

## PUBLIC HEALTH REPORTS.

### UNITED STATES.

#### *Termination of quarantine against Cuban ports.*

[Department Circular No. 74, 1907. Bureau of Public Health and Marine-Hospital Service.]

TREASURY DEPARTMENT,  
OFFICE OF THE SECRETARY,  
Washington, December 13, 1907.

*To national, State, and local quarantine officers, collectors of customs, shipowners and agents, and others concerned:*

The season of close quarantine against Cuban ports at Southern ports in the United States will terminate December 15, 1907.

GEO. B. CORTELYOU, *Secretary.*

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

#### *Reports from San Francisco, Cal.—Status of plague—Plague-prevention work.*

Passed Assistant Surgeon Blue reports:

December 11. One new case of plague was confirmed by bacteriological examination, a Californian, who died December 8. Total cases of plague to date, 113; total deaths, 68.

December 13. One new case of plague bacteriologically confirmed to-day, a Mexican. Thirteen cases, clinical diagnosis, one fatal, have been taken up on the report as plague. Total cases of plague bacteriologically verified to date, 114; total deaths from plague, 69.

December 17. One new case of plague confirmed to-day, a Japanese who died December 9. Total bacteriologically confirmed cases to date, 115; cases clinically verified, 13; total deaths from plague to date, 70.

Doctor Blue further reports plague-prevention work at San Francisco carried out during the week ended December 7:

Sick inspected.....	70
Plague cases found.....	2
Dead inspected.....	9
Plague, among dead inspected.....	1
Premises inspected.....	7, 189
Houses disinfected.....	107

Houses destroyed.....	3
Nuisances abated.....	355
Rats found dead.....	377
Rats trapped.....	2, 289
Bounty rats received.....	2, 289
Poisons placed.....	388, 712
Rats examined bacteriologically.....	798
Rats infected with bacillus pestis.....	10
Contacts inspected.....	53
Blocks covered with Danysz's virus.....	115½
Square blocks cleaned.....	16

*Plague prevention work at Oakland, Point Richmond, and Emeryville, Cal.*

Passed Assistant Surgeon Blue reports, November 25 and December 2 and 10:

*Anti plague operations in Oakland, Cal.*

WEEK ENDED NOVEMBER 23.

Sick inspected.....	305
Dead inspected.....	45
Premises inspected.....	3, 319
Houses disinfected.....	13
Nuisances abated.....	328
Rats found dead.....	80
Rats trapped.....	772
Poisons placed.....	45, 970
Notices served.....	96
Rats examined bacteriologically.....	16
Rats infected with bacillus pestis.....	0
Bounty rats received.....	176
Ships inspected.....	40
Ships disinfected.....	3
Certificates signed.....	10

WEEK ENDED NOVEMBER 30.

Sick inspected.....	270
Dead inspected.....	37
Premises inspected.....	2, 450
Houses disinfected.....	8
Nuisances abated.....	202
Rats found dead.....	63
Rats trapped.....	1, 682
Bounty rats received.....	98
Poisons placed.....	34, 014
Notices served.....	100
Rats examined bacteriologically.....	8
Rats infected with bacillus pestis.....	1
Ships examined.....	31
Ships fumigated.....	17
Certificates signed.....	11

WEEK ENDED DECEMBER 7.

Sick inspected.....	291
Dead inspected.....	43
Premises inspected.....	2, 538
Houses disinfected.....	7
Nuisances abated.....	311
Rats found dead.....	113
Rats trapped.....	2, 063
Rats examined bacteriologically.....	13
Squirrels examined bacteriologically.....	2

Poisons placed.....	38, 187
Notices served.....	83
Ships inspected.....	41
Ships fumigated.....	6
Certificates signed.....	21

*Anti-plague operations in Point Richmond, Cal., week ended December 7, 1907.*

Sick inspected.....	8
Dead inspected.....	8
Premises inspected.....	248
Nuisances abated.....	37
Rats found dead.....	75
Rats trapped.....	110
Poisons placed.....	7, 050

*Anti-plague operations at Emeryville, Cal., week ended December 7.*

Premises inspected.....	206
Houses disinfected.....	2
Nuisances abated.....	1
Rats found dead.....	13
Rats trapped.....	36
Poisons placed.....	2, 638

*Outgoing quarantine transactions.*

Passed Assistant Surgeon Hobdy reports, December 3:

Week ended November 30. Seventy vessels were fumigated and certified to and 42 vessels previously disinfected were certified to.

*Reports from Seattle, Wash.—Organization for suppression of plague—Summary of plague-prevention work.*

Passed Assistant Surgeon Cofer reports, December 3:

The organization for the suppression of plague at Seattle is now complete. Following is a description in detail of the system adopted, together with a summary of actual work done to date:

*Organization.*—All measures are directed from the central office and through several district departments. The central office is located in a six-room building especially built for the purpose, on the corner of Jackson and Maynard streets, a location practically in the center of the district where the two proved cases of plague were supposed to have originated. The central office comprises quarters for executive and clerical work, quarters for the Service bacteriological laboratory, morgue and necropsy room, animal barn, and poison manufacturing and distributing depot. The building is equipped with such conveniences as gas, electric light and telephones.

The operating division consists of the division for the disinfection of vessels, the bacteriological division, the division of medical inspection and reports, and the division of special municipal policing.

The executive department consists of a division under the Public Health and Marine-Hospital Service, and another division under the mayor of the city, who is represented by a special health officer.

The Public Health and Marine-Hospital Service furnishes medical supervision, bacteriological service, and men and materials for the disinfection of ships. The city of Seattle supplies the necessary men

and material for the municipal work. All the operating divisions are under the Public Health and Marine-Hospital Service except the division of special municipal policing, which, together with the municipal accounting, is under the special health officer.

*General plan of campaign.*—A general inspection of the city of Seattle showed that the bulk of the policing and general sanitary work would be confined to about 218 city blocks, the work to extend in a minor degree over the remainder of the city, the treatment of plague-infected foci being determined by the actual conditions present therein. In the work of rat extermination it was decided to include the whole city. The disinfection of vessels is limited to vessels leaving Seattle for Puget Sound and Alaskan ports. The vessels plying between Seattle and San Francisco are regularly disinfected at the latter place.

*Work of the operating divisions.*—The division for the disinfection of vessels is under the charge of Passed Asst. Surg. M. W. Glover, who has three special temporary attendants assisting him in his work. The disinfection is done by means of burning sulphur in pots.

The bacteriological division is under the charge of Passed Asst. Surg. M. J. White. The laboratory is in full working order. Rats both dead and alive are delivered daily at the laboratory and examined bacteriologically. Each rat or collection of rats as the case may be bears a card stating the locality where found. It is the intention in the future to bring all bodies of persons dying under suspicion of plague to the morgue, where a necropsy will be performed and bacteriological examination made. A supply of guinea pigs and rats for animal inoculation has been provided for the animal barn.

The division of medical inspection and reports is subdivided into six sections, each under the charge of an acting assistant surgeon. The first section is in charge of Acting Asst. Surg. A. J. Nelson, who has 8 men and 1 large wagon; the second section is in charge of Acting Asst. Surg. W. H. Hall, who has 8 men and 1 large wagon; the third section is in charge of Acting Asst. Surg. F. S. Palmer, with 8 assistants; the fourth section is in charge of Acting Asst. Surg. Edmund F. Taake, with 9 assistants; the fifth section is in charge of Acting Asst. Surg. J. C. Boyle, with 6 assistants; and the sixth section is in charge of Acting Asst. Surg. W. L. Ludlow, with 8 assistants. These officers are assigned to regularly defined districts comprising areas each covering from 9 to 20 city blocks. Their duties include a detailed inspection and written report of the sanitary condition, rubbish, and garbage disposition, and the plumbing status of each house by number. These reports are typewritten and classified. The medical officers cause all rubbish to be removed or burned and rat poison to be systematically placed where rats may have easy access to it. Every householder is given a written order to procure a prescribed garbage can, and the failure to comply with said order is made the subject of a special report which is forwarded to the chief of police for action. All plumbing irregularities are reported through the executive office for transmission to the regular city health department.

A systematic policing of premises is carried on under the immediate supervision of the medical officers, and a house-to-house inspection of the occupants of houses is made. Detailed maps of every

block of importance from a sanitary standpoint are drawn and filed in book form where they are easily accessible for reference. The districts are repeatedly inspected in order to insure constant compliance with the sanitary rules. Rat poison is prepared in large quantities by a pharmacist specially employed for the purpose, phosphorus, barytes, and arsenic in regular rotation being used on brown bread. The poison is spread on bread at the headquarters by 5 men who are constantly occupied with this work. The pieces of poison are placed in 2-gallon buckets, 200 of the latter being in use for the purpose, and delivered to the rat poisoners by means of wagons. The progress of the work is followed by the use of different colored pencils and pins on a large city map spread within easy view of the working force. In addition to the use of poisons for the extermination of rats, there are 2 professional rat trappers, who work systematically with rat traps and wagons. Finally, the special sanitation fund offers a standing bounty of 10 cents for each rat delivered properly tagged at the headquarters. There is a special inspector whose sole duty is to see that all butcher shops, provision, and fruit stores are rendered and kept rat-proof.

The work of the division of special municipal policing consists of general and special police work. This division tears down or burns all unused or worthless buildings which cannot be rendered sanitary.

*Plague prevention work to December 3.*

Sick persons inspected.....	3
City blocks inspected and reported upon.....	653
Nuisances abated.....	667
Cubic yards of rubbish burned.....	563
Cubic yards of rubbish removed.....	649
Rats delivered and cremated.....	7, 260
Rats killed, estimated.....	25, 000
Rats examined.....	300
Rats found infected with plague.....	2
Pieces of rat poison placed.....	576, 540
Garbage cans installed.....	2, 000

*Transactions of the division of special municipal policing.*

Blocks inspected.....	484
Garbage cans installed.....	7, 500
Cubic yards of rubbish removed.....	13, 000
Old buildings destroyed.....	26

*Plague death at Seattle, October 30, verified.*

Doctor Cofer further reports, December 7:

A death that occurred here October 30 has been verified as having been due to bubonic plague. This makes a total of 3 cases and 3 deaths. There has been no case or death since October 30.

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

CALIFORNIA—*Stockton*.—Month of November, 1907. Estimated population, 23,000. Total number of deaths, 20, including 2 from tuberculosis. Cases: Diphtheria 4, enteric fever 8, scarlet fever 6, smallpox 1, and tuberculosis 2.

FLORIDA—*Pensacola*.—Month of November, 1907. Estimated population, 22,256. Total number of deaths, 50, including whooping cough 1, enteric fever 1, and 5 from tuberculosis. Cases of contagious diseases not reported.

ILLINOIS—*Quincy*.—Month of November, 1907. Estimated population, 43,000. Total number of deaths, 52, including diphtheria 2, enteric fever 1, and 9 from tuberculosis. Cases: Diphtheria 29, enteric fever 2, and scarlet fever 2.

INDIANA—*Anderson*.—Month of November, 1907. Estimated population, 25,398. Total number of deaths, 15, including 2 from tuberculosis. Cases: Enteric fever 1, diphtheria 1, smallpox 10, and tuberculosis 2.

KANSAS.—Month of October, 1907. Reports to the State board of health show as follows: Diphtheria, 220 cases, 24 deaths; enteric fever, 350 cases, 59 deaths; measles, 91 cases, no deaths; scarlet fever, 115 cases, 4 deaths; smallpox, 65 cases, no deaths; tuberculosis, 90 cases, 50 deaths.

Contagious diseases were distributed in the cities as follows:

*Atchison*.—Diphtheria, 12 cases; enteric fever, 4 cases; smallpox, 8 cases.

*Coffeyville*.—Enteric fever, 11 cases; measles, 1 case; smallpox, 1 case.

*Kansas City*.—Diphtheria, 24 cases, 4 deaths; enteric fever, 35 cases, 5 deaths; scarlet fever, 6 cases; smallpox, 1 case; tuberculosis, 11 cases, 8 deaths.

*Leavenworth*.—Diphtheria, 8 cases; enteric fever, 2 cases, 1 death; smallpox, 6 cases.

*Parsons*.—Enteric fever, 5 cases, 1 death; smallpox, 1 case; scarlet fever, 3 cases; measles, 6 cases; tuberculosis, 4 cases, 2 deaths.

*Topeka*.—Diphtheria, 11 cases, 1 death; enteric fever, 5 cases, 4 deaths; tuberculosis, 4 cases, 4 deaths.

MASSACHUSETTS.—Reports from the State board of health for the month of September, 1907, show as follows: Week ended September 7, 1907. Forty-three cities and towns, having an aggregate estimated population of 2,209,294, report 798 deaths, including diphtheria 10, enteric fever 5, and 64 from phthisis pulmonalis. Cases: Diphtheria 117, enteric fever 92, measles 22, scarlet fever 80, leprosy 1, whooping cough 9, and tuberculosis 84.

Week ended September 14, 1907. Number of localities reporting, 43. Estimated population, 2,244,461. Total number of deaths, 730; diphtheria 9, enteric fever 14, measles 3, phthisis pulmonalis 48. Cases: Diphtheria 144, enteric fever 120, measles 36, scarlet fever 95, whooping cough 6, and tuberculosis 94.

Week ended September 21, 1907. Number of localities reporting, 44. Estimated population, 2,246,196. Total number of deaths, 795;

diphtheria 15, enteric fever 12, phthisis pulmonalis 62. Cases: Diphtheria 167, enteric fever 154, measles 26, scarlet fever 89, whooping cough 7, and tuberculosis 132.

Week ended September 28, 1907. Number of localities reporting, 42. Estimated population, 2,167,696. Total number of deaths, 692; diphtheria 9, enteric fever 10, phthisis pulmonalis 49. Cases: Diphtheria 157, enteric fever 117, measles 27, scarlet fever 123, smallpox 1, whooping cough 5, and tuberculosis 120.

MINNESOTA.—Month of October, 1907. Estimated population, 1,979,658. Reports to the State board of health show as follows: Total number of deaths, 1,247, including diphtheria 37, enteric fever 42, measles 1, scarlet fever 5, whooping cough 8, and 146 from tuberculosis. Deaths reported from State institutions during the month numbered 27, including enteric fever 2, and 5 from tuberculosis.

MONTANA—*Helena*.—Month of November, 1907. Estimated population, 21,000. Total number of deaths, 22. Cases: Diphtheria 2, enteric fever 2, and scarlet fever 1.

NEW HAMPSHIRE—*Franklin*.—Month of November, 1907. Estimated population, 6,000. Total number of deaths 5. Cases: Smallpox 3.

NEW JERSEY—*Phillipsburg*.—Month of October, 1907. Estimated population, 13,500. Total number of deaths not reported. Cases: Diphtheria 3, enteric fever 11, and scarlet fever 5.

Month of November, 1907. Total number of deaths not reported. Two deaths from diphtheria and 3 from enteric fever reported. Cases: Diphtheria 6, enteric fever 20, and scarlet fever 6.

NEW YORK.—Month of October, 1907. Estimated population 8,227,000. Reports to the State department of health show as follows: Total number of deaths, 11,383, corresponding to an annual death rate of 16.6 per 1,000 of the population, including enteric fever 224, measles 34, scarlet fever 44, whooping cough 39, diphtheria 195, and 1,080 from phthisis pulmonalis. Cases: Diphtheria 1,757, enteric fever 1,012, measles 1,358, scarlet fever 1,115, smallpox 42, and tuberculosis 1,567.

*Buffalo*.—Month of November, 1907. Estimated population, 400,000. Total number of deaths, 463, including diphtheria 6, enteric fever 8, measles 3, scarlet fever 5, whooping cough 1, and 37 from tuberculosis. Cases: Diphtheria 58, enteric fever 38, measles 257, scarlet fever 131, whooping cough 47, and tuberculosis 44.

*Troy*.—Month of November, 1907. Estimated population, 76,861. Total number of deaths, 117, including diphtheria 1, scarlet fever 1, and 23 from tuberculosis. Cases: Diphtheria 14, enteric fever 6, measles 83, scarlet fever 7, whooping cough 2, and tuberculosis 31.

NORTH CAROLINA.—Month of October, 1907. Estimated population, 1,893,810. Reports to State board of health from 82 counties

show as follows: Measles in 13 counties, whooping cough in 17 counties, scarlet fever in 27 counties, diphtheria in 46 counties, enteric fever in 65 counties, malarial fever in 17 counties, pernicious malarial fever in 4 counties, hemorrhagic malarial fever in 4 counties, and smallpox in 10 counties, viz: Buncombe, 4; Catawba, 1; Chatham, 5; Chowan, 2; Davie, 2; New Hanover, 1; Orange, 4; Sampson, 1; Warren, 2, and Watauga, —.

Reports for the month from 22 towns having an aggregate population of 221,500—white, 134,350; colored, 87,150—show a total of 306 deaths—white, 142; colored, 164—including diphtheria 1, enteric fever 25, malarial fever 12, whooping cough 3, and 29 from phthisis pulmonalis.

