

# PUBLIC HEALTH REPORTS.

## UNITED STATES.

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

*Report from Eastport, Me.—Smallpox in lumber camps in New Brunswick.*

Acting Assistant Surgeon Small reports, February 21, as follows:  
Smallpox of a mild type has been discovered in two lumber camps at Musquash, New Brunswick.

*Reports from Vanceboro, Me.—Smallpox on Canadian border—Train inspection.*

Acting Assistant Surgeon Young reports, February 11 and 16, as follows:

Week ended February 9, 1907. Inspected 18 passenger trains, carrying about 850 passengers; 58 passengers vaccinated; accepted official certificates of vaccination and nonexposure to smallpox infection in the case of 46. The epidemic is reported to be widespread in Victoria County, Nova Scotia. Two cases developed February 10 in Truro, Nova Scotia, 1 of which came from Maitland.

Week ended February 16, 1907. Inspected 18 passenger trains, carrying about 900 passengers; vaccinated 60; accepted official certificates of vaccination and nonexposure to infection for 30.

An outbreak of smallpox is reported at Kennetcook, Nova Scotia, on the Dominion Atlantic Railway. Glasgow, which was considered free from the disease, has developed 17 cases. Several new cases have occurred in Truro. The situation in the other infected districts remains about the same.

*Report from Philadelphia, Pa.—Enteric fever; statistics of mortality, 1862-1906—Water supply.*

Surgeon Gassaway reports, February 23, as follows:

Health statistics of the city of Philadelphia, beginning with 1862, show that from that time enteric fever has been present. The percentage of cases and resultant deaths has not increased in proportion to the population, as will be seen from the following figures:

Year.	Population.	Cases.	Deaths.
1862.....	587,287	(a)	629
1872.....	725,000	(a)	369
1882.....	886,539	(a)	650
1892.....	1,092,168	(a)	440
1902.....	1,349,712	(a)	588
1903.....	1,378,624	8,701	957
1904.....	1,408,154	6,587	744
1905.....	1,438,318	6,458	684
1906.....	1,500,000	9,621	1,063

a Not ascertained.

These figures for brevity's sake are mostly taken in decades beginning with the year of the earliest available statistics, 1862; but within these named are years of apparently unusual mortality of this disease, e. g., 1863, when the great drain of troops to the civil war had begun, 485 deaths; 1865, on the return of thousands of citizen soldiers, 773; the Centennial Exposition year (1876) furnished 761 deaths; in 1899, 948 deaths were followed next year by 449.

A series of tabulated records made by the bureau of health, organized by act of the general assembly of Pennsylvania of April 8, 1903, and which commenced its present labors as a distinct organization on April 20 of that year, indicates that the disease is water-borne. The virulence of the enteric poison is shown to be in direct ratio with its concentration.

The city of Philadelphia is supplied with water for domestic use through 6 municipal reservoirs. Of these, 5 reservoirs are supplied from the Schuylkill River and 1 from the Delaware River. For convenience of investigation the health board has divided the city into 6 sanitary districts, named from the reservoirs supplying them, thus:

- A. Wentz Farm, wards 23, 25, 33, 35, 41, 42, and part of 43.
- B. Roxboro, wards 21, 22, and part of 43.
- C. Queen Lane, wards 15, 20, 28, 29, 32, 37, 38, and part of 43.
- D. East Park, wards 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 17, 18, 19, 31.
- E. Fairmount and Corinthian, wards 1, 2, 3, 4, 26, 30, 36, 39.
- F. Belmont, wards 24, 27, 34, 40.

The Wentz Farm district is supplied with unfiltered Delaware River water. The East Park district sometimes with Schuylkill, sometimes Delaware, both unfiltered, and occasionally both at once, the mains from each of these 2 reservoirs leading into those of the other. The Roxboro district is supplied entirely with filtered Schuylkill water, which is also supplied to the greater portion of the Belmont district while the Queen Lane, Fairmount, and Corinthian mains furnish unfiltered Schuylkill water. The following table shows the effect of filtration:

1906: Actual total cases, 9,721; actual total deaths, 1,063.

District.	Estimated population.	Water furnished.	Distribution of deaths.
A. Wentz farm .....	190,000	Unfiltered Delaware.....	330
B. Roxboro.....	100,000	Filtered Schuylkill.....	33
C. Queen lane.....	3,0,000	Unfiltered Schuylkill.....	2.0
D. East Park.....	330,000	Unfiltered mixed Delaware and Schuylkill.....	250
E. Fairmount and Corinthian.....	310,000	Unfiltered Schuylkill.....	150
F. Belmont.....	260,000	Unfiltered and filtered Schuylkill.....	110
	1,500,000		1,063

The population and the apportionment of deaths are necessarily estimated, as the exact statistics (calendar year 1906) are in the hands of the printer and are not available. These estimates are made, however, upon a very careful dissection of the health bureau report for 1905, and after comparison with the weekly reports for 1906.

The population along the Schuylkill River above this city, beginning no farther away than the city of Reading (about 40 miles), and including Norristown, Manayunk, Roxboro, and many villages and detached homes, use this river as a common sewer for the disposal of

offal and waste of every description. A dam across the river at this city affords water power for the pumps which drain from the dam the water to be stored in some of the reservoirs. From a series of close and somewhat extended observations in detail made by the chief of the bureau of health it appears that the amount of overflow at the dam is frequently, if not invariably, in inverse proportion to the deaths from enteric fever; that is to say, that the concentration of the sewage in the basin or dam, resulting from a diminution of the volume of water brought down by the river, is followed within twenty to thirty days by an increase of the number of cases reported. The Delaware River on the east side of the city opposite the Schuylkill receives the sewage from several large towns in this and the neighboring State, e. g., Bristol, Burlington, Camden, and some others, besides a large amount of sewage from the city itself. An act of the Pennsylvania assembly of April 20, 1905, requires, under penalty, that (among other diseases) enteric fever be reported promptly to the bureau of health, and immediate supervision be then given to prevent, so far as possible, communication to others. No legislation to prevent contamination of the water supply by other communities seems feasible. An extensive system of water filtration is now in process of construction at this city.

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

CALIFORNIA—*San Diego*.—Month of January, 1907. Estimated population, 27,000. Total number of deaths, 57, including 6 from phthisis pulmonalis. Cases of contagious diseases reported: Diphtheria 1, enteric fever 1.

CONNECTICUT—*Bridgeport*.—Month of January, 1907. Estimated population, 95,000. Total number of deaths, 152, including diphtheria 4, enteric fever 1, measles 1, and 15 from tuberculosis. Cases of contagious diseases reported: Diphtheria 23, enteric fever 3, measles 44, scarlet fever 18, whooping cough 4, and phthisis pulmonalis 3.

IOWA—*Burlington*.—Month of January, 1907. Estimated population, 25,000. Total number of deaths, 22, including 2 from tuberculosis. Three cases of scarlet fever reported.

*Davenport*.—Two weeks ended February 14, 1907. Estimated population, 42,000. Total number of deaths not reported. Cases of contagious diseases reported: Diphtheria 5 and scarlet fever 3.

MICHIGAN—*Ann Arbor*.—Month of January, 1907. Estimated population, 20,000. Total number of deaths, 20, including 4 from tuberculosis. Cases of contagious diseases reported: Diphtheria 1, measles 2, smallpox 1, whooping cough 12, and phthisis pulmonalis 3.

MONTANA.—Month of January, 1907. Estimated population, 280,000. Reports to the State board of health from 27 counties show as follows: Total number of deaths, 325, including diphtheria 9, enteric fever 5, measles 2, and 26 from tuberculosis. Cases of contagious diseases were reported as follows: Diphtheria 48, enteric fever 19, measles 126, scarlet fever 16, and smallpox 3.

