

PUBLIC HEALTH REPORTS.

UNITED STATES.

THE BITING OF MAN BY SQUIRREL FLEAS.

[By Passed Asst. Surg. George W. McCoy.]

The finding of several plague-infected ground squirrels in California, together with the belief that it is possible for man to be infected with plague from squirrels, has prompted the following experiments to determine whether fleas from these rodents would bite man under experimental conditions.

In the experiments the common California ground squirrel (*Citellus beecheyi*) the species in which plague infection has been found, was etherized in a mouse jar and the fleas were collected and identified. The fleas were then placed in large test tubes, 4 to 6 fleas in each tube. To feed them the tube was inverted over the forearm of a healthy man.

For the first experiment 30 fleas (*Ceratophyllus acutus*), the majority of which were females, were applied one hour after they had been removed from their natural host; only 2 fed. Twenty-four hours later but 1 fed. On the third day 4 of the 8 living fleas in 3 of the tubes fed well. On the sixth day only 12 of the 30 fleas were alive; 9 of these fed.

In the second experiment 5 female fleas (*Ceratophyllus acutus*) were applied to the arm 4 days after they had been taken from the squirrel; none fed. Seven days later, 11 days after being collected, 1 flea was alive, and it fed vigorously.

In the third experiment 4 female specimens of *Hoplopsyllus anomalus* were taken from a squirrel. All of these fed well on the fourth day after they were collected.

The reaction at the site of the feeding was much more marked than after the bite of the human flea, *Pulex irritans*. A red papule associated with marked itching appeared at the point of each puncture. Traces of the lesion remained for several weeks and itching persisted for 10 days.

These experiments prove that the common fleas of the ground squirrels in the vicinity of San Francisco will bite man under the experimental conditions noted. Whether man is actually infected from squirrels through their fleas is a matter that remains to be determined. The Indian Plague Commission believed that infection from the rat flea was probably through dejecta from the flea. In our experiments it was noted that even during the most prolonged feeding the fleas never ejected blood or feces from the anus.

November 27, 1908

1720

STATEMENT OF PLAGUE ON PACIFIC COAST FROM DATE OF OUTBREAK
MAY, 1907.

SAN FRANCISCO, CAL.

	Plague rats.	Human plague.	
		Cases.	Deaths.
1907.			
May	0	1	1
June	0	0	0
July	0	0	0
August	0	11	6
September	0	41	21
October	0	33	24
November	31	36	17
December	43	36	8
1908.			
January	64	1	1
February	111	1	0
March	58	0	0
April	24	0	0
May	32	0	0
June	3	0	0
July	2	0	0
August	1	0	0
September	0	0	0
October	2	0	0
Total (1907-8)	871	160	78

BERKELEY, CAL.

1907.			

September	0	1	1
-----------	---	---	---

OAKLAND, CAL.

1907.			
September	0		
October	2		
November	1	12	7
December	0		
1908.			
January	0	0	0
February	49	0	0
March	44	0	0
April	28	0	0
May	0	0	0
June	0	0	0
July	0	0	0
August	0	0	0
September	0	0	0
October	1	0	0
Total (1907-8)	125	12	7

CONTRA COSTA COUNTY, CAL.

1907.			
July (Concord and Prenois Valley), 1 each.	0	2	2
August	0	0	0
September	0	0	0
October	0	0	0
November (Point Richmond)	0	1	0
Total	0	3	2

LOS ANGELES, CAL.

1908.			

August	1	1	0
--------	---	---	---

* Plague squirrel

Statement of plague on the Pacific coast from date of outbreak May, 1907—Continued.

SEATTLE, WASH.

	Plague rats.	Human plague.	
		Cases.	Deaths.
1907.			
October.....	1	3	3
November.....	0	0	0
December.....	3	0	0
1908.			
January.....	1	0	0
February.....	0	0	0
March.....	3	0	0
April.....	1	0	0
May.....	2	0	0
June.....	0	0	0
July.....	9	0	0
August.....	0	0	0
September.....	1	0	0
Total (1907-8).....	21	3	3

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

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

Passed Assistant Surgeon Blue reports:

SAN FRANCISCO, CAL.

Week ended November 14.

Last case of human plague.....	Sickened, January 30, 1908
Sick inspected.....	11
Plague.....	0
Dead inspected.....	103
Plague.....	0
Necropsies held.....	2
Premises inspected.....	12,214
Houses disinfected.....	43
Buildings condemned.....	11
Nuisances abated.....	991
<hr/>	
Rats found dead.....	137
Rats trapped.....	2,384
Total rats taken.....	2,521
<hr/>	
Rats identified:	
Mus norvegicus.....	1,481
Mus rattus.....	76
Mus musculus.....	883
Total.....	2,440
<hr/>	
Poisons placed.....	89,831
Shipping permits issued.....	5
Rats examined bacteriologically.....	1,352
Plague rats.....	0

OAKLAND, CAL.

Week ended November 7.

Dead inspected.....	27
Plague.....	0
Necropsies held.....	1
Rats trapped.....	224
Rats examined bacteriologically.....	224
Plague rats.....	0
Mice trapped.....	2
Mice examined bacteriologically.....	2
Plague mice.....	0

POINT RICHMOND, CAL.

Premises inspected.....	535
Nuisances abated.....	25
Rats found dead.....	25
Rats trapped.....	50
Rats examined bacteriologically.....	36
Plague rats.....	0
Poisons placed.....	21,200

CONTRA COSTA COUNTY, CAL.

Squirrels caught.....	42
Squirrels examined bacteriologically.....	42
Plague squirrels.....	0

ALAMEDA COUNTY, CAL.

Sick inspected.....	11
Plague.....	0
Dead inspected.....	51
Plague.....	0
Necropsies held.....	1

Further relative to plague-infected rat found at Oakland—Sanitary measures adopted.

Doctor Blue further reports, November 18:

On the finding of a plague rat in Webster street, Oakland [see Public Health Reports, November 13, 1908, page 1640] the block and vicinity were inspected and conditions were found to be very insanitary. In all, 3 plague rats and 1 human case of plague have been found near this locality in Chinatown. The human case occurred November 3, 1907, in Fourth street. The plague-infected rats were found as follows:

Third street.....	February 20, 1908
Third street.....	February 29, 1908
Webster street.....	October 30, 1908

On request the city health officer of Oakland employed 3 laborers to work under service inspector. The work was done with a view to finding out how far the plague infection extended. The floors of many insanitary stables, warehouses, and dwellings were taken up and a search was made. Many old rats cadavers and evidence that a large rat population existed were found. A thorough inspection service of that portion of Oakland will be maintained and Chinatown thoroughly cleaned.

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

Passed Assistant Surgeon Stimson, Plague Laboratory, reports, November 13:

Animals examined in the laboratory from November 2 to 8, inclusive:

Ground squirrels	193
Gray rats	209
Black rats	9
Gophers	21

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

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

Passed Assistant Surgeon Glover reports, November 16:

Week ended November 14.

Date of finding of last plague rat	September 26, 1908
Rats received	1,137
Rats necropsied	933
Plague rats	0
Plague-infected rats to date	21
Vessels inspected	11
Vessels fumigated	3

Report from Van Buren, Me.—Inspection for smallpox on Canadian border.

Acting Assistant Surgeon Hammond reports, November 14:

During the week ended November 14, 12 cases of smallpox have been under supervision along the Maine-Canadian border. Two houses are quarantined in Van Buren, 1 in Madawaska, 1 in Frenchville, 1 in St. Agatha, and 2 in Grand Isle. Seventeen persons have been vaccinated. Thirty-eight persons have been inspected, of which number 17 passed and 21 were rejected. Eight pieces of baggage were disinfected.

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

CALIFORNIA—Oakland.—Month of October, 1908. Estimated population, 200,000. Total number of deaths, 151, including diphtheria 1, and 14 from tuberculosis. Cases: Diphtheria 7, enteric fever 4, scarlet fever 4, measles 2, and tuberculosis 6.

San Diego.—Month of October, 1908. Estimated population, 40,000. Total number of deaths, 42, including 5 from tuberculosis. Cases: Measles 1, smallpox 9, scarlet fever 1, enteric fever 2.

CONNECTICUT—Bridgeport.—Month of October, 1908. Estimated population, 100,000. Total number of deaths, 99, including diphtheria 2, and 13 from tuberculosis. Cases: Diphtheria 14, enteric fever 6, scarlet fever 10, measles 3, and tuberculosis 8.

INDIANA—*Jeffersonville*.—Months of September and October, 1908. Estimated population, 12,000. Total number of deaths 26, including 5 from tuberculosis. Cases: Diphtheria 8, tuberculosis 5.

