ning Chow*, with 89 in the crew, en route from Tacoma to Cebu, was granted a supplemental bill of health. December 17 the French steamship *Kouangsi*, with 61 in the crew, en route from Shanghai to Cebu, was granted a supplemental bill of health after the usual inspection.

## TURKEY.

*Report from Constantinople—Plague at Jiddah.*

The following information is received from the Department of State, under date of February 3:

A cablegram received from the vice-consul-general at Constantinople reads: "Some cases of plague are reported at Jiddah."

*Report from Smyrna—Endemic diseases in city and vicinity.*

Assistant Surgeon Wollenberg at Naples forwards the following information, January 18, received from Consul-General Harris under date of January 5:

"Favus, trachoma, and leprosy are practically endemic diseases in Smyrna. Smallpox is perhaps the most common disease, especially in the interior of the country, where no precautions are taken. At the present moment it is rife among the lower classes in Smyrna, but despite the efforts of the authorities, the majority of the population refuse to submit to vaccination, although it is done free of charge."

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

AUSTRIA-HUNGARY—*Budapest*.—Two weeks ended January 2, 1909. Estimated population, 804,200. Total number of deaths not reported. Deaths included enteric fever 4, scarlet fever 13, diphtheria 4, and 12 from measles.

CUBA—*Matanzas*.—Three weeks ended January 20, 1909. Estimated population, 35,515. Total number of deaths, 36, including 7 from tuberculosis.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 76 great towns in England and Wales during the week ended January 16, 1909, correspond to an annual rate of 16.6 per 1,000 population, which is estimated at 16,234,952.

*London*.—One thousand five hundred and sixty-three deaths were registered during the week, including measles 79, scarlet fever 11, diphtheria 14, enteric fever 8, whooping cough 8, tuberculosis 128, and 22 from diarrhea. The deaths from all causes correspond to an annual rate of 16.9 per 1,000. In greater London 2,208 deaths were registered. In the "outer ring" the deaths included 3 from measles, 6 from diphtheria, scarlet fever 3, and 3 from whooping cough.

*Ireland*.—The average annual death rate represented by the deaths registered during the week ended January 16, 1909, in the 21 principal town districts of Ireland was 21.4 per 1,000 of the population, which is estimated at 1,131,959. The lowest rate was recorded in Dundalk, viz, 8.0, and the highest in Kilkenny, viz, 49.1 per 1,000.

*Scotland.*—The deaths registered in 8 principal towns during the week ended January 16, 1909, correspond to an annual rate of 18.1 per 1,000 of the population, which is estimated at 1,839,038. The highest rate of mortality was recorded in Perth, viz, 26.4 and the lowest in Leith, viz, 12.2 per 1,000. The aggregate number of deaths registered from all causes was 648, including measles 3, diphtheria 7, scarlet fever 5, whooping cough 39, and 4 from enteric fever.

GREECE—*Patras.*—Two weeks ended January 15, 1909. Estimated population, 40,000. Total number of deaths, 25, including enteric fever 1, scarlet fever 3, diphtheria 1, and 1 from tuberculosis.

MADAGASCAR—*Tamatave.*—Month ended December 12, 1908. Estimated population, 7,086. Total number of deaths, 3; cause of death not reported.

MALTA.—Two weeks ended January 2, 1909. Estimated population, 209,974. Total number of deaths, 197, including diphtheria 2, enteric fever 1, and 10 from tuberculosis.

PANAMA—*Panama, Colon, and Canal Zone.*—Month of December, 1908. Estimated population, 126,179. Total number of deaths, 275, corresponding to an annual death rate of 26.15 per 1,000, including enteric fever 1, malarial fever 35, beriberi 4, and 33 from tuberculosis. Of this number 86 occurred among the employees of the Isthmian Canal Commission and Panama Railroad Company, corresponding to an annual death rate of 25.03 per 1,000, of which 12.81 was due to disease, including malarial fever 3, enteric fever 1, and 9 from tuberculosis. Total number of employees, 41,219.