NEW HAMPSHIRE—*Manchester*.—Month of January, 1907. Estimated population, 65,000. Total number of deaths reported, 124, including diphtheria 4, enteric fever 1, whooping cough 3, and 12 from tuberculosis. Cases of contagious diseases reported: Diphtheria 27, enteric fever 3, measles 1, and scarlet fever 5.

NEW YORK—*Auburn*.—Month of January, 1907. Estimated population, 38,500. Total number of deaths, 46, including diphtheria 1, and 3 from tuberculosis. Cases of contagious diseases reported: Diphtheria 10, enteric fever 1, measles 1, scarlet fever 3, phthisis pulmonalis 7.

*Rochester*.—Month of June, 1906. Estimated population, 182,000. Total number of deaths, 212, including diphtheria 6, enteric fever 4, scarlet fever 2, whooping cough 1, and 22 from tuberculosis. Cases of contagious diseases reported: Diphtheria 40, enteric fever 2, and scarlet fever 37. Month of July, 1906. Total number of deaths, 231, including diphtheria 3, enteric fever 3, and 25 from tuberculosis. Cases of contagious diseases reported: Diphtheria 24, enteric fever 4, and scarlet fever 25. Month of August, 1906. Total number of deaths, 242, including diphtheria 3, scarlet fever 1, whooping cough 1, and 20 from tuberculosis. Cases of contagious diseases reported: Diphtheria 48, enteric fever 16, and scarlet fever 30.

*Troy*.—Month of January, 1907. Estimated population, 76,861. Total number of deaths, 153 (24 nonresidents), including enteric fever 3, whooping cough 1, and 19 from tuberculosis. Cases of contagious diseases reported: Diphtheria 12, enteric fever 8, measles 5, scarlet fever 5, whooping cough 22, and tuberculosis 30.

PENNSYLVANIA—*Homestead*. Month of December, 1906. Estimated population, 16,000. Total number of deaths, 17. Two cases of scarlet fever reported. Four weeks ended January 28, 1907. Total number of deaths, 23. Cases of contagious diseases reported: Diphtheria 5, enteric fever 2, and scarlet fever 4.

*Mount Carmel*.—Month of January, 1907. Estimated population, 15,000. Total number of deaths, 23, including 1 from enteric fever. Cases of contagious diseases reported: Diphtheria 4, enteric fever 2, and scarlet fever 3.

*Scranton*.—Month of November, 1906. Estimated population, 125,000. Total number of deaths, 113, including diphtheria 4, enteric fever 2, scarlet fever 3, whooping cough 1, and 4 from tuberculosis. Cases of contagious diseases reported: Diphtheria 40, enteric fever 18, scarlet fever 52, whooping cough 5, tuberculosis 13. Month of December, 1906. Total number of deaths, 216, including diphtheria 5, enteric fever 46, measles 1, scarlet fever 3, whooping cough 1, and 7 from tuberculosis. Cases of contagious diseases reported: Diphtheria 57, enteric fever 829, measles 6, scarlet fever 48, whooping cough 6, tuberculosis 7. Month of January, 1907. Total number of deaths.

232, including diphtheria 11, enteric fever 61, scarlet fever 5, whooping cough 1, and 13 from tuberculosis. Cases of contagious diseases reported: Diphtheria 85, enteric fever 290, measles 7, scarlet fever 96, and whooping cough 9.

*South Bethlehem.*—Two weeks ended February 16, 1907. Estimated population, 17,500. Total number of deaths, 8. No cases of or deaths from contagious diseases reported.

**RHODE ISLAND**—*Newport.*—Month of January, 1907. Estimated population, 25,000. Total number of deaths, 25, including 2 from phthisis pulmonalis.

**VIRGINIA**—*Richmond.*—Month of November, 1906. Estimated population, 87,246—white, 54,161; colored, 33,085. Total number of deaths, 155—white, 73; colored, 82—including diphtheria 3, whooping cough 2, and 24 from tuberculosis. Cases of contagious diseases reported: Diphtheria 26, enteric fever 25, scarlet fever 2, and small-pox 12.

Month of December, 1906. Total number of deaths, 199—white, 111; colored, 88—including diphtheria 3, enteric fever 2, whooping cough 1, and 19 from tuberculosis. Cases of contagious diseases reported: Diphtheria 25, enteric fever 23, scarlet fever 6, smallpox 18.

**WASHINGTON**—*Tacoma.*—Month of January, 1907. Estimated population, 85,000. Total number of deaths, 63, including enteric fever 3. Cases of contagious diseases reported: Diphtheria 4, enteric fever 8, measles 5, scarlet fever 6, and phthisis pulmonalis 5.

*Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, December 23, 1906, to March 1, 1907.*

For reports received from June 29, 1906, to December 23, 1906, see PUBLIC HEALTH REPORTS for December 23, 1906.

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Arkansas:</b>				
Fort Smith .....	Dec. 2-15 .....	2 .....		
Total for State .....		2 .....		
<b>California:</b>				
General .....	Dec. 1-31 .....		1	
Los Angeles .....	Dec. 23-Feb. 9 .....	3 .....		
San Francisco .....	Dec. 6-22 .....	2 .....		
Plumas County, Quincy included.	Dec. 1-15 .....	10 .....		
Total for State .....		15 .....	1	
<b>Colorado:</b>				
Boulder County .....	Nov. 1-30 .....	1 .....		
Conejos County .....	Nov. 1-30 .....	1 .....		
Denver County, Denver .....	Dec. 1-31 .....	7 .....		
La Plata County .....	Dec. 1-31 .....	1 .....		
Las Animas County .....	Nov. 1-Dec. 31 .....	45 .....		
Logan County .....	Nov. 1-30 .....	1 .....		
Otero County .....	Nov. 1-Dec. 31 .....	2 .....		
Pueblo County .....	Nov. 1-Dec. 31 .....	6 .....		
Weid County .....	Dec. 1-31 .....	13 .....		
Total for State .....		77 .....		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Connecticut:</b>				
Manchester.....	Dec. 1-31.....	1		
Stamford.....	Jan. 1-31.....	1		
Total for State.....		2		
<b>Delaware:</b>				
Reedy Island Quarantine.....	Dec. 22-27.....	1		On ss. Oswestry from Huelva, Spain.
Total for State.....		1		
<b>Florida:</b>				
Marion County, Reddick.....	Jan. 20-26.....	6		
Polk County, Lakeland included.	Jan. 23-Feb. 16...	19		
Total for State.....		25		
<b>Georgia:</b>				
Augusta.....	Dec. 26-Feb. 19...	57		
Total for State.....		57		
<b>Illinois:</b>				
Abingdon.....	Nov. 10-16.....	1		
Castleton.....	Jan. 12.....	2		
Chicago.....	Dec. 23-Feb. 23...	7		
Danville.....	Dec. 21-27.....	1		Imported.
East Peoria.....	Jan. 1-20.....	2		Do.
Galesburg.....	Dec. 16-Feb. 16..	92		
Hoopstown.....	Dec. 25-Jan. 15...	2		Do.
Jacksonville.....	Jan. 11-Feb. 15...	3		
Moline.....	Oct. 1-Nov. 9.....	3		
Peoria.....	Jan. 20-26.....	6		
Sandwich.....	Dec. 1-14.....	1		Do.
Stronghurst.....	Dec. 20-Jan. 10...	3		Present.
Victoria.....	Jan. 1-7.....			
Viola.....	Oct. 25-Dec. 25...	5		
Total for State.....		128		
<b>Indiana:</b>				
Allen County.....	Dec. 1-31.....	1		
Benton County.....	Dec. 1-31.....	1		
Cass County.....	Dec. 1-31.....	2		
Clark County.....	Nov. 1-Dec. 31...	2		
Davess County.....	Nov. 1-Dec. 31...	2		
Elkhart County, Elkhart included.	Dec. 1-Feb. 16...	5		
Fulton County.....	Nov. 1-Dec. 31...	68		
Grant County.....	Nov. 1-Dec. 31...	7		
Henry County.....	Nov. 1-30.....	1		
Howard County.....	Dec. 1-31.....	2		
Jennings County.....	Nov. 1-30.....	1		
Jasper County.....	Dec. 1-31.....	2		
Jefferson County.....	Nov. 1-Dec. 31...	145		
Marion County, Indianapolis included.	Dec. 1-Feb. 17...	45	3	
Marshall County.....	Nov. 1-Dec. 31...	12		
Miami County.....	Nov. 1-Dec. 31...	122		
Pulaski County.....	Nov. 1-Dec. 31...	51		
Ripley County.....	Nov. 1-30.....	2		
Starke County.....	Nov. 1-Dec. 31...	22		
St. Joseph County, South Bend included.	Dec. 1-Feb. 16...	44		
Tippecanoe County, Lafayette included.	Jan. 15-Feb. 18...	12		
Vigo County, Terre Haute included.	Jan. 20-26.....	1		
Wabash County.....	Dec. 1-31.....	3		
Washington County.....	Dec. 1-31.....	8		
Total for State.....		561	3	
<b>Iowa:</b>				
Clinton County, Clinton.....	Jan. 28-Feb. 3...	1		
Mahaska County, Oskaloosa included.	May 28-Feb. 22...	141		
Wapello County, Ottumwa.....	Dec. 1-31.....	1		
Total for State.....		143		