OHIO—*Newark*.—Month of November, 1907. Estimated population, 28,500. Total number of deaths, 20, including 3 from tuberculosis.

OREGON.—Month of September, 1907. Reports to the State board of health from 33 counties show as follows: Total number of deaths, 423, including diphtheria 4, enteric fever 12, scarlet fever 1, and 35 from tuberculosis. Cases: Diphtheria 56, enteric fever 87, measles 24, scarlet fever 39, smallpox 46, and tuberculosis 12.

Month of October, 1907. Total number of deaths 397, including diphtheria 1, enteric fever 9, measles 2, scarlet fever 1, and 30 from tuberculosis. Cases: Diphtheria 100, enteric fever 114, measles 110, scarlet fever 49, smallpox 35, and tuberculosis 9.

PENNSYLVANIA—*Butler*.—Four weeks ended October 28, 1907. Total number of deaths, 42. Cases: Enteric fever 12, diphtheria 1, and tuberculosis 1.

*Dunmore*.—Month of November, 1907. Estimated population, 17,500. Total number of deaths, 14, including 1 from tuberculosis. Cases: Enteric fever 1, diphtheria 9, measles 1, and tuberculosis 1.

*Homestead*.—Two weeks ended November 28, 1907. Estimated population, 17,000. Total number of deaths, 21, including 2 from tuberculosis. Cases: Diphtheria 4 and measles 2.

SOUTH CAROLINA—*Charleston*.—Month of November, 1907. Estimated population, 65,000. Total number of deaths not reported. Deaths reported: Diphtheria 1, whooping cough 1, and tuberculosis 12. Cases of contagious disease reported: Diphtheria 10, enteric fever 8, and scarlet fever 2.

WASHINGTON—*Bellingham*.—Month of November, 1907. Estimated population, 29,000. Total number of deaths, 20, including enteric fever 1 and 1 from tuberculosis. Cases: Diphtheria 1, enteric fever 1, and measles 4.



*Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, June 28 to December 20, 1907.*

[For reports received from December 28, 1906, to June 28, 1907, see PUBLIC HEALTH REPORTS for June 28, 1907.]

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Alaska:</b>				
Nome.....	July 1-10.....	1		From ss. Ohio.
St. Michael.....	May 26-July 13...	3		From ss. Pennsylvania, July 16; epidemic in vicinity.
Total for Territory.....		4		
<b>California:</b>				
General.....	July 1-31.....		1	
Longbeach.....	Sept. 1-30.....	5		
Los Angeles.....	July 21-Nov. 30...	19		Imported.
Oakland.....	July 1-Oct. 31....	24		
Pasadena.....	Sept. 1-30.....	3		
Sacramento.....	July 1-Oct. 31....	2		
San Francisco.....	June 22-Nov. 30...	51	3	
Stockton.....	Nov. 1-30.....	1		
Kern County.....	June 1-Nov. 28...	100		Estimated.
Kern city, with Bakersfield	Sept. 21-Nov. 28...	21		
Tehachapi.....	June 1-Nov. 15....	125		
Total for State.....		351	4	
<b>Colorado:</b>				
Adams County.....	Sept. 1-Oct. 31....	6		
Bent County.....	May 1-31.....	3		
Boulder County.....	May 1-Oct. 31....	35		
Clear Creek County.....	May 1-Oct. 31....	11		
Conejos County.....	June 1-30.....	1		
Denver County.....	May 1-Oct. 31....	137		
Douglas County.....	June 1-30.....	1		
Eagle County.....	May 1-31.....	1		
El Paso County.....	May 1-June 30....	3		
Grand County.....	June 1-Aug. 31....	7		
Jefferson County.....	May 1-July 31....	8		
Kiowa County.....	May 1-31.....	2		
Lake County.....	May 1-31.....	2		
Larimer County.....	May 1-July 31....	7		
Las Animas County.....	May 1-Aug. 31....	48		
Lincoln County.....	June 1-July 31....	4		
Logan County.....	July 1-31.....	1		
Mesa County.....	May 1-Sept. 30....	3		
Montrose County.....	May 1-June 30....	7		
Otero County.....	May 1-Aug. 31....	43		
Ouray County.....	Aug. 1-31.....	1		
Pitkin County.....	Oct. 1-31.....	1		
Prowers County.....	May 1-31.....	9		
Pueblo County.....	May 1-June 30....	11		
Washington County.....	May 1-July 31....	20		
Weld County.....	May 1-Aug. 31....	11		
Yuma County.....	May 1-June 30....	7		
Total for State.....		390		
<b>Connecticut:</b>				
Willimantic.....	June 1-30.....	2		
Total for State.....		2		
<b>Delaware:</b>				
Delaware Breakwater quarantine.	Sept. 24.....	1	1	From ss. Vienna from Tagal Java.
Total for State.....		1	1	
<b>District of Columbia:</b>				
Washington.....	June 16-Dec. 7...	4		
Total for District.....		4		
<b>Florida:</b>				
Duval County—Mandarin.....	Nov. 10-16.....	1		
Total for State.....		1		

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Illinois:</b>				
Arcadia .....	Jan. 1-June 30 .....	2	.....	Sept. 30. Still present.
Atwood .....	Jan. 1-June 30 .....	2	.....	
Aurora .....	Jan. 1-June 30 .....	55	.....	
Barry .....	Jan. 1-June 30 .....	8	.....	
Beardstown .....	Jan. 1-June 30 .....	1	.....	July 31. Still present.
Belleville .....	Jan. 1-Dec. 7 .....	10	.....	
Canton .....	Jan. 1-June 30 .....	1	.....	
Cerro Gordo .....	Jan. 1-June 30 .....	1	.....	
Chadwick .....	Jan. 1-June 30 .....	5	.....	
Champaign County .....	Jan. 1-June 30 .....	6	.....	
Chapin .....	Jan. 1-June 30 .....	4	.....	
Charleston .....	Jan. 1-June 30 .....	2	.....	
Chester .....	Jan. 1-June 30 .....	1	.....	
Chicago .....	June 23-Nov. 23 .....	20	.....	
Coal City .....	Jan. 1-June 30 .....	17	.....	Present. Do.
Colfax .....	Jan. 1-June 30 .....	1	.....	
Crawford County .....	Oct. 1-31 .....	.....	.....	
Cumberland County .....	Oct. 1-31 .....	.....	.....	
Danville .....	Jan. 1-June 30 .....	15	.....	Do.
Decatur .....	Jan. 1-June 30 .....	21	.....	
De Land .....	Jan. 1-June 30 .....	1	.....	
Dundas .....	Jan. 1-June 30 .....	3	.....	
East Dubuque .....	Jan. 1-June 30 .....	9	1	
Edwards County .....	Oct. 1-31 .....	.....	.....	
Evanston .....	Jan. 1-June 30 .....	2	.....	
Evansville .....	Jan. 1-June 30 .....	1	.....	
Fayette County .....	Jan. 1-June 30 .....	7	.....	
Freeport .....	Aug. 1-31 .....	.....	1	
Galena .....	Jan. 1-June 30 .....	68	.....	Present from July 1-Nov. 30. July 31. Still present.
Galesburg .....	June 16-July 6 .....	3	.....	
Hanna .....	Jan. 1-June 30 .....	1	.....	
Harvey .....	Jan. 1-June 30 .....	1	.....	
Henry County .....	July 1-Sept. 30 .....	.....	.....	Present. Aug. 31. Still present.
Iroquois .....	Jan. 1-June 30 .....	6	.....	
Jacksonville .....	Jan. 1-June 30 .....	1	.....	
Jo Daviess County .....	July 1-Nov. 30 .....	.....	.....	
Joliet .....	May 31-June 15 .....	5	.....	Present to Nov. 30.
Kankakee County .....	July 1-Sept. 30 .....	.....	.....	
Knox County .....	Jan. 1-June 30 .....	12	.....	
La Salle .....	Jan. 1-June 30 .....	26	.....	
Livingston County .....	Jan. 1-June 30 .....	74	.....	Do. Do. Do. Do.
Logan County .....	Sept. 1-Nov. 30 .....	.....	.....	
Macon County .....	Oct. 1-31 .....	.....	.....	
Marion .....	July 1-Aug. 31 .....	.....	.....	
Marshall County .....	Oct. 1-31 .....	.....	.....	Do.
Mason County .....	Aug. 1-Nov. 30 .....	.....	.....	
Mechanicsburg .....	Jan. 16-Aug. 1 .....	19	.....	
Morgan County .....	Oct. 1-31 .....	.....	.....	
Murrayville .....	Jan. 1-June 30 .....	1	.....	Oct. 31. Still present.
Panola .....	Jan. 1-June 30 .....	3	.....	
Peoria .....	June 18-Nov. 19 .....	14	.....	
Pike County .....	Jan. 1-June 30 .....	14	.....	
Plainfield .....	Jan. 1-June 30 .....	8	.....	Present.
Pontiac .....	Jan. 1-June 30 .....	17	.....	
Quincy .....	Oct. 1-31 .....	1	.....	
Rockford .....	Jan. 1-Oct. 31 .....	8	.....	
Rock Island County .....	July 1-Nov. 30 .....	.....	.....	Do.
Rushville .....	Jan. 1-June 30 .....	4	.....	
Sag Bridge .....	Jan. 1-June 30 .....	2	.....	
St. Charles .....	Jan. 1-June 30 .....	4	.....	
St. Clair County .....	July 1-31 .....	.....	.....	Do.
Sangamon County .....	July 1-Nov. 30 .....	.....	.....	
Shannon .....	Jan. 1-June 30 .....	1	.....	
Sherman .....	Nov. 1-5 .....	5	.....	
Springfield .....	June 21-Dec. 5 .....	108	.....	Aug. 31. Still present.
Stark County .....	Jan. 1-June 30 .....	37	.....	
Stronghurst .....	Jan. 1-June 30 .....	10	.....	
Tazewell County .....	Jan. 1-June 30 .....	33	.....	
Tolono .....	June 1-July 19 .....	5	.....	Present.
Tremont .....	Jan. 1-June 30 .....	27	.....	
Vermillion County .....	Oct. 1-31 .....	.....	.....	
Westville .....	Jan. 1-June 30 .....	1	.....	
Whiteside County .....	Sept. 1-30 .....	.....	.....	Do.
Williamsville .....	Jan. 1-June 30 .....	5	.....	
Winslow .....	June 1-Aug. 3 .....	25	.....	
Total for State .....	.....	744	2	
<b>Indiana:</b>				
Allen County .....	May 1-July 31 .....	6	.....	
Boone County .....	June 1-July 31 .....	4	.....	
Carroll County .....	June 1-30 .....	9	.....	
Cass County .....	May 1-Sept. 30 .....	10	.....	

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Indiana—Continued.</b>				
Clinton County.....	May 1-Sept. 30....	5		
Delaware County.....	June 1-July 31....	3		
Dearborn County.....	Sept. 1-30.....	3		
Elkhart County.....	May 1-July 31....	31		
Elkhart.....	July 1-Nov. 23....	26		
Floyd County.....	May 1-31.....	1		
Fountain County.....	May 1-31.....	1		
Grant County.....	May 1-July 31....	8		
Marion.....	June 1-Aug. 31....	4		
Hamilton County.....	May 1-July 31....	42		
Harrison County.....	May 1-31.....	3		
Hendricks County.....	May 1-July 31....	13		
Howard County.....	May 1-July 31....	5		
Huntington County.....	June 1-30.....	2		
Jay County.....	July 1-31.....	3		
Jefferson County.....	July 1-31.....	1		
Kosciusko County.....	June 1-July 31....	13		
Lake County.....	June 1-30.....	5		
Laporte County.....	May 1-July 31....	30		
Lawrence County.....	May 1-June 30....	8		
Madison County.....	June 1-Sept. 30....	3		
Anderson.....	Aug. 1-Nov. 30....	29		
Marion County—				
Indianapolis.....	June 17-Oct. 27....	11		
Marshall County.....	May 1-Sept. 30....	54		
Miami County.....	May 1-July 31....	23		
Montgomery County.....	June 1-Sept. 30....	9		
Noble County.....	July 1-31.....	1		
Parke County.....	June 1-30.....	1		
Pike County.....	June 1-30.....	3		
Porter County.....	June 1-30.....	12		
St. Joseph County—				
South Bend.....	June 16-July 20....	6		
Stark County.....	Sept. 1-30.....	12		
Tippecanoe County.....	May 1-June 30....	3		
Lafayette.....	June 18-Nov. 25....	8		
Tipton County.....	May 1-July 31....	34		
Vanderburg County.....	June 1-30.....	1		
Vermillion County.....	June 1-30.....	16		
Wabash County.....	May 1-31.....	8		
Wells County.....	June 1-30.....	1		
White County.....	May 1-31.....	3		
Whitley County.....	May 1-June 30....	3		
Total for State.....		477		
<b>Iowa:</b>				
Cartersville.....	Sept. 21-Oct. 12....	3		
Cedar Rapids.....	June 1-Oct. 31....	3		
Davenport.....	June 15-Sept. 30....	11		
Keokuk.....	July 1-31.....	2		
Ottumwa.....	Aug. 18-Nov. 23....	3		
Total for State.....		22		
<b>Kansas:</b>				
Allen County.....	May 1-Oct. 31....	18		
Atchison County.....	May 1-Sept. 30....	29		
Atchison (city).....	Aug. 1-Oct. 31....	21		
Barton County.....	May 1-June 30....	5		
Bourbon County.....	June 1-July 31....	4		
Brown County.....	May 1-31.....	6		
Butler County.....	Sept. 1-30.....	1		
Chase County.....	May 1-June 30....	38		
Cheyenne County.....	May 1-31.....	1		
Clark County.....	May 1-June 30....	7		
Clay County.....	July 1-Oct. 31....	3		
Cloud County.....	May 1-Oct. 31....	3		
Coffey County.....	Aug. 1-31.....	6		
Cowley County.....	May 1-July 31....	28		
Crawford County.....	May 1-31.....	1		
Dickinson County.....	Oct. 1-31.....	1		
Doniphan County.....	May 1-June 30....	9		
Edwards County.....	May 1-31.....	8		
Finney County.....	May 1-31.....	3		
Franklin County.....	May 1-June 30....	2		
Geary County.....	June 1-30.....	7		
Gove County.....	May 1-31.....	3		
Grant County.....	June 1-July 31....	10	1	
Greenwood County.....	May 1-31.....	1		
Harper County.....	May 1-31.....	1		
Harvey County.....	May 1-July 31....	18		

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Kansas—Continued.</b>				
Jackson County.....	May 1–July 31.....	21	.....	
Jefferson County.....	May 1–June 30.....	4	.....	
Kearny County.....	July 1–Sept. 30.....	2	.....	
Kingman County.....	May 1–Oct. 31.....	10	.....	
Labette County.....	May 1–July 31.....	2	.....	
Parsons.....	May 1–Oct. 31.....	16	.....	
Leavenworth County—				
Leavenworth.....	June 1–Oct. 31.....	15	.....	
Lincoln County.....	Aug. 1–31.....	4	.....	
Linn County.....	July 1–Sept. 30.....	5	.....	
Lyon County.....	May 1–31.....	2	.....	
Marion County.....	June 1–Oct. 31.....	7	.....	
Marshall County.....	Oct. 1–31.....	5	.....	
Miami County.....	May 1–31.....	1	.....	
Montgomery County.....	June 1–Sept. 30.....	10	.....	
Coffeyville.....	May 1–Oct. 31.....	16	.....	
Neosho County.....	Aug. 1–31.....	26	.....	
Osage County.....	Oct. 1–31.....	1	.....	
Osborne County.....	May 1–31.....	5	.....	
Pawnee County.....	June 1–Aug. 31.....	9	1	
Phillips County.....	May 1–31.....	22	.....	
Rawlins County.....	May 1–Oct. 31.....	12	.....	
Reno County.....	May 1–July 31.....	37	.....	
Saline County.....	May 1–Oct. 31.....	21	.....	
Sedgwick County.....	May 1–Oct. 31.....	15	.....	
Seward County.....	May 1–31.....	3	.....	
Shawnee County.....	Aug. 1–Oct. 31.....	12	.....	
Topeka.....	Aug. 1–31.....	1	.....	
Sheridan County.....	May 1–Oct. 31.....	48	.....	
Sherman County.....	May 1–July 31.....	44	.....	
Smith County.....	May 1–31.....	2	.....	
Stafford County.....	May 1–July 31.....	3	.....	
Sumner County.....	May 1–Sept. 30.....	18	.....	
Thomas County.....	May 1–31.....	1	.....	
Washington County.....	May 1–June 30.....	6	.....	
Wichita County.....	July 1–Aug. 31.....	3	.....	
Wilson County.....	May 1–31.....	4	.....	
Wyandotte County.....	June 1–Oct. 31.....	15	.....	
Kansas City.....	June 16–Dec. 7.....	17	.....	
Total for State.....		674	2	
<b>Kentucky:</b>				
Covington.....	June 23–Nov. 30 ..	10	.....	
Lexington.....	July 21–27 ..	1	.....	
Louisville.....	June 22–Oct. 10 ..	12	.....	
Total for State.....		23	.....	
<b>Louisiana:</b>				
New Orleans.....	June 16–Dec. 7....	30	3	
Shreveport.....	July 28–Oct. 19....	6	.....	
Total for State.....		36	3	
<b>Maine:</b>				
Penobscot County—				
Prescott.....	To Dec. 11 .....	1	.....	
Somerset County.....	do .....	8	.....	
Bingham.....	do .....	1	.....	
Total for State.....		10	.....	
<b>Massachusetts:</b>				
Boston.....	July 14–Sept. 28 ..	3	.....	
Fall River.....	Nov. 10–Dec. 7....	4	.....	
Lawrence.....	June 16–July 13 ..	3	.....	
Somerville.....	Oct. 20–Nov. 9 ....	2	.....	
South Groveland.....	July 1–Aug. 17.....	20	.....	
Total for State.....		32	.....	
<b>Michigan:</b>				
General.....	Oct. 1–31.....	32	.....	
Detroit.....	June 16–Sept. 28 ..	30	.....	
Grand Rapids.....	Nov. 10–Dec. 7....	14	.....	
Saginaw.....	Aug. 18–Dec. 7....	15	.....	
Total for State.....		91	.....	