PHILIPPINE ISLANDS—*Manila.*—Quarter ended September 30, 1908. Estimated population, 223,542. Total number of deaths of residents, 3,682, including cholera 413, diphtheria 2, enteric fever 33, leprosy 12, smallpox 36, whooping cough 1, beriberi 257, and 331 from tuberculosis. The number of deaths occurring among transients was 195, including cholera 45, enteric fever 3, smallpox 2, beriberi 12, and 18 from tuberculosis.

SOCIETY ISLANDS—*Tahiti.*—Five weeks ended January 9, 1909. Estimated population, 4,000. Total number of deaths, 11, including typhus fever 1, and 1 from tuberculosis.

SPAIN—*Huelva.*—Month of December, 1908. Estimated population, 24,000. Total number of deaths, 69, including enteric fever 2, measles 1, and 15 from tuberculosis.

*Cholera, yellow fever, plague, and smallpox, from December 26, 1908, to February 12, 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	
India:				
Bombay.....	Dec. 9-Jan. 12.....		68	
Calcutta.....	Nov. 1-Jan. 2.....		85	
Madras.....	Nov. 14-Dec. 18....		49	
Negapatam.....	Oct. 31-Nov. 6.....		1	
Rangoon.....	Nov. 8-Dec. 26.....		10	
Indo-China—Cholen	Nov. 9-15.....	1	1	
Persia:				
Tabriz.....	Oct. 9-Nov. 30.....	1,000	500	Dec. 9, still present.
Philippine Islands:				
Manila.....	Nov. 1-Dec. 19.....	80	53	Third quarter, 1908, 673 cases and 458 deaths. Third quarter, 1908, 17,619 cases and 11,115 deaths.
Provinces				
Antique.....	Nov. 1-Dec. 19.....	206	123	
Bataan.....	Nov. 1-7.....	1	1	
Bulacan.....	Nov. 1-Dec. 19.....	81	67	
Capiz.....	Nov. 1-Dec. 19.....	651	356	
Cagayan.....	Nov. 1-Dec. 19.....	72	46	
Cavite.....	Nov. 1-Dec. 19.....	64	47	
Ilocos Norte.....	Nov. 1-Dec. 19.....	233	168	
Ilocos Sur.....	Nov. 1-Dec. 19.....	201	137	
Iloilo.....	Nov. 1-Dec. 19.....	237	120	
La Laguna.....	Nov. 1-Dec. 19.....	68	45	
Leyte.....	Nov. 1-Dec. 19.....	98	86	
Nezros Occidental.....	Nov. 1-Dec. 5.....	188	128	
Palawan.....	Nov. 1-Dec. 19.....	10	5	
Pampanga.....	Nov. 1-28.....	3	3	
Rizal.....	Nov. 1-Dec. 19.....	77	69	
Samar.....	Nov. 1-Dec. 5.....	116	83	
Surigao.....	Nov. 15-21.....	1		
Union.....	Nov. 1-7.....	6	4	
Zambales.....	Dec. 6-12.....	3	3	
Russia, general.	Nov. 15-Jan. 16.....	3,113	1,312	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, Barnoul, Pokrowsk, Jusowska, Etschmiadsin, and Dorpat.
Amolinsk.....	Nov. 15-Dec. 19.....	29	13	
Bakoo.....	Nov. 22-28.....	3	2	
Batoom.....	Nov. 15-21.....	4	2	
Cronstadt.....	Nov. 15-Jan. 16.....	3	1	
Don, territory of.....	Nov. 15-Jan. 16.....	164	82	
Ekaterinislav.....	Nov. 15-Dec. 26.....	27	11	
Erivan.....	Dec. 1-31.....	28	21	
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. 6-12.....	2	2	
Odessa.....	Nov. 29-Dec. 12.....	2	2	
Olonets.....	Nov. 21-28.....	1	1	
Poltava.....	Nov. 29-Dec. 5.....	3		
Samara gov't dist.....	Nov. 29-Dec. 5.....	7	7	
Samarcand.....	Dec. 6-12.....	10	7	In vicinity.
Saraitov.....	Nov. 15-Dec. 12.....	11	6	
Semipalatinsk, territory of.....	Dec. 19-26.....	1		
Stavropol.....	Nov. 15-21.....	1		
St. Petersburg, government	Nov. 15-Dec. 12.....	11	3	
St. Petersburg.....	Nov. 29-Jan. 16.....	957	301	Jan. 19, still present.
Tambov.....	Nov. 15-Dec. 12.....	16	8	
Tavride.....	Nov. 15-Dec. 19.....	9	5	
Terek, territory of.....	Nov. 15-Dec. 19.....	99	62	
Tiflis.....	Nov. 15-21.....	9	4	
Tomsk.....	Nov. 15-Jan. 16.....	99	47	
Tver, district.....	Nov. 15-Dec. 5.....	4		
Volgoda.....	Dec. 6-12.....	1		
Yelisavetpol.....	Nov. 26-Dec. 5.....	5	10	
Siam:				
Bangkok.....	Nov. 1-30.....			Present.
Straits Settlements:				
Singapore.....	Nov. 8-Dec. 19.....		90	