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Kansas:</b>				
General.....	Dec. 1-31.....	1		
Allen County.....	Dec. 1-31.....	3		
Bourbon County.....	Dec. 1-31.....	1		
Brown County.....	Dec. 1-31.....	1		
Butler County.....	Nov. 1-Dec. 31...	4		
Cheyenne County.....	Nov. 1-30.....	6		
Cowley County.....	Dec. 1-31.....	4		
Doniphan County.....	Dec. 1-31.....	1		
Geary County.....	Dec. 1-31.....	3		
Greenwood County.....	Dec. 1-31.....	1		
Jackson County.....	Dec. 1-31.....	1		
Jefferson County.....	Dec. 1-31.....	1		
Kearny County.....	Nov. 1-30.....	2		
Leavenworth County.....	Nov. 1-30.....	2		
Montgomery County.....	Nov. 1-Dec. 31...	17		
Morris County.....	Dec. 1-31.....	1		
Osborne County.....	Nov. 1-30.....	6		
Pawnee County.....	Dec. 1-31.....	2		
Russell County.....	Dec. 1-31.....	2		
Sedgwick County, Wichita included.	Nov. 1-Dec. 31...	9		
Shawnee County, Topeka included.	Nov. 1-Dec. 31...	1		
Stevens County.....	Nov. 1-30.....	11		
Wallace County.....	Dec. 1-31.....	2		
Washington County.....	Nov. 1-30.....	2		
Woodson County.....	Dec. 1-31.....	1		
Wyandotte County, Kansas City	Feb. 3-16.....	4		3 imported.
Total for State.....		89		
<b>Louisiana:</b>				
New Orleans.....	Dec. 23-Feb. 16..	34		11 imported.
Shreveport.....	Dec. 23-29.....	2		
Total for State.....		36		
<b>Maryland:</b>				
Baltimore.....	Feb. 10-23.....	2		
Total for State.....		2		
<b>Michigan:</b>				
Ann Arbor.....	Jan. 13-26.....	2		
Detroit.....	Dec. 23-Feb. 9...	27		
Kalamazoo.....	Jan. 27-Feb. 16..	3		
Total for State.....		32		
<b>Minnesota:</b>				
Aitkin County.....	Jan. 8-14.....	1		
Becker County.....	Dec. 11-28.....	13		
Beltrami County.....	Dec. 18-21.....	10		
Carver County.....	Jan. 1-7.....	1		
Cass County.....	Dec. 11-Jan. 21...	39		
Chippewa County.....	Jan. 1-7.....	1		
Chisago County.....	Jan. 15-21.....	1		
Clay County.....	Dec. 18-21.....	5		
Dakota County.....	Jan. 8-14.....	1		
Goodhue County.....	Dec. 18-24.....	2		
Grant County.....	Dec. 25-Jan. 14...	2		
Hennepin County, Minneapolis included.	Dec. 11-Jan. 28...	70		
Hubbard County.....	Dec. 11-Jan. 7...	13		
Isanti County.....	.....do.....	2		
Itasca County.....	Dec. 11-Jan. 21...	7		
Kittson County.....	Jan. 15-21.....	1		
Lac qui Parle County.....	.....do.....	1		
Lake County.....	Dec. 11-Jan. 14...	6	1	
Lesueur County.....	Jan. 15-28.....	5		
Mower County.....	Jan. 22-28.....	1		
Ottertail County.....	Jan. 15-21.....	9		
Polk County.....	Dec. 11-Jan. 28...	3		
Pope county.....	Dec. 11-31.....	3		
Ramsey County, St. Paul included.	Dec. 11-Jan. 21...	16		
Rock County.....	Jan. 8-14.....	1		
St. Louis County, Duluth included.	Dec. 1-Jan. 28...	28		
Scott County.....	Jan. 22-28.....	3		
Stearns County.....	Dec. 11-17.....	1		
Swift County.....	Dec. 18-31.....	2		

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Minnesota—Continued.</b>				
Todd County .....	Dec. 18-Jan. 28...	8		
Wadena County .....	Dec. 17-Jan. 14...	6		
Waseca County .....	Dec. 24-31 .....	2		
Washington County .....	Jan. 1-28 .....	12		
Wilkin County .....	Dec. 11-17 .....	1		
Total for State .....		277	1	
<b>Mississippi:</b>				
Natchez .....	Jan. 20-26 .....	3		
Total for State .....		3		
<b>Missouri:</b>				
St. Joseph .....	Dec. 16-Feb. 16 .....	130	1	
St. Louis .....	Jan. 13-Feb. 16 .....	6		
Total for State .....		136	1	
<b>Montana:</b>				
Cascade County .....	Jan. 1-31 .....	1		
Chouteau County .....	Dec. 1-31 .....	5		
Dawson County .....	Dec. 1-31 .....	2		
Lewis and Clarke County, Helena included.	Jan. 1-31 .....	1		
Silver Bow County .....	Jan. 1-31 .....	1		
Total for State .....		10		
<b>New York:</b>				
New York .....	Dec. 16-Feb. 16 .....	22	1	
Total for State .....		22	1	
<b>North Carolina:</b>				
Alamance County .....	Nov. 1-Dec. 31 .....	9		
Ashe County .....	Nov. 1-30 .....	10		
Bertie County .....	Dec. 1-31 .....	1		
Currituck County .....	Dec. 1-31 .....	2		
Durham County .....	Dec. 1-31 .....	3		
Franklin County .....	Dec. 1-31 .....	3		
Guilford County, Greensboro included.	Nov. 1-Jan. 19 .....	10		
Johnston County .....	Dec. 1-31 .....	5		
Mecklenburg County, Char- lotte included.	Feb. 10-16 .....	1		
Person County .....	Nov. 1-30 .....	1		
Randolph County .....	Nov. 1-30 .....	21		
Richmond County .....	Dec. 1-31 .....	5		
Wake County .....	Nov. 1-Dec. 31 .....	108		
Total for State .....		179		
<b>Ohio:</b>				
Cincinnati .....	Jan. 12-Feb. 22 .....	7		
Toledo .....	Dec. 16-22 .....	1		
Total for State .....		8		
<b>Pennsylvania:</b>				
Wells .....	Sept. 1-Jan. 1 .....	22		First case imported from North Dakota Feb. 12; 1 case in quarantine.
Total for State .....		22		
<b>South Dakota:</b>				
Sioux Falls .....	Jan. 27-Feb. 2 .....	2		
Total for State .....		2		
<b>Texas:</b>				
Galveston .....	Feb. 19 .....	1		
Houston .....	Dec. 30-Feb. 2 .....	16		
Total for State .....		17		
<b>Utah:</b>				
Boxelder County .....	Nov. 1-Dec. 31 .....	6		
Cache County .....	Nov. 1-30 .....	11		
Carbon County .....	Dec. 1-31 .....	14		
Emery County .....	Nov. 1-30 .....	4		
Salt Lake County, Salt Lake included.	Dec. 1-30 .....	1		



