

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 and Point Richmond, and in Contra Costa County, 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 February 13, 1909.

Sick inspected.....	2
Plague.....	0
Dead inspected.....	91
Plague.....	0
Necropsy held.....	1
Premises inspected.....	2,753
Houses destroyed.....	2
Nuisances abated.....	182
	29
Rats found dead.....	1,181
Rats trapped.....	1,210
Total rats taken.....	1,210
Rats identified:	
Mus norvegicus.....	837
Mus rattus.....	18
Mus musculus.....	334
Total.....	1,189
Rats identified as to sex.....	845
Male.....	342
Female.....	503
Rats examined bacteriologically.....	760
Plague rats.....	0
Squirrels (<i>Citellus beecheyi</i>) caught.....	11
Squirrels examined bacteriologically.....	6
Plague squirrels.....	0
Weasel caught.....	1
Weasel examined bacteriologically.....	1
Plague weasels.....	0
Poisons placed.....	3,460

POINT RICHMOND, CAL.

Week ended February 13.

Sick inspected.....	2
Plague.....	0
Dead inspected.....	3
Plague.....	0
Premises inspected.....	490
Nuisances abated.....	20
Rats found dead.....	14
Rats trapped.....	16
Rats examined bacteriologically.....	26
Plague rats.....	0
Poisons placed.....	14,000

CONTRA COSTA COUNTY, CAL.

Week ended February 13.

Sick inspected.....	1
Plague.....	0
Dead inspected.....	1
Plague.....	0
Squirrels shot and squirrels found dead.....	9
Squirrels examined bacteriologically.....	9
Plague squirrels.....	0
Ranches inspected.....	64
Ranches found free of squirrels.....	12
Ranches poisoning squirrels.....	24

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

Passed Assistant Surgeon Stimson, plague laboratory, reports, February 9:

Animals examined in the laboratory in this city from February 1 to 7, 1909, inclusive.

Ground squirrels.....	142
Gray rats.....	240
Black rats.....	22
White rats.....	5

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

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

Passed Assistant Surgeon Glover reports, February 8:

SEATTLE, WASH.

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

Week ended February 6, 1909.

Rats received.....	926
Rats necropsied.....	886
Plague rats.....	0
Plague-infected rats to date.....	21
Vessels inspected.....	15
Vessels fumigated.....	2

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

CALIFORNIA—*Los Angeles*.—Month of January, 1909. Estimated population, 275,000. Total number of deaths reported, 370, including diphtheria 1, enteric fever 3, scarlet fever 1, whooping cough 1, and 64 from tuberculosis. Cases of contagious diseases reported: Diphtheria 43, enteric fever 36, scarlet fever 89, measles 16, smallpox 7, and tuberculosis 27.

***Sacramento*.**—Month of November, 1908. Estimated population, 50,000. Total number of deaths, 65, including enteric fever 3, diphtheria 1, and 8 from tuberculosis. Cases: Diphtheria 11, measles 2, scarlet fever 2, enteric fever 2, smallpox 15.

***San Diego*.**—Month of January, 1909. Estimated population, 42,500. Total number of deaths, 47, including 7 from tuberculosis. Cases: Scarlet fever 3, diphtheria 1, enteric fever 1.

ILLINOIS—*Springfield*.—Month of January, 1909. Estimated population, 68,970. Total number of deaths, 81, including 13 from tuberculosis. Cases: Diphtheria 11 and scarlet fever 6.

INDIANA.—Month of December, 1908. Estimated population, 2,648,594. Total number of deaths, 2,702, including tuberculosis 291, enteric fever 76, diphtheria 40, scarlet fever 8, whooping cough 11, and 2 from smallpox.

Morbidity: Diphtheria, 291 cases in 49 counties; enteric fever, 242 cases in 53 counties; smallpox, 128 cases in 23 counties.

KENTUCKY—*Henderson*.—Month of January, 1909. Estimated population, 17,900. Total number of deaths, 17, including 3 from tuberculosis. Cases: Diphtheria 1, whooping cough 1, scarlet fever 1, and 3 from tuberculosis.

LOUISIANA—*New Orleans*.—Month of January, 1909. Estimated population, 362,000 (265,000 white, 97,000 colored). Total number of deaths 657 (426 white, 231 colored), including enteric fever 11 (white), measles 1 (colored), whooping cough 2 (white), diphtheria 3 (white), and 78 from tuberculosis, of which 48 were white and 30 colored. The death rate per 1,000 of population per annum for the month was: white, 19.29; colored, 28.58. Total white and colored, 21.78.

MINNESOTA.—Month of October, 1908. Estimated population, 1,979,658. Reports to the state board of health show as follows: Total number of deaths, 1,730, including diphtheria 38, enteric fever 73, scarlet fever 2, whooping cough 13, measles 1, smallpox 1, and 135 from tuberculosis. Deaths reported from state institutions during the month numbered 35, including enteric fever 7, and 6 from tuberculosis.

Winona.—Month of January, 1909. Estimated population, 22,000. Total number of deaths, 22, including diphtheria 1 and 4 from tuberculosis. Cases: Diphtheria 1 and smallpox 1.

MISSOURI—*Springfield*.—Month of January, 1909. Estimated population, 35,000. Total number of deaths, 40, including diphtheria 1, and 6 from tuberculosis. Cases: Scarlet fever 7, diphtheria 4.

NEW HAMPSHIRE—*Manchester*.—Month of January, 1909. Estimated population, 64,793. Total number of deaths, 105, including diphtheria 3, whooping cough 2, and 10 from tuberculosis. Cases: Diphtheria 64, measles 1, and scarlet fever 11.

NEW JERSEY—*Perth Amboy*.—Five months ended December 31, 1908. Estimated population, 28,000. Total number of deaths, 172, including whooping cough 2, diphtheria 1, tuberculosis 9, and 2 from enteric fever. Cases: Diphtheria 25, tuberculosis 5, measles 141, enteric fever 5, and scarlet fever 24.

NEW YORK.—Annual report for the year 1908. Estimated population, 8,546,356. Total number of deaths, 138,441, corresponding to an annual death rate of 16.2 per 1,000 of population, including enteric fever 1,368, smallpox 3, measles 1,175, scarlet fever 1,688, diphtheria 2,468, and 14,316 from tuberculosis. Cases: Tuberculosis 26,230, diphtheria 20,759, scarlet fever 30,403, measles 58,738, enteric fever 6,978, and smallpox 866.

Month of December, 1908. Total number of deaths, 11,040, including enteric fever 106, smallpox 1, measles 61, scarlet fever 104, whooping cough 34, diphtheria 237, and 1,283 from tuberculosis. Cases: Tuberculosis 2,228, diphtheria 2,006, scarlet fever 1,890, measles 2,103, enteric fever 579, and smallpox 20.

Auburn.—Month of January, 1909. Estimated population, 40,000. Total number of deaths, 39, including enteric fever 1, and 7 from tuberculosis. Cases of contagious diseases reported: Diphtheria 1, enteric fever 10, measles 1, phthisis pulmonalis 9.

NORTH CAROLINA.—Month of December, 1908. Estimated population, 1,893,810. Reports of state board of health from 83 counties show as follows: Measles in 15 counties, whooping cough in 29 counties, scarlet fever in 24 counties, diphtheria in 34 counties, enteric fever in 38 counties, malarial fever in 5 counties, pernicious malarial fever in 2 counties, hemorrhagic malarial fever in 4 counties, and smallpox in 7 counties, viz: Catawba, 3; Currituck, several; Duplin, 10; Edgecombe, 1; Lenoir, 20; Lincoln, 1; Pasquotank, 12.

OREGON—*Portland*.—Month of December, 1908. Estimated population, 175,000. Total number of deaths, 158, including enteric fever 7, diphtheria 2, and 14 from tuberculosis. Cases: Diphtheria 29, enteric fever 15, measles 3, smallpox 21, and scarlet fever 15.

PENNSYLVANIA—*Pittsburg*.—Month of September, 1908. Estimated population, 462,801. Total number of deaths, 694, including diphtheria 7, scarlet fever 11, measles 2, whooping cough 1, enteric fever 20, and 66 from tuberculosis. Cases: Diphtheria 82, scarlet fever 116, enteric fever 127, whooping cough 20, tuberculosis 85, and measles 30.

TENNESSEE—*Knowville*.—Annual report for the year 1908. Estimated population, 53,000. Total number of deaths 653, including enteric fever 17, measles 1, whooping cough 19, diphtheria 4, and 106 from tuberculosis. Cases: Enteric fever 56, scarlet fever 34, measles 257, diphtheria 31, smallpox 59, whooping cough 43, and tuberculosis 108.

Nashville.—Month of January, 1909. Estimated population, 127,723. Total number of deaths 159, including enteric fever 1, diphtheria 3, scarlet fever 1, and 29 from tuberculosis. Cases: Scarlet fever 10, smallpox 17, enteric fever 8, diphtheria 11, and 11 from pulmonary tuberculosis.

UTAH—*Salt Lake City*.—Annual report for the year 1908. Estimated population, 85,000. Total number of deaths, 1,167, including enteric fever 29, measles 1, scarlet fever 20, whooping cough 7, diphtheria 18, and 83 from tuberculosis. Cases: Diphtheria 166, scarlet fever 472, measles 372, enteric fever 122, smallpox 182, whooping cough 207, and tuberculosis 18.

Month of January, 1909. Total number of deaths, 96, including enteric fever 1, smallpox 1, scarlet fever 2, whooping cough 1, diphtheria 2, and 4 from tuberculosis. Cases: Scarlet fever 53, smallpox 110, diphtheria 17, measles 7, enteric fever 3, and whooping cough 70.

VIRGINIA—*Richmond*.—Month of January, 1909. Estimated population, 115,701—white, 73,104; colored, 42,597. Total number of deaths, 185—white, 95; colored, 90—including enteric fever 2, measles 1, whooping cough 1, diphtheria 1, and 29 from tuberculosis. Cases: Diphtheria 13, enteric fever 13, measles 4, scarlet fever 3, and whooping cough 11.

Newport News.—Month of January, 1909. Estimated population, 28,749. Total number of deaths, 19, including diphtheria 1, and 1 from tuberculosis. Cases: Diphtheria 2.

WASHINGTON—*Seattle*.—Month of January, 1909. Estimated population, 276,562. Total number of deaths, 162, including enteric fever 2, diphtheria 5, and 14 from tuberculosis. Cases: Diphtheria 85, measles 35, enteric fever 13, scarlet fever 41, smallpox 5, tuberculosis 16, and whooping cough 1.