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

## YELLOW FEVER.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Barbados:</b>				
Bridgetown .....	Dec. 12-Feb. 4 .....	26	5	Dec. 27-Jan. 15, 9 cases and 4 deaths in parish of St. Lucy and 1 case in parish of St. Andrew.
<b>Brazil:</b>				Feb. 1. Epidemic.
Bahia .....	Nov. 15-Jan. 2 .....	21	10	
Manaos .....	Nov. 29-Dec. 19 .....		3	
Para .....	Nov. 22-Jan. 16 .....	23	23	
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		
<b>Dutch Guiana:</b>				
Paramaribo .....	Dec. 1-Jan. 2 .....	21	6	
<b>Ecuador:</b>				
Guayaquil .....	Nov. 29-Jan. 16 .....		13	
<b>Martinique:</b>				
Fort de France .....	Dec. 13-19 .....	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-Jan. 23 .....	12	6	
San Bernardo plantation .....	Dec. 27-Jan. 23 .....	3	2	
Sodzil plantation .....	Dec. 13-Jan. 2 .....	7	5	
Veracruz .....	Dec. 6-Jan. 2 .....	11	4	
<b>Trinidad:</b>				
Port of Spain .....	Jan. 20 .....		1	

## PLAGUE.

<b>Australia:</b>				
Brisbane .....	Nov. 1-7 .....	1	1	
<b>Brazil:</b>				Feb. 1. Epidemic.
Bahia .....	Nov. 15-Jan. 2 .....	21	11	
Pernambuco .....	Nov. 1-30 .....		6	
Rio de Janeiro .....	Nov. 16-Dec. 27 .....	46	23	
<b>Chile:</b>				
Iquique .....	Nov. 22-Dec. 28 .....	3	1	
<b>China:</b>				
Hankau .....	Nov. 30-Dec. 5 .....	1	1	On river boat Loongwo.
Hongkong .....	Nov. 8-14 .....	1	1	
Tientsin .....	Oct. 18-Nov. 21 .....			Still present.
Tongshan .....	Nov. 1-14 .....			Present.
<b>Ecuador:</b>				
Guayaquil .....	Nov. 29-Jan. 16 .....		13	
Milagro .....	Nov. 17-Dec. 12 .....	17	8	Dec. 19, still present.
<b>Egypt:</b>				
Alexandria .....	Nov. 14-Dec. 4 .....	3		
Port Said .....	Dec. 4 .....	1		
<b>Provinces—</b>				
Assiout .....	Dec. 2-Jan. 1 .....	3	3	
Beherah .....	Nov. 24-Dec. 26 .....	11	6	
Galyoobeeyeh .....	Nov. 21-Jan. 6 .....	2		
Garbieh .....	Nov. 27-Jan. 14 .....	4	2	
Girgeh .....	Oct. 18-Dec. 30 .....	4	3	
Fayoum .....	Nov. 23-Dec. 1 .....	1	1	
Menouf .....	Nov. 27-Jan. 17 .....	155	35	
Minieh .....	Nov. 25-Dec. 29 .....	1		
<b>India:</b>				
Bombay Presidency and Sind .....	Nov. 2-Dec. 17 .....	7,533	5,307	
Madras Presidency .....	Nov. 2-Dec. 17 .....	478	354	
Bengal .....	Nov. 2-Dec. 17 .....	639	535	
United Provinces .....	Nov. 2-Dec. 17 .....	506	436	
Punjab .....	Nov. 2-Dec. 17 .....	2,813	2,243	
Burma .....	Nov. 2-Dec. 17 .....	339	333	
Central provinces, including Berar .....	Nov. 2-Dec. 17 .....	1,152	865	
Coorg .....	Nov. 2-Dec. 17 .....	5	3	
Mysore State .....	Nov. 2-Dec. 17 .....	1,375	937	