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Minnesota:</b>				
Anoka County.....	May 21-27 .....	3	.....	
Becker County .....	Nov. 4-18 .....	6	.....	
Beltrami County .....	May 6-Aug. 12 .....	28	.....	
Benton County .....	Apr. 30-May 6 .....	2	.....	
Big Stone County .....	May 14-Aug. 12 .....	23	.....	
Blue Earth County .....	May 14-Nov. 25 .....	22	.....	
Brown County .....	May 14-Oct. 7 .....	34	.....	
Carver County .....	May 1-Sept. 23 .....	76	.....	
Cass County .....	May 1-Aug. 19 .....	24	.....	
Chippewa County .....	June 18-Nov. 25 .....	11	.....	
Chisago County .....	May 14-June 11 .....	19	.....	
Clay County .....	May 14-Nov. 4 .....	16	.....	
Crow Wing County .....	May 14-20 .....	1	.....	
Dakota County .....	May 14-Nov. 25 .....	4	.....	
Douglas County .....	July 1-15 .....	1	.....	
Faribault County .....	May 1-June 24 .....	38	.....	
Fillmore County .....	June 1-Nov. 25 .....	2	.....	
Freeborn County .....	Sept. 30-Oct. 7 .....	1	.....	
Goodhue County .....	Sept. 30-Nov. 25 .....	13	.....	
Grant County .....	May 27-July 15 .....	28	.....	
Hennepin County .....	May 1-Nov. 25 .....	99	.....	
Minneapolis .....	June 18-Oct. 31 .....	72	.....	
Houston County .....	May 1-July 22 .....	5	.....	
Hubbard County .....	June 18-July 22 .....	3	.....	
Isanti County .....	May 1-27 .....	18	.....	
Itasca County .....	May 6-Sept. 9 .....	12	.....	
Kandiyohi County .....	June 4-11 .....	18	.....	
Koochiching County .....	Nov. 11-18 .....	1	.....	
Lac qui Parle County .....	Aug. 13-19 .....	1	.....	
Lake County .....	May 14-Nov. 4 .....	27	.....	
Lesueur County .....	Nov. 11-18 .....	1	.....	
Lyon County .....	Oct. 28-Nov. 4 .....	1	.....	
McLeod County .....	May 27-Nov. 11 .....	17	.....	
Meeker County .....	June 24-July 1 .....	1	.....	
Millelacs County .....	May 1-Aug. 12 .....	3	.....	
Morrison County .....	Apr. 30-Nov. 25 .....	8	.....	
Nicollet County .....	May 1-Nov. 25 .....	51	.....	
Nobles County .....	June 14-Oct. 21 .....	11	.....	
Norman County .....	Oct. 21-28 .....	1	.....	
Olmsted County .....	June 18-24 .....	1	.....	
Ottertail County .....	July 30-Aug. 5 .....	4	.....	
Pine County .....	May 28-Nov. 25 .....	4	.....	
Polk County .....	June 18-Nov. 25 .....	9	.....	
Ramsey County .....	May 1-July 29 .....	29	.....	
St. Paul .....	June 18-Sept. 30 .....	44	.....	
Red Lake County .....	July 16-Aug. 25 .....	4	.....	
Renville County .....	June 24-Aug. 19 .....	29	.....	
Rice County .....	Sept. 30-Oct. 7 .....	1	.....	
St. Louis County .....	June 18-Nov. 18 .....	41	.....	
Scott County .....	May 1-June 24 .....	22	.....	
Sherburne County .....	May 14-20 .....	1	.....	
Stearns County .....	May 1-Oct. 7 .....	88	.....	
Steele County .....	May 6-July 8 .....	10	.....	
Todd County .....	May 6-Nov. 4 .....	4	.....	
Traverse County .....	May 6-13 .....	8	.....	
Wabasha County .....	May 1-June 24 .....	2	.....	
Wadena County .....	Nov. 11-18 .....	3	.....	
Waseca County .....	Aug. 12-Nov. 18 .....	3	.....	
Washington County .....	May 1-Nov. 25 .....	30	.....	
Stillwater .....	July 1-Aug. 31 .....	5	.....	
Watsonwan County .....	June 18-24 .....	1	.....	
Winona County—				
Winona .....	Nov. 10-30 .....	3	.....	
Wilkin County .....	May 1-Aug. 25 .....	21	.....	
Wright County .....	June 18-Nov. 25 .....	39	.....	
Yellow Medicine County .....	May 1-Nov. 25 .....	8	.....	
Total for State .....		1,116	.....	
<b>Mississippi:</b>				
Adams County—				
Natchez .....	July 1-6 .....	2	.....	Imported.
Harrison County—				
Biloxi .....	May 1-31 .....	1	.....	
Washington County .....	May 1-July 31 .....	12	.....	
Greenville .....	Aug. 1-31 .....	1	.....	
Total for State .....		16	.....	

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Missouri:</b>				
Buchanan County—				
St. Joseph .....	June 16–Nov. 2 .....	30		
Cole County .....	Oct. 1–31 .....	8		
Daviess County .....	Oct. 1–31 .....	2		
De Kalb County .....	Oct. 1–31 .....	8		
Gentry County .....	Oct. 1–31 .....	8		
St. Louis City County—				
St. Louis .....	June 16–Oct. 31 .....	8		
Total for State .....		64		
<b>Montana:</b>				
Beaverhead County .....	Feb. 1–28 .....	1		
Broadwater County .....	May 1–31 .....	1		
Carbon County .....	Aug. 1–31 .....	1		
Cascade County .....	Apr. 1–June 30 .....	8		
Custer County .....	Feb. 1–Sept. 30 .....	23		
Dawson County .....	July 1–31 .....	1		
Deerlodge County .....	Mar. 1–Aug. 31 .....	2		
Fergus County .....	Apr. 1–Oct. 31 .....	2		
Flathead County .....	Apr. 1–30 .....	1		
Gallatin County .....	May 1–June 30 .....	2		
Granite County .....	May 1–Oct. 31 .....	6		
Lewis and Clarke County ..	May 1–31 .....	1		
Madison County .....	Feb. 1–28 .....	1		
Meagher County .....	May 1–31 .....	1		
Missoula County .....	Feb. 1–Oct. 31 .....	26		
Park County .....	Mar. 1–Oct. 31 .....	26		
Rosebud County .....	July 1–Aug. 31 .....	2		
Sanders County .....	Feb. 1–June 30 .....	14		
Silverbow County .....	Feb. 1–Oct. 31 .....	17		
Valley County .....	May 1–July 31 .....	2		
Yellowstone County .....	May 1–Oct. 31 .....	15		
Total for State .....		153		
<b>Nebraska:</b>				
Lincoln .....	Apr. 1–Oct. 31 .....	99		
Omaha .....	Feb. 1–Sept. 30 .....	44		
Nebraska City .....	Dec. 1–7 .....	1		
Total for State .....		144		
<b>New Hampshire:</b>				
Franklin .....	Oct. 1–Nov. 30 .....	4		
Total for State .....		4		
<b>New Jersey:</b>				
Carlstadt .....	Sept. 6 .....	1		
Newark .....	July 1–Nov. 9 .....	16		
West Hoboken .....	Apr. 1–Aug. 15 .....	7		
Total for State .....		24		
<b>New York:</b>				
Albany County .....	Aug. 1–31 .....	2		
Allegany County .....	Jan. 1–Feb. 28 .....	10		
Broome County .....	Jan. 1–Feb. 28 .....	39		
Cattaraugus County .....	Apr. 1–Sept. 30 .....	20		
Machias .....	May 1–June 30 .....	3		
Chautauqua County .....	Feb. 1–Mar. 31 .....	2		
Chemung County .....	Jan. 1–Feb. 28 .....	2		
Chenango County .....	Jan. 1–Apr. 7 .....	6		
Columbia County .....	May 1–31 .....	1		
Cortland County—				
Homer .....	Aug. 5–Sept. 6 .....	1		
Erie County .....	Jan. 1–July 31 .....	11		
Buffalo .....	July 14–Oct. 31 .....	6	1	
Greene County .....	Jan. 1–Feb. 28 .....	3		
Jefferson County .....	June 1–Nov. 7 .....	36		
Lewis County .....	Aug. 1–Nov. 7 .....	20		
Monroe County .....	Oct. 1–31 .....	3		
New York County—				
New York .....	June 23–Dec. 7 .....	7	2	
Niagara County—				
Niagara Falls .....	May 1–31 .....	2		
Oneida County .....	Oct. 1–31 .....	20		
Ontario County .....	Feb. 1–28 .....	3		
Onondaga County—				
Syracuse .....	Aug. 7–Nov. 7 .....	2		

7 cases imported.

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>New York—Continued.</b>				
Orange County.....	Feb. 1-Oct. 31....	5		
Orleans County.....	June 1-30.....	1		
Otsego County—				
Springfield.....	Oct. 1-31.....	1		
Rockland County.....	May 1-31.....	2		
St. Lawrence County.....	Apr. 1-Nov. 7.....	3		
Schenectady County.....	June 1-30.....	5		
Seneca County.....	Aug. 1-31.....	1		
Steuben County.....	Mar. 1-Apr. 30.....	4		
Suffolk County.....	Apr. 1-May 31.....	1		
Shelter Island.....	May 1-Sept. 30.....	1		
Tompkins County.....	Oct. 1-31.....	1		
Ulster County.....	Mar. 1-Oct. 31.....	6		
Kingston.....	June 1-Nov. 11.....	16		
Westchester County.....	Apr. 1-30.....	1		
Wyoming County.....	June 1-30.....	1		
Yates County.....	Mar. 1-Apr. 30.....	6		
Total for State.....		253	3	
<b>North Carolina:</b>				
Alamance County.....	May 1-Sept. 30.....	70		
Alexander County.....	May 1-31.....	1		
Beaufort County.....	May 1-31.....	1		
Bladen County.....	May 1-31.....	1		
Buncombe County.....	Oct. 1-31.....	4		
Burke County.....	May 1-July 31.....	4		
Cabarrus County.....	May 1-Sept. 30.....	7		
Camden County.....	Aug. 1-Sept. 30.....	8		
Catawba County.....	Oct. 1-31.....	1		
Chatham County.....	May 1-Oct. 31.....	14		
Chowan County.....	May 1-Oct. 31.....	34		
Cleveland County.....	July 1-31.....			Present.
Columbus County.....	June 1-July 31.....	6		
Davidson County.....	May 1-31.....	12		
Davie County.....	May 1-Oct. 31.....	4		
Durham County.....	June 1-30.....	3		
Edgecombe County.....	May 1-31.....	1		
Forsyth County.....	May 1-July 31.....	14		
Franklin County.....	May 1-June 30.....	11		
Gaston County.....	June 1-30.....	3		
Guilford County.....	May 1-July 31.....	17		
Greensboro.....	June 29-Sept. 7.....	17		
Harnett County.....	May 1-June 30.....	13		
Johnston County.....	May 1-July 31.....	50		
Lincoln County.....	May 1-31.....	1		
Madison County.....	July 1-Aug. 31.....	20		
Martin County.....	July 1-Aug. 31.....	2		
Mitchell County.....	July 1-31.....	20		Aug. 1-Sept. 30. Present.
Nash County.....	May 1-Aug. 31.....	4		
New Hanover County, Wil-	May 1-Oct. 31.....	12		
mington included.				
Orange County.....	July 1-Oct. 31.....	14		
Pender County.....	July 1-31.....	1		
Pitt County.....	Aug. 1-31.....	1		
Robeson County.....	May 1-31.....	5		
Rockingham County.....	Aug. 1-31.....	9		
Rowan County.....	May 1-July 31.....	14		
Rutherford County.....	June 1-30.....	2		
Sampson County.....	July 1-Oct. 31.....	3		
Union County.....	July 1-31.....	1		
Wake County.....	May 1-July 31.....	74		
Warren County.....	Aug. 1-Oct. 31.....	11		
Watauga County.....	July 1-Sept. 30.....	25		Oct. 1-31. Present.
Wayne County.....	Aug. 1-31.....	1		
Total for State.....		516		
<b>North Dakota:</b>				
Ramsey County—				
Devils Lake.....	Oct. 1-Nov. 14.....	48		Present.
Terry.....	Nov. 1-14.....			Do.
Penn.....	Nov. 1-14.....			
Total for State.....		48		
<b>Ohio:</b>				
Cleveland.....	June 22-28.....	4		
Cincinnati.....	June 30-Dec. 6.....	10		
Columbus.....	June 1-30.....	3		
Dayton.....	Aug. 25-Nov. 30.....	4		

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Ohio—Continued.</b>				
Hamilton.....	Mar. 17-June 27 ..	21	.....	
Sandusky.....	Nov. 24-30.....	1	.....	
Toledo.....	May 19-July 25...	80	.....	
Total for State.....		78	.....	
<b>Oregon:</b>				
General.....	Mar. 1-31.....	15	1	
Baker County.....	Apr. 1-Oct. 31 ..	11	.....	
Clatsop County.....	July 1-31.....	1	.....	
Columbia County.....	June 1-30.....	1	.....	
Coos County.....	July 1-31.....	3	.....	
Douglas County.....	Apr. 1-30.....	1	.....	
Grant County.....	Aug. 1-Oct. 31 ..	65	.....	
Klamath County.....	Apr. 1-30.....	1	.....	
Linn County.....	May 1-Sept. 30 ..	7	.....	
Marion County.....	May 1-31.....	1	.....	
Multnomah County.....	Apr. 1-Oct. 31 ..	7	.....	
Portland.....	May 1-Oct. 31.....	13	.....	
Polk County.....	Oct. 1-31.....	1	.....	
Union County.....	Apr. 1-Oct. 31.....	16	.....	
Walla Walla County.....	Oct. 1-31.....	3	.....	
Wasco County.....	Apr. 1-30.....	1	.....	
Washington County.....	Apr. 1-May 31.....	2	.....	
Yamhill County.....	Oct. 1-31.....	1	.....	
Total for State.....		150	1	
<b>Pennsylvania:</b>				
Altoona.....	Nov. 3-9.....	2	.....	
Erie.....	Dec. 6-12.....	1	.....	
Homestead.....	June 8-21.....	2	.....	
New Castle.....	June 1-30.....	3	.....	
Oil City.....	July 3-13.....	2	.....	
Philadelphia.....	July 7-13.....	1	.....	
Spring City.....	Aug. 19-Sept. 6 ..	1	.....	
Total for State.....		12	.....	
<b>South Dakota:</b>				
Sioux Falls.....	Aug. 11-24.....	2	.....	
Total for State.....		2	.....	
<b>Tennessee:</b>				
Memphis.....	June 23-July 13...	8	.....	
Nashville.....	June 24-Dec. 7....	43	.....	
Total for State.....		51	.....	
<b>Texas:</b>				
Galveston.....	June 22-28.....	1	.....	
Houston.....	Apr. 28-July 27 ..	50	1	
San Antonio.....	June 16-Nov. 23 ..	18	.....	
Temple.....	Sept. 28.....	2	.....	
Total for State.....		71	1	
<b>Utah:</b>				
Salt Lake County, Salt Lake City.....	June 1-Nov. 30 ..	29	.....	
Summit County.....	Sept. 1-30.....	5	.....	
Uintah County.....	May 1-31.....	1	.....	
Wasatch County.....	May 1-Sept. 30 ..	28	.....	
Weber County.....	June 1-30.....	3	.....	
Total for State.....		66	.....	
<b>Vermont:</b>				
Marshfield.....	July 15-Sept. 4....	6	.....	
West Berlin.....	Apr. 26-Aug. 20 ..	43	.....	
Total for State.....		49	.....	
<b>Virginia:</b>				
Albemarle County.....	Oct. 1-31.....	2	.....	
Amherst County.....	Apr. 1-30.....	3	.....	
Appomattox County.....	Apr. 1-May 31 ..	5	.....	
Bedford County.....	Apr. 1-30.....	.....	.....	
Caroline County.....	Aug. 1-Oct. 31 ..	9	.....	
Dinwiddie County.....	July 1-31.....	2	.....	
Elizabeth City County.....	Apr. 1-May 31 ..	5	.....	
Giles County.....	Apr. 1-May 31 ..	3	.....	
Hanover County.....	Apr. 1-July 31 ..	4	.....	
Henrico County, Richmond	June 12-Dec. 7....	17	.....	