WEST VIRGINIA—*Charleston*.—Month of January, 1909. Estimated population, 26,000. Total number of deaths, 18, including 1 from tuberculosis. Cases: Diphtheria 11, scarlet fever 1, enteric fever 10, smallpox 1, and tuberculosis 1.

Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, December 26, 1908, to February 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.
Alabama:				
Mobile	Jan. 12-Feb. 6	7		Year 1908.
Tuscaloosa County	Feb. 6-Dec. 31	86		
Total for State		93		
Arkansas:				
Little Rock	Dec. 15-Jan. 2	23		
Magnolia	Jan. 5-13	25		
Texarkana	Nov. 26-Jan. 11	10		
Total for State		58		
California, general				
Los Angeles	Nov. 1-Dec. 31		3	
Oakland	Dec. 6-Feb. 13	14		
Sacramento	Nov. 1-Dec. 31	6		
San Francisco	Nov. 1-Dec. 31	24		
Stockton	Dec. 13-Feb. 6	19		
Stockton	Nov. 1-30	12		
Total for State		75	3	
District of Columbia:				
Washington	Dec. 28-Feb. 13	5		
Total for District		5		
Illinois:				
Bellefonte	Dec. 4-20	3		
Browning	Oct. 25-Jan. 20	75		
Cairo	Jan. 7-Feb. 13	182		
Centralia	July 1-Jan. 20	53		
Chicago	Jan. 3-Feb. 6	5		
Danville	Jan. 11-Feb. 14	3		
Ladd	Nov. 1-30	4		
Palmyra	Dec. 25-Jan. 20	4		
Peoria	Dec. 20-Feb. 23	5		
Scottsville	Dec. 25-Jan. 20	12		
Taylorville	Aug. 1-Jan. 20	40		
West Frankfort	Dec. 12-Feb. 13	15		
Total for State		401		
Indiana:				
Allen County—				
Fort Wayne	Jan. 10-Feb. 6	4		
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-Feb. 13	5		
Grant County—				
Union	Feb. 6	5		
Hendricks County	Nov. 1-30	2		
Madison County	Oct. 1-31	1		
Anderson	Dec. 1-31	1		
Marion County—				
Indianapolis	Jan. 18-Feb. 7	4		
Sullivan County	Oct. 1-31	2		
Tippecanoe County	Oct. 1-Nov. 30	18		
Lafayette	Dec. 15-Feb. 15	52	1	
Tipton County	Nov. 1-30	1		
Vanderburg County				
Evansville	Jan. 10-Feb. 6	6		
Vigo County	Oct. 1-Nov. 30	6		
Wabash County	Nov. 1-30	3		
Wayne County	Nov. 1-30	8		
Total for State		162	1	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Iowa, general	July 1-Sept. 30		2	
Burlington	Jan. 1-31	1		
Council Bluffs	July 1-Dec. 31	19	2	
Dubuque	Oct. 1-Jan. 31	87	1	
Total for State		107	5	
Kansas:				
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		
Riley County	Nov. 1-30	2		
Riley County	Nov. 1-Dec. 31	31		
Saline County	Nov. 1-Dec. 31	6		
Shawnee County	Nov. 1-Dec. 31	6		
Topeka	June 7-Feb. 6	61		
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-Feb. 13	6		
Total for State		475		
Kentucky:				
Anderson County	Oct. 1-Jan. 20	200	1	Including Lawrenceburg.
Covington	Dec. 29-Feb. 20	12		Jan. 1-June 30, 1908.
Henderson		7		
Lexington	Dec. 28-Feb. 13	26		
Newport	July 1-Jan. 31	20	1	Jan. 1-June 30, 1908, 16 case 1 death.
Paducah	Jan. 24-Feb. 6	17		
Total for State		282	2	
Louisiana:				
Arcadia Parish	Dec. 20-Jan. 11	30		Including Bienville, Liber Hill, and Mount Lebanon.
New Orleans	Dec. 20-Feb. 6	17		
Shreveport	Jan. 1-20	32	1	
Total for State		79	1	
Maine:				
Cyr plantation	Oct. 16-24	11		
Frenchville	Nov. 11-Dec. 5	2		
Grand Isle (Grant Isle)	Oct. 16-Dec. 12	26		
St. Agatha	Oct. 24-Dec. 26	9		
St. David	Dec. 13-19	1		
Upper Frenchville	Oct. 25-Nov. 11	2		
Van Buren	Oct. 18-Feb. 6	94		
Total for State		145		
Maryland:				
Baltimore	Jan. 30-Feb. 6	1		
Total for State		1		
Massachusetts:				
New Bedford	Jan. 30-Feb. 6	1		
Taunton	Jan. 3-9	1		
Total for State		2		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Michigan:				
Barry County.....	Nov. 1-Dec. 31.....	5		
Cheboygan County.....	Dec. 1-31.....	4		
Delta County.....	Nov. 1-30.....	1		
Eaton County.....	Dec. 1-31.....	1		
Ingham County—				
Lansing.....	Nov. 1-Dec. 31.....	11		
Ionia County.....	Dec. 1-31.....	2		
Kalamazoo County.....	Dec. 1-31.....	3		
Kent County—				
Grand Rapids.....	Jan. 24-30.....	1		
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. 6.....	2		
St. Clair County.....	Nov. 1-Dec. 31.....	2		
Port Huron.....	Nov. 1-30-Dec. 5.....	3		
Wayne County—				
Detroit.....	Jan. 10-30.....	4		
Wexford County.....	Dec. 1-31.....	2		
		66		
Minnesota:				
Becker County.....	Dec. 7-13.....	1		
Benton County.....	Oct. 26-Nov. 2.....	1		
Brown County.....	Oct. 20-Nov. 23.....	11		
Carver County.....	Dec. 7-13.....	6		
Cass County.....	Oct. 12-Dec. 7.....	1		
Chippewa County.....	Nov. 8-9.....	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		
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		
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		
Total for State.....		238		
Mississippi:				
De Soto County.....	Nov. 1-Dec. 22.....	135		
Total for State.....		135		
Missouri:				
Kansas City.....	Jan. 24-Feb. 6.....	3		
St. Joseph.....	Dec. 1-31.....	1		
St. Louis.....	Dec. 20-Feb. 6.....	9		
Springfield.....	Nov. 1-Dec. 31.....	2		
Total for State.....		15		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Montana:				
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-Feb. 16	23		
Yellowstone County	Nov. 1-30	1		
Total for State		70		
Nebraska:				
Lincoln	Nov. 1-Dec. 31	5		
South Omaha	Dec. 20-Feb. 13	6		
Total for State		11		
New Hampshire:				
Hinsdale	Nov. 1-Dec. 15	6		
West Chesterfield	Nov. 1-Dec. 15	1		
Westmoreland	Nov. 1-Dec. 15	1		
Total for State		8		
New York, general:				
Niagara Falls	Nov. 1-Dec. 31	75	1	
Rome	Feb. 7-13	1		
Schenectady	Jan. 1-31	1		
Syracuse	Feb. 7-13	1		
Total for State		81	1	
North Carolina:				
Bertie County	Nov. 1-30	1		
Catawba County	Nov. 1-Dec. 31	4		Present to Dec. 31.
Currituck County	Nov. 1-30	3		
Duplin County	Dec. 1-31	10		
Edgecombe County	Dec. 1-31	1		
Johnston County	Nov. 1-30	1		
Lenoir County	Dec. 1-31	20		
Lincoln County	Dec. 1-31	1		
Pasquotank County	Nov. 1-Dec. 31	29		
Wilmington	Jan. 22	1		Imported.
Total for State		71		
Ohio, general:				
Cincinnati	June 14-Jan. 2	337		
Dayton	Dec. 12-Feb. 19	139	1	
Newark	Jan. 24-Feb. 13	4		Year 1908.
Tiffin	Jan. 3-23	3		
Total for State		485	1	
Oregon:				
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—				
Portland	Nov. 1-Dec. 31	50		
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		96		
Pennsylvania:				
Gracedale	Oct. 24	1		
Harrisburg	Dec. 18-Jan. 20	3		Present.
New Kingstown	Dec. 29	1		
Philadelphia	Dec. 19-25	1		Imported.
Pittsburg	Dec. 13-19	1		
Total for State		6		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
South Dakota:				
Aberdeen	May 1-Jan. 31	43 .....	.....
Total for State .....	.....	43 .....	.....
Tennessee:				
Green County	Jan. 2.	108 .....	.....	Including Greenville.
Knoxville	Dec. 28-Feb. 13.	12 .....	.....	Imported.
Memphis	Jan. 18-Feb. 13.	23 .....	.....
Nashville	Dec. 20-Feb. 20.	24 .....	.....
Polk County	Jan. 22.	30 .....	.....
Total for State .....	.....	192 .....	.....
Texas:				
Cost	Oct. 1-Dec. 19. ....	.....	.....	Present.
Cotulla	Jan. 25. ....	.....	.....	Do.
Denton County	Jan. 1-Feb. 8.	9 .....	.....	Including Justin and Roanoke.
El Paso	Feb. 10-16.	2 .....	.....
Falfurrias	Dec. 26.	12 .....	.....	Year 1908.
Fort Worth .....	.....	256 .....	.....
Goliad County	Dec. 1-Jan. 20.	25 .....	.....
Laredo	Dec. 26-Feb. 13.	4 .....	.....	Present.
Monthalia	Oct. 1-Dec. 19. ....	.....	.....	Do.
Oak Forest	Oct. 1-Dec. 19. ....	.....	.....	Do.
San Antonio	Dec. 13-Feb. 6.	44 .....	.....
San Augustine County	Jan. 5. ....	.....	.....
Total for State .....	.....	352 .....	.....
Utah:				
Davis County	Nov. 1-Dec. 31.	20 .....	.....
Garfield County	Dec. 1-31.	9 .....	.....
Salt Lake County	Dec. 1-Jan. 31.	136 .....	.....
Salt Lake City	Dec. 1-Jan. 31.	187	1	
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 .....	.....	363	1	
Vermont:				
Newfane	Jan. 11.	8 .....	.....	And vicinity.
West Windsor, township ..	Jan. 23.	2 .....	.....
White River Junction	Jan. 4-Feb. 9.	3 .....	.....
Total for State .....	.....	13 .....	.....
Virginia:				
Lynchburg	Jan. 10-30.	3 .....	.....	Imported.
Norfolk	Feb. 5-17.	3 .....	.....	On tug E. W. Marts.
Port Royal	Dec. 28-Jan. 14.	3 .....	.....
Total for State .....	.....	9 .....	.....
Washington:				
Seattle	Oct. 1-Jan. 31.	15 .....	.....
Spokane	Dec. 6-Feb. 13.	9	1	
Tacoma	Dec. 14-Jan. 17.	31 .....	.....
Total for State .....	.....	55	1	
West Virginia:				
Charleston	Jan. 1-31.	1 .....	.....
Weston	Jan. 15-Feb. 13.	1 .....	.....
Total for State .....	.....	2 .....	.....
Wisconsin:				
La Crosse	Dec. 13-Feb. 13.	30 .....	.....
Manitowoc	Dec. 13-Feb. 20.	8 .....	.....
Milwaukee	Dec. 6-Feb. 13.	92 .....	.....
Total for State .....	.....	130 .....	.....
Grand total for the United States .....	.....	4,326	15	

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

[For smallpox and plague, see special tables.]