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

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
India—Continued.				
Hyderabad State .....	Nov. 2-Dec. 17....	256	222	
Central India .....	Nov. 2-Dec. 17....	502	395	
Rajputana .....	Nov. 2-Dec. 17....	410	413	
Grand total .....		16,008	12,013	
Indo-China:				
Cholen .....	Oct. 25-Dec. 19....	12	11	Including Chuquan.
Saigon .....	Oct. 25-Dec. 26....	8	7	
Japan:				
Formosa .....	Nov. 8-14 .....	17	5	
Mauritius .....	Oct. 2-Nov. 28....	—	64	
Peru:				
Callao .....	Nov. 13-Dec. 24....	4	—	Jan. 2, still present.
Catacaos .....	Dec. 11-17 .....	3	—	
Chepen .....	Nov. 27-Dec. 17....	9	1	
Chiclayo .....	Nov. 13-Dec. 24....	8	5	
Eten .....	Nov. 13-Dec. 24....	9	8	
Ferrenafe .....	Nov. 13-Dec. 24....	9	3	
Lima .....	Nov. 13-Dec. 24....	27	8	
Mollendo .....	Nov. 13-Dec. 3....	4	2	
Monsefu .....	Nov. 13-Dec. 24....	7	2	
Oyotun, plantation .....	Nov. 20 .....	4	—	
Paíta .....	Dec. 11-17 .....	3	2	
Piura .....	Dec. 11-24 .....	5	3	
San Jose (Lambayeque) .....	Nov. 13-Dec. 3....	2	—	
San Pedro .....	Nov. 13-Dec. 24....	19	12	
Trujillo .....	Nov. 13-Dec. 24....	73	27	
Slam:				
Bangkok .....	Sept. 27-Oct. 24....	5	1	Present in November.
Straits Settlements:				
Singapore .....	Nov. 30-Dec. 5....	1	—	
Turkey in Asia:				
Bagdad .....	Nov. 6-Jan. 16....	37	12	
Beirut .....	Dec. 17-Jan. 9....	5	5	
Jiddah .....	Dec. 12-Jan. 15....	6	6	Feb. 3, still present.
Zanzibar .....	Nov. 10 .....	1	1	