Present



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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Virginia—Continued.</b>				
Henry County.....	Aug. 1-31.....	4	.....	July 31, still present.
Lancaster County.....	July 1-31.....	1	.....	
Louisa County.....	Apr. 1-July 31.....	9	.....	
Mecklenburg County.....	May 1-31.....	7	.....	
Nansemond County.....	Apr. 1-May 31.....	2	.....	
Pittsylvania County.....	Apr. 1-Sept. 30.....	5	.....	
Princess Anne County.....	May 1-July 31.....	3	.....	
Rockbridge County.....	Apr. 1-30.....	40	.....	
Scott County.....	Apr. 1-30.....	50	.....	
Smyth County.....	Apr. 1-Aug. 31.....	6	.....	
Southampton County.....	May 1-31.....	4	.....	
Surry County.....	Apr. 1-30.....	1	.....	
Tazewell County.....	Apr. 1-30.....	6	.....	
Warwick County.....	May 1-31.....	2	.....	
Wise County.....	July 1-Oct. 31.....	13	.....	
York County.....	Apr. 1-30.....	5	.....	
Total for State.....	.....	208	.....	
<b>Washington:</b>				
Fort Steilacoom.....	May 10-30.....	2	.....	7 imported.
Seattle.....	May 1-Oct. 31.....	82	.....	
Spokane.....	June 16-Nov. 23.....	67	.....	
Tacoma.....	June 23-Nov. 30.....	20	.....	
Total for State.....	.....	171	.....	
<b>West Virginia:</b>				
Ripley.....	May 25-Aug. 19.....	28	.....	
Total for State.....	.....	28	.....	
<b>Wisconsin:</b>				
Ashland County.....	Apr. 1-Sept. 30.....	13	.....	1
Barron County.....	Apr. 1-Sept. 30.....	5	.....	
Bayfield County.....	May 1-June 30.....	4	.....	
Burnett County.....	Aug. 1-31.....	1	.....	
Chippewa County.....	May 1-31.....	3	.....	
Clark County.....	Aug. 1-Sept. 30.....	5	.....	
Crawford County.....	Apr. 1-Aug. 31.....	23	.....	
Dane County.....	Apr. 1-Aug. 31.....	44	.....	
Douglas County.....	Apr. 1-Sept. 30.....	30	.....	
Dunn County.....	May 1-Aug. 31.....	12	.....	
Eau Claire County.....	Sept. 1-30.....	1	.....	
Fond du Lac County.....	May 1.....	25	.....	
Forest County.....	Apr. 1-June 30.....	8	.....	
Grant County.....	Apr. 1.....	10	.....	
Green County.....	July 1-31.....	4	.....	
Green Lake County.....	Apr. 1-June 30.....	29	.....	
Iowa County.....	Apr. 1-30.....	1	.....	
Iron County.....	May 1-31.....	7	.....	
Jefferson County.....	Apr. 1-30.....	1	.....	
Juneau County.....	May 1-July 31.....	8	.....	
La Crosse County.....	.....	.....	.....	
La Crosse.....	Sept. 22-Dec. 7.....	22	.....	
Lafayette County.....	May 1-June 30.....	8	.....	
Langlade County.....	May 1-June 30.....	26	.....	
Manitowoc County, Manitowoc.....	June 16-22.....	1	.....	
Milwaukee County.....	Apr. 1-Aug. 31.....	24	.....	
Milwaukee.....	June 16-Nov. 16.....	50	.....	
Monroe County.....	June 1-30.....	1	.....	
Outagamie County.....	Apr. 1-30.....	1	.....	
Appleton.....	Oct. 6-12.....	2	.....	
Oneida County.....	June 1-July 31.....	6	.....	
Polk County.....	June 1-30.....	13	.....	
Portage County.....	May 1-June 30.....	5	.....	
Pierce County.....	June 1-30.....	3	.....	
Racine County.....	June 1-30.....	3	.....	
Richland County.....	Apr. 1-30.....	3	.....	
Rock County.....	June 1-July 31.....	11	.....	
Shawano County.....	May 1-31.....	3	.....	
Trempealeau County.....	Aug. 1-31.....	5	.....	
Vernon County.....	Apr. 1-July 31.....	21	.....	
Washburn County.....	May 1-Sept. 30.....	31	.....	
Winnebago County.....	June 1-30.....	2	.....	
Waupaca County.....	Apr. 1-June 30.....	45	.....	
Wausara County.....	May 1-July 31.....	7	.....	
Wood County.....	Apr. 1-Aug. 31.....	9	1	
Total for State.....	.....	536	2	
Grand total, United States.....	.....	6,617	19	

*Plague in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, August 12 to December 20, 1907.*

Place.	Date.	Cases.	Deaths.	Remarks.
California:				
Berkeley .....	Sept. 1.....	1	1	
Oakland.....	Oct. 9-28.....	4	4	
San Francisco <sup>a</sup> .....	Aug. 12-Dec. 17...	128	70	Case Aug. 12 from ss. Samoa.
Washington:				
Seattle.....	Oct. 16-30.....	3	3	

<sup>a</sup> A case of plague was admitted to the marine hospital, San Francisco, May 23, and died May 26, 1907. (See PUBLIC HEALTH REPORTS, June 21, 1907.)

*Yellow fever in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, September 1 to December 20, 1907.*

Place.	Date.	Cases.	Deaths.	Remarks.
Maryland:				
Baltimore.....	Sept. 1-7.....	1	1	At Baltimore quarantine station, from Norwegian ss. Aagot, from Daiquiri.



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

Cities.	Week ended—	Popu- lation, United States census 1900.	Total deaths from all causes.	Cases and deaths.																Whoop- ing cough.				
				Tuber- culosis.		Yellow fever.		Small- pox.		Vario- loid.		Chol- era.		Typhus fever.		Enteric fever.		Scarlet fever.			Diph- theria.		Measles.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.		Cases.	Deaths.	Cases.	Deaths.
Galveston, Tex.	Dec. 6	87,789	9	1	1											1		1		6				
Gloucester, Mass.	Dec. 7	26,121	5	2												2		6		5		1		
Grand Rapids, Mich.	Nov. 30	87,565	24	4	2			4								2		9		3		6		
Do.	Dec. 7	87,565	28					1								2		3		3		1		4
Greensboro, N. C.	Nov. 30	10,085	3																					
Greenville, S. C.	Nov. 30	11,896	6	1	1																			
Harrison, N. J.	Dec. 7	10,596	33	3	5											1		1		9		3		1
Hartford, Conn.	Nov. 24	79,850	23	5	5											1		1		1		4		14
Do.	Dec. 1	79,850	23	4	2											1		1		4		2		1
Haverhill, Mass.	Dec. 7	37,175	17																					
Hoboken, N. J.	do	59,864																						
Hyde Park, Mass.	do	18,244	2																					
Jacksonville, Fla.	do	28,429	17																					
Jersey City, N. J.	Dec. 1	206,433	68	2	6																			
Do.	Dec. 7	206,433	111	1	12																			
Johnstown, Pa.	Dec. 7	35,936	19	1	1			2								5		6		11		3		6
Kansas City, Kans.	do	51,418	17	1	1											1		5		2		1		2
Kearny, N. J.	do	10,896	5	1	1													1		4		1		1
Kingston, N. Y.	do	24,635	6																					
Knoxville, Tenn.	do	32,037																						
La Crosse, Wis.	Nov. 30	28,895	7	3				4								3		3		1		6		4
Do.	Dec. 7	28,895														4		2		2		2		2
La Fayette, Ind.	Dec. 9	18,116	6																					
Lancaster, Pa.	Dec. 7	41,459																						
Lawrence, Mass.	do	62,559	27	6	5																			
Lexington, Ky.	do	26,389	10	3																				
Los Angeles, Cal.	Nov. 28	102,479	80	3	20											6		2		18		3		2
Do.	Nov. 30	102,479	87	5	16			2								15		1		7		2		6
Lowell, Mass.	Dec. 7	94,969	27	5	1			5								2		4		1		3		2
Lynn, Mass.	Nov. 30	68,513	31													2		5		2		6		1
Macon, Ga.	do	22,746	3	1																				
Malden, Mass.	Dec. 7	33,664	10													1		1		4		1		2
Manchester, N. H.	do	56,987	12																	11		1		1
Manitowoc, Wis.	do	11,786	3																	2		2		1
Marinette, Wis.	do	16,195	2																					
Marlboro, Mass.	Nov. 30	13,609	2													1								



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

Cities.	Week ended—	Popula- tion, United States census 1900.	Total deaths from all causes.	Cases and deaths.																					
				Tuber- culosis.		Yellow fever.		Small- pox.		Vario- loid.		Chol- era.		Typhus fever.		Enteric fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
St. Joseph, Mo.	Nov. 23	102,979	17	2														4		6	1	2		1	
Do.	Nov. 30	102,979	10	2														20	1	18		2		2	1
St. Louis, Mo.	Dec. 7	576,238	192	26																					
Sandusky, Ohio	Nov. 30	19,664	6					1																	4
San Francisco, Cal.	Nov. 23	342,782	118	10	12			1										2		13	3	1			
Sioux Falls, S. Dak.	Dec. 7	10,266	6																						
Somerville, Mass.	do	61,643	39	5	4																				
South Bend, Ind.	do	35,999	11	1																					
Springfield, Ill.	do	34,159	15					16																	
Springfield, Mass.	Dec. 5	62,059	27	1																					
Springfield, Ohio.	Dec. 7	38,253	10	1																					
Steelton, Pa.	do	12,068	6	1																					
Tacoma, Wash.	Nov. 2	37,714	19					2										3		2	1	1		1	
Do.	Nov. 9	37,714	21	1				2																	
Taunton, Mass.	Nov. 30	31,086	12																						
Terre Haute, Ind.	Dec. 7	36,673	8	1																					
Titusville, Pa.	do	8,244	1																						
Toledo, Ohio	do	131,822	35	2																					
Trenton, N. J.	do	73,307	1																						
Waltham, Mass.	do	23,481	1	1																					
Warren, Ohio	do	8,529	1																						
Warren, Pa.	do	8,043	6																						
Do.	Dec. 2	8,043	6																						
Washington, D. C.	Dec. 9	278,718	126	4																					
Wilkesbarre, Pa.	Dec. 7	51,721	30	1				3																	
Do.	Nov. 29	51,721	29	1																					
Do.	Dec. 6	28,757	4																						
Do.	Dec. 7	28,757	25	1																					
Williamsport, Pa.	do	76,508	4																						
Wilmington, Del.	do	19,714	4																						
Winona, Minn.	do	14,254	9																						
Woburn, Mass.	do	118,421	49	3																					
Worcester, Mass.	do	47,981	23	8																					
Yonkers, N. Y.	do																								

aIntervening weeks previously reported.

## FOREIGN AND INSULAR.

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### CURRENT QUARANTINE MEASURES.

[From the Veröffentlichungen des Kaiserlichen Gesundheitsamtes, Berlin, November 27, 1907.]

#### CHOLERA.

**AUSTRIA.**—November 18. The Government of Lublin being declared free of cholera, the governor of Lemberg suspends sanitary inspection of travelers and their baggage at Betzec, Majdansieniawski, and Nadbrzezcie and inspection of merchandise and persons at the customs-houses at Lazek and Koziarnia. This suspension extends to the station of Strzemilcze, and traffic on the border is declared open.

**PERSIA.**—November 20. Quarantine measures against arrivals from Russia removed at Astara.

**RUSSIA.**—November 19. The declaration that the cities of Saratow, Zaryzin, and Kamyschin were cholera infected is removed. The entire government of Saratow is declared cholera threatened.

#### PLAGUE.

**BELGIUM.**—November 9. Quarantine measures ordered against arrivals from Tunis and Philippeville. Such arrivals shall be subject at the quarantine station of the Scheldt and at the ports of Ostend, Niuport, Zeebrugge, and Salzaete to the treatment prescribed in the sanitary convention of Paris, 1903.

**CHINA.**—October 7. The German consul at Chefoo has, in conjunction with the Chinese local authorities and the other consular representatives, suspended his order of July 2 declaring sanitary police control of German vessels arriving from Hongkong.

*October 9.*—The German consul at Shanghai suspended his order against arrivals from Hongkong, Amoy, Foochoo, Wusung, and Shanghai, as applies to German vessels, from October 10. Importation of rags, old paper, coffins containing bodies, and articles not complying with harbor notification No. 6, 1906, forbidden.

*October 23.*—The German consul at Tientsin suspended his order against arrivals from Hongkong and the ports of Tongku, with discrimination against importations named above.

*October 11 and November 2.*—The German consul at Mukden suspended sanitary control of arrivals from Hongkong, Tientsin, Amoy, and Foochoo. Similar restrictions applied to importations as named above.

**FRANCE.**—November 5. Ports of Oran and Philippeville declared plague-infected.

GERMANY.—November 15. Governments of the maritime states directed to apply medical inspection of vessels for all arrivals from Philippeville and so to instruct the proper authorities.

HOLLAND.—November 14 and 15. Philippeville and Tunis declared plague-infected. Quarantine detention of five days ordered.

ITALY.—November 14. Sanitary police measures against Tunis suspended.

NORWAY.—November 12. Tunis, Philippeville, and Oran declared plague-infected. Quarantine measures ordered against arrivals from the ports named.

SPAIN.—November 19. Tunis declared suspect.

SWEDEN.—November 4. Oran, Hongkong, Foochow, and Amoy declared free of plague. The following places declared plague-infected: The Government of Astrachan, Egypt, San Francisco, Rio de Janeiro, Peru, Antofagasta, and Pisagua, the Provinces of the Hedjaz and Yemen, the Ural and Trans-Caspian Territories in Asia, Afghanistan, ports on the Chat-el-Arab, British East Indies, Rangoon, Manila, Formosa, Hanoi in Tonkin, Newchwang, Japan, Madagascar, and Sydney, Perth, Freemantle, and Geraldton, in Australia.

SWITZERLAND.—November 19. Oran, Philippeville, and Bona declared plague-infected. Observation of travelers and merchandise ordered.

TURKEY.—November 12. Arrivals from Philippeville and Bona subject to medical inspection and measures for destruction of rats. These measures shall be applied at a Turkish lazaretto or at Jaffa or Rhodes. Measures of precaution against Mitylene suspended.

#### AFRICA.

##### *Report from Cape Colony—Examination of rodents at King Williams Town for plague infection.*

The following is received from the medical officer of health for the colony under date of November 4:

Week ended November 2:

No case of plague was discovered during the week.

Ninety-two rats (25 found dead), 9 mice, and 1 cat (found dead) were examined, of which 25 rats and 1 cat were found to be probably plague-infected.

#### CUBA.

##### *Reports from Cienfuegos—Inspection of vessels—Leprosy—Yellow fever.*

Acting Assistant Surgeon Marsillan reports, December 9:

Week ended December 7:

Vessels inspected and bills of health issued.....	2
Members of crews inspected.....	51
Steerage passengers in transit inspected.....	2

Inspected during this week the Cuban steamship *Manzanillo*, from the port of same name, bound for New York via Guantanamo, with



29 in the crew, and the Norwegian steamship *Britannic*, from Baltimore, bound for a port in the United States via Belize, British Honduras, with 22 in the crew and 2 steerage passengers in transit. The first vessel sailed in a cargo of sugar and the second in water ballast.

Quarantinable diseases in the port, yellow fever and leprosy.

Statistics of yellow fever to present date: Cases recorded to date, 79; deaths, 21; under treatment, 1.

December 12. One death from yellow fever to-day; no new cases.

*Report from Habana—Inspection and fumigation of vessels—Yellow fever in Habana and Santa Clara Provinces—Train inspection—Detentions at Triscornia.*

Passed Assistant Surgeon Amesse reports, December 9:

*Week ended December 7.*

Vessels inspected and bills of health issued.....	16
Vessels not inspected and bills of health issued.....	3
Members of crews of outgoing vessels inspected.....	819
Members of crews of outgoing vessels not inspected.....	158
Passengers of outgoing vessels inspected.....	297
Passengers of outgoing vessels not inspected.....	128
Persons entering Triscornia for observation prior to sailing.....	146
Persons transferred from Triscornia to vessels.....	8
Certificates of immunity to yellow fever issued.....	30
Vessels fumigated prior to sailing.....	9

The sanitary status of Habana and Cuba generally shows no material improvement over last week. The city health authorities, however, are instituting a more comprehensive system of train inspection and of keeping under surveillance, for a period of six days, all passengers coming from infected points in the provinces.