Cities.	Week ended—	Popula- tion, 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.	Feb. 13	38,973	13	1			4	1	1	1					
Ann Arbor, Mich.	Feb. 6	14,509	5	2								2			
Do.	Feb. 13	14,509	5	5		1	1							1	
Auburn, N. Y.	Jan. 30	30,345	10	5	3	2						1			
Do.	Feb. 6	30,345	8	4	1										
Do.	Feb. 13	30,345	12	3						1				2	
Baltimore, Md.	do	508,957	194	19	26	6	1	9	1	14	2	93	1	1	
Bath, Me.	do	10,477						2							
Bayonne, N. J.	do	32,722		1				1		7		28			
Beaver Falls, Pa.	do	13,000				1		1							
Berkeley, Cal.	Feb. 6	13,214		13	1										
Biddeford, Me.	Feb. 13	16,145		5	1		1	6		1		2			
Binghamton, N. Y.	do	38,647		6											1
Boston, Mass.	do	560,892	219	43	27	2	1	51	5	69	4	69		24	2
Bradock, Pa.	do	15,654		7		1			1	3					
Bradford, Pa.	do	15,029		5	1	1		5				1			
Brockton, Mass.	do	40,063		13				2		1		108			
Cambridge, Mass.	do	91,896		30	8	5		15		3		7		31	
Camden, N. J.	do	75,956		31	1			6		6				1	
Camden, S. C.	do	2,441										2			
Carbondale, Pa.	do	13,536		11		1									
Charlotte, N. C.	Feb. 12	18,091		10		2				2				1	
Chelsea, Mass.	Feb. 13	34,072		2				1							
Chicago, Ill.	do	1,698,575	592	109	69	90	6	142	6	145	13	107	3	30	
Chicopee, Mass.	do	19,167		9				2		2		2			
Cincinnati, Ohio	Feb. 12	325,902	93	12	13	3	2	8		10	1	1		5	
Cleveland, Ohio	do	381,768	127	30	10	11	1	18	1	18	1	17	1	23	4
Clinton, Mass.	Feb. 13	13,667		3	2							1			
Columbus, Ga.	do	17,614		5		1									
Covington, Ky.	do	42,998		3	4			3		1					
Danville, Ill.	Feb. 14	16,594		7		1		1							
Dayton, Ohio	Feb. 13	85,333		29	1	8	1	1	2	1		9			
Detroit, Mich.	do	285,704	115	23	2	1		4	1	10	1				
Duluth, Minn.	Feb. 11	80,000		23	2	1		4		21	2				
Dunkirk, N. Y.	Feb. 13	11,616		6											
Elkhart, Ind.	do	15,184		3	1	1	2	1				14			
Elmira, N. Y.	do	35,672		10		1	1					1			
Evansville, Ind.	do	59,007		28	4	3	2			8	1				
Everett, Mass.	do	24,336		9		2		2		2					
Fall River, Mass.	do	104,863		41	1	1		4		3	1	1		1	
Findlay, Ohio	do	17,613		2				1		1					
Fort Wayne, Ind.	do	45,115		8	1	1		2		2		1			
Galesburg, Ill.	do	18,607		6				2		1					
Galveston, Tex.	Feb. 12	37,789		8	3	3	1								
Glens Falls, N. Y.	Jan. 30	13,543		6				1		1					
Do.	Feb. 13	13,543		2	1										
Gloucester, Mass.	do	26,121		5											
G't Rapids, Mich.	do	87,565		27	1	3	1	18	1	1		3		8	
G't Falls, Mont.	Jan. 23	14,930		7	4	1	2	17	1	2		3			
Do.	Feb. 7	14,930		6			1	12	2	1		2		6	1
Do.	Feb. 13	14,930		4			1	10		3		2		1	
Greensboro, N. C.	do	10,085		5		3						5			
Greenville, S. C.	Jan. 30	11,860		4				2		1					
Do.	Feb. 13	11,860		3				1		1					
Hartford, Conn.	Feb. 7	79,850		25	4	4		1		4				2	
Do.	Feb. 14	79,850		28	6	4	1			8				1	
Harrison, N. J.	Feb. 13	10,596		5											
Haverhill, Mass.	Feb. 13	37,175		15	2		1			5	1				
Hammond, Ind.	do	12,376		3		1									
Hoboken, N. J.	do	59,364						8		4					
Indianapolis, Ind.	Feb. 14	169,164		45	1	5		2		4		44			
Jacksonville, Fla.	Feb. 13	28,429		18						5					
Jersey City, N. J.	Feb. 14	206,433	100			3									
Johnstown, Pa.	Feb. 13	35,986		20			7			19	1	2		8	
Kalamazoo, Mich.	Feb. 6	24,404		12	1			1		2				1	
Do.	Feb. 13	24,404		12	1									1	
Kansas City, Kans.	do	61,418		20	1	7	1	3	2	5	1	1		1	
Kansas City, Mo.	do	163,752		59	2	5	1			5		2			
Kearny, N. J.	do	10,896		4				1		2					
Kingston, N. Y.	Jan. 30	24,585		15											
Do.	Feb. 13	24,585		10		1								1	
Knoxville, Tenn.	do	32,637		23	2	2						10	1	1	1

• 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.
La Crosse, Wis.	Feb. 13	23,895	7												
Lafayette, Ind.	Feb. 8	18,116	7		2					2					
Do.	Feb. 15	18,116	5		1										
Lancaster, Pa.	Feb. 13	41,459	18			1		5							
Lawrence, Mass.	do.	62,569	32	1	4	2				4	2	2			
Lebanon, Pa.	do.	17,628	13									2			
Lexington, Ky.	do.	26,369	5		2					2				5	
Los Angeles, Cal.	Feb. 6	102,479	92	10	14	13				8	7	4			
Lowell, Mass.	Feb. 13	94,969	37	5	8	1		1		8	7	4			1
Lynchburg, Va.	Feb. 6	18,891						2		2				1	
Do.	Feb. 13	18,891						1		1					
Lynn, Mass.	do.	68,513	36		3			1	1	15	1	8	1		
Malden, Mass.	do.	33,664	8	1	2	1						7		7	
Manchester, N. H.	do.	56,987	35	1	1			1		10					
Manitowoc, Wis.	do.	11,786	3			1		2		4		3			
Mansfield, Ohio	do.	17,660						6							
Marinette, Wis.	do.	16,196						1							
Marion, Ind.	do.	17,337	4		1			1		1					
Marlboro, Mass.	do.	13,609	5												
Massillon, Ohio	do.	11,944	2												
Medford, Mass.	do.	18,244	9		1			2		4					
Melrose, Mass.	do.	12,962	3					1		1				11	
Memphis, Tenn.	do.	102,320	38	4	5		2	5		4	1				
Milwaukee, Wis.	do.	285,315	117	6	6	10	1	28	3	17	3	72		8	3
Mobile, Ala.	Feb. 6	38,469	21	3	4										
Do.	Feb. 13	38,469	22		2										
Montclair, N. J.	do.	13,961	2							2		11			
Montgomery, Ala.	Feb. 12	30,346	15		2		1			2					
Moline, Ill.	Feb. 14	17,248	9		1							21			
Morristown, N. J.	Feb. 13	13,000	7									1			
Mount Vernon, N. Y.	do.	21,228	6					1		1		24			
Muncie, Ind.	do.	20,942	4	2	2	2									
Nanticoke, Pa.	Feb. 14	12,616	3							2					
Nashville, Tenn.	Feb. 13	80,866	41		3	1		1		1					
Nebraska City, Nebr.	do.	7,200	2												
Newark, N. J.	do.	246,070	104		14	1	1	35	2	34	6				
New Bedford, Mass.	Feb. 13	63,442	37	5	2			10	1	2	2	2		9	
Newburyport, Mass.	do.	14,478	9		2	2									
New London, Conn.	Feb. 6	17,548	3	1						2					
Do.	Feb. 13	17,548	5	2								2			
New Orleans, La.	do.	278,104	141	27	9	8	2	48		8	2				
Newton, Mass.	do.	33,587	11	1	1			1		2					
New York, N. Y.	do.	3,437,202	444	180	25	9	367	18	496	56	499	13	48	4	
Niagara Falls, N. Y.	do.	19,457	8	2		7		5		3	1	1			
Norristown, Pa.	do.	22,265	4	1	1	1		1		1		7			
North Adams, Mass.	do.	24,200	5												
Northampton, Mass.	do.	18,643	3			3						18			
Oklahoma City, Okla.	do.	43,600	13			2		2		1					
Orange, N. J.	do.	24,141	7	1		1		3				1			
Ottumwa, Iowa.	do.	18,197	9	1		2									
Palmer, Mass.	do.	7,801	1												
Passaic, N. J.	do.	27,777	13					3		1					
Peoria, Ill.	do.	56,100	19	5		2		2		1					
Pittsfield, Mass.	do.	21,766	6	2				2		1					
Plainfield, N. J.	do.	15,369	8	2	2							2			
Plymouth, Pa.	do.	13,649						1		3					
Portsmouth, N. H.	do.	10,637						1							
Providence, R. I.	do.	175,597	73	4	6	1		10	1	9	2	1			
Racine, Wis.	do.	29,102	10							1					
Reading, Pa.	Feb. 15	78,961	29	1		5	1	2		4	1	1			
Rockford, Ill.	Feb. 6	31,051								1					
Do.	Feb. 13	31,051								2					
Rock Island, Ill.	Jan. 30	19,493	2					1		1					
Do.	Feb. 13	19,493	5		1					3	1				
St. Joseph, Mo.	Feb. 6	102,979	24		1							1			
Do.	Feb. 13	102,979	23		3			2				1			
St. Louis, Mo.	do.	575,238	222	41	29	2		21	1	54	6	205	2	6	
San Antonio, Tex.	do.	53,321						1							