## SMALLPOX.

Algeria:				
Algiers .....	Dec. 1-15 .....	—	29	Imported.
Arabia:				
Aden .....	Nov. 25-Jan. 4....	—	47	
Australia:				
New South Wales—				
Newcastle .....	Nov. 1-30 .....	1	—	
Austria:				
Galicia .....	Dec. 20-Jan. 9....	6	—	
Silesia .....	Jan. 3-9 .....	1	—	
Brazil:				
Bahia .....	Nov. 15-Jan. 2....	182	14	
Pernambuco .....	Nov. 1-Dec. 31....	—	62	
Rio de Janeiro .....	Nov. 16-Dec. 27....	971	480	
Santos .....	Nov. 1-Dec. 6....	—	9	
São Paulo .....	Nov. 1-Dec. 13....	—	24	
Canada:				
British Columbia—				
Vancouver .....	Dec. 1-31 .....	1	—	
Victoria .....	Dec. 12 .....	25	4	
Manitoba—				
Winnipeg .....	Dec. 20-Jan. 11....	5	—	
Ontario, province, general .....	Dec. 1-31 .....	118	—	
Hamilton .....	Jan. 17-23 .....	1	—	
Toronto .....	Nov. 8-28 .....	7	—	
Nova Scotia—				
Halifax .....	Dec. 13-Jan. 30....	15	—	
Yarmouth .....	Dec. 1-Jan. 31....	6	—	
Quebec—				
Montreal .....	Dec. 26-Jan. 2....	1	—	
Ceylon:				
Colombo .....	Nov. 1-21 .....	62	13	
Chile:				
Talcaguana .....	Nov. 20-Jan. 2....	—	—	Present in vicinity.
Valparaiso .....	Dec. 6-12 .....	1	—	
China:				
Amoy .....	Oct. 11-Nov. 8....	—	2	Dec. 19, still present. 2 cases Nov. 11-Dec. 12 from U.S. transport Seward
Shanghai .....	Nov. 11-Jan. 4....	3	1	

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

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Cuba:				
Habana .....	Dec. 26-Jan. 19....	3		Case Dec. 26 on s. s. Florida; case Jan. 19 on s. s. Alfonso XIII.
Egypt, general .....	Nov. 12-Dec. 31....	349	81	
Alexandria.....	Nov. 26-Dec. 31....	2	3	
Cairo .....	Nov. 19-Jan. 7....	64	35	
France:				
Marseille.....	Dec. 1-31 .....		1	
Paris .....	Nov. 22-Jan. 16....	22	1	
Germany, general .....	Nov. 19-Jan. 16....	15		
Breslau.....	Dec. 20-26 .....	1		
Königsberg .....	Jan. 9 .....	1		
Greece:				
Athens .....	Nov. 22-Jan. 2....		4	
Patras .....	Dec. 16-31 .....	1	1	
Great Britain:				
Bristol.....	Dec. 13-Jan. 23....	4	2	
Guatemala:				
Guatemala City .....	Dec. 21.....	600	200	Estimated, 2,800 cases; 840 deaths.
India:				
Bombay .....	Nov. 25-Jan. 12....		24	
Calcutta.....	Nov. 1-Jan. 2....		108	
Madras .....	Nov. 28-Dec. 4....	1		
Rangoon .....	Nov. 22-Jan. 2....		4	
Indo-China:				
Cholon .....	Nov. 15-Dec. 5....	6	5	
Saigon .....	Nov. 1-Dec. 26....	7	5	
Italy, general .....	Nov. 30-Jan. 17....	84		
Florence .....	Nov. 24-30 .....	2		
Genoa .....	Dec. 1-15 .....	1		
Naples.....	Dec. 7-Jan. 17....	137	29	
Polesella .....	Dec. 1.....			Epidemic.
Japan:				
Formosa .....	Nov. 29-Dec. 26....	9		
Java:				
Batavia .....	Nov. 1-Dec. 26....	24	2	
Malta .....	Nov. 22-28 .....	1		On vessel.
Mexico:				
Acapulco.....	Jan. 11-17.....	6		
Guadalajara.....	Jan. 7-21.....	3		
Mexico City.....	Nov. 8-Dec. 26....	1	37	
Monterey.....	Jan. 4-17.....	5	1	
Salina Cruz.....	Jan. 1-15.....	5		
Veracruz.....	Dec. 13-Jan. 9....	3	2	
Yucatan (Camp Mengel).....	Dec. 21.....	1		
Moluccas Islands.....	Dec. 12.....			Present.
Netherlands, The:				
Rotterdam .....	Jan. 10-16 .....	1		
Newfoundland:				
St. Johns .....	Jan. 10-23.....	4		From s. s. Portia.
Norway:				
Christiania.....	Nov. 22-28 .....	1	1	
Persia:				
Hamadan .....	Oct. 2-8.....			Present.
Tabriz .....	Oct. 2-8.....			Do.
Teheran .....	Sept. 18-Oct. 28....		10	
Peru:				
Lima .....	Nov. 22-Dec. 10....	4		Dec. 19, 3 cases in the Lazaretto.
Salaverry.....	Nov. 19-25 .....		1	
Philippine Islands:				
Manila .....	Nov. 1-Dec. 12....	5	2	Third quarter, 1908, 84 cases, 38 deaths.
Porto Rico:				
Mayaguez .....	Dec. 20-Jan. 2....	2		
Portugal:				
Lisbon.....	Nov. 30-Jan. 12....	12		
Russia:				
Moscow .....	Nov. 29-Jan. 16....	128	49	
Odessa.....	Jan. 3-9 .....	7		
Riga .....	Nov. 29-Dec. 19....	4		
St. Petersburg.....	Nov. 15-Jan. 9....	45	16	
Warsaw .....	Nov. 1-Dec. 12....		14	
Servia:				
Belgrade .....	Dec. 6-12.....	2		
Siam:				
Bangkok .....	Nov. 1-30 .....			Present.
Siberia:				
Vladivostok .....	Dec. 14-20 .....	1		