A case of yellow fever has been reported at Cienfuegos, originating at 15 Calle Sol, Habana. All prophylactic measures have been practiced. For the interior, 1 case was reported at Bainoa, Habana Province, on December 1, in the person of a native, death resulting on the same date. Another case was reported at this point on December 3, a Spaniard, and discharged recovered on the 7th. Bainoa is a small town on the Habana Central Railroad, 42 miles from Habana.

At Remedios, near the seaport of Caibarien, Santa Clara Province, a case of yellow fever was reported December 4. The patient, a Spaniard, was 1 of the 2 nonimmunes employed on a neighboring estate, and had not entered known infected territory for several months. The case presented such unusual features, especially in the matter of contact, that an expert diagnostician for the sanitary board was ordered to Remedios to investigate. He reported a case of yellow fever.

*Report from Matanzas—Inspection and fumigation of vessels—Sanitary measures.*

Acting Assistant Surgeon Nuñez reports, December 9:

Week ended December 7. Five bills of health were granted to vessels leaving for ports in the United States, and one certificate of immunity was issued to a passenger bound to the Republic of Panama

by way of Habana. Three vessels were fumigated, as follows: December 2, the American schooner *Wave*, carrying 5 in the crew, no passengers, bound for Key West, Fla.; December 6, the British schooner *Georgina Roop*, with 7 members of crew, no passengers, and destined for Gulport, Miss., and the Norwegian steamship *Ole Bull*, having 21 in the crew, no passengers, and clearing for Mobile, Ala. No sickness was observed on board of any of these vessels up to the time of inspection.

Since November 27, when one case of yellow fever was confirmed at Union de Reyes, no new cases have been reported either in the city or province.

The work of oiling and fumigating and of inspecting nonimmunes is continued at the district of Pueblo Nuevo, where a case of yellow fever originated during the latter part of October.

*Report from Santiago—Inspection of vessels.*

Acting Assistant Surgeon Wilson reports, December 4:

Week ended November 30. Bills of health issued to 3 vessels bound for the United States. No vessel fumigated. No quarantinable disease reported.

GERMANY.

*Report from Berlin—Status of cholera in Russia.*

The following is received from Consul-General Thackara, under date of December 2:

According to the latest official statistics, there were registered in the Russian Empire during the period from October 30 to November 5, not 410 cholera cases, with 192 deaths, as erroneously stated in the last official bulletin, but a total number of 542 cases with 243 deaths, during the period in question, in which are included 196 cases, with 72 deaths, in the Government district of Kief; 69 cases, with 34 deaths, in the Government districts, of Ekaterinoslaw and Cherson; 39 cases, with 20 deaths, in the Government districts of Poltawa, Tschernigow, and Charkow; 45 cases, with 31 deaths, in the lower Volga district; and 47 cases, with 18 deaths in the districts of Samara and Orenburg.

During the period from November 6 to 10, the total number of cases reported in Russia amounted to 279, with 157 deaths, including 95 cases, with 71 deaths, in the Government districts of Tomsk and Tobolsk; 50 cases, with 22 deaths, in Kief; 16 cases, with 9 deaths, in the cities of Baku and Tiflis; 36 cases, with 20 deaths, in the lower Volga district; 18 cases, with 6 deaths, in middle Volga district; 17 cases, with 9 deaths, in the Cherson and Ekaterinoslaw districts; and 23 cases, with 9 deaths, in the Kursk and Woronesch districts; and 24 cases, with 11 deaths, in other parts of the Russian Empire.

In the city of Kief, during the period from November 11 to 18, there were registered 41 cases and 6 deaths, making a total in that place since the present outbreak of 1,290 cases and 345 deaths.

NOTE.—See Public Health Reports, December 13, page 1838.

## GREAT BRITAIN AND IRELAND.

*Measures against tuberculosis.*

The following is received from Consul Moe, at Dublin, under date of November 12:

## CAMPAIGN AGAINST TUBERCULOSIS IN IRELAND.

*Tuberculosis exhibitions.*—During the past four weeks Dublin has been agitated by a determined campaign against the ravages of tuberculosis, and to arouse popular interest in this serious subject an exhibition has been held in this city under the auspices of the Women's National Health Association of Ireland. This exhibition contained a display of sheds, or huts, for sleeping purposes, as used in the several sanatoriums in Ireland, as well as articles adapted to the restriction of the disease, and charts and tables demonstrating by statistics the history of tuberculosis in this and other lands. An extensive course of lectures was given during the continuance of the exhibition, and these were attended by delegates appointed on the consultative committee by a large number of public bodies throughout Ireland. The object of the exhibition was to show the means taken at home and abroad to lessen the ravages of tuberculosis, which in Ireland alone carries off nearly 12,000 persons annually. The exhibition and lectures are not to cease with the Dublin campaign, but will be repeated in many places in Ireland so that the people may come to be instructed in suitable measures for combating the disease.

*Economic aspects.*—It has been urged by several lecturers that the means for stamping out tuberculosis bear a close relation to social progress in general. The primary necessity is to lift the living standard of the poorer classes and improve their habits as to sanitary methods. Little attention has been paid up to the present time, in Ireland, to sanitary schemes; but while the prosperous classes have escaped to a great degree, the poor have suffered terribly.

The cost of the superintendence and conduct of the fight against tuberculosis would be very large, due to the wide spread of the disease. One of the speakers stated that if the cost proved to be heavy it would be extended over a period of several years, and the results achieved in the beneficial returns to the people of Ireland would more than compensate for the expenditure. He considered also the economic problems of the disease in loss of working power to the community and the cost of its prevention and treatment. It has been reckoned that the disease cost Prussia \$21,000,000 annually, and the cost to London is approximately the same; in Ireland it would in all probability amount to at least \$5,000,000 annually, and the indications point to an even greater amount during the first few years. Prevention would include such items as segregation, improved housing, control of the milk and meat supply, and of unhealthy trades, and better school accommodation for children.

*Sanitary aspects.*—A closer supervision over the daily life of the people would seem to be the first essential in the fight against tuberculosis. This is made necessary by the inability or negligence of the people to discriminate in matters concerning their food and their

habitations. In London enormous strides have been made in segregating and in many instances altogether stamping out tuberculosis. This has been accomplished mainly in supervising cottage building, inspecting sanitary arrangements of these artisan cottages, and urging, if not requiring, the occupants to lead cleanly and healthful lives. With the improvements in the sanitary conditions in London there is being brought about an improvement in health, particularly of the younger people.

A much more difficult question arises in the matter of the milk supply. Milk tainted with tubercle bacilli is frequently found, according to the statements of those interested in the subject, and the control of the output of such a product gives considerable concern. Periodical veterinary inspection of cows is suggested as a preventive, and following that an inspection to prohibit the use of milk from cows showing clinical signs of tuberculous disease. The safer and more drastic measure of slaughtering such animals after due compensation to owners is likewise submitted for consideration. The suggestion of branding tuberculous animals hardly seems to overcome the difficulty of restraining the sale and use of tainted milk.

The further questions of tuberculous meat and the regulation of slaughtering are being given consideration by those interested in preventing every opportunity for the spread of the disease. It is argued that inspection by public officials is not possible, unless slaughtering takes place in public abattoirs; especially does such a scheme find obstruction in the rural districts, where there is much haphazard slaughtering in uninspected houses. As little or no meat is exported from Ireland, the danger of infection from this source, if there be any, is one that concerns the people of Ireland directly.

Dealing with the public bodies that had adopted health and sanitary regulations, Dr. A. K. Chalmers, in a recent lecture before those interested in the repression of the disease in Dublin, stated that in England the percentage of those public bodies that had made regulation on sanitary and health matters was 65, and in Scotland 62. In Ireland the percentage was only 30. Sir John W. Moore, professor of medicine in the Royal College of Physicians in Ireland and physician to the Meath Hospital in Dublin, stated at this same lecture that in the wards of the hospitals in Dublin flies were often observed in the milk cups of patients, and also in the spittoons of tuberculous subjects.

Sir Charles Cameron, chief medical officer of health and public analyst for the city of Dublin, stated that some years ago he suggested to the corporation, through the medium of the public health committee, the desirability of having a veterinary surgeon devote his whole time to inspecting the dairy cows of Dublin. That was acceded to, and Dublin was the first city in this country to have for such a purpose the exclusive services of a veterinarian. Belfast has since appointed a veterinarian. These are the only towns that have adopted the practice. With regard to inspection of the sources of milk supply coming to the cities, he said that the inspection carried on in Belfast and Dublin was practically unknown in the rural districts. He thought the number of veterinary surgeons connected with the department of agriculture might be increased, so that the whole of the dairy cattle in Ireland might undergo an inspection, which was absolutely necessary to insure the purity of the milk supply.

*Climatic effect.*—There seems to be an agreement among medical men in Ireland that climate has no effect on the tuberculosis patient. Dr. J. C. Smyth maintains that the climate of Ireland is not prejudicial to cases of consumption, and that it is not the climate but rather the people who are to blame for the prevalence of consumption. Fresh air is the best possible treatment for the disease. In the English and Scotch sanatoria doctors are not afraid of the damp climates; and the Irish climate and Irish air can, in the matter of purity, compare favorably with that of many other countries. He does not attach so much importance to the value of sunlight for its effects on the human body as for its value in the cheering influence it exerts on the patient. To show how little rainfall has to do with consumption, he mentioned that last year Connemara, with the highest rate of rainfall in the country, had the lowest rate of consumption; on the other hand, Dublin, with the highest rate from this disease, had the lowest rate of rainfall. At Nordrach, in the Black Forest, where such excellent results have been obtained by the open-air treatment of consumptives, he states the climate is no better and is in many respects worse than that of Ireland. The Irish climate, he avers, possesses advantages over that of other countries, notably with regard to equality, and the combination of ocean and mountain air is to be found on nearly all the Irish seaboard.

It is also urged that, as the climate is damp, the nature of buildings and materials used in construction should be carefully determined. Doctor Roche, for instance, resists the idea of concrete habitations because concrete retains dampness and so contributes to disease and particularly to tuberculosis. He further holds that windows in the cottages are entirely too small and that there is a tendency to keep them tightly closed. During the day this can affect the air inside very little, as the cottage door is usually open, but during the night the Irish cottage is generally sealed up and all fresh air kept out.

*The duty of public bodies.*—The Countess of Aberdeen, in a letter to the joint committee of the Meath Hospital and County Dublin Infirmary, makes a suggestion on behalf of the Women's National Health Association. "Our attention," she writes, "has been drawn to the great desirability of establishing tuberculosis dispensaries in Ireland on the lines which have been worked with such good effect abroad, especially in France, Belgium, and also at the Victoria Dispensary at Edinburgh. Up to the present time it has proved impossible to obtain the funds either from state sources or from private benevolence to start and maintain such an institution in an adequate manner in Dublin. Our request to your hospital board and to the boards of the other nine clinical hospitals in Dublin, is that they should consider the feasibility of devoting a morning once a week or once a fortnight to the exclusive treatment of consumptive patients, thus providing in cooperation with each other a daily dispensary for the treatment of tuberculosis in Dublin. By the institution of such a weekly or fortnightly dispensary, (I) the hospital treatment of the patients would be provided for by (a) medical examination, (b) dispensing of medicines and disinfectants, (c) selection of cases suitable for any form of hospital treatment; (II) a register of the cases treated at each hospital dispensary could be kept, with the names and addresses, and an arrangement could be made whereby district nurses

or properly informed health visitors could be intrusted with the duty of following up the patients in their homes; (III) the general treatment of the disease, as far as its existence in Dublin can be ascertained before any system of regular notification has been established, can then be taken in hand by (a) inquiring by nurse or health visitors into the economic conditions of the family, and suitability of accommodation for home treatment, (b) arrangements for providing home nursing for patients who can be treated at home safely, (c) arrangements for periodic washing and disinfection of clothes when necessary, (d) the distribution of printed information among patients and their friends, (e) the provision of grants of food—milk, eggs, etc.—where necessary, (f) the general supervision of the cases attending the dispensary, and guidance in all matters relating to tuberculosis and its control, by the carrying out of a rule that all patients visited by the specially appointed nurse or health visitor should attend the dispensary periodically.”

The Countess of Aberdeen believes that if a number of the Dublin hospitals gave this idea a trial, the result would be that in every district in the city there would be a dispensary daily within the reach of consumptive patients.

*Irish tuberculosis statistics.*—The registrar-general, in whose office the vital statistics for Ireland are collected and published, has given a lecture recently on the subject of tuberculosis regarded from the historical and statistical side. He states that the registration of deaths did not come into operation until 1864, but that statistics of deaths from pulmonary tuberculosis are available as far back as 1831. In the report of the census commissioners for 1841, it appears that the number of deaths from tuberculosis from June, 1831, to June, 1841, was 135,590. The commissioners report that this disease was “by far the most fatal affection to which the inhabitants of this country are subject.” The number of deaths between June, 1841, and March, 1851, was 153,098 from consumption. During the next ten years, the number of deaths from tuberculosis amounted to 130,739. In the period between April, 1861, and January, 1864, when the registration of deaths commenced, according to the report of the census commissioners of 1871, 26,267 deaths occurred from this disease. These figures make the large sum of 445,694 deaths from pulmonary tuberculosis from June, 1831, to January, 1864. This total probably falls much below the actual figure. From the annual report of the registrar-general for 1906, it appears that while in 1864 Ireland stood lowest of the three countries—England, Scotland, and Ireland—with a rate of 2.4 per 1,000 living (the rate for England being 3.3, and that for Scotland 3.6), in 1905 Ireland occupied the highest place of the three, with 2.7; Scotland next, with 2.1, followed by England with a rate of 1.6. Ireland stands fourth in the list of countries with respect to deaths from consumption, on ratio basis of population, being exceeded only by Hungary, Austria, and Servia. Out of a total of 74,427 deaths registered in Ireland in 1906, no less than 11,756, or 15.8 per cent were due to consumption.

The age period from 15 to 20 claimed 1,355 victims, or 2.91; the age period from 20 to 25, 1,660 or 3.8; the age period from 25 to 35, 2,821 or 4.37, and that from 35 to under 45, 1,717 persons or 3.61 per 1,000 living at those ages. A comparison of the ages of the persons who died from tuberculosis in England and Scotland with those who

were carried off by that disease in Ireland reveals the further fact that the mortality rate from tuberculosis to the number per 1,000 living in Ireland at the ages of 10-15, 15-20, 20-25, 25-35, and 35-45 is enormously higher than it is in England or Scotland. The explanation of this, the registrar thinks, may be looked for under two causes: First, the emigration from the country for so many years, which has removed the able and healthy, and thus left among the residue an increased percentage of the enfeebled and persons less able to withstand the attacks of disease; second, the deaths of emigrants who have contracted the disease in other countries and have returned to die here.

#### CAMPAIGN AGAINST TUBERCULOSIS AT GLASGOW, SCOTLAND.

The following is received from Vice-Consul Middleton, at Glasgow, under date of November 27:

In Glasgow over forty years ago, when the population of the city was about 400,000, there were many years in which there were over 1,000 deaths from typhus fever alone. Medical science and sanitary reformers applied themselves to that problem with such success that now there are no more than 2 or 3 deaths from typhus in a year. When the population of the city was less than half of what it is now, there were 1,600 deaths in a year from phthisis, or 4 per 1,000 of the population. For the last year or two the deaths reported amounted only to 1,300, or 1.52 per 1,000. Most of these deaths are regarded as preventable.

The death rate from tuberculosis is higher in small houses. The percentage of deaths is exactly double in houses with one apartment compared with houses with three apartments, and the percentage nearly four times as high in one-apartment houses as in houses of four apartments and over. Past efforts of the medical and sanitary reformer have been directed to the environments of the people and the worst of the Glasgow slums have been demolished; but sanitarians now say it is necessary to go further than dealing with the environments of the people; it is necessary to reach the individuals themselves. As regards prevention, each individual should have a sufficient amount of light and air, and each should sleep with windows half way down; should eat good, simple food, and observe cleanliness of person and dwelling. The Glasgow branch of the National Association for the Prevention of Consumption opened a dispensary in the sanitary department of the Glasgow corporation, and the experience there has been that many of the cases reported are those of patients too far advanced to be helped by the sanatorium treatment. It is very natural that a householder, knowing that the comfort and well-being of his family depend on his wages, should avoid giving up work. Where the head of a household is a member of one or more benevolent societies he would be less unwilling. On this subject, Great Britain compares very unfavorably with Germany, where there are insurance societies aided by the State which afford relief to the sufferer when in the earlier stages of his disease. Five years ago the health committee of the Glasgow corporation inaugurated a system of notification of consumption in connection with the various dispensaries in the city. The experience gained in these five years shows that notification, to be effective, must be compulsory.