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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Utah—Continued.</b>				
Sevier County.....	Nov. 1-30.....	8		
Summit County.....	Nov. 1-Dec. 31.....	9		
Wasatch County.....	Nov. 1-Dec. 31.....	70		
Weber County, Ogden included	Jan. 1-31.....	8		
<b>Total for State</b> .....		<b>126</b>		
<b>Virginia:</b>				
Amelia County.....	Dec. 1-31.....	14		
Dinwiddie County.....	Dec. 1-31.....	4		
Goochland County.....	Dec. 1-31.....	1		
Hanover County, Atlee and Ellerson included	Dec. 1-Jan. 31.....	35		
Henrico County, Richmond	Dec. 1-31.....	18		
Lee County.....	Dec. 1-31.....	3		
Louisa County, Fredericks Hall included.....	Dec. 1-31.....	6		
Nansemond County.....	Dec. 1-31.....	1		
Nelson County.....	Dec. 1-31.....	4		
Norfolk County, Norfolk included.....	Jan. 1-17.....	1		
Nottoway County.....	Dec. 1-31.....	9		
Pittsylvania County.....	Dec. 1-31.....	6		
Powhatan County.....	Dec. 1-31.....	1		
Sussex County.....	Dec. 1-31.....			Epidemic.
<b>Total for State</b> .....		<b>103</b>		
<b>Washington:</b>				
Spokane.....	Dec. 16-Feb. 16...	79		14 imported.
<b>Total for State</b> .....		<b>79</b>		
<b>Wisconsin:</b>				
Appleton.....	Dec. 23-Jan. 19.....	2		
La Crosse.....	Dec. 16-Feb. 16.....	7		
Milwaukee.....	Dec. 16-Feb. 16.....	53	1	
<b>Total for State</b> .....		<b>62</b>	<b>1</b>	
<b>Grand total, United States</b> .....		<b>2,216</b>	<b>8</b>	









## FOREIGN AND INSULAR.

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### AUSTRALIA.

#### *Plague at Brisbane and Sydney—Examination of rodents for plague infection.*

The following information is taken from plague bulletins forwarded by Consul-General Bray at Melbourne:

QUEENSLAND—*Brisbane*.—Week ended December 22, 1906. One fatal case of bubonic plague occurred during the week; bacteriologically verified. Number of rodents destroyed, 404; examined, 313; found infected, 3.

Week ended December 29, 1906. Number of rodents examined, 329; found infected, 3.

Week ended January 5, 1907. One case of bubonic plague; bacteriologically verified. Number of rodents examined, 172; found infected, 1.

NEW SOUTH WALES—*Sydney*.—Week ended December 22, 1906. Number of rodents destroyed, 1,639; number examined, 546; found infected, 0.

Week ended December 29, 1906. One case of plague. Number of rodents destroyed, 1,095; examined, 298; found infected, 1.

Week ended January 5, 1907. Number of rodents destroyed, 1,303; examined, 595; found infected 0.

### CANARY ISLANDS.

#### *Report from Santa Cruz de Teneriffe—No further cases of typhus fever.*

Consul Berliner reports for the week ended February 2, as follows:

No typhus fever cases have been taken to the lazaretto for the past 2 weeks. All houses from which cases were removed have been burned or otherwise destroyed. The lazaretto will be closed on February 6, as the patients have recovered.

### CHINA.

#### *Report from Hongkong—Quarantine restrictions.*

Passed Assistant Surgeon White reports as follows:

Week ended January 12, 1907. Restrictions enforced by Hongkong remain as reported on December 1, 1906. Restrictions enforced against Hongkong remain as reported on December 1, 1906. No quarantinable diseases.

*Emigrants recommended for rejection.*

Number of emigrants per steamship *China* recommended, January 22, 1907, for rejection: For San Francisco, 9. All rejections were for trachoma.

## CUBA.

*Report from Cardenas—No contagious diseases.*

Consular Agent Van Tine reports, February 11, as follows: No contagious diseases reported in this city for the week ended February 9, 1907.

*Report from Santiago—Inspection of vessels.*

Acting Assistant Surgeon Wilson reports, February 12, as follows: Week ended February 9, 1907. Bills of health issued to 5 vessels bound for the United States. No vessel fumigated. No quarantinable disease reported.

## GREAT BRITAIN.

*Report from Glasgow—Cerebro-spinal meningitis.*

Consul Austin forwards the following information under date of February 4:

During the month of January, 1907, 52 deaths from cerebro-spinal meningitis were reported.

## HAWAII.

*Report from Honolulu—Plague death on steamship America Maru from oriental ports.*

Passed Assistant Surgeon Ramus, in temporary charge, reports, February 11, as follows:

The steamship *America Maru* from the Orient, arrived January 29, having had 1 death at sea among the crew. As the case had some suspicious features, the body was taken to the quarantine station, and post-mortem and microscopical examinations were made. A provisional diagnosis of plague was made, and the vessel and personnel were subjected to the usual quarantine measures. Culture tubes inoculated from liver, spleen, and lung developed growths of typical bipolar bacilli. A guinea pig was inoculated from one of the cultures, and died 3 days later from plague. Smears and cultures from the pig's tissues showed pure cultures of the same bipolar bacilli.

## INDIA.

*Reports from Calcutta—Transactions of Service—Cholera, plague, and smallpox.*

Acting Assistant Surgeon Eakins reports, January 24 and February 1, as follows:

Week ended January 19, 1907. Bill of health issued to the steamship *Neidenfels* bound for Boston and New York with a total crew of 63. The usual precautions were taken, holds fumigated, rat guards on wharf lines, and Lascars's effects disinfected.

Week ended January 12, 1907. One hundred and four deaths from cholera, 12 deaths from plague, and 16 deaths from smallpox in Calcutta.

In Bengal week ended January 12, 1907. Nine hundred and forty-five cases and 690 deaths from plague.

India, general, week ended January 12, 1907. Twelve thousand nine hundred and forty-five cases and 10,343 deaths from plague.

Week ended January 26, 1907. Bill of health issued to the steamship *Oriel*, bound to Boston and New York, with a total crew of 31. The usual precautions were taken, holds fumigated, and rat guards on wharf lines.

Week ended January 19, 1907. Four hundred and twenty-two deaths from cholera, 14 deaths from plague, and 25 deaths from smallpox in Calcutta.

In Bengal, week ended January 19, 1907: 834 cases and 697 deaths from plague.

ITALY.

*Report from Naples—Inspection of vessels—Emigrants recommended for rejection.*

Passed Assistant Surgeon McLaughlin reports, February 4, as follows:

Week ended February 2, 1907. Vessels inspected at Naples and Palermo:

NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of large baggage inspected and passed.	Pieces of baggage disinfected.
Jan. 29	Caronia.....	New York			
29	Gregory Morch.....	do			
30	Cedric.....	do	1,731	250	2,550
30	Germania.....	do	633	90	1,100
Feb. 1	Calabria.....	do	265	35	456
1	König Albert.....	do	962	100	1,250

PALERMO.