IOWA—*Burlington*.—Month of October, 1908. Estimated population, 30,000. Total number of deaths 28, including enteric fever 4, and 2 from diphtheria. Cases: Smallpox 2, enteric fever 25, diphtheria 5, and measles 1.

MINNESOTA—*St. Paul*.—Month of August, 1908. Estimated population, 220,000. Total number of deaths reported to the department of health, 151, including diphtheria 2, enteric fever 2, whooping cough 6, and 20 from tuberculosis. Cases: Diphtheria 49, scarlet fever 13, and smallpox 18.

Month of September, 1908. Total number of deaths reported to the department of health 147, including diphtheria 4, enteric fever 1, whooping cough 4, and 15 from tuberculosis. Cases: Diphtheria 38, measles 1, scarlet fever 12, and smallpox 9.

NEW JERSEY—*Paterson*.—Month of August, 1908. Estimated population, 116,020. Total number of deaths 182, including diphtheria 1, enteric fever 2, scarlet fever 1, whooping cough 3, and 13 from tuberculosis. Cases: Diphtheria 11, enteric fever 13, scarlet fever 16, and tuberculosis 10.

Month of September, 1908. Total number of deaths 144, including scarlet fever 1, enteric fever 1, measles 1, and 20 from tuberculosis. Cases: Diphtheria 19, enteric fever 10, scarlet fever 20, and tuberculosis 8.

NEW YORK—*Auburn*.—Month of October, 1908. Estimated population, 38,500. Total number of deaths 37, including enteric fever 1, and 6 from tuberculosis. Cases of contagious diseases reported: Diphtheria 4, enteric fever 4, whooping cough 2, phthisis pulmonalis 3.

OHIO—*East Liverpool*.—Month of October, 1908. Estimated population, 20,000. Total number of deaths 21, including enteric fever 1, and 3 from tuberculosis. Cases: Enteric fever 1, scarlet fever 2, diphtheria 2, and tuberculosis 3.

Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, June 27 to November 27, 1908

[For reports received from December 27, 1907, to June 26, 1908, see PUBLIC HEALTH REPORTS for June 26, 1908.]

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

Place.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Huntsville	Jan. 5-June 18	95 .....	.....
Mobile.....	June 7-Aug. 29	10 .....	.....
		95 .....	.....
Total for State.....				
Arkansas:				
Sulphur Rock	Aug. 25-Nov. 9	14 .....	.....
Texarkana	Dec. 1-June 15 .....	.....	.....
		14 .....	.....
Total for State.....				
California:				
Angel Island Quarantine Station.....	Jan. 1-May 18 .....	.....	.....	5 additional cases. Report received out of date.
Berkeley	Sept. 17-Oct. 17	4 .....	.....
Cedarville	July 1-Aug. 31	5 .....	.....	In vicinity.
Los Angeles	June 7-Nov. 7	7 .....	.....	July 13, 1 case on schr. Alumna. Report for June not received.
Oakland.....	Apr. 1-Sept. 30	18 .....	.....
Sacramento	May 1-Oct. 31	12 .....	.....
San Bernardino	Dec. 11-July 11	54 .....	.....	Reported out of date.
San Diego County	June 1-Aug. 3	98 .....	.....	June 1-13, mainly on Pala Indian Reservation.
Escondido	June 1-Aug. 3	15 .....	.....
San Diego	June 1-Oct. 31	39 .....	.....
San Francisco.....	June 6-Nov. 14	101	1	
Stockton	July 1-31	1 .....	.....
		354	1	
Total for State.....				
Colorado:				
Adams County	Jan. 1-Mar. 31	3 .....	.....
Bent County	Apr. 1-June 30	2 .....	.....
Boulder County	Apr. 1-June 30	4 .....	.....
Chaffee County	Jan. 1-Mar. 31	1 .....	.....
Cheyenne County	Jan. 1-Mar. 31	1 .....	.....
Denver County	Jan. 1-June 30	108 .....	.....
Douglas County	Apr. 1-June 30	1 .....	.....
Eagle County	Jan. 1-Mar. 31	9 .....	.....
Elbert County	Jan. 1-Mar. 31	3 .....	.....
El Paso County:				
Colorado City	Jan. 1-June 30	8 .....	.....
Colorado Springs	Apr. 1-June 30	10 .....	.....
Garfield County	Jan. 1-Mar. 30	17 .....	.....
Huerfano County	Jan. 1-June 30	18 .....	.....
Jefferson County	Jan. 1-Mar. 30	19 .....	.....
Larimer County	Jan. 1-June 30	3 .....	.....
Las Animas County	Jan. 1-Mar. 31	9 .....	.....
Lincoln County	Jan. 1-Mar. 31	19 .....	.....
Montrose County	Apr. 1-June 30	3 .....	.....
Montezuma	Jan. 1-Mar. 31	3 .....	.....
Morgan County	Apr. 1-June 30	3 .....	.....
Otero County	Jan. 1-June 30	40 .....	.....
Prowers County	Jan. 1-Mar. 31	1 .....	.....
Pueblo County	Jan. 1-June 30	6 .....	.....
Routt County	Apr. 1-June 30	2 .....	.....
San Juan County	Jan. 1-Mar. 31	4 .....	.....
Sedgwick County	Jan. 1-Mar. 31	8 .....	.....
San Miguel County	Apr. 1-June 30	1 .....	.....
Teller County:				
Cripple Creek	Jan. 1-June 30	2 .....	.....
Weld County	Jan. 1-Apr. 30	15 .....	.....
Yuma County	Apr. 1-June 30	9 .....	.....
		840 .....	.....
Total for State.....				
Delaware:				
Reedy Island Quarantine Station.....	Aug. 9	1 .....	.....	From R. R. Haverford.
		1 .....	.....
Total for State.....				
District of Columbia:				
Washington	June 14-Nov. 7	18 .....	.....
		18 .....	.....
Total for District.....				