## HAWAII.

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

Passed Assistant Surgeon Currie reports that during the week ended November 23, 161 rats were examined bacteriologically at the plague laboratory of the service at Honolulu. Plague infection was proved in three rats found in Hilo.

## ITALY.

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

Passed Assistant Surgeon McLaughlin reports, November 25:

*Vessels inspected at Naples and Palermo, week ended November 23.*

## NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of large baggage inspected and passed.	Pieces of baggage disinfected.
Nov. 18	Campania .....	New York .....	562	90	850
20	Slavonia .....	do .....			
21	Europa .....	do .....	824	150	950
21	Re d'Italia .....	do .....	836	120	780
22	Friedrich der Grosse .....	do .....	452	60	750
22	San Giovanni .....	do .....	108	15	130
23	Montevideo .....	do .....	127	25	750
23	Cretic .....	do .....	513	100	750
	Total .....	.....	3,422	560	4,960

## PALERMO.

Nov. 23	San Giovanni .....	New York .....	91	335	115
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*Rejections recommended.*

## NAPLES.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Suspected favus.	Other causes.	Total.
Nov. 18	Campania .....	34	5	20		6	65
20	Slavonia .....						
21	Europa .....	27		18	1	4	50
21	Re d'Italia .....	22		3		6	31
22	Friedrich der Grosse .....	4	3	4		1	12
22	San Giovanni .....	5		4			9
23	Montevideo .....	4	1			1	6
23	Cretic .....	15	4	7	1	8	35
	Total .....	111	13	56	2	26	206

## PALERMO.

Nov. 23	San Giovanni .....	12		9		1	22
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## JAPAN.

*Report from Yokohama—Inspection and fumigation of vessels—Cholera in suburbs of Yokohama and at Tokyo—Prevalence of plague at Osaka.*

Passed Assistant Surgeon Cumming reports, November 18:

Bills of health were issued during the week ended November 16 to 10 steamships and 1 schooner having an aggregate personnel of 1,141 members of crews and 977 passengers. Of these three vessels the steamships *Candia* and *Kumano Maru*, bound for Manila, and the *Atholl*, bound for New York, were fumigated in whole or in part.

There has been no quarantinable disease reported in this city, but occasional cases of cholera are still occurring in the suburbs and in Tokyo and neighboring districts.

Plague is reported so prevalent in Osaka that the high industrial school in Naganoshima ward and 18 primary schools have been closed.

*Emigrants recommended for rejection.*—Number of emigrants per steamship *America Maru* recommended, November 20, for rejection: For Honolulu, 10; for San Francisco, 2. Advised to wait, San Francisco, 2; Honolulu, 23. Of these rejections and detentions all were for trachoma.

*Report from Kobe—Inspection of vessels—Inspection of emigrants—Status of cholera—Smallpox—Plague at Osaka.*

Acting Assistant Surgeon Ransom reports, November 15:

Week ended November 9. Five supplemental bills of health were granted to 5 steamers with an aggregate personnel of 1,352. There were inspected 5 vessels, 665 members of crews, and 578 steerage passengers. Manifests were viséed for 82,959 pieces of freight.

There were disinfected 927 pieces of personal effects and 1 piece of freight. Three hundred and nineteen steerage passengers were bathed and held five days under observation prior to embarkation. Their effects were disinfected.

Emigrants were examined as follows: Steamship *Korea*, for San Francisco, examined 5, recommended for rejection, 1; steamship *Korea*, for Honolulu, examined 365, recommended for rejection, 239; and steamship *Tosa Maru*, for Seattle, examined 44, recommended for rejection, 28.

The emigrants passed, together with 90 intending passengers to Victoria, by the steamship *Tosa Maru*, and 84 passengers to Victoria by the steamship *Kumeric*, were held 5 days under observation prior to embarkation and their effects were disinfected.

The following communicable disease were reported in Kobe during the week: Enteric fever, 6 cases and 1 death; cholera, 17 cases and 5 deaths; and smallpox, 10 cases and no deaths. The total mortality was 178.

Reports from Osaka for the week ended November 2 show 33 cases and 31 deaths from plague, and for week ended November 9, 40 cases and 31 deaths from the same disease.

As the cholera situation here in Kobe is but slowly improving, the restrictions imposed will be continued.

*Reports from Nagasaki—Quarantine against vessels from Shanghai removed—Summary of cholera at Moji and Shimonoseki.*

Consul Scidmore reports, October 23:

The quarantine imposed upon vessels arriving at Nagasaki from Shanghai was removed yesterday. Cholera statistics for Moji show 2 new cases and no deaths. This indicates totals, since the outbreak of the disease, of 514 cases and 321 deaths at Moji and 85 cases and 56 deaths at Shimonoseki. No new cases or deaths at either of these two places are reported since October 20. Nagasaki continues free from the disease.

*Emigrants recommended for rejection.*—Sanitary Inspector Bowie reports:

November 6. Number of emigrants per steamship *Korea* recommended for rejection, 23.

November 13. Per steamship *America Maru* recommended for rejection, 29.

MEXICO.

*Report from Salina Cruz—Inspection and fumigation of vessels.*

Acting Assistant Surgeon McPherson reports, December 1:

During the period from November 16 to 30 two steamships cleared from this port for the United States, the steamship *Missouri*, which left this port November 20 for San Diego, Cal., and the steamship *Texan*, which left November 21 for San Francisco, Cal. Both vessels were fumigated while in the roadstead outside the harbor.

PERU.

*Report from Callao—Inspection and fumigation of vessels—Status of plague in Peru.*

Assistant Surgeon Wightman reports, November 18:

Week ended November 16. Vessels were dispatched as follows:

November 15 the Chilean steamship *Palena* for Ancon, Canal Zone, with a general cargo and a total personnel of 167, of whom 5 members of crew, 56 cabin and 14 steerage passengers were from this port, and the Norwegian steamship *Christian Bors* for San Francisco, Cal., with a general cargo and a crew of 32, of whom 2 were from this port.

November 16, the German ship *Schwarzenbek* for Port Townsend, Wash., in ballast, with a crew of 25, of whom 2 were from this port. All the vessels were fumigated before leaving.

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

Locality.	Cases Nov. 6.	New.	Re- covered.	Died.	Remain- ing Nov. 13.
Lima .....	4	3	0	1	6
Callao .....	6	0	2	0	4
Trujillo .....	1	8	0	5	4
Piura .....	3	0	0	0	3
Paiza .....	2	5	0	1	6
San Pedro .....	5	2	1	2	4

## PHILIPPINE ISLANDS.

*Report from Manila—Cholera in Manila and vicinity—Quarantine treatment of noninfected vessels from Amoy—Inspection of vessels.*

Chief Quarantine Officer Heiser reports, October 30:

Week ended October 26. Quarantinable disease reported for the city of Manila as follows: Cholera, 21 cases, 15 deaths.

*Cholera.*—About the same number of cholera cases occurred in the city of Manila during the week covered by this report as were reported for the past week, but the majority of these cases occurred in the beginning of the week. The last two days of the week showed respectively one case and no cases. Cholera is still confined to Manila and the immediate vicinity.

Owing to the improved conditions reported by the American consul at Amoy with regard to plague, the American consul at Amoy was advised, October 26, that thereafter all vessels coming from Amoy and having no quarantinable disease on board at the time of their arrival need only undergo disinfection at Manila, Iloilo, or Cebu before being granted pratique to enter the Philippine Islands.

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

October 24, the U. S. army transport *Thomas*, with 190 crew and 892 passengers, was granted a bill of health for San Francisco via Nagasaki and Honolulu. The crew and steerage passengers were bathed and their effects disinfected. The vessel was thoroughly fumigated throughout. All persons on board were inspected at the hour of sailing. The cargo and baggage were either disinfected or passed after inspection.

## RUSSIA.

*Report from St. Petersburg—Status of cholera in Russia.*

The following information was received from the Department of State, under date of December 7:

A dispatch, dated November 21, from the American chargé d'affaires ad interim at St. Petersburg reports that according to information received from the foreign office 360 cases of cholera have been reported in Russia between November 6 and 12.

## WEST INDIES.

*Report from Barbados—New case of yellow fever.*

Consul Clare reports:

A new case of yellow fever, a sailor who arrived here from Georgetown, British Guiana, November 15, and lodged on shore. Case strictly isolated on Pelican Island.

*Report from Trinidad—No yellow fever present.*

The following information was received from the Department of State December 18:

Consul at Trinidad reports that there has been no yellow fever in or near Trinidad since November 9.

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

**AFRICA—Zanzibar.**—Ten days ended October 31, 1907. Estimated population, 75,000. Total number of deaths, 40, including 4 from tuberculosis.

**COLOMBIA—Cartagena.**—Two weeks ended November 17, 1907. Estimated population, 30,000. Total number of deaths, 23, including whooping cough 1, and 1 from tuberculosis.

**CUBA—Matanzas.**—Month of November, 1907. Estimated population, 49,990. Total number of deaths, 72, including yellow fever 4, diphtheria 1, whooping cough 1, and 11 from tuberculosis.

**FRANCE—Calais.**—Month of November, 1907. Estimated population, 66,627. Total number of deaths, 84, including 19 from tuberculosis.

**St. Etienne.**—Two weeks ended November 15, 1907. Estimated population, 150,000. Total number of deaths, 124, including diphtheria 1, enteric fever 1, scarlet fever 1, and 25 from tuberculosis.

**GREAT BRITAIN—England and Wales.**—The deaths registered in 76 great towns in England and Wales during the week ended November, 23, 1907, correspond to an annual rate of 15.3 per 1,000 population, which is estimated at 16,624,458.

**London.**—One thousand three hundred and seventy-three deaths were registered during the week, including measles 32, scarlet fever 18, diphtheria 23, enteric fever 1, whooping cough 16, tuberculosis 171, and 25 from diarrhea. The deaths from all causes correspond to an annual rate of 15 per 1,000. In Greater London 1,842 deaths were registered. In the "outer ring" the deaths included 2 from diphtheria, 4 from measles, 3 from scarlet fever, and 4 from whooping cough.

**Salford.**—Two weeks ended November 23, 1907. Estimated population, 236,670. Total number of deaths, 141, including diphtheria 4, measles 5, scarlet fever 1, whooping cough 3, and phthisis pulmonalis 15.

**Ireland.**—The average annual death rate represented by the deaths registered during the week ended November 23, 1907, in the 21 principal town districts of Ireland was 19.4 per 1,000 of the population, which is estimated at 1,117,547. The lowest rate was recorded in Lurgan, viz, 4.4, and the highest in Newtownards, viz, 34.3 per 1,000.

**Scotland.**—The deaths registered in 8 principal towns during the week ended November 23, 1907, correspond to an annual rate of 16.7 per 1,000 of the population, which is estimated at 1,812,171. The highest rate of mortality was recorded in Greenock, viz, 29.3, and the lowest in Paisley, viz, 10.0 per 1,000. The aggregate number of deaths registered from all causes was 579, including diphtheria 7, enteric fever 1, measles 33, scarlet fever 2, and 12 from whooping cough.

**ST. HELENA.**—Four weeks ended November 9, 1907. Estimated population, 3,500. Total number of deaths, 5, including 1 from enteric fever.

**SPAIN—Malaga.**—Month of September, 1907. Estimated population, 130,000. Total number of deaths, 367, including enteric fever 3, smallpox 8, and 23 from tuberculosis.

**SWITZERLAND.**—Week ended October 26, 1907. Reports from 18 cities, having an aggregate population of 868,928, show as follows: Total number of deaths, 211, including whooping cough 2, enteric fever 2, diphtheria 2, and 30 from tuberculosis.

**TASMANIA.**—Month of September, 1907. Estimated population, 180,634. Total number of deaths, 187, including enteric fever 1, and 7 from whooping cough.

*Cholera, yellow fever, plague, and smallpox from June 28 to December 20, 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 December 28, 1906, to June 28, 1907, see PUBLIC HEALTH REPORTS for June 28, 1907.]

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

**CHOLERA.**

Place.	Date.	Cases.	Deaths.	Remarks.
Algeria—Algiers .....	Aug. 1-31 .....	.....	2	Quarantined without the city limits.
Ceylon—Point de Galle .....	June 16-22 .....	.....	2	
China:				
Amoy .....	June 30-July 6 .....	.....	.....	Kulangsu, 8 deaths daily, estimated. Aug. 3, still present.
Hankow .....	Aug. 24-Sept. 14 .....	7	4	
Hongkong .....	Sept. 8-Oct. 26 .....	71	23	
Shanghai .....	Aug. 4-Sept. 29 .....	23	467	
Shanhaikwan .....	Sept. 2 .....	.....	.....	Present on R. R. to Tongshan. 3 cases and 2 deaths from steamship from Shanghai.
Tientsin .....	Aug. 15-Oct. 5 .....	.....	11	Burma Province, 1906, 7,872 deaths.
India .....				
Bombay .....	May 29-Oct. 30 .....	.....	392	
Calcutta .....	May 12-Oct. 26 .....	.....	941	
Cochin .....	May 4-Oct. 4 .....	.....	93	
Kashmir .....	May 11-July 9 .....	10,555	6,563	From Nov. 1 to June 29, 16,675 cases and 9,705 deaths.
Madras .....	July 6-Nov. 8 .....	.....	598	
Moulmine .....	May 5-July 27 .....	42	1	
Negapatam .....	Oct. 5-11 .....	.....	7	
Rangoon .....	May 12-Nov. 2 .....	.....	45	
Japan, general .....	Sept. 1-Oct. 5 .....	2,944	736	
Chiba pref. .....	Oct. 19-21 .....	28	6	
Ehime Ken. ....	Sept. 1-13 .....	2	.....	
Formosa .....	Sept. 8-Oct. 5 .....	2	1	
Fukawa .....	To Oct. 5 .....	961	.....	
Fukuoka Ken .....	Aug. 19-Sept. 13 .....	687	.....	
Moji .....	Aug. 19-Oct. 9 .....	514	400	Including 83 cases in vicinity. Present.
Haneda .....	Oct. 19 .....	.....	.....	
Hiroshima Ken .....	Sept. 1-Oct. 8 .....	30	.....	
Hyogo Ken .....	Aug. 24-Sept. 13 .....	102	.....	
Kobe .....	Aug. 24-Dec. 16 .....	472	123	
Kagashima .....	Sept. 1-Oct. 5 .....	15	.....	
Kagawa Ken .....	Sept. 1-Oct. 12 .....	28	.....	
Nagasaki Ken .....	Aug. 30-Oct. 12 .....	61	2	Imported from Moji. 14 cases daily.
Nagatsu .....	Aug. 31 .....	.....	.....	
Nara .....	Sept. 1 .....	1	.....	
Ohita Ken .....	Sept. 1-Oct. 12 .....	120	.....	
Okayama .....	Sept. 1-Oct. 12 .....	10	.....	
Okugori .....	Sept. 1-9 .....	27	.....	
Osaka .....	Aug. 24-Oct. 12 .....	248	179	
Saga Ken .....	Sept. 1-Oct. 12 .....	74	.....	
Saseho .....	Sept. 1 .....	.....	.....	Present.
Tokyo .....	Sept. 1-Oct. 5 .....	12	.....	Nov. 16, still present in vicinity.
Wakayama Ken .....	Sept. 1-13 .....	1	.....	

a Cases among foreigners, deaths among natives.