Feb. 2	Calabria.....	New York	249	323	129
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*Rejections recommended.*

NAPLES.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Suspected favus.	Other causes.	Total.
Jan. 29	Caronia.....						
29	Gregory Morch.....						
30	Cedric.....	33	6	46	1	10	96
30	Germania.....	21		13		4	38
Feb. 1	Calabria.....	4		3			7
1	König Albert.....	37	2	16		4	59
	Total.....	96	8	78	1	18	200

PALERMO.

Feb. 2	Calabria.....	11		22		3	36
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## JAPAN.

*Report from Yokohama—Inspection of vessels—Plague in Japan—Proposed refuges for lepers.*

Passed Assistant Surgeon Cumming reports, January 14, as follows: Week ended January 12, 1907. One sailing vessel and 8 steam vessels granted bills of health. These vessels had an aggregate personnel of 1,097 passengers and 873 crew.

The health of this port continues good, but several new cases of plague have been reported at Osaka, and at Matsuyama on the island of Shikoku, near Kobe.

The Imperial Diet, now in session, has been requested, with the approval of the Government, to make an appropriation for the establishment of 8 refuges for the lepers of the islands. There is now apparently no attempt made to isolate these unfortunates and they are constantly met with, even in this city.

A private home for lepers exists in Kumamoto.

## MEXICO.

*Report from Veracruz—Inspection of vessels—Fatal cases of smallpox and yellow fever previously reported—Stegomyia—New yellow fever case.*

Acting Assistant Surgeon Frick reports, February 11, as follows:

Week ended February 9, 1907. February 6, inspected and passed the German steamship *Dania*, bound for New Orleans via Tampico, with 56 in the crew, 6 cabin and 6 steerage passengers; vessel sails in the remainder of an European cargo. February 7, inspected and passed the American steamship *Vigilancia*, bound for New York via Progreso and Habana, with 81 in the crew, 77 cabin and 22 steerage passengers; vessel sails in general cargo.

February 9, inspected and passed the British steamship *Wm. Cliff*, bound for New Orleans via Tampico, with 47 in the crew and 11 cabin passengers; vessel sails in the remainder of an European cargo. Inspected and passed the Norwegian steamship *Cecilia*, bound for New York via Laguna, Campeche, and other Mexican ports, with 23 in the crew; vessel arrived here from New Castle, England, with a cargo of wood pulp, and sails from here in ballast, intending to take a full cargo of "hard woods" for New York. Inspected and passed the French steamship *Louisiane*, bound for New Orleans via Tampico, with 62 in the crew, 6 cabin and 8 steerage passengers; vessel sails in the remainder of an European cargo. Inspected and passed the Norwegian steamship *Molina*, bound for Texas city, with 20 in the crew and 4 passengers; vessel sails in ballast. Inspected and passed the British steamship *Sandhurst*, bound for an American port via Habana, with 39 in the crew; vessel sails in the remainder of a cargo of American railway rails.

Inspected and passed the Norwegian steamship *City of Tampico*, bound for New Orleans, with 21 in the crew and 32 cabin passengers; vessel sails in ballast. Inspected and passed the German steamship *Martha Russ*, bound for Galveston, with 21 in the crew; vessel sails in ballast.

During the week one fatal case each of yellow fever and smallpox were reported. The yellow-fever case was imported from Paraje Nueva, a small station located on the Mexican railway, 5 miles this side of Cordoba. There are many American and other foreign residents in that section. The place is a large market center for an extensive district, which renders it difficult to determine the original focus of the disease.

February 26.—Yesterday San Sebastian Hospital reported one case yellow fever. Focus Vera Cruz.

PERU.

*Report from Callao—Inspection and fumigation of vessels—Plague—Yellow fever on steamship Limari—Plague and smallpox in Chilean ports.*

Assistant Surgeon Wightman reports, January 20 and 28, as follows:

Week ended January 19, 1907. Vessels dispatched by this office as follows:

The American whaling tug *St. Lawrence*, on the 14th, for San Diego, Cal., with a crew of 15. The vessel called here for coal only, did not dock and made no change in her personnel at this port.

The British steamship *Dalblair* on the 17th, for New York, with general cargo and a total personnel of 54, of whom 1 cabin passenger was from this port. The vessel was fumigated and her personnel inspected.

A new case of plague was discovered in Callao on the 19th, the only case during the week.

On the 17th the Chilean steamship *Limari* arrived from Panama, via Guayaquil, with a case of yellow fever on board. The vessel left Ancon, Canal Zone, on the 7th instant and arrived at Guayaquil early on the 10th, leaving that port on the 13th at 1 a. m. The case developed on the 15th, according to the ship's surgeon, on the 16th, according to the Peruvian sanitary officer on board. The patient was a member of the crew and did not go ashore in Guayaquil. He was removed to the lazaretto near Lima, after being isolated on board to cover the infective period. The *Limari* and her personnel are detained in quarantine for observation after fumigation.

The latest report received from the Director de Salubridad states as follows, regarding plague in Peru:

Locality.	Cases Jan. 8.	New.	Recov-ered.	Died.	Remain- ing Jan. 13.
Lima .....	0	5	0	3	2
Callao .....	1	2	0	1	2
Trujillo.....	29	6	5	5	25
Catacaos.....	2	2	2	1	1
San Pedro and Pacasmayo.....	18	7	4	5	16
Paita, city.....	4	1	0	0	5
Paita, district of La Huaca.....	3	0	0	0	3
Chiclayo.....	2	7	0	7	2
Lambayeque .....	0	1	0	1	0

Week ended January 26, 1907. Vessels dispatched as follows:

The British steamship *Chile*, on the 21st, for Ancon, Canal Zone, with general cargo and a total personnel of 193, of whom 5 new mem-

bers of crew, 75 cabin and 20 steerage passengers were from this port.

The British steamship *Capac*, on the 23d, for San Francisco, Cal., with general cargo and a total personnel of 38, of whom 2 cabin passengers and 3 new members of crew were from this port.

The Chilean steamship *Palena*, on the 26th, for Ancon, Canal Zone, with general cargo and a total personnel of 169, of whom 43 cabin and 28 steerage passengers were from this port.

The *Capac* was well fumigated by the Peruvian quarantine officers on arrival, did not lie at wharf, and took only coal and ores here. The other steamships were fumigated before departure, steerage baggage was inspected and passed or disinfected, and steerage passengers for Panama were vaccinated when necessary.

The Chilean steamship *Limari* was released from quarantine on the 25th, no further cases of yellow fever having occurred.

No official report on plague in Peru has been received since my last report.

Bills of health from Chile state as follows: Coquimbo, 26 cases of smallpox with 1 death, in 2 weeks ended January 12; Antofagasta, 6 cases of plague, with 4 deaths, in 2 weeks ended January 15; Iquique, smallpox still present.

#### PHILIPPINE ISLANDS.

##### *Report from Manila—Cholera in the provinces—Inspection of vessels.*

Chief Quarantine Officer Heiser reports, January 18, as follows:

Week ended January 12, 1907. No quarantinable diseases reported for the city of Manila.

During the same period cholera was reported from the provinces as follows: Negros Occidental, 2 cases; 2 deaths.

During the week United States consular bills of health were issued as follows:

On January 7 the British steamship *Lyra*, with 58 crew, was granted a consular bill of health to Tacoma, after the usual inspection of cargo and personnel.

On January 10 the British steamship *Muncaster Castle*, with 43 crew, en route from New York to Cebu, was granted a supplemental bill of health.

On January 10 the British steamship *Chongsha*, with 72 crew and 8 passengers, en route from Japan to Zamboanga, was granted a supplemental bill of health.

#### VENEZUELA.

##### *Yellow fever at La Guayra.*

Chief Quarantine Officer Foster, at San Juan, P. R., reports, February 18, as follows:

The steamship *Philadelphia*, which arrived here on January 9, brought a bill of health from La Guayra which stated that there were 2 cases of yellow fever in that city. This bill of health was signed by the consul.