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Florida:				
Jacksonville	Oct. 4-10	1		
Tampa	Oct. 4-12	1		
Total for State.....		2		
Idaho:				
Carey.....	May 21-Aug. 4	21		
Total for State.....		21		
Illinois:				
Alexander County.....	May 1-31	3		
Carroll County.....	May 1-31	5		
Cairo	Oct. 1-31	7		
Cass County.....	May 1-31	34		
Champaign County.....	May 1-31	4		
Christian County.....	May 1-31	3		
Clark County.....	May 1-31	11		
Cook County—				
Chicago	June 14-Oct. 24	12		
Harvey	May 1-31	1		
Dupage County.....	May 1-31	1		
Effingham County.....	May 1-31	1		
Iroquois County.....	May 1-31	3		
Jo Daviess County.....	May 1-31	1		
Kane County.....	May 1-31	37		
Macon County.....	May 1-31	5		
Macoupin County.....	May 1-31	5		
Marshall County.....	May 1-31	9		
McLean County.....	May 1-31	5		
Mercer County.....	May 1-31	1		
Montgomery County.....	May 1-31	7		
Morgan County.....	May 1-31	20		
Jacksonville	June 1-30	10		
Peoria County.....	May 1-31	12		
Saline County.....	May 1-31	5		
Sangamon County—				
Springfield	June 19-Oct. 29	6		
Stepenson County.....	May 1-31	25		
Tazewell County.....	May 1-31	64		
Warren County.....	May 1-31	6		
Will County.....	May 1-31	1		
Joliet	May 1-31	19		
Total for State.....		323		
Indiana:				
Allen County.....	Apr. 1-June 30	4		
Fort Wayne	June 21-Nov. 7	8		
Bartholomew County.....	Apr. 1-30	1		
Boone County.....	Apr. 1-June 30	4		
Carroll County	May 1-Sept. 30	77	1	
Clark County.....	Apr. 1-July 31	39		
Jeffersonville	June 1-July 31	25	1	
Clay County.....	Aug. 1-31	8		
Decatur County.....	Aug. 1-Sept. 30	6		
Dearborn County.....	Apr. 1-June 30	5		
Dekalb County.....	Apr. 1-June 30	15		
Delaware County.....	Apr. 1-June 30	23		
Elkhart County—				
Elkhart	Oct. 25-Nov. 7	6		
Floyd County.....	June 1-30	1		
Fountain County.....	June 1-30	4		
Fulton County.....	Apr. 1-30	19		
Grant County.....	Apr. 1-June 30	55		
Hendricks County	Apr. 1-30	1		
Howard County.....	Apr. 1-30	15		
Huntington County.....	Apr. 1-30	38		
Jackson County.....	Apr. 1-Sept. 30	5		
Jefferson County.....	June 1-30	6		
Johnson County.....	Apr. 1-Aug. 31	13		
Knox County.....	Apr. 1-May 31	31		
Laporte County.....	Apr. 1-30	2		
Lawrence County.....	Apr. 1-30	12		
Madison County.....	Apr. 1-Aug. 31	10		
Marion County.....	Apr. 1-June 30	41		
Indianapolis	June 8-Oct. 11	64	1	
Marshall County.....	Apr. 1-30	1		
Miami County.....	Apr. 1-30	16		
Morgan County.....	Apr. 1-30	2		
Newton County.....	Apr. 1-30	2		
Noble County.....	Apr. 1-June 30	15		
Orange County	Apr. 1-30	1		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Indiana—Continued.				
Owen County	Apr. 1-30	4		
Park County	June 1-30	1		
Perry County	Sept. 1-30	1		
Porter County	June 1-30	1		
St. Joseph County	June 1-Sept. 30	12		
South Bend	June 29-Sept. 26	13		
Scott County	June 1-30	2		
Shelby County	Apr. 1-30	35	1	
Steuben County	May 1-31	30		
Sullivan County	Apr. 1-30	9		
Tippecanoe County	Apr. 1-May 31	11		
Lafayette	June 21-Nov. 16	17		
Tipton County	Apr. 1-30	1		
Vanderburg County	June 1-30	1		
Wabash County	Apr. 1-30	14		
Warrick County	Apr. 1-30	1		
Wayne County	Apr. 1-Sept. 30	17		
Wells County	Apr. 1-30	1		
Vigo County	May 1-June 30	12		
Terre Haute	Nov. 1-7	1		
Total for State.		759	4	
Iowa, general	Jan. 1-June 30	2,092		
Adair County	Oct. 1-31	11		
Audubon County	Oct. 1-31	1		
Buchanan County	Oct. 1-31	1		
Cass County	Oct. 1-31	1		
Des Moines County				
Burlington	June 15-Nov. 30	3		
Johnson County	Oct. 1-30	1		
Lee County				
Keokuk	June 1-30	1		
Linn County				
Cedar Rapids	June 1-July 1	4		
Mill County	Oct. 1-30	8		
Monroe County	Oct. 1-Nov. 30	19		
Page County	Nov. 1-30	7		
Scott County				
Davenport	June 2-Oct. 31	4		
Wayne County	Oct. 1-31	1		
Warren County	Nov. 1-30	2		
Wright County	Oct. 1-31	2		
Woodbury County				
Sioux City	June 1-Aug. 31	8		
Total for State.		2,166		
Kansas:				
Allen County	Apr. 1-Aug. 30	28		
Anderson County	Apr. 1-30	6		
Atchison County	Apr. 1-July 31	70		
Atchison	Apr. 1-Aug. 30	30		
Barber County	June 1-30	1		
Barton County	Apr. 1-30	6		
Bourbon County	Apr. 1-June 30	24		
Butler County	May 1-June 30	29		
Chase County	Apr. 1-Aug. 30	11		
Cherokee County	Apr. 1-June 30	14		
Cheyenne County	Apr. 1-30	2		
Clay County	May 1-31	2		
Cloud County	May 1-June 30	2		
Crawford County	Apr. 1-June 30	6		
Pittsburg	Apr. 1-30	8		
Decatur County	June 1-30	4		
Dickinson County	July 1-31	2		
Doniphan County	Apr. 1-30	3		
Douglas County	Apr. 1-Aug. 30	37		
Edwards County	Apr. 1-May 31	3		
Ford County	May 1-June 30	2		
Franklin County	Apr. 1-May 31	3		
Geary County	July 1-31	1		
Graham County	June 1-30	2		
Greenwood County	Apr. 1-Aug. 30	12		
Hamilton County	Apr. 1-30	1		
Harper County	Apr. 1-June 30	9		
Harvey County	Apr. 1-30	14		
Hodgeman County	Apr. 1-30	2		
Jackson County	Apr. 1-Aug. 30	42		
Jefferson County	Apr. 1-June 30	11		
Jewell County	May 1-31	3		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Kansas—Continued.				
Kingman County.....	Apr. 1-July 31.....	26	.....
Labette County.....	Apr. 1-June 30.....	24	.....
Parsons.....	Apr. 1-Aug. 30.....	49	.....
Leavenworth County.....	Apr. 1-June 30.....	62	.....
Leavenworth.....	May 1-31.....	3	.....
Lincoln County.....	Apr. 1-July 31.....	7	.....
Linn County.....	Apr. 1-June 30.....	21	.....
Lyon County.....	Apr. 1-July 31.....	32	.....
Marion County.....	June 1-Aug. 30.....	7	.....
McPherson County.....	May 1-July 31.....	3	.....
Meade County.....	June 1-30.....	6	.....
Miami County.....	Apr. 1-30.....	5	.....
Montgomery County.....	Apr. 1-July 31.....	25	.....
Coffeyville.....	May 1-July 31.....	8	.....
Morris County.....	Apr. 1-30.....	14	.....
Nemaha County.....	Apr. 1-July 31.....	80	.....
Neosho County.....	Apr. 1-30.....	2	.....
Osage County.....	Apr. 1-May 31.....	2	.....
Pawnee County.....	May 1-June 30.....	6	.....
Pottawatomie County.....	Apr. 1-July 31.....	15	.....
Pratt County.....	May 1-July 31.....	13	.....
Rawlins County.....	Aug. 1-31.....	2	.....
Reno County.....	Apr. 1-May 31.....	14	.....
Republic County.....	Apr. 1-July 31.....	17	.....
Rooks County.....	July 1-31.....	1	.....
Rush County.....	May 1-31.....	6	.....
Saline County.....	Apr. 1-30.....	11	.....
Sedgwick County.....	Apr. 1-June 30.....	28	.....
Wichita.....	July 12-Nov. 7.....	4	.....
Seward County.....	May 1-June 30.....	21	.....
Shawnee County.....	Apr. 1-July 31.....	34	.....
Topeka.....	June 7-Nov. 14.....	28	.....
Smith County.....	Apr. 1-30.....	7	.....
Stevens County.....	Apr. 1-30.....	1	.....
Sumner County.....	Apr. 1-30.....	3	.....
Trego County.....	Apr. 1-30.....	22	.....
Washington County.....	Apr. 1-30.....	2	.....
Wilson County.....	June 1-Aug. 31.....	19	.....
Wyandotte County.....	May 1-31.....	7	.....
Kansas City.....	June 8-Oct. 24.....	7	.....
Total for State.....		1,034	.....
Kentucky:				
Covington.....	June 21-Nov. 14.....	12	.....
Lawrenceburg.....	Oct. 8-31.....	8	1	
Lexington.....	July 12-Nov. 14.....	5	.....
Total for State.....		25	1	
Louisiana:				
New Orleans.....	June 14-July 25.....	20	1	
Total for State.....		20	1	
Maine:				
General.....	Nov. 1-7.....	12	.....	Along the Maine-Canadian border.
Aroostook County.....	Sept. 1-30.....	1	.....	Present.
Fort Kent.....	Oct. 15.....			Do.
Frenchville.....	Nov. 1-7.....			Do.
Grant Isle.....	Oct. 15.....			Do.
Cyr Plantation.....	Oct. 15.....	8	.....	Do.
Madawaska.....	Nov. 1-7.....			Do.
St. Agatha.....	Nov. 1-7.....			Do.
Van Buren.....	Sept. 1-30.....	6	.....	Do.
Total for State.....		27	.....
Maryland:				
Baltimore.....	July 5-11.....	1	.....
Total for State.....		1	.....
Massachusetts, general:				
Lawrence.....	May 1-31.....	1	.....
	Sept. 13-Oct. 3.....	1	1	
Total for State.....		2	1	
Michigan:				
Allegan County.....	May 1-31.....	18	.....
Alpena County.....	July 1-31.....	4	.....