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

Cities.	Week ended—	Population, United States census, 1900.	Total deaths from all causes.	Tuberculosis.		Enteric fever.		Scarlet fever.		Diphtheria.		Measles.		Whooping cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Sandusky, Ohio	Jan. 23	19,664	6	6	2	4	2	2							
Do	Jan. 30	19,664	6	6		7									
San Francisco, Cal.	Feb. 6	342,782	128	33	14	1	4	1	21		76		4		
Scranton, Pa.	do	102,026	25		1	2	1	8	1	6	1	21	1		
Do	Feb. 13	102,026	31			2		16	3	5		16			
Schenectady, N. Y.	Feb. 6	31,682	8					3	1	2					
Do	Feb. 13	31,682	16	2	2			7	1	1					
Shamokin, Pa.	do	18,202	9					2	1				7		
Somerville, Mass.	do	61,645	19	2	2			6		4			15		
South Bend, Ind.	do	36,999	18	2	2					1			16		
So. Omaha, Nebr.	do	26,001								1					
Spokane, Wash.	Feb. 6	38,848	21					15		15			21		
Springfield, Ill.	Feb. 12	34,159	9					1							
Springfield, Mass.	Feb. 13	62,059	22		1	3				3			9		
Springfield, Ohio.	do	38,253	12	3	4	2	1								
Steelton, Pa.	do	12,068	4		1									1	
Taunton, Mass.	do	16	2							1					
Terre Haute, Ind.	do	36,673	19		2			6		1	1				
Tiffin, Ohio.	do	10,898						5		2					
Titusville, Pa.	do	8,244	2					3							
Topeka, Kans.	Feb. 6	33,608	11		3			2		3			1		
Do	Feb. 13	33,608	10	2	1										
Trenton, N. J.	do	73,307			1	5	1	1		2					
Waltham, Mass.	do	23,481	8					3		3			6		
Washington, D. C.	Feb. 13	278,718	129	18	17	12	2	23	2	11	2	465	2		
Wheeling, W. Va.	Feb. 6	38,878	9	6	1	1		3		1			2		
Do	Feb. 13	38,878	12	3		1		1		1			4		
Wichita, Kans.	do	24,671						3							
Wilkes-Barre, Pa.	Feb. 3	51,721	14	9				3		5			31		1
Do	Feb. 12	51,721	16	12		1		5		4			26		1
Wilkinsburg, Pa.	Feb. 14	13,000	3	9		2		2		1			3		
Williamsport, Pa.	Feb. 13	28,757	13	1				2					1		
Wilmington, Del.	do	76,608	18		1										
Winona, Minn.	Feb. 16	19,714	1												
Woburn, Mass.	Feb. 13	14,254	4	1											
Worcester, Mass.	Feb. 6	118,421	44	7	1	1		3		9			3		8
Do	Feb. 13	118,421	43	8	3			7		6			5		
York, Pa.	do	33,708		1		1		3		1					

FOREIGN AND INSULAR.

CURRENT QUARANTINE MEASURES.

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

CHOLERA.

BULGARIA.—December 31. Travelers from Russia admitted at the ports of Varna, Silistria, and Rustchuk after medical inspection and disinfection of effects. They are subject also to five days' medical supervision at their places of destination. All articles of food and animal products admitted. Vessels arriving from Russian ports having clean bills of health and no history of cholera cases on board during voyage shall be admitted to free pratique after medical inspection of crew and passengers and disinfection as prescribed above. All previous requirements are suspended.

GERMAN EMPIRE.—January 23. Decree of September 11, 1908, under which vessels arriving at German ports from Russian ports of the Black Sea and the Sea of Azov were made subject to medical inspection of crew and passengers before receiving free pratique, is suspended.

JAPAN.—December 29. The German consul-general at Seoul has suspended the sanitary police control of German vessels arriving from Moji and the port of Tschemulpo which was ordered September 9, 1908.

MALTA.—January 9. Batoom and Novorossysk no longer considered infected.

TURKEY.—January 12. Importation of hair, rags, wool, old clothing, and old newspapers again permitted.

PLAGUE.

AUSTRIA.—January 9. Arrivals from Beirut subject at Trieste to requirements of circular of August 12, which circular is based on requirements of Paris Convention of December 3, 1904.

EGYPT.—January 12. The returning pilgrimage of this year declared plague infected and subjected to plague regulations.

MALTA.—January 5. The port of Beirut declared plague infected, and vessels and passengers from said port made subject to sanitary police measures.

BARBADOS.

Reports from Bridgetown—Status of yellow fever.

Consul Martin reports, January 28, and February 3 and 5:

Since January 18, there have been 7 additional cases of yellow fever reported. Three of these were reported as fatal. The disease has spread to some extent and is now in the parish of St. Joseph.

There has been one case in the port of Bridgetown, but the patient had spent some days in the infected district.

The number of cases in the last ten days exceeds that for any similar period since the outbreak.

February 3. Since January 28 there have been 9 cases of yellow fever reported, 5 of them being in the city of Bridgetown. This makes 26 in all.

The disease prevailing here has been pronounced yellow fever by the health authorities, and is on the increase. It has not attacked a European or American, being confined strictly to the native born, and quite largely to negroes.

BRAZIL.

Reports from Rio de Janeiro—Inspection of vessels—Mortality—Plague and smallpox—Smallpox epidemic under control.

Acting Assistant Surgeon Stewart reports, January 16 and 21:

Two weeks ended January 10. Vessels inspected and received bills of health: December 30 the British steamship *Newton*, for New Orleans, in cargo of coffee, with no passengers, and with 3 new members of the crew signed on while in this port; January 2, 1909, the British steamship *Tennyson*, for New York, with cargo of coffee, and 9 cabin and 27 steerage passengers from this port and no change in the crew personnel; on the same date the American schooner *Margaret Thomas*, for Port Tampa, Fla., in ballast, with no change in the crew personnel; January 4, the British steamship *Corn Exchange*, for New York, in coffee cargo, with no passengers, and with 1 new member of the crew taken on in this port; and on January 8, the British steamship *Newton Hall*, for Baltimore, with a cargo of manganese ore, no passengers, and with no change in the personnel of the crew.

Week ended January 17. Vessels inspected and received bills of health: January 12 the American *Mine Planter Col. George Armistead*, bound for San Francisco, Cal., in ballast, with no passengers and no change in the personnel (belonging to the Quartermaster Department, U. S. Army); January 12, the American *Mine Planter Major Samuel Ringgold*, for San Francisco, Cal., in ballast, with no passengers and no change in the personnel (also belonging to the Quartermaster Department, U. S. Army); and on the same date the British steamship *Afghan Prince*, for New York, in cargo of coffee, with no passengers from this port, and with one new member of the crew taken on here; January 15, the British steamship *Celtic Princess*, for New York, in coffee cargo, with no passengers, but with 17 cattlemen taken on here to care for cattle to be landed at the port of Para. No other vessels left this port bound for American ports during the week.

Mortality, city of Rio de Janeiro—Plague and smallpox.

Week ended January 3. Total estimated population, 811,443. Census population, 1907, 628,675. Total deaths, 317. No deaths due to yellow fever. Smallpox caused 36 deaths with 63 new reported cases, of which number 16 occurred in the suburbs. Plague caused 4 deaths with 7 new reported cases. At the close of the week there were in the Hospital São Sebastião 128 cases of smallpox and 18 cases

of plague; in the Hospital Paulo Candido, 14 convalescent cases of smallpox, and in the Hospital Engenho de Dentro, 41 cases of smallpox under treatment.

Week ended January 10. Total deaths, 272. No yellow fever. Smallpox caused 24 deaths with 62 new reported cases. Plague caused 1 death with 1 new reported case. At the close of the week there were in the Hospital São Sebastião 102 cases of smallpox and 8 cases of plague; in the Hospital Engenho de Dentro, 33 cases of smallpox, and in the Hospital Paula Candido, 7 convalescent cases of smallpox.

The epidemic of smallpox may now be considered as well under control. To the end of December there were 6,545 deaths from smallpox.

Week ended January 17. Total deaths, 272. No cases nor deaths reported due to yellow fever. One death from plague with 3 new reported cases; 23 deaths from smallpox with 69 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 97 cases of smallpox and 7 of plague; in the Hospital Engenho de Dentro, 20 cases of smallpox, and in the Hospital Paula Candido, 2 convalescent cases of smallpox.

BRITISH GUIANA.

Report from Georgetown—Status of yellow fever at Paramaribo, Dutch Guiana.

Consul Clare reports, January 13:

The consular agent at Paramaribo, Dutch Guiana, states that the official report of January 13 shows 29 cases of yellow fever as having occurred since the outbreak on December 17, 1908. Of this number, 7 cases terminated fatally, 21 cases recovered, and 1 case remains under treatment. The last case was isolated January 8.

CHINA.

Reports from Shanghai—Inspection of vessels—Smallpox—Plague—Infected rats—Precautions to prevent infection of vessels—Smallpox on transport Seward—Typhus fever at Tientsin.

Acting Assistant Surgeon Ransom reports, January 5 and 12:

Week ended January 2. Supplemental bills of health issued to 3 steamships having an aggregate personnel of 403. Two of these vessels, the *Meinam* and the *Indrawali*, were inspected in the stream, where they had been required to remain during their stay at Shanghai, immediately prior to sailing. The remaining vessel, the *Chiyo Maru*, bound to San Francisco, remained at Woosung during her stay in this port, and the communication of the vessel with Shanghai was limited to cabin passengers and a few of the European officers; hence only those leaving Shanghai proper were inspected, and this was done on board the tender for the ship at the hour of sailing.

All loading at Shanghai was carried on as much as possible by daylight.

The personnel inspected during the week amounted to 114 members of crews and 3 cabin and 11 steerage passengers.

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

Plague-infected rats continue to be found, and the area over which they are distributed seems to be increasing.