## WEST INDIES.

*Report from Port of Spain, Trinidad—Yellow-fever case.*

Consul Handley reports, February 6, as follows:

One case of yellow fever appeared in this town on the 4th instant, and the patient died the following morning. He arrived here a month ago. He was taken ill 5 days before his death. The origin of the infection has not been determined. All sanitary precautions have been taken by the authorities, and the contacts have been segregated and are under medical observation.

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

AFRICA—*Lourenço Marquez*.—Month of December, 1906. Estimated population, 10,000. Total number of deaths, 40, including beriberi 2, smallpox 1, and 4 from tuberculosis.

*Monrovia*.—Three months ended December 31, 1906. Estimated population, 8,000. Total number of deaths, 20, including 3 from tuberculosis.

ALGERIA—*Algiers*.—Month of January, 1907. Estimated population, 155,000. Total number of deaths, 408. No deaths from contagious diseases reported.

AUSTRALIA—*New South Wales—Newcastle*.—Month of December, 1906. Estimated population, 51,250. Total number of deaths, 40, including 5 from tuberculosis.

AUSTRIA—*Brünn*.—Month of December, 1906. Estimated population, 95,342. Total number of deaths, 219, including diphtheria 5, enteric fever 1, measles 10, whooping cough 2, and 43 from tuberculosis.

BAHAMAS—*Dunmore Town*.—Two weeks ended February 9, 1907. Estimated population, 1,232. No deaths reported.

*Governors Harbor*.—Week ended February 9, 1907. Estimated population, 1,500. No deaths reported.

*Nassau*.—Two weeks ended February 9, 1907. Estimated population, 12,656. No deaths reported.

BRAZIL—*Ceara*.—Month of December, 1906. Estimated population, 50,000. Total number of deaths, 74, including 14 from whooping cough.

*Pernambuco*.—Two weeks ended January 15, 1907. Estimated population, 210,000. Total number of deaths, 257, including plague 1, smallpox 68, and 42 from tuberculosis.

BRITISH GUIANA—*Demerara, Georgetown*.—Five weeks ended December 29, 1906. Estimated population, 36,567. Total number of deaths, 262, including diphtheria 1 and 34 from tuberculosis.

CANADA—*British Columbia, Victoria*.—Year ended December 31, 1906. Estimated population, 24,000. Total number of deaths from all causes 246, corresponding to an annual death rate of 10.29 per 1,000 population, including enteric fever 6, scarlet fever 1, and 23 from tuberculosis. Month of January, 1907. Total number of deaths, 29, including 3 from tuberculosis.

FRANCE—*Roubaix*.—Month of January, 1907. Estimated population, 124,660. Total number of deaths not reported. One death from diphtheria, 1 from enteric fever, 3 from measles, and 2 from whooping cough reported during the month.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 76 great towns in England and Wales during the week ended February 2, 1907, correspond to an annual rate of 19.8 per 1,000 of population, which is estimated at 16,024,458.

*London*.—One thousand eight hundred and ninety-five deaths were registered during the week, including measles 20, scarlet fever 8, diphtheria 21, enteric fever 8, whooping cough 51, and 17 from diarrhea. The deaths from all causes correspond to an annual rate of 20.8 per 1,000. In Greater London 2,677 deaths were registered. In the "outer ring" the deaths included 6 from diphtheria, 2 from measles, 7 from whooping cough, and 2 from scarlet fever.

*Ireland*.—The average annual death rate represented by the deaths registered during the week ended February 2, 1907, in the 21 principal town districts of Ireland was 22.5 per 1,000 of the population, which is estimated at 1,117,547. The lowest rate was recorded in Tralee, viz, 5.3, and the highest in Lurgan, viz, 48.7 per 1,000. In Dublin and suburbs 193 deaths were registered, including whooping cough 2, and 36 from tuberculosis.

*Scotland*.—The deaths registered in 8 principal towns during the week ended February 2, 1907, correspond to an annual rate of 20.5 per 1,000 of the population, which is estimated at 1,812,171. The lowest rate of mortality was recorded in Greenock, viz, 13.9, and the highest in Paisley, viz, 24.7 per 1,000. The aggregate number of deaths registered from all causes was 712, including diphtheria 10, enteric fever 5, scarlet fever 1, measles 9, and 21 from whooping cough.

HAWAII—*Honolulu*.—Month of January, 1907. Estimated population, 39,306. Total number of deaths reported, 106, including measles 1, and 14 from tuberculosis.

JAMAICA—*Kingston*.—Month of January, 1907. Estimated population, 52,065. Total number of deaths, 297, including enteric fever 3, and 8 from phthisis pulmonalis.

*St. Thomas*.—Three weeks ended February 1, 1907. Estimated population, 11,012. Total number of deaths, 25, including 4 from tuberculosis.

**JAPAN—Nagasaki.**—Twenty days ended January 10, 1907. Estimated population, 163,324. Total number of deaths not reported. Two deaths from diphtheria reported.

**JAVA—Batavia.**—Two weeks ended January 12, 1907. Estimated population, 160,000. Total number of deaths not reported. No deaths from contagious diseases reported.

**SPAIN—Barcelona.**—Ten days ended January 31, 1907. Estimated population, 650,000. Total number of deaths, 395, including diphtheria 3, enteric fever 2, measles 1, scarlet fever 1, smallpox 6, whooping cough 2, and 34 from tuberculosis.

*Cholera, yellow fever, plague, and smallpox from December 28, 1906, to March 1, 1907.*

[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 29, 1906, to December 28, 1906, see PUBLIC HEALTH REPORTS for December 28, 1906.]

[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.....	Dec. 31-Jan. 12...	5	5	
India:				
Bombay.....	Nov. 28-Jan. 29...		37	
Calcutta.....	Nov. 11-Jan. 19...		1,230	
Cochin.....	Oct. 26-Dec. 28...		26	
Karachi.....	Nov. 2-Dec. 7.....	11	13	
Madras.....	Nov. 17-30.....		4	
Negapatam.....	Oct. 27-Dec. 14...		12	
Rangoon.....	Nov. 25-Jan. 12...		173	
Philippine Islands:				
Manila.....	Nov. 18-Dec. 1...	3	2	
Provinces—				
Capiz.....	Nov. 25-Jan. 5...	120	77	
Iloilo.....	Nov. 18-Dec. 1...	82	63	
Moro, Camp Vicars.....	Nov. 18-24.....	5	3	
Negros Occidental.....	Nov. 18-Jan. 12...	41	28	
Pampanga.....	Nov. 18-24.....	2	1	
Rizal.....	Nov. 18-Jan. 5...		2	
Samar.....	Dec. 2-29.....	45	33	
Tarlac.....	Nov. 18-24.....	2	2	
Straits Settlements:				
Singapore.....	Jan. 1-Oct. 16 ..	185	167	

**YELLOW FEVER.**

Africa:				
Dahomey.....	Nov. 17.....			Present.
Upper Senegal and Niger.....	Nov. 1-30.....	35	26	
Togo.....	Nov. 17.....			Do.
Brazil:				
Para.....	July 1-Sept. 30...		27	
Rio de Janeiro.....	Nov. 12-Dec. 8...	5	3	
Cuba:				
Habana.....	Dec. 31.....	1		
Santa Clara.....	Jan. 8-10.....	1	1	
Ecuador:				
Guayaquil.....	Nov. 16-Dec. 15...		23	
Mexico:				
Tuxpam.....	Jan. 23-29.....		1	
Veracruz.....	Feb. 9-26.....	2	1	1 imported from Paraje Nueva.
Peru:				
Lima.....	Jan. 17.....	1		In the lazaretto. From ss. Limari. Epidemic.
Salvador.....	Jan. 12.....			
Trinidad:				
Port of Spain.....	Feb. 4-5.....	1	1	
Venezuela:				
La Guayra.....	Jan. 9.....	2		