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

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Spain:</b>				
Barcelona .....	Dec. 6-Jan. 16 .....		13	
Cartagena .....	July 1-31 .....		15	
Madrid .....	Nov. 1-30 .....		9	
Valencia .....	Nov. 29-Jan. 23 .....	25	3	
Vigo .....	Nov. 30-Jan. 16 .....		6	
<b>Turkey in Asia:</b>				
Adalia .....	Sept. 24-27 .....		2	
Smyrna .....	Oct. 7-Dec. 31 .....		53	Jan. 5, epidemic.
<b>Turkey in Europe:</b>				
Constantinople .....	Dec. 7-Jan. 24 .....		43	

*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.
Aberdeen .....	Jan. 16	178,210	66								2	1	3
Acapulco .....	Jan. 10	5,000	7										4
Aden .....	Dec. 28	43,794	36	3				2					
Do .....	Jan. 4	43,794	52	3				3				1	
Agua Calientes .....	Jan. 17	40,000	47	2					1			2	2
Do .....	Jan. 24	40,000	50	2					1				4
Aix la Chapelle .....	Jan. 2	158,764	64	7					1			2	2
Alexandria .....	Dec. 23	383,934	189	25						1		1	
Antwerp .....	Jan. 9	312,571	107	7							1		
Asuncion .....	Dec. 19	75,000	18	2					1				
Athens .....	Jan. 9	241,053	95	22					1				
Bagdad .....	Dec. 19	200,000			2								
Do .....	Dec. 26	200,030			1								
Baracoa .....	Jan. 16	27,000	5										
Barren .....	Jan. 2	161,000	38	3							1	2	
Do .....	Jan. 9	161,000	60	8									3
Barronquilla .....	do	40,000	14										
Basel .....	do	131,000	45	7							1		
Batavia .....	Dec. 19	191,000						1					
Belfast .....	Jan. 16	386,576	143	22								3	1
Belize .....	Jan. 21	9,113	6										
Do .....	Jan. 28	9,113	5										
Bergen .....	Jan. 9	87,749	29							15			
Do .....	Jan. 16	87,749	26	5					1	1	6		
Birmingham .....	do	558,336	177							1	1	15	2
Bluefields .....	Jan. 16	2,500	4										
Bombay .....	Jan. 5	977,822	626	54	7	7		3		1		2	
Bordeaux .....	Jan. 16	253,000	146	7								1	1
Bremen .....	Jan. 9	233,907	87	14								4	
Bristol .....	Jan. 16	377,642	106						1			3	1
Cairo .....	Dec. 31	692,657	417	35				7	4	2		6	
Calcutta .....	Dec. 19	847,796	501	30		9	8						
Cardiff .....	Jan. 9	195,303	60	2				16		1			1
Do .....	Jan. 16	195,303	44										
Chemnitz .....	Jan. 2	271,767	86	8						1			
Do .....	Jan. 9	271,767	102	11						1	1	5	1
Coburg .....	Dec. 26	23,498	11	3									2
Do .....	Dec. 31	23,498	4								1		
Do .....	Jan. 9	23,498	6										
Cognac .....	Jan. 16	19,483	5	1									
Cologne .....	Dec. 19	464,907	137	20							2	3	2
Do .....	Dec. 26	464,907	137	22							3	3	2
Do .....	Jan. 2	464,907	171	19							1	8	6
Do .....	Jan. 9	464,907	164	21							3	3	8
Colombo .....	Nov. 28	140,262	148	14		4		1		11			
Do .....	Dec. 5	180,262	167	19		1		7		10		1	
Copenhagen .....	Jan. 2	447,000	142	21						1	3	1	1
Dalry .....	Dec. 26	36,070	12	2									4
Dresden .....	Jan. 2	545,200	165	13					1			8	4
Do .....	Jan. 9	545,200	158	21						3	6		3