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Michigan—Continued.				
Barry County.....	July 1-31.....	1		
Bay County.....	May 1-31.....	10		
Benzie County.....	May 1-Aug. 31.....	19		
Berrien County.....	May 1-31.....	1		
Branch County.....	May 1-31.....	2		
Calhoun County.....	May 1-Aug. 31.....	36		
Battle Creek.....	May 1-June 30.....	25		
Charlevoix County.....	July 1-31.....	1		
Cass County.....	May 1-31.....	17		
Chippewa County.....	June 1-Aug. 31.....	3		
Sault de Saint Marie.....	May 1-July 31.....	6		
Clare County.....	May 1-31.....	3		
Eaton County.....	June 1-July 31.....	7	1	
Emmet County.....	May 1-31.....	1		
Grand Traverse County.....	May 1-June 30.....	12		
Gratiot County.....	June 1-30.....	2		
Hillsdale County.....	May 1-June 30.....	3		
Houghton County.....	May 1-Aug. 31.....	45		
Huron County.....	May 1-July 31.....	25		
Ingham County, Lansing.....	July 1-31.....	3		
Ionia County.....	May 1-July 31.....	11		
Jackson County.....	May 1-June 30.....	10		
Kalamazoo County.....	May 1-31.....	5		
Wayne County.....	June 1-July 31.....	11		
Keweenaw County.....	July 1-31.....	1		
Lake County.....	May 1-31.....	8		
Lapeer County.....	May 1-June 30.....	2		
Leelanau County.....	Aug. 1-31.....	1		
Lenawee County.....	July 1-Aug. 31.....	7		
Manistee County, Manistee.....	May 1-31.....	1		
Marquette County.....	July 1-31.....	1		
Mason County.....	May 1-June 30.....	4		
Midland County.....	May 1-31.....	1		
Missaukee County.....	May 1-July 31.....	8		
Montcalm County.....	May 1-31.....	3		
Muskegon County.....	May 1-Aug. 31.....	48		
Newaygo County.....	May 1-July 31.....	8		
Oakland County.....	June 1-30.....	3		
Oceola County.....	June 1-30.....	1		
Ottawa County.....	July 1-31.....	1		
Otsego County.....	June 1-30.....	8		
Saginaw County.....	May 1-30.....	30		
Saginaw.....	June 21-Sept. 5.....	7		
St. Clair County.....	May 1-Aug. 31.....	24		
Port Huron.....	May 1-July 31.....	10	1	
St. Joseph County.....	June 1-30.....	1		
Shiawassee County.....	May 1-31.....	1		
Tuscola County.....	July 1-31.....	2		
Van Buren County.....	Aug. 1-31.....	1		
Wayne County, Detroit.....	July 4-Aug. 1.....	2		
Wexford County.....	May 1-July 31.....	22		
Total for State.....		487	2	
Minnesota:				
Aitkin County.....	Apr. 1-July 20.....	10		
Anoka County.....	Apr. 28-Sept. 27.....	6		
Becker County.....	Apr. 28-July 13.....	128		
Beltrami County.....	July 21-Aug. 3.....	4		
Benton County.....	Apr. 28-July 20.....	12		
Bigstone County.....	Apr. 7-May 17.....	1		
Blue Earth County.....	Apr. 21-July 6.....	25		
Brown County.....	Mar. 31-Sept. 13.....	19		
Carlton County.....	June 16-29.....	2		
Carver County.....	Apr. 28-Aug. 10.....	30		
Cass County.....	June 1-8.....	1		
Chippewa County.....	Apr. 21-Sept. 27.....	15		
Chisago County.....	Apr. 14-July 6.....	3		
Clay County.....	Apr. 28-July 20.....	26		
Cottonwood County.....	July 20-27.....	2		
Crow Wing County.....	Apr. 28-Oct. 3.....	17		
Dakota County.....	Apr. 28-July 27.....	9		
Douglas County.....	June 9-15.....	2		
Faribault County.....	May 4-July 13.....	23		
Fillmore County.....	May 4-Aug. 24.....	17		
Freeborn County.....	May 4-10.....	1		
Goodhue County.....	May 4-June 29.....	21		
Grant County.....	Sept. 7-13.....	2		
Hennepin County.....	Apr. 28-Aug. 24.....	51		
Minneapolis.....	June 1-Oct. 31.....	56		
Houston County.....	Apr. 28-June 15.....	3		
Hubbard County.....	Apr. 28-Sept. 20.....	32		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases	Deaths.	Remarks.
Minnesota—Continued.				
Isanti County.....	Apr. 28-May 17.....	5.....		
Itasca County.....	Apr. 7-June 15.....	20.....		
Jackson County.....	Apr. 13-Sept. 13.....	40.....		
Kanabec County.....	May 4-10.....	5.....		
Kandiyohi County.....	May 4-15.....	16.....		
Kittson County.....	Apr. 14-Sept. 13.....	4.....		
Koochiching County.....	May 25-June 29.....	8.....		
Lac qui Parle County.....	May 4-July 6.....	16.....		
Lake County.....	May 27-July 27.....	14.....		
Lesueur County.....	Apr. 28-Aug. 31.....	17.....		
Lincoln County.....	June 4-Sept. 6.....	4.....		
Lyon County.....	May 4-Oct. 3.....	4.....		
McLeod County.....	May 24-June 8.....	3.....		
Marshall County.....	June 29-Sept. 6.....	4.....		
Martin County.....	Apr. 28-June 15.....	5.....		
Meeker County.....	Apr. 28-July 20.....	31.....		
Millelacs County.....	Apr. 28-June 15.....	4.....		
Morrison County.....	Apr. 28-Sept. 27.....	30.....		
Mower County.....	May 17-June 22.....	6.....		
Murray County.....	July 6-Aug. 24.....	8.....		
Nicollet County.....	Apr. 28-June 1.....	14.....		
Nobles County.....	Apr. 28-Aug. 3.....	5.....		
Norman County.....	May 10-June 22.....	3.....		
Olmsted County.....	Apr. 28-Sept. 27.....	16.....		
Ottertail County.....	Apr. 28-Sept. 6.....	45.....		
Pine County.....	May 17-June 22.....	9.....		
Pipestone County.....	June 1-27.....	3.....		
Polk County.....	Apr. 28-Oct. 3.....	17.....		
Pope County.....	Apr. 28-May 3.....	1.....		
Ramsey County.....	Apr. 28-Sept. 13.....	13.....		
St. Paul.....	May 1-Sept. 30.....	194.....		
Red Lake County.....	May 4-Sept. 13.....	13.....		
Redwood County.....	Apr. 28-Aug. 3.....	14.....		
Renville County.....	May 10-Sept. 13.....	7.....		
Rice County.....	Apr. 28-June 22.....	6.....		
Rock County.....	Apr. 28-June 8.....	3.....		
Roseau County.....	May 4-July 6.....	3.....		
St. Louis County.....	Apr. 28-June 15.....	9.....		
Duluth.....	Apr. 28-Aug. 31.....	230.....		
Scott County.....	Apr. 28-July 27.....	149.....		
Sibley County.....	Apr. 27-Oct. 6.....	26.....		
Stearns County.....	Apr. 28-Sept. 20.....	69.....		
Steele County.....	Apr. 28-Sept. 6.....	18.....		
Stevens County.....	Apr. 28-June 29.....	9.....		
Swift County.....	Apr. 28-June 22.....	18.....		
Todd County.....	Apr. 28-Aug. 10.....	66.....		
Wabasha County.....	Apr. 28-Sept. 6.....	10.....		
Wadena County.....	July 20-Aug. 31.....	7.....		
Wantowan County.....	Sept. 7-13.....	1.....		
Washington County.....	May 24-July 13.....	7.....		
Wilkin County.....	Apr. 28-July 6.....	6.....		
Winona County.....	May 4-July 13.....	6.....		
Winona.....	June 21-July 18.....	2.....		
Wright County.....	Apr. 29-Aug. 11.....	50.....		
Yellow Medicine County.....	May 4-Aug. 11.....	16.....		
Total for State.....		1,827.....		
Missouri:				
Carterville.....	Nov. 2.....	6.....		July to September, present.
Conway.....	Apr. 20-June 19.....	29.....		Present and in vicinity.
Durham.....	May 1-July 1.....			
Kansas City.....	June 14-Aug. 8.....	6.....		
La Belle.....	May 1-July 1.....	7.....		And vicinity.
Lewiston.....	May 1-July 1.....	18.....		Do.
Monticello.....	May 1-July 1.....	1.....		
St. Joseph.....	June 7-Aug. 29.....	32.....		
St. Louis.....	June 14-Oct. 24.....	6.....		
Total for State.....		105.....		
Montana:				
Beaverhead County.....	July 1-31.....	1.....		
Carbon County.....	July 1-Aug. 31.....	5.....		
Cascade County.....	May 1-Aug. 31.....	6.....		
Chouteau County.....	May 1-31.....	22.....		
Custer County.....	Aug. 1-31.....	1.....		
Dawson County.....	June 1-30.....	2.....		
Deerlodge County.....	May 1-31.....	1.....		
Fergus County.....	May 1-July 31.....	9.....		
Flathead County.....	May 1-Aug. 31.....	69.....		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Montana—Continued.				
Gallatin County.....	May 1-July 31.....	7.....		
Bozeman.....	June 1-Aug. 31.....	84.....		
Lewis and Clark County.....	May 1-31.....	3.....		
Helena.....	May 1-June 30.....	5.....		
Meagher County.....	May 1-July 31.....	2.....		
Missoula County.....	May 1-July 31.....	7.....		
Missoula.....	May 1-June 30.....	3.....		
Park County.....	July 1-Aug. 31.....	2.....		
Ravalli County.....	May 1-July 31.....	11.....		
Rosebud County.....	June 1-30.....	2.....		
Sanders County.....	July 1-31.....	1.....		
Silverbow County.....	Aug. 1-31.....	4.....		
Butte.....	June 1-Oct. 27.....	8.....		
Teton County.....	July 1-31.....	2.....		
Valley County.....	May 1-31.....	4.....		
Total for State.....		261.....		
Nebraska:				
Friend.....	Apr. 13-June 18.....	13.....		
Lincoln.....	Mar. 1-May 31.....	22.....		
South Omaha.....	June 7-13.....	1.....		
Total for State.....		36.....		
New Jersey:				
Fort Hancock.....	July 30.....	1.....		
		1.....		
Total for State.....		1.....		
New York, general	May 1-Sept. 30.....	118.....		
New York.....	June 14-Oct. 17.....	3.....	1.....	
Niagara Falls.....	June 14-20.....	1.....		
Schenectady.....	June 1-30.....	2.....		
Total for State.....		124.....	1.....	
North Carolina:				
Anson County.....	May 1-31.....	30.....		
Bladen County.....	July 1-31.....	1.....		
Cabarrus County.....	Apr. 1-May 31.....	38.....		
Camden County.....	Apr. 1-July 31.....	30.....		
Caswell County.....	June 1-30.....			
Chatham County.....	Apr. 1-Aug. 31.....	7.....		
Chowan County.....	Apr. 1-May 31.....	13.....		
Cleveland County.....	Apr. 1-July 31.....	10.....		
Currituck County.....	Sept. 1-30.....			
Davie County.....	Apr. 1-30.....	4.....		
Forsyth County.....	Apr. 1-30.....	1.....		
Gates County.....	Apr. 1-30.....	3.....		
Guilford County.....	Apr. 1-30.....	6.....		
Greensboro.....	Aug. 12-22.....	1.....		
Haywood County.....	Aug. 1-31.....	5.....		
Johnston County.....	Apr. 1-Sept. 30.....	53.....		
McDowell County.....	Aug. 1-31.....	1.....		
Mecklenburg County—Charlotte.....	June 14-Aug. 15.....	4.....		
Nash County.....	Sept. 1-30.....	4.....		
New Hanover County.....	Apr. 1-May 31.....	6.....		
Orange County.....	Apr. 1-May 31.....	3.....		
Pasquotank County.....	Aug. 1-31.....	9.....		
Richmond County.....	May 1-June 30.....	2.....		
Rowan County.....	Apr. 1-May 31.....	26.....		
Rutherford County.....	Apr. 1-30.....	12.....		
Wayne County.....	Apr. 1-30.....	5.....		
Yadkin County.....	Apr. 1-30.....	2.....		
Total for State.....		276.....		
North Dakota:				
Bismarck.....	Mar. 1-Sept. 30.....	38.....		
		38.....		
Total for State.....		38.....		
Ohio, general	Apr. 25-June 13.....	200.....		
Canton.....	June 7-13.....	1.....		
Cincinnati.....	June 20-Nov. 20.....	27.....		
Conneaut.....	Sept. 1-30.....	5.....		
Dayton.....	June 14-Oct. 10.....	18.....		
Springfield.....	July 12-18.....	1.....		
Toledo.....	June 14-Aug. 16.....	12.....		