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

## PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Arabia:</b>				
Djeddah.....	Jan. 9-20.....	14	13	
Hedjaz.....	Jan. 17-19.....	5	3	
<b>Argentina:</b>				
Buenos Aires.....	Dec. 16-22.....	5	4	
<b>Australia:</b>				
Brisbane.....	Nov. 16-Jan. 3.....	4	3	
Sydney.....	Dec. 26.....	1		
<b>Brazil:</b>				
Bahia.....	Dec. 2-Jan. 12.....	24	15	
Para.....	July 1-31.....		2	
Pernambuco.....	Nov. 1-Jan. 5.....		5	
Rio de Janeiro.....	Nov. 12-Jan. 6.....	105	41	
Santos.....	Jan. 10.....	1		On ss. Saxon Prince.
São Paulo.....	Nov. 12-Dec. 16.....		6	
<b>Chile:</b>				
Antofagasta.....	Nov. 22-Jan. 15.....	20	8	
<b>China:</b>				
Hongkong.....	Nov. 4-10.....	1	1	
Niuchwang.....	Jan. 28.....			Present.
<b>Ecuador:</b>				
Guayaquil.....	Nov. 16-Dec. 15.....		46	
<b>Egypt:</b>				
Alexandria.....	Nov. 13-Jan. 14.....	15	8	
Ismailia.....	Jan. 6-25.....	2	1	
Port Said.....	Jan. 17.....	1	1	
Suez.....	Jan. 9-15.....	1	1	
Provinces—				
Assiout.....	Jan. 8-24.....	2	1	
Garbieh.....	Oct. 25-Dec. 2.....	4	3	
Guerga.....	July 2-Dec. 2.....	34	23	
Keneh.....	June 10-Jan. 14.....	53	49	
Menoufieh.....	Mar. 29-Jan. 6.....	14	10	
<b>Hawaii</b>				
Honolulu.....	Jan. 29.....		1	On ss. America Maru.
<b>India:</b>				
Bombay Presidency and Sind.....	Oct. 21-Nov. 24.....	51,910	38,235	
Madras Presidency.....	Oct. 21-Nov. 24.....	366	251	
Bengal.....	Oct. 21-Nov. 24.....	2,702	2,359	
United provinces.....	Oct. 21-Nov. 24.....	9,308	7,974	
Punjab.....	Oct. 21-Nov. 24.....	39,580	34,253	
Burma.....	Oct. 21-Nov. 24.....	3,955	3,599	
Eastern Bengal and Assam.....	Oct. 21-Nov. 24.....	30	25	
Central provinces, including Berar.....	Oct. 21-Nov. 24.....	7,105	5,840	
Mysore State.....	Oct. 21-Nov. 24.....	3,105	2,343	
Hyderabad State.....	Oct. 21-Nov. 24.....	148	100	
Central India.....	Oct. 21-Nov. 24.....	12,260	9,367	
Rajputana.....	Oct. 21-Nov. 24.....	118	71	
Kashmir.....	Oct. 21-Nov. 24.....	1,094	686	
Northwest frontier province.....		2	1	
Baluchistan.....	Oct. 21-Nov. 24.....	10	6	
		131,693	105,110	
<b>Japan:</b>				
General.....	Jan. 1-19.....	9		July 1 to Dec. 31, 496 cases and 389 deaths.
Formosa—General.....	Nov. 1-30.....	100	84	
Matsuyama.....	Jan. 6-12.....			Present.
Osaka.....	Jan. 6-12.....			Do.
Saseho.....	Oct. 23.....	1		
Shimonoseki.....	Sept. 22.....	1		
Yamaga.....	Oct. 6.....	1		
<b>Mauritius.</b>	Nov. 4-Jan. 3.....	237	154	
<b>Paraguay:</b>				
Asuncion.....	Feb. 1-28.....	5		Present in northern part of Paraguay.
Concepcion.....	Jan. 5.....	3		
<b>Peru:</b>				
Callao.....	Dec. 31-Jan. 19.....	7	3	
Catacaos.....	Nov. 9-Jan. 13.....	17	9	
Chicama.....	Dec. 5-11.....	14		In vicinity.
Chiclayo.....	Dec. 25-Jan. 13.....	13	10	
Lambayeque.....	Nov. 9-15.....		1	
Lima.....	Nov. 9-Jan. 13.....	7	4	
Mollendo.....	Nov. 9-Dec. 31.....	26	20	
Pacasmayo.....	Dec. 13-Jan. 13.....	5	4	
Paíta.....	Nov. 13-Jan. 13.....	16	14	And vicinity.

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

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Peru—Continued.				
San Pedro .....	Dec. 25-31.....	11	12	San Pedro and Pacasmayo, Jan. 1 to 13, reported 17 cases and 23 deaths.
Trujillo .....	Nov. 9-Jan. 13....	94	91	And vicinity.
Siam:				
Bangkok .....	Nov. 21 .....		1	
Straits Settlements:				
Singapore .....	Dec. 13 .....	1		
Turkey:				
Beirut .....	Jan. 27-Feb. 2....			Present.
Smyrna .....	Jan. 9 .....		1	

SMALLPOX.

Africa:				
Cape Colony—				
Cape Town .....	Nov. 11-Dec. 22 ..	8		
Lourenço Marquez:				
Lourenço Marquez....	Dec. 1-31.....		1	
Argentina:				
Buenos Aires .....	Dec. 2-Jan. 5....	10	3	
Austria:				
Galicia .....	Dec. 9-19 .....	1		
Moravia .....	Nov. 4-10 .....	1		
Brazil:				
Bahia .....	Dec. 2-Jan. 12....	13		
Pernambuco .....	Nov. 1-Jan. 15....		198	
Rio de Janeiro .....	Nov. 12-Jan. 5....	20	1	
Canada:				
New Brunswick—				
Kent County .....	Dec. 16-Feb. 2....			Present.
St. John County—				
Musquash .....	Feb. 21 .....			Present in 2 lumber camps.
Nova Scotia—				
Cape Breton Island—				
Sydney .....	Jan. 6-26 .....			Present.
Colchester County....	Nov. 16-Feb. 2....			Do.
Truro .....	Feb. 3-16 .....	2		Imported.
Cumberland County....	Nov. 16-Feb. 2....			Present.
Hants County—				
Kennetcook .....	Feb. 10-16 .....			Do.
Pictou County .....	Jan. 13-Feb. 16....			Epidemic.
New Glasgow .....	Feb. 10-16 .....	17		
Victoria County....	Feb. 3-9 .....			Do.
Yarmouth County—				
Lower East Pubnico	Feb. 3-9 .....	12	1	
Ontario—				
Toronto .....	Jan. 20-26 .....	2		
Quebec—				
Sherbrooke .....	Feb. 3-9 .....	4		
Chile:				
Antofagasta .....	Nov. 16-Dec. 24..	38	4	
Coquimbo .....	Nov. 1-Jan. 12....	112	7	
Iquique .....	Nov. 11-Jan. 15....			Present.
China:				
Chefoo .....	Nov. 13 .....		1	From U. S. S. Raleigh.
Hongkong .....	Dec. 16-22 .....	4	3	
Shanghai .....	Nov. 27-Jan. 13..	4	1	
Cuba:				
Habana .....	Jan. 6-30 .....	4	1	One case from ss. Puerto Rico and 2 cases from ss. Dania, from Spanish ports. Death from ss. Kronprinzessin Cecilia from Veracruz.
Ecuador:				
Guayaquil .....	Dec. 1-31 .....		27	
Egypt:				
General .....	July 2-Sept. 9....	289	92	
France:				
Marseille .....	Dec. 1-31 .....		88	
Paris .....	Dec. 2-Feb. 2....	83	2	
Germany:				
Bleichfelde .....	Jan. 14 .....			Present.
Gaudenz .....	Dec. 2-22 .....	8		
Kanth .....	Dec. 9-15 .....	1		
Marienwerder .....	Dec. 9-15 .....	1		
Maxen .....	Dec. 2-8 .....	1		