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.
Dublin.....	Jan. 9	394,525	190	29						5		1	9	
Do	Jan. 16	394,525	191	25								1	8	2
Durban .....	Dec. 26	60,972	8	2										
Edinburgh .....	Jan. 16	355,366	109	8							1			2
Erfurt .....	Dec. 19	107,445	29	2								4		
Do	Dec. 26	107,415	19	1								1		
Fort de France .....	Jan. 9	27,069	22											
Frankfort-on-the-Main .....	Dec. 29	359,000	100									1	4	2
Do	Jan. 2	359,000	101									2	3	2
Do	Jan. 9	359,000	100	7							1	2	2	2
Frontera .....	Jan. 16	9,000	6											
Georgetown .....	Dec. 26	56,000	35	5					1					
Do.	Jan. 2	56,000	113	12										
Do	Jan. 9	56,000	25	4					1					
Ghent .....	do	165,105	72	6								1	2	
Gibraltar .....	Jan. 17	26,830	8											
Glasgow .....	Jan. 22	872,021	295							2	2	6		27
Gothenburg .....	Jan. 2	162,200	36	3								1		2
Guadalajara .....	Jan. 21	125,000	102					2						
Guayaquil .....	Jan. 9	75,000	50	11	2		2							
Hamburg .....	Jan. 16	872,252	266	26					1	3	2	1		2
Hamilton, Bermuda .....	Jan. 25	20,206	5											
Hilo, Hawaii .....	Jan. 9	3,500	2											
Honolulu, Hawaii .....	do	39,306	15	2										
Hull .....	Jan. 16	275,552	90									3	8	1
Kobe .....	Dec. 19	363,593	191						1			2		
Do	Dec. 26	363,593	147						2					
Königsberg .....	Jan. 2	237,600	76	9										1
Do	Jan. 9	237,600	97	13										1
Leeds .....	Jan. 16	428,968	150	11					2			5	4	4
Leipzig .....	Jan. 9	537,686	184	24					1	5	2	3		3
Leith .....	Jan. 16	85,721	20	5										
Liege .....	Jan. 9	175,471	46	3								1		
Liverpool .....	Jan. 16	760,357	274	23						7	3	6		6
London .....	do	4,833,938	1,563	128					8	11	14	79		8
Lyons .....	Jan. 2	472,114	161	32							1	3		
Madras .....	Dec. 25	509,346	376										3	
Do	Jan. 1	509,346	325											
Manchester .....	Jan. 16	655,435	253	22					6	6	3	16		2
Mannheim .....	Dec. 26	181,209	40	6										1
Do	Jan. 2	181,209	37	3										2
Matamoros .....	Jan. 23	8,000	2											
Mexico .....	Dec. 12	400,000	476	35				5	25	1	33	9		3
Moncton, N. B. ....	Jan. 25	13,500	2											
Monrovia .....	Dec. 19	7,000	3											
Do	Dec. 26	7,000	5											
Monterey .....	Jan. 24	100,000	46	3					1				1	
Moscow .....	Jan. 2	1,335,104	756	100				5	5	2	15	9	12	6
Munich .....	Dec. 19	556,000	215	21							7	4	5	1
Do	Dec. 26	556,000	213	34							6	4	5	1
Do	Jan. 9	556,000	182	30							1	1	4	2
Nagasaki .....	Dec. 27	173,118	38									1		
Nantes .....	Jan. 17	161,908	79	16					2					
Newcastle on Tyne .....	Jan. 16	281,584	102						3		1		2	2
Niuchwang .....	Dec. 26	60,000	4											
Nottingham .....	Jan. 9	260,000	100									2	4	3
Nuevo Laredo .....	Jan. 23	8,000	3	1										
Nuremberg .....	Dec. 19	311,650	84	11							4		5	2
Do	Dec. 26	311,650	92	15									2	3
Do	Jan. 2	311,650	97	13							2			
Odessa .....	Jan. 9	467,000	182	28					1	4	8	6		3
Ottawa .....	Jan. 16	80,200	24									1		
Do	Jan. 23	80,200	17											
Paris .....	Jan. 16	2,776,397	1,127	190						5	4	6	2	2
Penang .....	Dec. 19	101,469	84	17						1				
Do	Dec. 26	101,469	81	16						1				
Plymouth .....	Jan. 16	122,113	46							1		1		
Port Elizabeth .....	Jan. 2	32,959	21	2						1				1
Prague .....	Dec. 19	229,577	130	26						4	2	2		1
Do	Dec. 26	229,777	92	14						1	2	1		