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

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Japan, general—Continued.				
Yamaguchi Ken .....	Sept. 1-Oct. 5 .....	276		
Shimonoseki .....	Aug. 4-Oct. 9 .....	85	56	Case Aug. 10 from ss. Hakauai Maru. Present also in vicinity.
Yokohama .....	July 28-Nov. 18 .....	71	46	5 cases, 3 deaths July 28-Aug. 3 from ss. Yamashiro Maru; 1 case Sept. 1 from vessel Takasago Maru.
Yokosuka .....	Oct. 19 .....			Present.
Korea .....	Sept. 11 .....			Present in northern part.
Nakanoshima Island .....	Sept. 11 .....	11	2	
Seoul .....	Sept. 26 .....			Present.
Manchuria:				
Antung .....	Oct. 21 .....			Do.
Dalny .....	Sept. 15-Nov. 16 .....	26	14	
Port Arthur .....	Sept. 15-24 .....	4	4	Japanese.
Philippine Islands:				
Manila .....	July 14-Oct. 26 .....	148	131	
Provinces .....				Report of the bureau of health, Philippine Islands, first quarter of the calendar year 1907, gives a grand total of 235 cases and 148 deaths.
Bulachan .....	Oct. 6-12 .....	1		
Leyte, Carigara .....	Aug. 31 .....			2 cases daily.
Masbate, Mandaon .....	To Sept. 21 .....			Present.
Russia:				
General .....	July 16-Nov. 11 .....	10,688	5,076	
Amolinsk Territory .....	Aug. 21-Oct. 25 .....	772	242	
Archiereiski-Passelok .....	Aug. 19-Oct. 25 .....	7	2	Report incomplete.
Astrachan, govt. district .....	July 14-Oct. 25 .....	2,262	1,114	Sept. 1 to 9 present at Balochna, Busuluk, and Novouzensk.
Astrachan .....	Sept. 5-Oct. 25 .....	493	296	
Jenotajewsk district .....	Aug. 22-25 .....	1		
Zarew district .....	Aug. 22-25 .....	3	12	
Ataman-Stanitz .....	Aug. 19 .....			Present.
Baku .....	Aug. 25-Oct. 25 .....	48	25	
Don district .....	Sept. 7 .....			Do.
Ekaterinslav .....	Sept. 16-Oct. 29 .....	144	59	
Elizabethpol district .....	Sept. 18-24 .....			Do.
Irkoutsk .....	Oct. 19-25 .....	12	4	
Jaroslaw .....	July 14-Oct. 29 .....	19	5	
Jurino .....	Aug. 26 .....	2		
Kamyschin .....	Sept. 1-9 .....	20	24	
Kazan, govt. .....	Sept. 3-Oct. 29 .....	60	21	
Kherson .....	Oct. 19-25 .....	1	1	
Kief .....	Sept. 22-Nov. 18 .....	1,290	345	
Kostroma, govt. .....	Aug. 21-Oct. 29 .....	83	42	
Kursk .....	Sept. 9 .....	1	1	
Lodz .....	Sept. 8 .....	1		
Melekes .....	Aug. 25 .....	6	2	
Minsk .....	Nov. 11 .....	1		
Moscow .....	Aug. 31-Sept. 8 .....	1	1	Imported from Saratov.
Nikolajweski .....	Aug. 25 .....	12	8	
Nizhni-Novgorod, govt. .....	Aug. 26-Oct. 29 .....	259	129	
Omasek .....	Sept. 16-24 .....			Present.
Perm .....	Aug. 21-Oct. 25 .....	48	28	
Perm .....	Aug. 24-Oct. 25 .....	35	14	
Riäsan .....	Sept. 1-Oct. 1 .....	1		
Rostow .....	Sept. 19-Oct. 25 .....	52	30	And vicinity, 136 cases and 71 deaths, Oct. 2-25. Oct. 18-19, no report.
St. Petersburg .....	Aug. 18-Sept. 7 .....	28	18	
Samara, govt. district .....	July 16-Oct. 25 .....	411	252	
Samara .....	July 14-Oct. 29 .....	314	146	
Saratov, govt. .....	July 16-Oct. 25 .....	574	283	
Zarazyn .....	Sept. 1-Oct. 25 .....	255	120	
Sémipalatinsk .....	Oct. 19-25 .....	4	1,710	
Siberia, govt. district .....	Oct. 2-Nov. 11 .....	519	316	
Simbirsk, govt. .....	July 7-Oct. 29 .....	123	46	
Stavropol .....	July 28-Aug. 5 .....	3		To Sept. 1. Still present.
Syr-Darja, govt. .....	Sept. 16-Oct. 25 .....	2	2	
Tachkent .....	Oct. 19-25 .....			
Tobolsk .....	Sept. 1-Oct. 25 .....	23	15	
Tomsk, govt. .....	Oct. 19-25 .....	138	87	
Ufa .....	Oct. 21-29 .....	5	5	
Vladimir, govt. .....	Aug. 21-Sept. 3 .....	1	1	
Yeniseisk .....	Oct. 19-25 .....	7	3	
Wiatka, govt. .....	Sept. 1-Oct. 25 .....	22	6	
Russia in Asia:				
Astara .....	Nov. 9 .....	3		
Tiflis .....	Nov. 10 .....	1	1	Nov. 18. Still present.

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

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Siam:</b>				
Bangkok .....	Aug. 1-31 .....	17	12	
<b>Straits Settlements:</b>				
Penang .....	Sept. 15-Oct. 5 .....	2	1	
Singapore .....	June 9-Oct. 12 .....		168	
<b>Turkey in Europe:</b>				
Constantinople .....	Nov. 19-24 .....	3	2	
<b>Turkey in Asia:</b>				
Hassan Kala .....	Nov. 4-10 .....	5	5	Erzroom dist.
Khorassan .....	Nov. 9 .....		1	

## YELLOW FEVER.

<b>Brazil:</b>				
Manaos .....	May 25-Nov. 23 .....		39	
Para .....	June 9-Nov. 30 .....	117	87	
Rio de Janeiro .....	May 13-Sept. 22 .....	19	13	
<b>Colombia:</b>				
Barranquilla .....	May 21-27 .....		1	
<b>Costa Rica:</b>				
San José .....	Sept. 24 .....	1		From vicinity of San Mateo.
San Mateo .....	To Aug. 31 .....	1	1	
<b>Cuba:</b>				
Camaguey Province—				
Ciego de Avila .....	Nov. 13-18 .....	4	2	
Habana Province—				
Bainoa .....	Nov. 9-Dec. 3 .....	3	1	
Campo Florido .....	Aug. 28-Oct. 11 .....	3	2	
Guines .....	Oct. 31-Nov. 16 .....	2	2	
Habana .....	June 25-Dec. 2 .....	13	3	Cases June 25 and Nov. 9 from Union de Reyes; 6 cases from Aug. 30 to Oct. 27 in Habana; cases Sept. 10 and 14 from Palos; cases Oct. 1 and 16 from Cienfuegos; case Nov. 20 from San Nicolas.
Jaruco .....	Oct. 25-27 .....	2	2	
Palos .....	Oct. 1-Nov. 6 .....	7	3	
San Nicolas .....	July 22-Aug. 14 .....	3	1	
Matanzas Province—				
Alacranes .....	Aug. 17-Nov. 24 .....	7	4	Case Oct. 28 from Bermeja.
Bermeja .....	Sept. 10 .....	1	1	
Jovellanos .....	Sept. 24-27 .....	2	1	
Matanzas .....	Aug. 4-Nov. 2 .....	4	3	From Mocha.
Trinidad, plantation .....	Oct. 16 .....	2		Adjoining Union de Reyes.
Union de Reyes .....	Dec. 26-29 .....	2		Case Nov. 29 sent to Habana. Died Dec. 2.
<b>Santa Clara Province</b> .....	Oct. 7 .....			Present at Central Soledad, Camarones, Cannao, Costillo de Jagua, Guanos.
Manacas .....	Oct. 1-7 .....	1		
Santa Clara .....	Sept. 18-Dec. 5 .....	6	2	Nov. 19, 2 American soldiers.
Cienfuegos .....	Aug. 3-Dec. 12 .....	81	22	10 cases among troops.
Remedios .....	Dec. 4 .....	1		
Rodas .....	Sept. 30 .....		1	
<b>Santiago Province—</b>				
Gibara .....	Sept. 12 .....	1		From ss. Galveston from Guanto, Venezuela.
Santiago .....	July 5-Oct. 16 .....	2		From ss. Puerto Rico. Origin, Union de Reyes.
<b>Ecuador:</b>				
Guayaquil .....	May 26-Nov. 16 .....		14	
<b>Guatemala:</b>				
Puerto Barrios .....	June 27 .....	1		
<b>Mexico:</b>				
Manzanillo .....	Aug. 17 .....	1		On ss. San Juan.
Veracruz .....	Sept. 5 .....	1		
<b>Nicaragua:</b>				
Managua .....	Nov. 3-9 .....			Present.
<b>Panama:</b>				
Ancon .....	July 4 .....	1		From ss. Sidney.
<b>Venezuela:</b>				
Caracas .....	Oct. 23-Nov. 23 .....	275	5	Estimated.
La Guaira .....	Nov. 10-16 .....	16	2	
Maracaibo .....	Nov. 2 .....			Present.
<b>West Indies:</b>				
Barbados .....	Nov. 19-Dec. 1 .....	8	4	6 cases from British cruiser Indefatigable.
Bridgetown .....	Aug. 4-8 <sup>a</sup> .....	1	1	Imported on ss. Atrato from Trinidad.
Trinidad—Port of Spain .....	June 1-Nov. 9 .....	18	7	

<sup>a</sup> Date corrected from previous issues. Case died August 8.

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

## PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Africa:</b>				
British South Africa— King Williams Town..	May 24-Aug. 1....	7	1	Case July 30 to Aug. 1 from Dubus Location.
Izeli Location .....	June 23-Aug. 2 ...	6	6	
Izinyoka .....	Aug. 5 .....	1	1	
Thomas River.....	Aug. 11-14.....	1	1	
Wartburg.....	Aug. 10-21.....	2	2	
<b>Algeria:</b>				
Bona .....	Nov. 9-12.....	2	.....	
Oran .....	Sept. 30-Oct. 14...	18	4	Bacteriologically verified to Oct. 7. 5 cases; 4 deaths. Nov. 1, still present.
Philippeville.....	Oct. 9-19.....	3	2	Nov. 2, still present.
<b>Tunis—Tunis:</b>				
Arabis:	Oct. 20-Nov. 9....	7	2	
Djeddah.....	May 23-30.....	9	4	May 23, 8 cases on ss. <i>Moshtari</i> occurred on voyage from Bahrein Islands and Bas- sorah.
<b>Argentina:</b>				
Cordova .....	June 4.....	.....	.....	Present.
<b>Australia:</b>				
Brisbane .....	May 20-Sept. 21...	8	6	Case Sept. 12-21 on ss. <i>Mareeba</i> .
Cairns .....	Sept. 4-Oct. 12....	10	5	
Melbourne .....	May 17-21.....	1	1	From ss. <i>Arawatta</i> .
Sydney .....	May 11-June 1....	2	2	
<b>Brazil:</b>				
Bahia .....	June 2-Oct. 26....	60	48	
Rio de Janeiro.....	May 13-Nov. 3....	73	21	Oct. 30, 7 cases, 2 deaths, on ss. <i>Orleanais</i> from Marseille, via ports.
Pernambuco .....	June 1-Sept. 30...	.....	11	
Sao Paulo .....	Aug. 25.....	.....	1	
<b>Chile:</b>				
Antofagasta .....	May 11-July 18 ...	72	25	Jan. 1 to June 30, 216 cases and 90 deaths.
Arica .....	June 8-Aug. 6 ....	19	.....	
Iquique .....	Jan. 1-June 30....	154	63	
Pisagua .....	Jan. 1-June 30....	105	47	
Taltal .....	Jan. 1-June 30....	220	.....	
<b>China:</b>				
Amoy .....	July 14-Aug. 10...	4	4	Amoy, July 26, epidemic. Oct. 26 still present. Kulangsu (native city), 25 deaths daily, estimated from June 23-Aug. 10.
Foochow .....	July 27-Sept. 14...	.....	.....	Present. Aug. 3-24 present in Hinghua and Nantai.
Gai Hai .....	Aug. 3.....	.....	.....	Present.
Hongkong .....	May 5-Oct. 26....	221	207	
Macao .....	May 1-31.....	.....	.....	Do.
Swatow .....	June 1-15.....	.....	.....	Do.
<b>Egypt:</b>				
Alexandria.....	June 4-Oct. 21....	118	68	
Port Said.....	June 21-Oct. 17...	13	10	
<b>Provinces—</b>				
Assiout .....	June 6-28.....	20	16	
Behera .....	June 3-Aug. 20....	43	28	
Beni Souef .....	June 6-July 23....	15	7	
Dakahlieh .....	Sept. 1-18.....	3	2	
Garbieh .....	May 29-June 5....	1	1	
Kena .....	June 7-July 23....	34	35	
Minieh .....	June 6-Oct. 15....	16	6	
<b>France:</b>				
Marseille .....	Sept. 17-18.....	2	.....	In quarantine at Frioul.
<b>French Indo-China:</b>				
Cholon .....	May 10.....	.....	.....	Present.
Phnompenah .....	July 26.....	.....	.....	Do.
Saigon .....	June 28-Aug. 1....	28	28	Present from May 21.
<b>Great Britain:</b>				
Glasgow .....	Oct. 17-23.....	1	.....	
<b>Hawaii:</b>				
Hilo .....	Oct. 5.....	1	.....	At Olaa Plantation.
Honolulu.....	July 22-Sept. 14...	4	2	1 case on ss. <i>Sierra</i> from San Francisco, Sept. 14.
<b>India:</b>				
Bombay Presidency and Sind.	Apr. 28-Oct. 19....	91,065	64,072	
Madras Presidency.....	Apr. 28-Oct. 19....	1,985	1,560	
Bengal .....	Apr. 28-Oct. 19....	11,150	10,271	
United Provinces.....	Apr. 28-Oct. 19....	71,770	64,410	
Punjab .....	Apr. 28-Oct. 19....	341,183	308,222	
Burma .....	Apr. 28-Oct. 19....	2,994	2,775	



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

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>India—Continued.</b>				
Eastern Bengal and Assam.	Apr. 28–July 20...	9	9	
Central provinces, including Berar.	Apr. 28–Oct. 19....	10,012	7,550	
Coorg.....	Oct. 5–19.....	4	1	
Mysore State.....	Apr. 28–Oct. 19....	9,462	6,597	
Hyderabad State.....	Apr. 28–Oct. 19....	2,006	1,451	
Central India.....	Apr. 28–Oct. 19....	2,682	1,363	
Rajputana.....	Apr. 28–Oct. 19....	4,333	2,594	
Kashmir.....	Apr. 28–Oct. 19....	1,376	810	
Northwest frontier province.	Apr. 28–Oct. 19....	1,810	1,519	
Baluchistan.....	Apr. 28–June 29....	4	1	
Bahrein Island, in the Persian Gulf.	Apr. 21–July 6....	1,712	1,709	
Grand total.....		553,557	474,914	
<b>Japan:</b>				
Formosa.....	May 19–Nov. 10....	1,076	946	
Hodagaya.....	July 6–Aug. 3.....		3	Suburb of Yokohama.
Kobe.....	Sept. 1–21.....	7	7	
Nagasaki.....	Nov. 10.....			Present on island in vicinity.
Osaka.....	May 29–Nov. 9....	171	140	Jan. 1 to June 30, 71 cases. Nov. 19. Still present.
Saseho.....	Aug. 3.....			Present.
Tokyo.....	July 6.....	2	1	
Yokohama.....	May 22–Aug. 21....	14	14	2 cases and 2 deaths in vicinity.
Yokosuka.....	July 7–13.....	1		
<b>Korea:</b>				
Nakanoshima, Island.....	Sept. 11.....		1	Imported.
<b>Madagascar:</b>				
Majunga.....	Aug. 26–Sept. 5....			Present.
<b>Manchuria:</b>				
Kaiping.....	Aug. 7–Oct. 19....		212	Oct. 13–19, 13 cases.
Mauritius.....	June 21–Oct. 31....	78	67	
<b>New Zealand:</b>				
Auckland.....	May 12–June 30....	3	3	
<b>Persia:</b>				
Bushire.....	June 9–15.....			Present.
Mohammerah.....	Aug. 1.....			Do.
<b>Peru:</b>				
Callao.....	May 16–Nov. 6....	30	14	
Catacaos.....	Sept. 5–11.....	2	2	
Chiclayo.....	May 16–July 3....	10	6	1 case from Ferrenafe and 5 cases from Pomalca.
Chosica.....	July 25–31.....	1		
Ferrenafe.....	July 18–Nov. 6....	5	4	
Huanchaco.....	Aug. 24–31.....	31		And in vicinity.
Lambayeque.....	May 16–30.....	1		
Lima.....	May 16–Nov. 13....	40	23	
MollenCo.....	May 16–Oct. 23....	14	8	1 case imported from Tambo.
Paíta City.....	May 16–Nov. 13....	27	18	
Piura.....	July 25–Oct. 23....	12	2	
Querecotillo.....	July 25–31.....	1		
San Pedro.....	Aug. 28–Nov. 13....	22	12	
Trujillo.....	May 16–Nov. 13....	111	63	18 cases from Cuesta; June 26, present in Menochuco.
Viru.....	Aug. 17–21.....	9	7	
<b>Philippine Islands:</b>				
Manila.....	July 23–25.....	1	1	From German ss. Ferd. Laiesz.
<b>Russia:</b>				
Arkhiereiskaya district.....	June 20.....	3		Vicinity of Astrakhan.
Odessa.....	July 10–14.....	1	1	On ss. Tsarevitch.
<b>Siam:</b>				
Bangkok.....	June 1–Aug. 31....	3	3	
<b>Straits Settlements:</b>				
Singapore.....	May 12–Oct. 26....		9	
<b>Turkey in Asia:</b>				
Adalia.....	Nov. 9.....			Present.
Bagdad.....	June 10.....			Do.
Bassorah.....	June 8.....			Do.
Beirut.....	Aug. 9.....	1		
Dikeli.....	Oct. 1–13.....	1	1	
Mitylene.....	Sept. 3–Oct. 28....	4		
Smyrna.....	Aug. 6–Oct. 12....		5	Oct. 13, 1 case.
Zanzibar.....	June 10–Oct. 17....	10	9	