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

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Germany—Continued.</b>				
Metz.....	Nov. 18-Dec. 22.....	35		
Mülhausen.....	Dec. 2-22.....	15		
Schwedenhöhe.....	Jan. 14.....	4		
Thorn.....	Dec. 2-8.....	1		
Gibraltar.....	Dec. 17-Jan. 20.....	8		One case imported.
<b>Great Britain:</b>				
Belfast.....	Jan. 13-19.....	1		
Bristol.....	Jan. 27-Feb. 9.....	3		
Cardiff.....	Dec. 9-Feb. 9.....	14	1	In port.
Hull.....	Dec. 22-Jan. 26.....	17	5	
Liverpool.....	Jan. 13-Feb. 9.....	8		
Manchester.....	Dec. 16-22.....	1		
Sheffield.....	Jan. 1-7.....	1		
Southampton.....	Jan. 27-Feb. 9.....	1	1	
<b>India:</b>				
Bombay.....	Dec. 12-25.....		2	
Calcutta.....	Nov. 11-Jan. 19.....		86	
Madras.....	Nov. 24-Jan. 4.....		7	
Rangoon.....	Dec. 29-Jan. 12.....		3	
<b>Italy:</b>				
General.....	Nov. 23-Jan. 24.....	58		
<b>Japan:</b>				
General.....	July 1-Dec. 31.....	6	2	
<b>Madeira:</b>				
Funchal.....	Jan. 2.....	1		From ss. Massilia.
Malta.....	Dec. 16-Jan. 5.....	2		
<b>Mexico:</b>				
Mexico.....	Dec. 9-15.....		12	
Tamaulipas.....	Jan. 18.....			Epidemic in vicinity of Mexican Central R. R.
Vera Cruz.....	Jan. 27-Feb. 2.....	1	1	
<b>Netherlands:</b>				
Rotterdam.....	Dec. 30-Feb. 9.....	19	4	
<b>Persia:</b>				
Anzeli.....	Nov. 1-30.....			Present.
Hamadan.....	Oct. 1-31.....			Do.
Kerman.....	Oct. 1-31.....			Do.
Kermanshah.....	Oct. 1-31.....			Do.
Meshed.....	Oct. 1-31.....			Do.
Rasht.....	Nov. 1-30.....			Do.
Shiraz.....	Oct. 1-31.....			Do.
Teheran and vicinity.....	Oct. 1-31.....			Epidemic.
Yezd.....	Nov. 1-30.....			Do.
<b>Peru:</b>				
Callao.....	Dec. 23-29.....			Present.
Lima.....	Dec. 1-31.....	9		
<b>Russia:</b>				
Moscow.....	Dec. 11-Feb. 2.....	16	10	
Odessa.....	Dec. 2-Feb. 2.....	109	20	
St. Petersburg.....	Nov. 25-Feb. 10.....	36	10	
<b>Spain:</b>				
Barcelona.....	Dec. 1-Jan. 31.....		37	
Cadiz.....	Nov. 1-30.....		3	
Madrid.....	Oct. 1-31.....	1		
San Feliu de Guixols.....	Dec. 23-Jan. 5.....		2	
Seville.....	Nov. 1-Dec. 31.....		40	
<b>Turkey:</b>				
Beirut.....	Dec. 2-29.....			Do.
Constantinople.....	Dec. 3-Jan. 27.....		7	

Weekly mortality table, foreign and insular cities.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—												
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.		
Acapulco	Feb. 2	6,000	5													
Aix-la-Chapelle	Jan. 19	155,251	55	6												
Do	Jan. 26	155,251	77	9												
Alexandretta	Jan. 19	15,000	5													
Do	Jan. 26	15,000	4													
Amsterdam	Feb. 2	564,194	203	33												
Do	Feb. 9	564,194	226	33						1	1	4	2		4	
Antwerp	Jan. 26	304,975	91	11						2	3	1	3		6	
Athens	do	200,000	17													
Do	Feb. 2	200,000	21						1					5		
Barmen	Jan. 19	158,500	45	7												
Do	Jan. 26	158,500	37	3									1			
Do	Feb. 2	158,500	51	12										1		
Beirut	do	80,000	20													
Belfast	do	370,163	147	26						2			1			
Belgrade	do	75,000								1			1			
Belleville	Feb. 4	8,973	4	2												
Do	Feb. 11	8,973	6							2						
Berlin	Jan. 19	2,094,321	674	95									8	4		7
Do	Jan. 26	2,094,321	612	93						4	3	5	2	2		6
Birmingham	Feb. 2	542,959	250							2	1	1	13	1		1
Bombay	Jan. 22	977,822	631	44	43									3		3
Bradford	Feb. 2	290,323	89	4							1			1		1
Bremen	Jan. 26	219,962	78	24							1	3	2			
Do	Feb. 2	219,962	81	7							1	4	2			1
Breslau	Jan. 19	335,186	230	28						1						3
Do	Jan. 26	335,186	198	42							1	4	2	1		1
Bristol	Feb. 2	367,979	137								1	1				2
Brussels	Jan. 26	612,401	219	17						1				3		1
Do	Feb. 2	612,401	217	19										4		2
Budapest	Jan. 19	804,200									3	3	14	1		1
Do	Jan. 26	804,200									2	3	7			2
Calcutta	Jan. 12	847,796	638	34	12	104		16								
Catania	Jan. 31	160,000	116	3					1	4	1					
Chemnitz	Jan. 26	254,340	89								1	1				
Do	Feb. 2	254,340	93											2		4
Christiania	Jan. 26	227,000	58											2		
Do	Feb. 2	227,000	82							1				4		1
Cienfuegos	Feb. 9	37,000	21	6												
Coburg	Jan. 26	22,768	9	1												
Do	Feb. 2	22,768	6													
Cognac	do	19,483	10	2							1	1				
Cologne	Jan. 26	442,362	142	17										3		3
Do	Feb. 2	442,362	149	14										2		6
Colombo	Jan. 12	173,254	179													
Copenhagen	Jan. 26	430,000	126	15		4				7						1
Do	Feb. 2	430,000	138	19										1		
Crefeld	Jan. 19	111,696	22	2												
Do	Jan. 26	111,696	26	1										3		
Do	Feb. 2	111,696	37	3										2		1
Dartmouth	Feb. 3	7,000	1													
Dublin	Feb. 2	378,994	193	36												2
Dundee	do	165,748	58													
Edinburgh	do	345,747	116										1	1		
Fiume	Jan. 20	45,830								3						
Do	Jan. 27	45,830								1						
Flushing	Feb. 2	20,253	6													
Frankfort-on-the-Main	Jan. 26	346,000	95										1	2		
Do	Feb. 2	346,000	100											1		
Geneva	Jan. 19	116,400	46										3			
Do	Jan. 26	116,400	53										1			
Ghent	Jan. 19	163,875	64	1						4						1
Do	Jan. 26	163,875	49	2												
Girgenti	do	25,069	13													
Glasgow	Feb. 8	847,584	374											7	3	19
Gothenburg	Jan. 26	155,700	63	12								4	1	1	2	
Do	Feb. 2	155,700	53	10									3	2		
Halifax	Feb. 16	40,787	11													
Hamburg	Feb. 2	824,792	236	30						1						1
Havre	Jan. 26	132,430	80	15										1		1
Do	Feb. 2	132,430	65	17										1		1
Hull	do	266,762	100											2		
Jalapa	Feb. 8	22,000	12	2									1	2	11	5