Present.

Do.

Present in July.

And vicinity.

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Ohio, general—Continued.				
Troy.....	Apr. 15-July 8.....	28	.....
Zanesville.....	Aug. 1-31.....	1	.....
Total for State.....		29	.....
Oregon:				
Portland	Apr. 1-Sept. 30.....	185	.....
Total for State.....		185	.....
Pennsylvania:				
Philadelphia	Aug. 30-Sept. 4.....	1	.....
Total for State.....		1	.....
Rhode Island:				
Pawtucket	June 12-29.....	1	.....
Total for State.....		1	.....
South Carolina:				
General	Jan. 1-June 30.....	170	1	
Total for State.....		170	1	
Tennessee:				
Dekalb County.....	Sept. 15-Nov. 3.....	29	.....
Knoxville.....	June 21-July 28.....	2	.....
Livingston.....	June 18-Apr. 11.....	9	1	
Mechanicsburg.....	Sept. 16.....	1	.....
Nashville.....	June 14-Nov. 21.....	4	.....
Coulterville	Sept. 9-Nov. 4.....	30	.....
Stanton.....	Sept. 10-Nov. 9.....	21	.....
Total for State.....		96	1	
Texas:				
Encinal	Oct. 22-Nov. 22.....	13	.....
Fort Worth.....	May 1-31.....	9	.....
San Antonio.....	June 14-Oct. 10.....	11	.....
Total for State.....		33	.....
Present.				
Utah:				
Cache County.....	May 1-31.....	2	.....
Carbon County.....	June 1-30.....	1	.....
Davis County.....	May 1-Sept. 30.....	4	.....
Salt Lake County—				
Salt Lake City.....	May 1-Oct. 31.....	61	.....
Uinta County	July 1-31	1	1	
Utah County	May 1-Aug. 31.....	20	.....
Weber County	May 1-June 30.....	21	.....
Total for State.....		110	1	
Vermont:				
Whiting	May 5	1	.....
Total for State.....		1	.....
Virginia:				
Alexandria.....	June 25-27.....	13	.....
Waynesboro.....	June 1-July 31.....	20	.....
Total for State.....		33	.....
Washington:				
Seattle	May 1-Sept. 30.....	40	.....
Spokane	June 7-Nov. 14.....	76	.....
Tacoma	June 8-Nov. 1.....	9	.....
Total for State.....		125	.....
West Virginia:				
Charleston.....	Aug. 1-31.....	2	.....
Moundsville.....	June 17-July 2.....	1	.....
Total for State.....		3	.....

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Wisconsin:				
Adams County	Apr. 1-June 30	1		
Ashland County	Apr. 1-June 30	8		
Barron County	Apr. 1-June 30	10		
Bayfield County	Apr. 1-June 30	8		
Brown County	Apr. 1-June 30	1		
Buffalo County	Apr. 1-June 30	6		
Calumet County	Apr. 1-June 30	5		
Chippewa County	Apr. 1-June 30	50		
Clark County	Apr. 1-June 30	7		
Crawford County	Apr. 1-June 30	7		
Dane County	Apr. 1-June 30	3		
Dodge County	Apr. 1-June 30	37		
Door County	Apr. 1-June 30	17		
Douglas County	Apr. 1-June 30	82		
Dunn County	Apr. 1-June 30	11		
Fond du Lac County	Apr. 1-June 30	3		
Green County	Apr. 1-June 30	8		
Jackson County	Apr. 1-June 30	10		
Jefferson County	Apr. 1-June 30	8		
Juneau County	Apr. 1-June 30	6		
Keweenaw County	Apr. 1-June 30	10		
La Crosse County—				
La Crosse	June 16-Nov. 16	34		
Manitowoc County	Apr. 1-June 30	27		
Manitowoc	Aug. 2-Oct. 31	3		
Marathon County	Apr. 1-June 30	10		
Marinette County	Apr. 1-June 30	23		
Milwaukee County—				
Milwaukee	Apr. 1-June 30	9		
Milwaukee	June 14-Oct. 3	27	1	
Monroe County	Apr. 1-June 30	4		
Oconto County	Apr. 1-June 30	5		
Outagamie County	Apr. 1-June 30	6		
Ozaukee County	Apr. 1-June 30	28		
Pepin County	Apr. 1-June 30	1		
Pierce County	Apr. 1-June 30	18		
Polk County	Apr. 1-June 30	5		
Portage County	Apr. 1-June 30	1		
Rock County	Apr. 1-June 30	6	1	
Rusk County	Apr. 1-June 30	3		
St. Croix County	Apr. 1-June 30	8		
Sauk County	Apr. 1-June 30	2		
Sheboygan County	Apr. 1-June 30	28		
Taylor County	Apr. 1-June 30	10		
Trempealeau County	Apr. 1-June 30	1		
Vernon County	Apr. 1-June 30	3		
Vilas County	Apr. 1-June 30	1		
Walworth County	Apr. 1-June 30	3		
Washburn County	Apr. 1-June 30	4		
Waukesha County	Apr. 1-June 30	11		
Waupaca County	Apr. 1-June 30	3		
Winnebago County	Apr. 1-June 30	6		
Wood County	Apr. 1-June 30	44		
Total for State		632	2	
Grand total, United States		10,040	16	

Plague in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, July 15—November 27, 1908.

Place.	Date.	Cases.	Deaths.	Remarks.
California:				
Alameda County—				
Oakland	July 21	1	1	
Contra Costa County—				
Concord	July 16	1	1	
Pleasant Valley	July 24	1	1	10 miles from Martinez.
Los Angeles County—				
Los Angeles	August 11	1		

November 27, 1908

1734

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

[For smallpox and plague, see special tables.]