The district in which the greatest number of infected rats have been found is occupied by the poorer class of natives as residences and shops, but the shops of the compradores, who furnish supplies to the shipping and the wharves, are also in this section. Infected rats have, however, been found in the heart of the business section, in which, among other concerns, the large packing establishments which prepare cargo for shipment to American and European ports are situated. They have also been found in the so-called American settlement occupied by foreigners and Chinese. In the immediate vicinity of the largest foreign hotel in Shanghai a considerable number of infected animals have been found.

Nothing is known as to the existence of plague rats in the French settlement, as the municipal health department has no jurisdiction there, and no information is obtainable as to the conditions existing at Pootung, which is across the river from the international settlement, in Chinese territory, and beyond the jurisdiction of the foreign authorities. No unusual mortality is reported among the rats in this section, but there are extensive wharves and go-downs in Pootung used both by local steamships and those bound to and from foreign ports.

Reports from Tientsin dated December 21 and 26 show that 7 cases of typhus fever were reported during the period covered by the report. This report included only the Japanese settlement. The report for the earlier period showed 1 case of typhus, the Japanese and British concessions both reporting.

Reports from Hankau for the week ended December 26 show no quarantinable diseases.

Week ended January 9. One original bill of health and 2 supplemental bills granted to 3 steamships having an aggregate personnel of 506. Among these vessels was the United States Army transport *Seward*, which was in this port for some weeks undergoing extensive repairs.

Three cases of smallpox developed among the crew of the *Seward* during the month of December, the last case occurring on December 28. During the period in which these cases were developing, the personnel of the vessel was quartered ashore, and the quarters of the crew, etc., were thoroughly repainted before being occupied. The crew was bathed and all of their effects and all of the ship's bedding were disinfected with steam before being placed on board; hence it was not considered necessary to disinfect the living quarters.

The entire personnel of the *Seward* was vaccinated by the surgeon of the vessel at the time of the development of the first 2 cases of smallpox, 44 of which showed good "takes" at my inspection of them. Those which appeared negative were revaccinated the day before the vessel sailed.

There were inspected during the week 179 members of crews, and 15 cabin and 15 steerage passengers; 56 members of crews were bathed; 211 packages of personal effects and 179 pieces of ship's bedding were steamed. Manifests were viséed for 2,260 packages of freight.

The weekly report of the municipal health department shows among foreigners 1 new case of smallpox.

No cases of plague have been officially reported among human beings. Plague-infected rats continue to be found, and deaths from plague are said to have occurred among natives. All possible precautions are being insisted upon by this office to prevent infection of vessels bound to American ports, by means of rats or cargo.

CUBA.

Report from Cienfuegos—Inspection of vessels.

Acting Assistant Surgeon Suarez reports, February 15:

Week ended February 13.

Vessels inspected.....	4
Bills of health issued.....	4
Members of crews inspected.....	114

No quarantinable diseases were reported during the week.

Report from Habana—Inspection of vessels—House and water-deposit inspection—Stegomyia calopus present.

Passed Assistant Surgeon Amesse reports, February 15:

Week ended February 13.

Vessels inspected.....	24
Bills of health issued.....	27
Members of crews of outgoing vessels inspected.....	1,207
Passengers of outgoing vessels inspected.....	1,293

All sanitary measures which originated with the provisional government are being carried out by the new government. There has been a considerable change in the personnel.

During the week 10,260 premises were inspected in Habana, resulting in the discovery of only 12 deposits of the larvæ of *Stegomyia calopus*.

Report from Matanzas—Inspection of vessels.

Acting Assistant Surgeon Nuñez reports, February 15:

Week ended February 13.

Bills of health issued to 8 vessels leaving for United States ports.

No quarantinable diseases were reported during the week.

Report from Santiago—Inspection of vessels.

Acting Assistant Surgeon Wilson reports, February 9:

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

GERMANY.

Report from Berlin—Status of cholera in Russia.

The following is received from Consul-General Thackara, under date of February 8:

During the week ended January 16 there were registered in the city of St. Petersburg 178 fresh cases of cholera (with 46 deaths), 2 cases in the city of Cronstadt, 6 cases and 4 deaths in Tomsk, and in the Don territory 20 cases (7 deaths), making a total of 206 cases and 57 deaths. According to a supplementary report, the total number of cases of cholera registered in the Russian Empire during the week amounted to 122, with 54 deaths.

GUATEMALA.

Report from Guatemala City—Epidemic smallpox.

Consul Kent reports, February 10:

Smallpox exists in epidemic form in this city and throughout the Republic. There are no official reports made of the number of cases and deaths. When the disease became widely diffused the Government compelled general vaccination, but after many thousands of persons had been vaccinated the vigilance of the authorities relaxed and the disease is again reported as widespread.

INDIA.

Reports from Calcutta—Transactions of service—Cholera, plague, and smallpox—Plague in India and Bengal.

Acting Assistant Surgeon Eakins reports, January 21 and 28:

During the week ended January 16 a bill of health was issued to the steamship *Rotenfels*, bound for Boston and New York, with a total crew of 68, and to the steamship *Sutlej*, bound for Habana, Cuba, with a total crew of 88, and 860 emigrants for the West Indies. The usual precautions were taken, the holds fumigated, rat guards placed on the wharf lines on the former vessel, and the Asiatics' effects disinfected.

Week ended January 23. Bill of health issued to the steamship *Angola*, bound for Galveston, with a total crew of 31, and to the steamship *Trantenfels*, bound for Boston and New York, with a total crew of 57. The usual precautions were taken, the holds fumigated, rat guards placed on the wharf lines, and the Asiatics' effects disinfected.

Week ended January 9. At Calcutta, there were 11 deaths from cholera, 14 from plague, and 31 from smallpox. In Bengal, 201 cases and 179 deaths from plague. In India, 2,606 cases and 2,155 deaths from plague.

Week ended January 16. At Calcutta, 15 deaths from cholera, 18 from plague, and 117 from smallpox. In Bengal, 220 cases of plague with 188 deaths. In India, 2,530 cases of plague with 1,991 deaths.

Report on plague in Calcutta during the year 1908—General plague conditions—Precautions against infection by rats.

The following is received from Consul-General Michael, under date of January 14:

The history of plague in Calcutta dates back to 1896, a period of only twelve years, and officially to 1898. During that period it has carried off over 60,000 victims notwithstanding the strenuous efforts of the plague department of the Calcutta corporation to organize measures for stamping out the disease.

The report by the special health officer to the corporation for the year ended June 30, 1908, states that the plague mortality for the year was the lowest on record since plague first visited this city. A striking feature of this report is the statement of the fact that the virulence of the disease suddenly subsided at the height of the epidemic. This will be better understood when it is explained that there are two well-defined periods, the "quiescent" and the "active." The latter extends from March to June; and it was in April, 1908, that there was a sudden cessation in its virulence. The health officer accounts for this as follows: "The reduced mortality seems to have been due to the lessened severity of the outbreak and not to an equal reduction in mortality throughout the successive stages of the recrudescence."

During the period of the year when Calcutta is comparatively free from plague the disease has in most years been rife in some of the provincial towns. This goes to show that Calcutta is not the infecting center and that the annual recrudescence commences earlier in certain provincial areas than it does in this city. During the past year, for example, the disease developed severely in Saran, Shahabad, Mozafferpur, Patna, and Monghyr for many weeks in advance of Calcutta. This is borne out by the fact that the number of cases imported into the city was as large during the "quiescent" period as in the "active." The impression, therefore, that the officers of the plague department are occupied only during the "active" period is founded upon a misconception of their duties. Their inquiries into the causes of all deaths occurring in the city, except hospital cases and deaths from cholera and smallpox, continue steadily throughout the year. With the heightened mortality of the plague their work increases, and it becomes necessary to appoint other temporary officers to meet the situation. The work of disinfection is now carried on very thoroughly, but there was little difference in the incidence of plague throughout the city during the past year as compared with previous outbreaks. The northern half of the city was, as usual, much more severely attacked than other portions, but the report says, "not a ward in the city escaped. The southern wards were proportionately less affected than previously, but there was the same tendency for certain wards to be attacked as before."

The tables relating to the incidence of the disease throw a curious light on the indiscriminate nature of the attacks. "From 20 to 60 years," says the report, "there seems to be an equal susceptibility to the disease. Youth is a small protection, but old age none. The mortality is greater at the extremes of life, and especially in old age." The "caste" tables show that Hindus are more susceptible to the disease than Mohammedans and Christians, the deaths being 1,458, 345, and 5, respectively.

An important step taken during the past year was a decision to compel the owners of grain go-downs to pave their floors in order to prevent the ingress of rats. The committee appointed by the local government to revise the Calcutta building regulations recommended that the floors of all warehouses used for the storage of articles intended for human consumption should be paved with some impermeable material. This recommendation was carried out during the year under report. There is now some hope that rats will be excluded from these centers of infection.

ITALY.

Report from Naples—Inspection of vessels and examination of emigrants at Naples and Genoa—Smallpox at Naples—Status of smallpox in Italy.

Assistant Surgeon Wollenberg reports, February 2:

Vessels inspected at Naples and Genoa, week ended January 30.

NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Jan. 24	Barbarossa.....	New York.....	973	80	1,350
25	Italia.....	do.....			
25	Ancona.....	Philadelphia.....	1,141	70	1,650
27	Canopic.....	Boston.....	1,104	45	1,280
28	Snowdonian.....	New York.....			
28	Hamburg.....	do.....	882	90	1,450
28	Indiana.....	do.....	1,255	70	1,520
	Total.....		5,355	355	7,250

GENOA.

Jan. 24	Duca di Genova.....	New York.....	1,259	50	930
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Rejections recommended.

NAPLES.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Suspected favus.	Other causes.	Total.
Jan. 24	Barbarossa.....	29	2	14	1	4	50
25	Italia.....						
25	Ancona.....	25	3	16	1	10	55
27	Canopic.....	25	3	8		4	40
28	Snowdonian.....						
28	Hamburg.....	20	2	16	1	3	42
28	Indiana.....	26	2	8		8	44
	Total.....	125	12	62	3	29	231

GENOA.

Jan. 24	Duca di Genova.....	24	2	14		5	45
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Smallpox in Naples.—During the week ended January 31, 29 cases of smallpox and 8 deaths were reported at the health office of the city of Naples. Total number reported during month of January, 1909, 125 cases, 17 deaths. From the time of the introduction of the disease from Marseille, June 13, 1908; the total number of cases has been 392, with 59 deaths.

Status of smallpox in Italy.—Week ended January 31.