\*Total number of deaths include those from the public hospital for the preceding three 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.
Progreso, Mexico.....	Jan. 2	5,000	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Do .....	Jan. 9	5,000	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do .....	Jan. 16	5,030	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Quebec .....	Jan. 23	75,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Queenstown.....	Jan. 16	7,684	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
Rangoon .....	Dec. 26	252,155	175	4	3	1	.....	.....	.....	.....	.....	.....	.....	.....
Saigon .....	Dec. 5	208,000	.....	.....	2	.....	.....	4	.....	.....	.....	.....	.....	.....
St. John, N. B. ....	Jan. 23	40,711	15	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Petersburg .....	Dec. 26	1,678,000	774	149	.....	47	.....	3	.....	15	25	16	5	9
San Feliu de Guixols ..	Jan. 16	11,094	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Santa Cruz de Tenerife.	Jan. 9	46,000	17	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Santiago de Cuba .....	Jan. 23	45,497	18	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sheffield .....	Jan. 9	440,000	171	19	.....	.....	.....	.....	.....	1	1	3	10	.....
Do .....	Jan. 16	440,000	129	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Singapore .....	Dec. 12	260,000	256	33	.....	11	.....	.....	.....	1	.....	.....	.....	.....
South Shields .....	Jan. 16	117,627	39	6	.....	.....	.....	.....	.....	.....	2	2	.....	1
Stockholm .....	Dec. 26	337,460	72	8	.....	.....	.....	.....	.....	.....	3	2	.....	.....
Do .....	Jan. 2	337,460	120	28	.....	.....	.....	.....	.....	.....	7	.....	.....	.....
Sunderland .....	Jan. 16	159,137	80	4	.....	.....	.....	.....	.....	2	.....	1	8	.....
Tientsin .....	Dec. 26	1,000,000	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Turin .....	Jan. 10	381,439	137	21	.....	.....	.....	.....	.....	.....	.....	1	1	.....
Victoria, B. C. ....	Jan. 23	30,000	5	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Hartlepool.....	Jan. 16	66,750	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Winnipeg .....	Jan. 23	118,000	20	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Yokohama .....	Jan. 4	378,884	.....	.....	.....	.....	.....	.....	.....	2	1	1	.....	.....
Zurich .....	Jan. 16	180,000	53	7	.....	.....	.....	.....	.....	.....	.....	2	.....	1

By authority of the Secretary of the Treasury:

WALTER WYMAN,

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