Cities.	Week ended—	Population, United States census, 1900.	Total deaths from all causes.	Tuber-cu-losis.		Enteric fever.		Scarlet fever.		Diph-theria.		Measles.		Whoop-ing cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Altoona, Pa.	Nov. 14	38,973	6					6	1			2	1	1	
Ann Arbor, Mich.	Nov. 7	14,509	7		1	1		1	1			1			
Do.	Nov. 14	14,509	3		2			1							
Baltimore, Md.	do	508,957	198	15	23	11	10	21	2	20	2	6			
Bayonne, N. J.	Nov. 7	32,722	1					2		5		10			
Do.	Nov. 14	32,722						1		2		11			
Berkeley, Cal.	Nov. 7	13,214	8		1										
Biddeford, Me.	Nov. 14	16,145	2												
Binghamton, N. Y.	do	38,647	16												
Boston, Mass.	do	560,892	221	41	15	18	4	70	2	95	1	16	1	17	2
Braddock, Pa.	do	15,654	9					2		1					
Bradford, Pa.	do	15,029	1					3							
Brockton, Mass.	do	40,063	6	3	1	1		1		1					
Cambridge, Mass.	do	91,886	27	5	2			11		7		10		1	
Camden, N. J.	do	75,935	24	2	1			4		13		19			
Camden, S. C.	do	2,441						1							
Carbondale, Pa.	do	18,536	4							8	1				
Charlotte, N. C.	Nov. 13	18,091	14	1		1	1					1			
Chelsea, Mass.	Nov. 14	34,072	10					1		2	1	1			1
Chicago, Ill.	do	1,698,575	565	142	80	63	7	196	11	237	18	56	2	16	1
Chicopee, Mass.	do	19,167	9					1				8			
Cincinnati, Ohio	Nov. 13	325,902	104	7	17	9	1	19		15	2				
Cleveland, Ohio	do	381,768	135	21	15	14	2	22		43	1	3		5	1
Clinton, Mass.	Nov. 14	13,667	2	1											
Columbus, Ga.	do	17,614	4												
Covington, Ky.	do	42,938	16		3							4			
Danville, Ill.	Nov. 15	16,534	8							3		5			
Dayton, Ohio	Nov. 14	85,333	39		4	6		1		2					
Detroit, Mich.	do	285,704	111							28	2	8	1		
Dunkirk, N. Y.	do	11,616	4	1	1	3				1	1	1		1	
Elkhart, Ind.	do	15,184	4	1	1					2					
Elmira, N. Y.	Nov. 14	15,184	2					3							
Erie, Pa.	Nov. 17	35,672	7	2		2					1				
Evansville, Ind.	do	52,733	22	6	8	3		42	1	3	1				
Everett, Mass.	do	59,007	18	2	2	3				9		1			
Fall River, Mass.	do	24,336	11		1	1				2	1			4	
Findlay, Ohio	do	104,863	33	1	1	3		4		2				3	
Fort Wayne, Ind.	Nov. 7	45,115	10												
Do.	Nov. 14	45,115	9		3	4						4	1		
Galesburg, Ill.	Nov. 16	18,607	3							4		1			
Galveston, Tex.	Nov. 14	37,789	14	6	1	10		1		1		10			
Glens Falls, N. Y.	do	13,543	5					2							
Gloucester, Mass.	do	26,121	9		1										
Grand Rapids, Mich.	do	87,565	21	2	1	5		8		4		3		2	
Greensboro, N. C.	do	10,035	2					1							
Harrison, N. J.	do	10,596	2	1	1										
Haverhill, Mass.	do	37,175	16	2	1						17				1
Hoboken, N. J.	do	59,364				2		2		5	1	6			
Indianapolis, Ind.	Nov. 8	169,164	45	3	7	11		2		50	1	1			
Do.	Nov. 15	169,164	41		9	10	3	2		29	2				
Jacksonville, Fla.	Nov. 14	28,429	19		1					2					
Jersey City, N. J.	Nov. 15	206,433	64	1	8	5		24		20		34		1	
Johnstown, Pa.	Nov. 7	35,936	12		5	1	4			5		1			
Kalamazoo, Mich.	do	24,404	12	1		3	2			2					
Kansas City, Kans.	Nov. 14	51,418	18		2	1	1	1		7	2				
Kearny, N. J.	Nov. 7	10,896	3							2					
Do.	Nov. 14	10,896	5							2		1			
Kingston, N. Y.	do	24,538	9					1				2			
Knoxville, Tenn.	do	32,637			1	1									
La Crosse, Wis.	Nov. 7	28,895	8		1	1	1	1		3					
Do.	Nov. 14	28,895	3			1				3					
La Fayette, Ind.	Nov. 9	18,116	8	1	2		1				6				
Do.	Nov. 16	18,116	5		1						1				
Lancaster, Pa.	Nov. 14	41,459	15		2			2		1				1	
Lawrence, Mass.	do	62,559	30	2	3					10	1	9			
Lexington, Ky.	do	26,639	13	1						8					
Los Angeles, Cal.	Nov. 7	102,479	71	8	12	4	2	9		4	1	1			
Lowell, Mass.	Nov. 14	94,969	35	3	1	6	1			14					
Lynn, Mass.	Nov. 7	68,513	15		2			2		5		8			
Do.	Nov. 14	68,513	27		6	4		1		12	1				1