Province of Aquila (Pescina), 1 case. Novara (Collobiano), 1 case, Brescia (Quinzanello), 1 case.

JAPAN.

Report from Kobe—Inspection of vessels—Summary of plague at Osaka and Hiogo in 1908—Plague at Nishinomiya—Plague rats.

Acting Assistant Surgeon Knight reports, January 26:

During the week ended January 23 supplemental bills of health were granted to 4 steamships. There were inspected 188 members of crews and 4 steerage passengers. Twenty-seven members of crew were bathed and disinfected. Their effects were disinfected by steam. The number of pieces of baggage steamed was 34. Manifests were viséed for 41,346 pieces of freight, amounting to 3,311 tons.

There were 2 cases of plague with 2 deaths in Kobe January 20.

The annual report of the health department of the Japanese Government for the year 1908 shows that in the Kobe consular district there was a total of 80 cases of plague in the Osaka prefecture. The latest reported were 2 cases and 1 death December 22, 1908.

Total cases of plague at Hiogo prefecture, 255; Nara prefecture, 16; and Tokushima prefecture, 1. Plague rats during the last year: In Osaka prefecture found, 4,168; in Hiogo prefecture found, 2,047; and in Nara prefecture found, 56.

The last case of plague reported in Nishinomiya was a single case January 6, 1909. There was reported a total of 53 cases of plague; total deaths, 47; rats caught, 13,500; rats examined, 5,078; plague rats found, 130. Quarantine has been removed, and the town is now free from plague.

MEXICO.

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

The following is received from Dr. Eduardo Liceaga, president of the superior board of health of Mexico, under date of February 10:

During the week ended February 6, 1 death from yellow fever was reported at the city of Merida, and 1 case, 1 death at Ticul, 75 kilometers distant from Merida.

PERU.

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

Acting Assistant Surgeon Gutierrez reports, January 23 and 31:

Week ended January 16. Two steamships and one American schooner were fumigated. They carried an aggregate personnel of 156 members of crews, and 79 cabin and 48 steerage passengers.

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

Locality.	Cases Jan. 1.	New.	Recov-ered.	Died.	Remain- ing Jan. 14.
Lima	9	5	6	2	6
Callao		5		1	4
Trujillo (city)	43	5	12	9	39
Trujillo (country)		12			
San Pedro	11	3	2	3	9
Chepen	3	1	2		2
Chiclayo	1	7	1	2	5
Ferreñafe	1				1
Mollendo	2	1			3
Paita	1		1		
Motupe	1	1			2
Piura	2	1		1	2
Catacaos	3	1			4
Chota	8				8
Zaña	1				1

Three cases of smallpox were isolated in the lazaretto at Lima January 16. In Callao there are no new cases.

Since my last report 5 cases of plague with 3 deaths have occurred at Callao. There have been 10 cases during this month.

Bills of health report 5 cases of plague in the lazaretto at Iquique, Chile. There have been 5 cases and 1 death in two weeks.

Week ended January 23. Bills of health were issued to 5 vessels with an aggregate personnel of 255 members of crew and 126 cabin and 42 steerage passengers. Three of those vessels were fumigated.

Bills of health at Iquique, January 17, report 10 cases of plague in the lazaretto, 6 cases in two weeks.

Since my report of January 3, 3 new cases of plague with 2 deaths have occurred at Callao. There have been 13 cases of plague during the month of January.

PHILIPPINE ISLANDS.

Report from Manila—Quarantine transactions in the islands during the month of November, 1908.

Chief Quarantine Officer McClintic reports, December 28:

Quarantine transactions of the service in the Philippine Islands during the month of November, 1908.

PORT OF MANILA.

Bills of health issued	306
Vessels inspected	90
Passengers on arriving vessels inspected	2, 528
Persons vaccinated	250
Members of crews on arriving steamships inspected	5, 117
Members of crews on arriving sailing vessels inspected	6
Persons quarantined for observation, suspects and contacts	63
Persons bathed and effects disinfected	394
Persons remaining in quarantine from October	35
Persons in quarantine	98
Vessel remaining in quarantine from October	1
Vessels in quarantine	2
Steamship disinfected	1
Steamships partially disinfected	2
Steamships fumigated to exterminate vermin	5

Cases of quarantinable diseases detected on vessels.....	0
Pieces of baggage disinfected.....	639
Pieces of baggage inspected and passed.....	102
Steamships sailing without quarantine, inspected and passed.....	31
Vessel disinfected.....	3
Members of crews on vessels inspected.....	1, 168
Passengers on vessels inspected.....	724
Members of crews bathed and effects disinfected.....	178
Passengers bathed and effects disinfected.....	40
Cases of quarantinable diseases detected among persons in detention.....	0
Pieces of baggage disinfected.....	1, 19 ⁴
Pieces of baggage inspected and passed.....	1, 84 ¹
Pieces of miscellaneous cargo certified.....	37, 83 ¹

PORT OF ILOILO.

Bills of health issued.....	8
Vessels inspected.....	17
Passengers on arriving vessels inspected.....	487
Members of crews on arriving steamships inspected.....	929

PORT OF CEBU.

Bills of health issued.....	2
Vessels inspected.....	16
Passengers on arriving vessels inspected.....	85
Members of crews on arriving steamships inspected.....	1, 186
Members of crews on arriving sailing vessels inspected.....	2, 758
Members of crews on arriving sailing vessels inspected.....	00
Persons bathed and effects disinfected.....	120
Persons detained in quarantine.....	532
Persons vaccinated.....	1 3
Steamships disinfected.....	1
Steamship fumigated to exterminate vermin.....	1
Sailing vessel fumigated to exterminate vermin.....	6
Vessels entering quarantine.....	0
Cases of quarantinable diseases detected on vessels.....	0
Pieces of baggage disinfected.....	37 ⁰
Pieces of baggage inspected and passed.....	5 ³

PORT OF CAVITE.

Bills of health issued.....	6
Vessels inspected.....	4
Passenger on arriving vessel inspected.....	1
Members of crews on arriving steamships inspected.....	1, 200
Port of Olongapo. No transactions.	
Port of Davao. No transactions.	

PORT OF ZAMBOANGA.

Vessels inspected.....	5
Passengers on arriving vessels inspected.....	119
Members of crews on arriving steamships inspected.....	266
Members of crews on arriving sailing vessels inspected.....	14

PORT OF JOLO.

Vessels inspected.....	7
Passengers on arriving vessels inspected.....	116
Members of crews on arriving steamships inspected.....	350

RUSSIA.

Report from Libau—Status of cholera in Russia—Typhus fever spreading in government of Moscow—Examination of emigrants.

Acting Assistant Surgeon De Forrest reports, February 1:

Reports of cholera received from St. Petersburg for the week ended January 29 show for the 5 days from January 25 to 29, 135 cases with 49 deaths. Cholera was also reported from the district of Bronnitsa, in the government of Moscow, with 8 cases and 5 deaths from January 13 to 27. At Novo Tscherkask from January 14 to 28, 18 cases were reported, and at Wosnessenskja, January 30, 4 cases with 2 deaths.

Typhus fever is spreading in the government of Moscow.

A steamship leaves Libau for New York February 9, with about 700 passengers. Of these 50 have been already examined.

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

AFRICA—*Transvaal—Johannesburg.*—Two weeks ended January 9, 1909. Estimated population, 180,687. Total number of deaths, 180, including enteric fever 8, and 29 from tuberculosis.

AZORES—*St. Michaels.*—Month of November, 1908. Estimated population, 131,183. Total number of deaths, 231, including enteric fever 4, scarlet fever 2, and 9 from tuberculosis.

Month of December, 1908. Total number of deaths, 239, including enteric fever 1, scarlet fever 1, whooping cough 1, and 7 from tuberculosis.

BRAZIL—*Ceara.*—Month of December, 1908. Estimated population, 50,000. Total number of deaths, 103, including enteric fever 3, whooping cough 2, and 13 from tuberculosis.

São Paulo, Santos, and Campinas.—Three weeks ended December, 27, 1908. Estimated population, 300,000. Total number of deaths, 609, including measles 6, enteric fever 3, smallpox 12, whooping cough 3, diphtheria 1, and 39 from tuberculosis.

GREAT BRITAIN—*England and Wales.*—The deaths registered in 76 great towns in England and Wales during the week ended January 30, 1909, correspond to an annual rate of 18.0 per 1,000 population, which is estimated at 16,445,281.

London.—One thousand six hundred and fifty-three deaths were registered during the week, including measles 82, scarlet fever 7, diphtheria 16, enteric fever 3, whooping cough 29, tuberculosis 180, and 10 from diarrhea. The deaths from all causes correspond to an annual rate of 17.8 per 1,000. In greater London 2,263 deaths were registered. In the "outer ring" the deaths included 5 from measles, 5 from diphtheria, enteric fever 3, and 4 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended January 30, 1909, in the 21 principal town districts of Ireland was 22.5 per 1,000 of the population, which is estimated at 1,142,308. The lowest rate was recorded in Ballymena, viz, 4.8, and the highest in Dundalk, viz, 47.9 per 1,000.

Scotland.—The deaths registered in 8 principal towns during the week ended January 30, 1909, correspond to an annual rate of 17.2 per 1,000 of the population, which is estimated at 1,839,038. The highest rate of mortality was recorded in Dundee, viz, 18.5 and the lowest in Leith, viz, 11.6 per 1,000. The aggregate number of deaths registered from all causes was 616, including diphtheria 10, scarlet fever 4, whooping cough 34, and measles 1.

MALTA.—Two weeks ended January 30, 1909. Estimated population, 209,974. Total number of deaths, 207, including enteric fever 2, and 13 from tuberculosis.

NEW ZEALAND—Auckland.—Month of November, 1908. Estimated population 73,032. Total number of deaths, 52, including enteric fever 1, scarlet fever 1, and 3 from tuberculosis.

Wellington.—Month of November, 1908. Estimated population 70,947. Total number of deaths, 40, including 4 from tuberculosis.

Christchurch.—Month of November, 1908. Estimated population 59,544. Total number of deaths, 49, including diphtheria 1, and 4 from tuberculosis.

Dunedin.—Month of November, 1908. Estimated population 59,495. Total number of deaths, 41, including measles 2, and 6 from tuberculosis.

TERRITORY OF HAWAII.—Report for the twelve months ended June 30, 1908. Official population 1900, 154,001. Total number of deaths, 2,760, including bubonic plague 7, cholera 1, diphtheria 12, measles 19, enteric fever 124, leprosy 41, and 351 from tuberculosis.