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

## SMALLPOX.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Africa:</b>				
Algeria—				
Algiers .....	June 1-Oct. 31.....	.....	25	
British South Africa—				
Cape Town .....	Aug. 11-Oct. 19.....	4	.....	Imported. Do.
East London .....	June 30-Oct. 19.....	4	.....	
Kimberly .....	Aug. 1-31.....	1	.....	
British West Africa—				
Sierra Leone .....	Aug. 1-31.....	2	1	
Portuguese East Africa—				
Lourenço Marquez ....	Apr. 1-Sept. 30.....	25	.....	
Tunis:				
Tunis .....	Nov. 10-16 .....	.....	.....	Present
Argentina:				
Buenos Aires .....	May 1-Aug. 31.....	.....	26	
Rosario .....	May 1-Aug. 31.....	.....	46	
Australia:				
New South Wales—				
Newcastle .....	May 1-June 30.....	2	.....	
Austria:				
Bohemia .....	Sept. 22-Oct. 12.....	11	.....	
Galicia .....	May 26-Aug. 31.....	20	.....	
Kärnten .....	Sept. 8-14.....	1	.....	
Kamenic .....	Oct. 6-12.....	1	.....	
Lower Austria.....	Aug. 18-Sept. 14.....	7	.....	
Mies .....	Oct. 6-12.....	1	.....	
Moravia .....	Aug. 18-Sept. 14.....	5	.....	
Silesia .....	June 18-22.....	1	.....	
Trappan district.....	Aug. 6-13.....	1	.....	
Trieste .....	May 26-Aug. 3.....	4	1	
Upper Austria .....	Aug. 25-31.....	1	.....	
Vienna .....	June 23-Nov. 23.....	146	33	
Brazil:				
Bahia .....	June 1-Oct. 26.....	274	15	
Manaos .....	July 21-Aug. 31.....	.....	5	
Para .....	June 9-Nov. 30.....	326	200	
Pernambuco .....	Apr. 15-Sept. 30.....	.....	919	
Rio de Janeiro .....	May 20-Nov. 2.....	143	52	
Santos .....	June 1-30.....	1	1	
Sao Paulo .....	July 28-Aug. 4.....	.....	1	
Canada:				
British Columbia—				
Vancouver .....	June 1-30.....	1	.....	
Manitoba—				
Winnipeg .....	July 7-27.....	4	.....	
Nova Scotia—				
Halifax .....	June 16-Dec. 7.....	32	.....	Case Dec. 7 from schr. Fame.
Ontario—				
Belleville .....	Nov. 19-Dec. 9.....	21	.....	
Hamilton .....	Oct. 20-Nov. 30.....	2	.....	
Quebec—				
Sherbrooke.....	June 1-30.....	2	.....	
Chile:				
Iquique .....	May 17-Oct. 12.....	.....	.....	Do.
China:				
Chefoo .....	July 14-Aug. 17.....	4	.....	Case July 20 from ss. Penn- sylvania.
Foochow .....	June 26-30.....	1	.....	
Hankau .....	May 27-June 15.....	5	.....	On China, merchant ss.
Hongkong .....	May 5-Oct. 5.....	83	62	
Kulangsu .....	June 1-22.....	.....	.....	Present.
Newchwang.....	May 5-18.....	3	.....	
Shanghai.....	May 12-Nov. 3.....	a 51	487	Case Aug. 6 from U. S. S. Penn- sylvania from Chefoo. May 25, 4 cases on U. S. cruiser Wilmington.
Tientsin .....	May 19-June 8.....	4	2	
Colombia:				
Barranquilla .....	May 1-July 21.....	.....	.....	Present.
Cartagena .....	Aug. 3-Nov. 1.....	.....	.....	Do.
Ecuador .....	Sept. 25.....	1,000	.....	In central part, chiefly at Am- bato, Cajabamba, Chasqui, La Tacunga, and Riobamba.
Guayaquil .....	May 26-Nov. 23.....	.....	35	
Egypt:				
General .....	Apr. 9-Oct. 21.....	849	578	From Jan. 1 to Apr. 8, cases 817, deaths 259.
Cairo .....	May 21-Nov. 18.....	13	10	
France:				
Cannes .....	May 1-Oct. 31.....	39	14	
Lyon .....	June 5-11.....	.....	1	

a Cases foreign, deaths native.

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

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
France—Continued.				
Marseille .....	June 1–Nov. 30 .....	.....	332	
Nice .....	May 1–31 .....	1	1	
Paris .....	June 2–Nov. 23 .....	119	23	
Toulon .....	Aug. 1–31 .....	2	.....	
Germany:				
General .....	June 2–Nov. 9 .....	30	.....	
Barmen .....	Sept. 22–28 .....	1	.....	
Bremen .....	May 5–Nov. 9 .....	3	.....	
Königsberg .....	June 9–July 6 .....	2	.....	
Great Britain:				
London .....	Aug. 4–10 .....	1	.....	
Liverpool .....	June 30–Nov. 16 .....	2	.....	
Manchester .....	June 16–22 .....	1	.....	
Southampton .....	June 2–8 .....	2	.....	
Sunderland .....	July 21–27 .....	1	.....	
Greece:				
Piræus .....	June 16–Aug. 31 .....	5	.....	
Hawaii:				
Honolulu .....	June 28 .....	8	3	On ss. Kumeric.
India:				
Bombay .....	May 12–Oct. 29 .....	.....	18	
Calcutta .....	May 12–Oct. 19 .....	.....	191	
Madras .....	June 1–Oct. 25 .....	.....	19	
Rangoon .....	June 9–Oct. 5 .....	.....	9	
Italy:				
General .....	June 7–Nov. 21 .....	581	.....	
Catania .....	Sept. 28–Nov. 28 .....	.....	5	
Genoa .....	June 1–Sept. 30 .....	8	1	
Florence .....	June 17–30 .....	3	.....	
Naples .....	June 14–Aug. 17 .....	4	2	2 cases, June 13 to 22, from ss. Perugia.
Turin .....	June 17–Aug. 11 .....	5	1	
Venice .....	June 30–July 6 .....	.....	1	
Japan:				
Formosa .....	June 16–22 .....	1	.....	
Kobe .....	Aug. 24–Nov. 16 .....	39	6	
Yokohama .....	June 18–July 12 .....	2	.....	Case July 12 on ss. Mongolia. From Jan. 1–June 30, 102 cases. 12 deaths.
Java:				
Batavia .....	May 12–Nov. 2 .....	158	21	
Korea:				
Seoul .....	May 25–June 30 .....	.....	.....	Present.
Luxemburg .....				
June 22–July 6 .....	1	.....	.....	
Madeira:				
Funchal .....	June 10–Sept. 22 .....	374	63	
Malta:				
Valetta .....	Sept. 1–Nov. 23 .....	23	3	
Manchuria:				
Dalny .....	May 19–July 27 .....	21	2	
Mexico:				
Aguascalientes—				
Aguascalientes .....	June 16–Dec. 7 .....	.....	91	
Federal District—				
Mexico City .....	May 19–Nov. 9 .....	.....	109	
Nueva Leon—				
Monterey .....	June 17–Sept. 29 .....	.....	6	
Yucatan—				
Payo Obispo .....	July 17 .....	.....	.....	Do.
Netherlands:				
General .....	May 19–21 .....	1	.....	
Panama:				
Colon .....	June 30–Sept. 9 .....	5	.....	1 case June 30 from ss. La Normandie from St. Nazaire. Case Sept. 9, on ss. Atrato from Vigo, Spain.
Persia:				
Mash-Had .....	July 1–31 .....	.....	.....	Present.
Rasht .....	July 1–Aug. 22 .....	.....	.....	Do.
Shiraz .....	July 1–Aug. 22 .....	.....	.....	Do.
Tabris .....	July 1–31 .....	.....	.....	Do.
Peru:				
Callao .....	Aug. 23–Sept. 14 .....	.....	2	
Lima .....	Sept. 7–Oct. 3 .....	43	.....	
Philippine Islands:				
Manila .....	Apr. 21–Sept. 21 .....	55	.....	
Portugal:				
Lisbon .....	June 2–Nov. 23 .....	99	.....	Oct. 12, still present and in vicinity.

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

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Russia:</b>				
Batoum.....	May 1-Nov. 13....	18	.....	
Libau.....	June 17-Nov. 9....	5	.....	
Moscow.....	May 26-Nov. 16....	68	15	
Odessa.....	June 2-Nov. 23....	30	4	
Reval.....	July 1-31.....	4	.....	
Riga.....	June 2-Nov. 23....	66	46	
St. Petersburg.....	May 11-Nov. 2....	65	10	
Warsaw.....	July 14-Oct. 12....	.....	91	
<b>Siberia:</b>				
Vladivostok.....	May 15-July 5....	5	.....	
<b>Spain:</b>				
Almeria.....	May 1-Oct. 31....	.....	35	Report for August not received.
Barcelona.....	June 2-Nov. 30....	.....	38	
Cadiz.....	May 1-Oct. 31....	.....	41	
Denia.....	Sept. 1-Oct. 26....	8	.....	
Huelva.....	May 1-31.....	.....	1	
Madrid.....	May 1-Oct. 31....	7	.....	
Malaga.....	June 1-Sept. 30....	.....	25	
Seville.....	May 1-Aug. 31....	.....	32	
Valencia.....	June 10-Nov. 24....	481	50	
Vigo.....	Sept. 22-Nov. 23....	.....	7	
<b>Straits Settlements:</b>				
Penang.....	May 19-July 13....	2	1	
Singapore.....	May 26-June 1....	.....	1	
<b>Switzerland:</b>				
General.....	May 15-June 29....	6	.....	
<b>Turkey:</b>				
Constantinople.....	June 17-Nov. 3....	.....	21	
<b>Turkey in Asia:</b>				
Bagdad.....	Oct. 13-19.....	32	6	Present from May 19. Do. Do.
Bassorah.....	June 23-Aug. 24....	.....	.....	
Damascus.....	Apr. 7-June 22....	.....	.....	
Smyrna.....	Apr. 16-Sept. 30....	.....	35	
<b>Venezuela:</b>				
Caracas.....	Dec. 8.....	2,000	.....	Estimated.
La Guaira.....	Nov. 9.....	1	.....	From Aug. 25-Dec. 8. Present.
<b>West Indies:</b>				
Barbados—				
Bridgetown.....	Aug. 4-10.....	1	.....	On ss. Statia from Funchal.

## Weekly mortality table, foreign and insular cities.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Plague.	Cholera.	Yellow fever	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Aberdeen	Nov. 23	174,579	34											2
Aden	Nov. 19	43,974	28	4										
Alexandretta	Nov. 16	15,000	7											
Amsterdam	Nov. 23	565,032	140	18						2	1	2		
Antwerp	Nov. 16	312,571	78	7								1	2	
Asuncion	Oct. 26	65,000	30	3						2				
Baracoa	Nov. 23	27,000	3											
Basel	do	130,000	28	5										
Belfast	do	360,000	164	19						2			12	1
Belize	Nov. 28	9,113	5											
Belleville, Ont.	Nov. 25	9,515	1											
Do	Dec. 2	9,515	5											
Birmingham	Nov. 23	553,155	176							2	5	2		7
Bluefields	Nov. 30	2,800	3											
Bombay	Nov. 5	977,822	620	57	26	4				2			1	
Do	Nov. 12	977,822	634	54	22	2				3				1
Bordeaux	Nov. 23	253,000	84	11										
Bristol	do	367,979	88										3	
Brussels	do	623,202	148	22							2		1	
Cairo	Nov. 11	671,344	367	29						2		13		
Do	Nov. 18	671,344	369	25						2		12	1	
Catania	Nov. 28	160,000	73	5				1	2	3		1		
Ceila	Nov. 30	6,500	1											
Cognac	Nov. 23	19,483	11											
Constantinople	Nov. 10	1,000,000	250	40						4	1	5	1	
Do	Nov. 24	1,000,000	247	41		1		1		5	4	3	2	
Copenhagen	Nov. 9	440,000	120	16								4	6	5
Dalny	do	30,684	11											
Denia	Nov. 23	12,431	6											
Dundee	do	165,748	69										11	1
Durban	Nov. 2	63,984	25	3										
East London	do	49,253	10											1
Edinburgh	Nov. 23	345,747	85									1		2
Flushing	do	20,253	2											
Fort de France	do	27,069	14											
Frontera	do	9,000	4											
Funchal	Nov. 24	44,049	26	3										
Geneva	Nov. 16	116,400	36											
Glasgow	Nov. 29	847,584	298							1	1	4	16	5
Gothenburg	Nov. 23	155,700	38	10							1	1		1
Greenock	do	71,269	31											
Guayaquil	Nov. 16	70,000	60	6			1	4		2			1	4
Halifax	Dec. 7	40,787	16											
Hamburg	Nov. 23	824,792	266	23								5	8	4
Hamilton, Bermuda	Nov. 26	20,206	6							1				
Do	Dec. 3	20,206	4											
Havre	Nov. 2	132,430	72	18							1	1		1
Do	Nov. 16	132,430	62	15						1		1		
Kobe	Nov. 9	345,952	177			5				1		4		
Do	Nov. 16	345,952	144			1						1		
La Rochelle	Nov. 24	31,553	7	1										
Do	Dec. 1	31,553	6											
Lausanne	Nov. 16	54,500	10											
Leeds	Nov. 23	470,268	152	13							1	1	7	2
Leith	do	83,668	24	5										
Liverpool	do	746,144	274	24						1	2	1	5	9
Do	Nov. 30	746,144	265	19					1	2	2	6	3	13
Livingston	Nov. 26	3,500	1											
Lübeck	Nov. 23	91,500	29	2										
Madras	Nov. 8	509,346	362			7							1	
Magdeburg	Nov. 16	246,084	73	7							1	3	1	1
Mainz	Nov. 23	99,572	31	9								1		
Manchester	do	631,583	14								1	1	9	6
Mazatlan	Nov. 16	21,000	15											
Do	Nov. 23	21,000	23											
Mexico	Nov. 9	400,000	369	30				4	9			1	1	3
Milan	Nov. 17	908,000	177	29						5				
Do	Nov. 24	900,000	157	21										
Nagasaki	Nov. 10	168,436	53							1				
Nantes	Nov. 24	133,247	58	10						1				
Naples	Nov. 23	593,729	200	3						2				
Newcastle on Tyne	do	272,969	90							1	3	2	4	2

a Intervening week previously reported.

## 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.
Newchwang	Nov. 9	60,000	10										
Nottingham	Nov. 16	250,000	78							2			2
Païta	Nov. 17	2,500	8		6								
Do	Nov. 24	2,500	4		3								
Palermo	Nov. 9	330,000	133	11									
Do	Nov. 16	330,000	108	8					3		1	1	
Para	Nov. 23	185,000	88	13			8	10					
Paris	do	2,776,394	867	188						9	3	3	1
Penang	Oct. 26	100,429	76	11									
Plymouth	Nov. 23	116,000	23										
Port Elizabeth	Nov. 9	32,959	19	5									
Prague	Nov. 23	228,645	111	16						1			2
Rangoon	Nov. 2	252,155	163	15	12	3							
Rotterdam	Nov. 23	401,299	112							1	2		
St. Georges	Nov. 3	2,189	1										
Do	Nov. 17	2,189	3										
St. John, N. B.	Dec. 7	40,789	5										
St. Petersburg	Nov. 9	1,500,000	637	109						27	24	20	8
St. Stephen, N. B.	Dec. 7	2,840	1										
San Feliu de Guixols	Nov. 23	11,094	3										
Do	Nov. 30	11,094	6										
San Pedro	Nov. 16	7,000	8										5
Do	Nov. 23	7,000	10										2
Santa Cruz de Tenerife	Nov. 16	46,000	16	1									
Do	Nov. 23	46,000	13	2									
Santander	Nov. 24	53,574	40										
Santiago de Cuba	Nov. 30	45,500	14	4						1			
Sheffield	Nov. 16	440,000	152	14						1		3	3
Do	Nov. 23	440,000	131	17						2	1	1	1
Singapore	Nov. 2	258,324	251	41						3			
Southampton	Nov. 23	119,745	27	3								1	
South Shields	do	113,460	46	8								1	1
Stettin	do	255,000	75	3						2	2		
Stockholm	Oct. 26	332,738	78	8							1	2	1
Sunderland	Nov. 23	155,859	75	2						1			1
Tampico	Nov. 30	20,000	21	4									
Tarragona	Nov. 23	20,400	6	1									
Tegucigalpa	Nov. 20	24,000	5										
Turin	Nov. 17	367,685	116	11						2		2	
Valencia	Nov. 24	250,000	102	9				5		2	1		
Veracruz	Nov. 30	32,000	45	10									
Vienna	Nov. 16	1,999,912	571	96						3	7	4	
Vigo	Nov. 23	36,000	14	3			3						
Warsaw	Nov. 12	764,611	304	37			13	1	6	12	3		2
West Hartlepool	Nov. 23	66,750	23										
Winnipeg	Dec. 7	111,000	32										

By authority of the Secretary of the Treasury:

WALTER WYMAN,

Surgeon-General,

United States Public Health and Marine-Hospital Service.