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

Cities.	Week ended	Population, United States census, 1900.	Total deaths from all causes.	Tuber-cu-losis.		Enteric fever.		Scarlet fever.		Diph-theria.		Measles.		Whoop-ing cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Malden, Mass.	Nov. 7	33,664	12	7	1	1	...	2	...	10	1	...	...	...	...
Do.	Nov. 14	33,664	15	2	2	1	...	1	14	4	1	1	1	1	1
Manchester, N. H.	do	56,987	5	...	...	...	...	...	...	...	...	...	...	...	...
Manitowoc, Wis.	do	11,746	4	...	...	1	...	1	3	...	...	...	...	...	...
Marinette, Wis.	do	16,195	4	...	...	...	...	...	...	...	...	...	...	...	...
Marlboro, Mass.	Nov. 7	13,609	3	...	...	1	...	1	3	...	...	...	...	...	...
Do.	Nov. 14	13,609	5	...	...	3	1	1	...	...	...	...	...	...	...
Massillon, Ohio	do	11,944	4	...	...	...	...	...	...	...	...	...	...	...	...
Medford, Mass.	do	18,244	5	...	...	...	...	...	...	...	...	...	...	...	...
Melrose, Mass.	do	12,962	...	...	...	...	...	...	...	...	...	...	...	...	...
Milwaukee, Wis.	Oct. 31	285,315	76	18	8	14	1	19	1	11	1	4	1	1	1
Do.	Nov. 8	285,315	62	14	10	7	1	18	...	17	3	7	1	2	1
Mobile, Ala.	Nov. 7	38,469	27	5	...	...	...	...	...	4	...	...	...	...	...
Montclair, N. J.	Nov. 14	18,962	5	...	...	3	...	1	1	...	...	...	...	...	...
Montgomery, Ala.	Nov. 13	30,346	16	2	...	...	...	...	...	...	...	...	...	...	...
Moline, Ill.	Nov. 15	17,248	6	...	3	1	...	1	...	...	...	...	...	...	...
Mt. Vernon, N. Y.	Nov. 14	21,228	4	...	...	...	...	...	...	...	5	...	...	...	...
Nashville, Tenn.	do	80,865	45	1	2	10	2	4	...	6	...	...	...	...	...
Nanticoke, Pa.	Nov. 15	12,616	3	1	...	1	...	...	...	14	1	...	...	...	...
Newark, N. J.	Nov. 14	246,070	83	18	4	2	37	1	26	...	...	...	...	...	...
New Bedford, Mass.	do	63,442	32	3	5	6	2	7	...	3	...	...	10	...	...
New Brunswick, N. J.	do	20,006	...	...	...	...	...	...	...	1	...	...	...	...	...
Newburyport, Mass.	do	14,478	6	...	...	1	1	...	...	2	...	...	...	...	1
New Orleans, La.	do	278,104	137	24	13	11	6	17	...	25	1	...	...	...	...
Newton, Mass.	do	38,587	9	1	...	1	...	5	...	3	...	...	...	...	...
New York, N. Y.	do	8,437,202	1,297	479	173	78	15	215	7	337	23	180	3	18	2
Niagara Falls, N. Y.	do	19,457	4	...	...	3	...	...	2	...	...	...	...	...	...
Norristown, Pa.	do	22,265	7	...	3	...	...	...	...	...	...	...	...	...	...
North Adams, Mass.	do	24,200	5	...	1	1	...	...	...	...	...	...	...	...	...
Northampton, Mass.	do	18,643	5	...	1	...	5	...	1	...	...	...	...	...	...
Oneonta, N. Y.	Nov. 7	7,147	4	...	1	...	...	...	...	...	...	...	...	...	...
Do.	Nov. 14	7,147	4	...	...	...	...	...	...	...	...	...	...	...	...
Orange, N. J.	do	24,141	7	23	...	1	...	...	...	1	...	...	...	...	...
Ottumwa, Iowa.	do	18,197	5	1	...	3	...	1	...	3	...	...	...	...	...
Philadelphia, Pa.	Oct. 17	1,298,697	398	79	43	25	9	45	4	75	6	19	...	4	4
Do.	Oct. 24	1,298,697	431	121	69	48	7	48	6	104	19	25	11	3	3
Do.	Oct. 31	1,298,697	405	138	42	36	4	54	6	112	11	33	3	6	1
Do.	Nov. 7	1,298,697	421	125	59	31	8	49	4	72	16	35	13	2	2
Pittsburg, Pa.	Nov. 14	1,298,697	483	165	72	30	10	72	8	113	14	36	2	6	...
Pittsburg, Pa.	Nov. 7	321,616	128	18	9	16	3	41	1	17	1	30	...	1	...
Pittfield, Mass.	Nov. 14	321,616	142	22	10	19	1	26	2	25	1	23	9	...	...
Portsmouth, N. H.	Nov. 14	10,637	3	...	1	...	1	...	...	...	...	...	...	...	...
Providence, R. I.	do	175,597	65	6	6	1	...	10	...	14	2	2	...	...	...
Racine, Wis.	do	29,102	4	...	...	...	...	1	...	...	...	...	...	...	...
Reading, Pa.	Nov. 16	78,961	27	...	2	8	...	7	...	6	...	...	2	...	...
Richmond, Va.	Nov. 14	85,050	55	3	6	6	1	1	...	14	2	2	...	1	...
Rock Island, Ill.	Nov. 7	19,498	4	...	...	...	...	2	...	2	1	...	...	...	...
Do.	Nov. 14	19,498	3	...	...	...	...	3	...	3	2	...	...	...	...
Saginaw, Mich.	Nov. 7	42,345	9	1	1	4	1	1	...	...	...	2	...	...	...
Do.	Nov. 14	42,345	20	3	3	1	1	...	...	...	6	...	...	...	...
Sandusky, Ohio.	Nov. 7	19,664	9	...	2	3	1	...	...	...	...	...	...	...	...
Do.	Nov. 14	19,664	10	...	1	10	2	...	...	...	...	...	...	...	...
St. Louis, Mo.	do	675,238	190	37	18	9	4	15	...	55	5	3	1	...	...
San Antonio, Tex.	Nov. 7	58,531	...	...	2	2	...	...	...	4	...	...	...	...	...
Do.	Nov. 14	58,531	...	...	1	1	1	1	...	4	...	...	...	...	...
San Francisco, Cal.	Nov. 7	842,782	112	28	15	11	...	16	...	9	1	30	2	...	...
Somerville, Mass.	Nov. 14	61,643	23	2	1	...	...	17	...	1	...	...	...	...	...
South Bend, Ind.	do	35,999	11	1	8	1	...	...	...	4	1	...	...	...	...
S. Omaha, Nebr.	Nov. 7	26,001	...	...	...	...	...	...	...	4	1	...	...	...	...
Spokane, Wash.	do	38,848	22	...	1	4	...	11	...	9	...	1	...	...	...
Springfield, Ill.	Nov. 12	34,109	13	...	...	...	...	6	...	3	...	...	...	...	...
Springfield, Mass.	Nov. 14	62,059	22	7	1	1	1	1	...	15	1	...	...	...	...
Springfield, Ohio.	do	38,253	12	3	2	2	1	1	...	1	...	...	...	...	...
Steelton, Pa.	do	12,068	7	1	3	...	...	...	...	...	...	...	...	...	...
Taunton, Mass.	do	31,036	10	...	...	...	...	...	...	...	...	...	...	...	...
Terre Haute, Ind.	do	36,673	14	...	...	...	...	1	...	1	1	...	1	...	...
Titusville, Pa.	do	8,244	...	...	...	...	...	...	...	...	...	...	...	...	...

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

Cities.	Week ended—	Population, United States census, 1900.	Total deaths from all causes.	Tuber-cu-losis.		Enteric fever.		Scarlet fever.		Diph-theria.		Measles.		Whoop-ing cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Toledo, Ohio.....	Oct. 31	131,822	29	4	8	1	7	9	2	1	.....	.....	.....	.....	.....
Do.....	Nov. 7	131,822	39	6	7	3	5	2	1	1	.....	.....	.....	.....	.....
Do.....	Nov. 14	131,822	39	4	6	3	5	1	1	12	1	2	2	.....	.....
Topeka, Kans.....	Nov. 7	33,608	3	.....	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....
Trenton, N. J.....	Nov. 14	73,307	.....	3	2	1	1	4	.....	.....	.....	.....	.....	.....	.....
Waltham, Mass.....	do.....	23,481	3	1	1	.....	.....	19	6	2	.....	.....	.....	.....	.....
Warren, Ohio.....	do.....	8,529	2	.....	.....	1	1	1	1	1	.....	.....	.....	.....	.....
Washington, D. C.....	Nov. 7	278,718	115	28	10	19	4	6	14	4	.....	.....	.....	.....	.....
Do.....	Nov. 14	278,718	109	25	11	9	3	12	21	2	9	3	3	2	3
Wheeling, W. Va.....	Nov. 7	38,878	11	.....	1	.....	.....	2	7	.....	.....	.....	.....	.....	.....
Wichita, Kans.....	do.....	24,671	9	.....	.....	.....	.....	3	3	.....	.....	.....	.....	.....	.....
Wilkes-Barre, Pa.....	Nov. 13	51,722	22	2	1	1	.....	.....	14	.....	.....	.....	.....	.....	.....
Wilkinsburg, Pa.....	Nov. 14	13,000	3	.....	1	.....	.....	2	1	1	.....	.....	.....	.....	.....
Williamsport, Pa.....	do.....	28,757	9	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
Wilmington, Del.....	do.....	76,508	31	.....	5	.....	.....	2	1	.....	.....	.....	.....	.....	.....
Woburn, Mass.....	do.....	14,254	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Worcester, Mass.....	Nov. 7	118,421	35	6	1	2	2	16	1	.....	.....	.....	.....	.....	.....
Do.....	Nov. 14	118,421	37	6	6	2	2	8	13	2	.....	.....	.....	5	.....
York, Pa.....	do.....	33,708	10	.....	1	.....	.....	1	1	.....	.....	.....	.....	.....	.....

FOREIGN AND INSULAR.

ALGERIA.

Deratization at Algiers.

The following is taken from the *Bulletin Bimensuelle*, Algiers, October 31:

October 15 to 31: Rodents taken by the maritime sanitary service, 451; examined by the laboratory of health, 79; result negative. Classification of rats: *Mus norvegicus*, 348; *rattus*, 84; *musculus*, 19.

CHINA.

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

Acting Assistant Surgeon Hough reports, October 15 and 16:

Week ended September 26. Restrictions enforced by Hongkong remain as reported on September 19.

Quarantinable diseases: Plague, 1 case, 1 death. Cholera, 1 case, 1 death.

Vessels inspected and granted bills of health, 7.

Aliens examined for Honolulu and Pacific coast ports: Examined, 188; rejected, 77.

Aliens examined for Philippine Islands: Examined, 66; rejected, 47.

Week ended October 3.

Vessels inspected and granted bills of health, 8.

Aliens examined for Honolulu and Pacific coast ports: Examined, 256; rejected, 77.

Aliens examined for Philippine Islands: Examined, 52; rejected, 23.

Week ended October 10. Restrictions enforced by Hongkong are as follows:

Disease.	Port or place.	Restrictions in force.
Cholera.....	Manila	Medical examination; quarantine at the discretion of the health officer.

Restrictions enforced against Hongkong are as follows:

Place or port.	Nature of measures.
Ceylon	Hongkong declared an infected port.
Niuchwang	Do.

Vessels inspected and granted bills of health, 9.

Aliens examined for Honolulu and Pacific coast ports: Examined, 19; rejected, 3.

Aliens examined for Philippine Islands: Examined, 60; rejected, 28.

Report from Shanghai—Inspection of vessels—Cholera extinct.

Acting Assistant Surgeon Ransom reports, October 20:

During the week ended October 17 supplemental bills of health were granted to 3 steamships, with an aggregate personnel of 394. There were inspected 2 vessels, 158 members of crews and 21 steerage passengers. The effects of 41 native members of crews and of 3 steerage passengers were disinfected. There were 41 members of crews bathed. Manifests were viséed for 2,282 pieces of freight.

Cholera in Shanghai has disappeared, and the port is at present free from quarantinable disease with the exception of leprosy.