VENEZUELA—Maracaibo.—Two months ended January 26, 1909. Estimated population 49,817. Total number of deaths, 103, including tuberculosis 20, enteric fever 6, and 1 from diphtheria.

WEST INDIES—Jamaica—Kingston.—Month of January, 1909. Estimated population, 52,065. Total number of deaths, 161, including enteric fever 2, and 18 from tuberculosis.

Cholera, yellow fever, plague, and smallpox, from December 26, 1908, to February 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. 2....	1	1	
India:				
Bombay.....	Dec. 9-Jan. 26....		73	
Calcutta.....	Nov. 1-Jan. 16....		111	
Madras.....	Nov. 14-Jan. 8....		50	
Negapatam.....	Oct. 31-Nov. 6....		1	
Rangoon.....	Nov. 8-Jan. 16....		12	
Indo-China—Cholen	Nov. 9-15.....		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. 12....	255	160	
Bataan.....	Nov. 1-7.....	1	1	
Bohol.....	Dec. 20-Jan. 12....	60	37	
Bulacan.....	Nov. 1-Dec. 19....	81	67	
Cagayan.....	Nov. 1-Jan. 12....	109	64	
Capiz.....	Nov. 1-Jan. 2....	908	495	
Cavite.....	Nov. 1-Jan. 12....	73	56	
Cebu.....	Dec. 20-Jan. 12....	12	8	
Ilocos Norte.....	Nov. 1-Jan. 12....	331	231	
Ilocos Sur.....	Nov. 1-Jan. 2....	207	140	
Iloilo.....	Nov. 1-Jan. 12....	292	153	
La Laguna.....	Nov. 1-Jan. 12....	71	46	
Leyte.....	Nov. 1-Jan. 12....	142	121	
Negros Occidental.....	Nov. 1-Jan. 2....	261	166	
Palawan.....	Nov. 1-Dec. 19....	10	5	
Pampanga.....	Nov. 1-28.....	3	3	
Rizal.....	Nov. 1-Jan. 12....	205	184	
Samar.....	Nov. 1-Dec. 26....	140	98	
Surigao.....	Nov. 15-Jan. 12....	7	4	
Union.....	Nov. 1-Jan. 12....	12	8	
Zambales.....	Dec. 6-12.....	3	3	
Russia, general.....	Nov. 15-Jan. 23....	3,402	1,434	Dec. 1, 3 cases are reported present at Riga. From 1 to 4 cases are reported weekly from the following places:
Amolinsk.....	Nov. 15-Dec. 19....	29	13	Schuscka, Dnjeprorsk (Simferopol), Bijsk, Smejnogorsk, Barnoul, Pokrowsk, Jusowska, Etschmiadsin, and Dorpat.
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. 23....	177	89	
Ekaterinislav.....	Nov. 15-Dec. 26....	27	11	
Erivan.....	Dec. 1-31.....	28	21	
Helsingfors.....	Jan. 10.....	2		In vicinity.
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	
Moscow.....	Jan. 17-23.....	1		Imported.
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.
Saratov.....	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. 23....	1,230	415	Jan. 29, still present.
Tambov.....	Nov. 15-Dec. 12....		8	
Tavride.....	Nov. 15-Dec. 19....		5	
Terek, territory of.....	Nov. 15-Dec. 19....		62	
Tiflis.....	Nov. 15-21.....		4	
Tomsak.....	Nov. 15-Jan. 23....	102	48	

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

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Russia—Continued.				
Tver, district	Nov. 15-Dec. 5....	4	.....
Volgoda	Dec. 6-12.....	1	.....
Yelisaevopol	Nov. 26-Dec. 5....	5	10	
Siam:				
Bangkok	Nov. 1-30 .....	.....	.....	Present.
Straits Settlements:				
Singapore	Nov. 8-Jan. 9 .....	.....	145	

YELLOW FEVER.

Barbados:				
Bridgetown	Dec. 12-Feb. 5	26	5	Dec. 27-Jan. 15, 9 cases and 4 deaths in parish of St. Lucy and 1 case in parish of St. Andrew. Feb. 5, present in St. Joseph Parish.
Brazil:				
Bahia	Nov. 15-Jan. 16....	53	18	Feb. 1. Epidemic.
Manaos	Nov. 29-Dec. 19....	.....	3	
Para	Nov. 22-Jan. 30....	27	27	
Pernambuco	Nov. 15-30 .....	.....	1	
Colombia:				
Cartagena	Jan. 8-14.....	1	1	
Cuba:				
Oriente Province—				
San Luis	Jan. 1-2	2	1	These cases were removed Dec. 28 and 29, respectively, to Santiago, where 1 case died Dec. 31.
Curacao	Jan. 15	1	.....
Dutch Guiana:				
Paramaribo	Dec. 1-Jan. 11....	29	7	
Ecuador:				
Guayaquil	Nov. 29-Jan. 30 .....	.....	15	
Martinique:				
Fort de France	Dec. 13-Jan. 30	3	1	
Mexico:				
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-Feb. 6	13	7	
San Bernardo plantation	Dec. 27-Jan. 30	4	2	
Sodzil plantation	Dec. 13-Jan. 2	7	5	
Ticul	Feb. 1-6	1	1	
Veracruz	Dec. 6-Jan. 30	12	5	
Trinidad:				
Port of Spain	Jan. 20 .....	.....	1	

PLAGUE.

Australia:				
Brisbane	Nov. 1-7	1	1	
Brazil:				
Bahia	Nov. 15-Jan. 9	23	12	Feb. 1. Epidemic.
Para	Jan. 24-30	1	1	
Pernambuco	Nov. 1-Dec. 31 .....	.....	10	
Rio de Janeiro	Nov. 16-Jan. 17	57	29	
Chile:				
Iquique	Nov. 22-Jan. 17	18	3	
China:				
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.
Ecuador:				
Guayaquil	Nov. 29-Jan. 30 .....	.....	17	
Milagro	Nov. 17-Dec. 12	17	8	Dec. 19, still present.
Egypt:				
Alexandria	Nov. 14-Dec. 4....	3	.....
Port Said	Dec. 4	1	.....
Provinces—				
Assiout	Dec. 2-Jan. 1	3	3	
Beherach	Nov. 24-Dec. 26	11	6	
Galyoobeeyeh	Nov. 21-Jan. 6....	2	.....
Garbleh	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	85	
Minieh	Nov. 25-Dec. 29	1	.....

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

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
India:				
Bombay Presidency and Sind.	Nov. 2-Jan. 9.....	10,519	7,444	
Madras Presidency.....	Nov. 2-Jan. 9.....	634	475	
Bengal.....	Nov. 2-Jan. 9.....	1,261	1,064	
United Provinces.....	Nov. 2-Jan. 9.....	1,164	985	
Punjab.....	Nov. 2-Jan. 9.....	4,691	3,904	
Burma.....	Nov. 2-Jan. 9.....	1,129	1,093	
Central provinces, including Berar.	Nov. 2-Jan. 9.....	1,818	1,356	
Coorg.....	Nov. 2-Dec. 17....	5	3	
Mysore State.....	Nov. 2-Jan. 9.....	1,845	1,301	
Hyderabad State.....	Nov. 2-Jan. 9.....	343	285	
Central India.....	Nov. 2-Jan. 9.....	555	438	
Rajputana.....	Nov. 2-Jan. 9.....	767	752	
Grand total.....		24,731	19,160	
Indo-China:				
Cholen.....	Oct. 25-Dec. 19....	12	11	Including Chuquan.
Saigon.....	Oct. 25-Dec. 26....	8	7	
Japan:				
Formosa.....	Nov. 8-Jan. 16....	23	11	Jan. 16, 5 cases in Kagi prefecture.
Hiogo.....				Year 1908, 219 cases additional.
Kobe.....	Jan. 20.....	2	2	
Nara.....				Year 1908, 2 cases additional.
Nishinomiya.....	Jan. 6.....	1	1	Year 1908, 53 cases.
Osaka.....	Dec. 22.....	2	1	Year 1908, 59 cases additional.
Mauritius:				
Mauritius.....	Oct. 2-Nov. 28....		64	
Peru:				
Callao.....	Nov. 13-Jan. 14....	10	1	Jan. 23, still present.
Catacaos.....	Dec. 11-Jan. 14....	4		
Chepen.....	Nov. 27-Jan. 14....	10	2	
Chiclayo.....	Nov. 13-Jan. 14....	16	8	
Eten.....	Nov. 13-Dec. 31....	11	10	
Ferrenafe.....	Nov. 13-Dec. 24....	9	8	
Lima.....	Nov. 13-Jan. 14....	34	10	
Mollendo.....	Nov. 13-Jan. 14....	6	2	
Monsefu.....	Nov. 13-Dec. 24....	7	2	
Motupe.....	Dec. 17-Jan. 14....	2		
Oyotun, plantation.....	Nov. 20.....	4		
Paita.....	Dec. 11-17.....	3	2	
Piura.....	Dec. 11-Jan. 14....	6	4	
San Jose (Lambayeque).....	Nov. 13-Dec. 3.....	2		
San Pedro.....	Nov. 13-Jan. 14....	23	16	
Trujillo.....	Nov. 13-Jan. 14....	104	43	
Siam:				
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. 24....	9	9	Feb. 3, still present.
Zanzibar.....	Nov. 10.....	1	1	

SMALLPOX.

Algeria:				
Algiers.....	Dec. 1-15.....		29	Imported.
Arabia:				
Aden.....	Nov. 25-Jan. 18....		52	
Argentina:				
Buenos Aires.....	Oct. 1-31.....		1	
Australia:				
New South Wales— Newcastle.....	Nov. 1-30.....	1		
Austria:				
Galicía.....	Dec. 20-Jan. 23....	8		
Silesia.....	Jan. 3-9.....	1		
Brazil:				
Bahía.....	Nov. 15-Jan. 16....	225	16	
Pernambuco.....	Nov. 1-Dec. 31....		62	
Rio de Janeiro.....	Nov. 16-Jan. 17....	1,165	563	
Santos.....	Nov. 1-Dec. 20....		10	
São Paulo.....	Nov. 1-Dec. 27....		36	
British Honduras:				
British Honduras.....	Feb. 5-11.....			Present at Stann Creek, 32 miles south of Belize.

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

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
British South Africa:				
Cape Town	Dec. 28-Jan. 2	4		
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-Feb. 13	43		
Tusketwedge	Feb. 13	1		
Yarmouth	Dec. 1-Feb. 20	26		And vicinity.
Quebec—				
Montreal	Dec. 26-Jan. 2	1		
Ceylon:				
Colombo	Nov. 1-21	62	13	
Chile:				
Talcahuana	Nov. 20-Jan. 2			Present in vicinity.
Valparaiso	Dec. 6-12	1		
China:				
Amoy	Oct. 11-Nov. 8		2	Dec. 19, still present.
Shanghai	Nov. 11-Jan. 10	4	1	3 cases Nov. 11-Dec. 28 from U. S. transport Seward.
Cuba:				
Habana	Dec. 26-Jan. 19	3		Case Dec. 26 on s. s. Floride; case Jan. 19 on s. s. Alfonso XIII.
Egypt, general	Nov. 12-Jan. 14	431	109	
Alexandria	Nov. 26-Jan. 14	13	7	
Cairo	Nov. 19-Jan. 21	167	69	
France:				
Marseille	Dec. 1-Jan. 31		2	
Paris	Nov. 22-Jan. 16	22	1	
Germany, general	Nov. 19-Jan. 30	16		
Bremen	Jan. 16-23	2		
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-Feb. 6	11	2	
Guatemala:				
Guatemala City	Dec. 21	600	200	Estimated, 2,800 cases; 840 deaths. Feb. 11, still present.
India:				
Bombay	Nov. 25-Jan. 26		39	
Calcutta	Nov. 1-Jan. 16		256	
Madras	Nov. 28-Jan. 22		3	
Rangoon	Nov. 22-Jan. 9		7	
Indo-China:				
Cholen	Nov. 15-Dec. 5	6	5	
Saigon	Nov. 1-Jan. 9	10	7	
Italy, general	Nov. 30-Feb. 7	143		
Cinquefrondi	Jan. 15-21	13		
Florence	Nov. 24-30	2		
Genoa	Dec. 1-Jan. 15	3		
Latrinole	Jan. 15-21	2		
Naples	Dec. 7-Jan. 31	186	37	Jan. 18, 1 case on s. s. Europa. Epidemic.
Polesella	Dec. 1			
Japan:				
Formosa	Nov. 29-Jan. 16	10		
Tokyo	May 8-Dec. 31	314		
Java:				
Batavia	Nov. 1-Jan. 9	30	3	
Malta:	Nov. 22-Jan. 23	2		Case Nov. 22 on vessel.
Manchuria:				
Dalny	Jan. 17-23	1		
Mexico:				
Acapulco	Jan. 11-24	10		
Guadalajara	Jan. 7-Feb. 11	5		
Mexico City	Nov. 8-Jan. 23		61	
Monterey	Jan. 4-Feb. 14	6	6	
Salina Cruz	Jan. 1-15	5		
Tehuantepec	Jan. 28-Feb. 3			Present.
Veracruz	Dec. 13-Jan. 9	3	2	
Yucatan (Camp Mengel)	Dec. 21	1		
Moluccas Islands	Dec. 12			Do.

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

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Netherlands, The:				
Rotterdam	Jan. 10-16	1 .....	.....
Newfoundland				
St. Johns	Jan. 10-Feb. 6	6 .....	.....	Feb. 9, epidemic on south coast. From s. s. Portia.
Norway:				
Bergen	Jan. 24-30 .....	.....	2	
Christiania	Nov. 22-28	1	1	
Paraguay:				
Asuncion	Dec. 20-26 .....	.....	.....	Present.
Persia:				
Hamadan	Oct. 2-Dec. 24	350	100	Estimated.
Kerman	Nov. 11 .....	.....	.....	Present.
Kermanshah	Oct. 1-31 .....	.....	.....	Do.
Sultanaabad	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 .....	.....	Jan. 16, 3 cases in the lazaretto.
Salaverry	Nov. 19-25 .....	.....	1	
Philippine Islands:				
Manila	Nov. 1-Jan. 12	10	5	Third quarter, 1908, 84 cases, 38 deaths.
Porto Rico:				
Mayaguez	Dec. 20-Jan. 2	2 .....	.....
Portugal:				
Lisbon	Nov. 30-Jan. 30	17 .....	.....	One case, Jan. 27, from s. s. Aragon.
Russia:				
Batoom	Dec. 1-31	1 .....	.....
Moscow	Nov. 29-Jan. 30	174	74	
Odessa	Jan. 3-23	19	3	
Riga	Nov. 29-Jan. 30	7 .....	.....
St. Petersburg	Nov. 15-Jan. 23	60	20	
Warsaw	Nov. 1-Dec. 19 .....	.....	25	
Servia:				
Belgrade	Dec. 6-12	2 .....	.....
Siam:				
Bangkok	Nov. 1-30 .....	.....	.....	Present.
Siberia:				
Vladivostok	Dec. 14-20	1 .....	.....
Spain:				
Barcelona	Dec. 6-Feb. 23 .....	.....	14	
Cartagena	July 1-31 .....	.....	15	
Madrid	Nov. 1-Jan. 31 .....	.....	35	
Valencia	Nov. 29-Jan. 30	28	8	
Vigo	Nov. 30-Jan. 30 .....	.....	7	
Straits Settlements:				
Singapore	Dec. 28-Jan. 2 .....	.....	1	
Turkey in Asia:				
Adalia	Sept. 24-27 .....	.....	2	Do.
Bassorah	Jan. 3-23 .....	.....	.....	Jan. 5, epidemic.
Smyrna	Oct. 7-Dec. 31 .....	.....	53	
Turkey in Europe:				
Constantinople	Dec. 7-Feb. 7 .....	.....	47	

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.		
Leipzig	Jan. 23	537,686	128	20							2	3				
Leith	Jan. 30	85,721	19													
Liege	Jan. 23	175,870	45	1												
Liverpool	Jan. 30	760,357	327	29												
London	do	4,823,988	1,653	180						3	5	2	4		4	
Lübeck	Jan. 23	96,000	30	5							7	16	8		23	
Lyons	do	472,114	213	37						1		2				
Madras	Jan. 8	509,346	367			1		1						1		
Do	Jan. 15	509,346	414											1		
Magdeburg	Jan. 23	250,494	88	11							3	3	1			
Manchester	Jan. 30	655,435	301	37						5	4	4	11			6
Mannheim	Jan. 16	181,612	42	10												
Matamoros	Feb. 6	8,600	1													
Mazatlan	Jan. 23	22,000	16													
Do	Jan. 30	22,000	6													
Moncton, N. B.	Jan. 2	13,500	2													
Do	Jan. 8	13,500	7	1												
Monterey	Feb. 7	100,000	68	3				1	1							
Montreal	Feb. 6	378,856	143	18						3	2	1	3		1	
Moscow	Jan. 23	1,335,104	842	127		1		15	6	3	20	14	8		5	
Nagasaki	Jan. 10	173,118	41									1				
Do	Jan. 17	173,118	25													
Nantes	Jan. 31	161,908	81	10							1					
Newcastle-on-Tyne	Jan. 23	281,584	102							1		3	2		2	
Do	Jan. 30	281,584	111							1		2	5		2	
Nottingham	Jan. 23	260,000	103							3						
Nuevo Laredo	Feb. 6	8,000	1													
Nuremberg	Jan. 16	316,180	116	11							3	2	4		2	
Ottawa	Jan. 30	80,200	31													
Do	Feb. 6	80,200	25													
Penang	Jan. 2	102,520	83	20						1						
Plymouth	Jan. 30	124,180	36							1			1		1	
Port Elizabeth	Jan. 16	32,959	15	3											1	
Prague	Jan. 2	229,571	134	24						2	1	1				
Do	Jan. 9	229,571	122	22						2	2	3				
Do	Jan. 16	229,571	117	24							1	1				
Progreso	Jan. 30	5,000	7													
Queenstown	do	7,694	4											1		
Rangoon	Jan. 9	252,155	174	5	12	1			3							
Rio de Janeiro	Jan. 3	811,443	317	56	4				36		4					
Do	Jan. 10	811,443	272	60	1				24		1		1			
Do	Jan. 17	811,443	272	54	1				23				3		2	
Rotterdam	Jan. 30	411,629	129							1	3					
Saigon	Jan. 2	208,000							1							
St. Johns, N. B.	Feb. 6	40,711	12													
Do	Feb. 13	40,711	16	2									1			
St. Petersburg	Jan. 16	1,678,000	975	149		55		2	2	21	28	24	17		11	
San Feliu de Guixols	Jan. 30	11,094	3	1												
Santiago de Cuba	do	45,497	12	1												
Do	Feb. 6	45,497	18	3												
Santos	Dec. 20	75,000	39						1							
Schiedam	Jan. 9	31,193	12													
Do	Jan. 16	31,193	16													
Do	Jan. 23	31,193	8													
Do	Jan. 30	31,193	15						1							
Shanghai	Jan. 2	544,500	132	15												
Sheffield	Jan. 23	440,000	171	15						1	2		11		2	
Do	Jan. 30	440,000	170	18						3	2	2	18		3	
Singapore	Dec. 26	260,000	261	22		16				1						
Do	Jan. 2	260,000	266	38		25		1		3						
Southampton	Jan. 30	124,667	43	4									1		1	
South Shields	Jan. 23	117,627	36	8									1		1	
Do	Jan. 30	117,627	33	6									1			
Stettin	Jan. 23	230,000	83	9							1	5	2			
Stockholm	Jan. 16	337,460	80	19												
Suez	Dec. 31	19,786	12													
Do	Jan. 7	19,786	11													
Do	Jan. 14	19,786	8													
Do	Jan. 21	19,786	4										2		7	
Sunderland	Jan. 23	159,137	51									1	2			
Do	Jan. 30	159,137	72	11									7			
Tegucigalpa	Feb. 2	24,000	5													

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.
Trieste.....	Jan. 16	216,680	113	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Jan. 23	216,680	85	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Venice.....	Jan. 9	176,815	97	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Jan. 16	176,815	112	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Veracruz.....	Jan. 16	32,000	32	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Jan. 23	32,000	37	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Victoria, B. C.....	Feb. 6	30,000	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vigo.....	Jan. 30	40,000	19	5	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
West Hartlepool.....	Jan. 23	66,750	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Jan. 30	66,750	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Winnipeg.....	Feb. 6	118,000	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yokohama.....	Jan. 18	378,884	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Zurich.....	Jan. 30	182,000	54	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

By authority of the Secretary of the Treasury:

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