CUBA.*Report from Habana—Inspection and fumigation of vessels—Mosquito work continued—House and water-deposit inspection.*

Passed Assistant Surgeon Amesse reports, November 16:

Week ended November 14.

Vessels inspected	11
Bills of health issued	17
Members of crews of outgoing vessels inspected	751
Passengers of outgoing vessels inspected	375
Vessels fumigated prior to sailing	1

No quarantinable disease was reported. Mosquito work continues throughout the island. During the past 5 days 11,000 houses have been inspected in Habana. Sixty-seven breeding places were uncovered, of which 36 contained larvæ of *Stegomyia*.

Report from Matanzas—Inspection of vessels.

Acting Assistant Surgeon Nuñez reports, November 17:

Week ended November 14. Bills of health were issued to 5 vessels clearing for United States ports in good sanitary condition.

There were no quarantinable diseases reported within this district during the week.

Report from Santiago—Inspection and fumigation of vessels—Improved sanitary conditions at Nipe Bay—House and water-deposit inspection.

Acting Assistant Surgeon Wilson reports, November 12:

Week ended November 7. Bills of health were issued to two vessels bound for the United States and Porto Rico. One vessel was fumigated to kill mosquitoes.

No quarantinable disease was reported during the week.

The conditions in Nipe Bay are so improved that the sanitary force has been withdrawn, leaving only one medical inspector.

In Santiago this week there were 2,267 premises inspected. Larvæ were found in 7. The sanitary force has been reduced.

GREAT BRITAIN.

Report from Liverpool—Further relative to plague cases on barge Wesley.

Vice-Consul Sulis reports, November 17:

The barge *Wesley*, on which the cases of plague in the port of Liverpool occurred (see Public Health Reports, Nov. 13, 1908, p. 1657, and Nov. 20, 1908, p. 1699), is a coasting vessel and came to Liverpool from Widness, on the upper reaches of the river Mersey. The first death occurred October 23 while the patient was being removed to hospital. The deceased was a resident of the town of Widness. The other cases were removed under sanitary precautions to an isolation hospital ashore.

HAWAII.

Report from Honolulu—Examination of rats for plague infection.

Passed Assistant Surgeon Currie, Plague Laboratory, reports, October 31, through Chief Quarantine Officer Cofer:

Week ended October 31.

Rats taken in Honolulu.....	1,163
Trapped.....	794
Found dead.....	3
Shot from trees.....	569
Examined bacteriologically.....	490
Showing plague infection.....	0

CLASSIFICATION OF RATS SHOT FROM TREES.

Mus alexandrinus	194
Mus rattus	102
Total classified.....	296

CLASSIFICATION OF RATS TRAPPED.

Mus rattus.....	175
Mus norvegicus.....	61
Mus alexandrinus.....	96
Mus musculus.....	443
Total classified.....	775
Average number of traps set daily.....	1,438

INDIA.

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

Acting Assistant Surgeon Eakins reports, October 22 and 29:

During the week ended October 17 bill of health was issued to the steamship *Barenfels* bound for Boston and New York with a total crew of 73. The usual precautions were taken, the holds fumigated, rat guards placed on the wharf lines, and the Asiatics' effects disinfected.

During the week ended October 3 there were 7 deaths from cholera, 7 from plague, and 1 from smallpox in Calcutta; in Bengal during

the same week, 16 cases and 21 deaths from plague; in India during the same period, 2,766 cases and 2,065 deaths from plague.

During the week ended October 24 bill of health was issued to the steamship *Neidenfels*, bound for Boston and New York with a total crew of 62. The usual precautions were taken, the holds fumigated, rat guards placed on the wharf lines, and the Asiatics' effects disinfected.

During the week ended October 10 there were 13 deaths from cholera, 6 from plague, and 2 from smallpox in Calcutta. In Bengal there were 13 cases of plague with 11 deaths. In India there were 2,211 cases of plague with 1,634 deaths.

ITALY.

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

Assistant Surgeon Wollenberg reports, November 2:

Week ended October 31, vessels inspected at Naples.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Oct. 27	Louisiana	New York	549	80	550
29	Corse	San Francisco			
30	König Albert	New York	289	60	380
	Total		838	140	930

Rejections recommended.

Date.	Name of ship.	Tra-choma.	Favus.	Suspect-ed tra-choma.	Suspect-ed favus.	Other causes.	Total.
Oct. 27	Louisiana	18	3	7	.....	1	29
29	Corse						
30	König Albert	6		10	.....	1	17
	Total	24	3	17	.....	2	46

Smallpox in Naples.—During the week ended November 1, 1908, 8 cases of smallpox, with 1 death, were reported at the health office of the city of Naples.

Smallpox in Italy.—Week ended November 1. Cases: Marano Ticino (Novara) 1; Foggia 11; Barile (Potenza) 1; Radicena 10; Cinquefrondi 1; Gerace Marina 1; Giffone (Reggio Calabria) 4.

MEXICO.

Report from Mexico City—Status of typhus fever.

The following is received from the American Embassy, through the Department of State, under date of November 6:

Official reports show a slight increase in typhus fever. Seven cases were registered on November 2, 4 of which were at Belem prison; November 3, 2 cases, 1 at Belem, and November 4, 3 cases in the city and 1 at Belem.

PERU.

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

Acting Assistant Surgeon Gutierrez reports, October 26:

Week ended October 24. Bills of health were issued to 1 steamship and 2 American schooners, with an aggregate personnel of 124 in the crew, 56 cabin and 63 steerage passengers. The steamship and 1 of the schooners were fumigated.

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

Locality.	Cases Oct. 8.	New.	Re-covered.	Died.	Remaining Oct. 14.
Lima	5	2	2	1	4
Chorrillos	1				1
Callao	3	2		2	3
Barranco	1				1
Trujillo (city)	1				
Trujillo (country)	33	{ 1 3 }	8	2	27
Chepen	7	12	1	4	14
Ferrefafe	1	2		1	2
Paita	2	3		2	3
Mollendo	2	1	1	1	1
Reque		1			1

Plague has not abated at Trujillo and in the Chicama Valley.

No smallpox having been reported lately in Callao, vaccination of crews has been discontinued. Vaccination of steerage passengers going to Ancon will be continued.

Bills of health report plague in Chile as follows: Iquique, October 12, 4 cases of plague are in the lazaretto. There have been 3 cases in 2 weeks.

RUSSIA.

Report from Libau—Status of cholera in St. Petersburg.

Acting Assistant Surgeon De Forrest reports, November 10:

November 4, 243 cases of cholera were reported present in city of St. Petersburg. Since then 44 new cases have developed, with 29 deaths, making total present to November 9 of 258 cases.

The steamship *Estonia* sailed from here direct to New York on November 17. The weather is very cold here. There is snow all over Russia. The Volga River is reported as being frozen over.

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

AFRICA—*Kimberley*.—Month ended October 10, 1908. Estimated population, 54,141. Total number of deaths, 54, including 1 from enteric fever.

ARGENTINA—*Rosario de Santa Fe*.—Month of August, 1908. Estimated population, 154,663. Total number of deaths 267, including diphtheria 3, enteric fever 2, whooping cough 1, scarlet fever 4, and 30 from tuberculosis.

AUSTRIA—*Brünn*.—Months of August and September, 1908. Estimated population, 95,342. Total number of deaths 410, including diphtheria 3, enteric fever 2, scarlet fever 5, and 87 from tuberculosis.

BRAZIL—*Pernambuco*.—Two weeks ended September 30, 1908. Estimated population, 210,000. Total number of deaths, 286, including smallpox 38, measles 2, plague 2, leprosy 2, and 62 from tuberculosis.

CANADA—*British Columbia, Vancouver*.—Month ended October 31, 1908. Estimated population, 52,000. Total number of deaths, 51, including diphtheria 3, enteric fever 2, and 8 from tuberculosis. Cases: Diphtheria 15, enteric fever 19, scarlet fever 1, smallpox 2, and whooping cough 18.

QUEBEC—*Sherbrooke*.—Month of October, 1908. Estimated population, 14,709. Total number of deaths, 25, including enteric fever 1, and 4 from tuberculosis.

CUBA—*Sagua la Grande*.—Month ended October 30, 1908. Estimated population, 22,634. Total number of deaths, 35, including enteric fever 1, and 7 from tuberculosis.

FRANCE—*Calais*.—Month of October, 1908. Estimated population, 80,000. Total number of deaths, 141, including enteric fever 1, diphtheria 1, and 28 from tuberculosis.

Cherbourg.—Month of October, 1908. Estimated population, 43,948. Total number of deaths, 66, including enteric fever 7, diphtheria 1, and 13 from tuberculosis.

Marseille.—Month of October, 1908. Estimated population, 517,498. Total number of deaths, 770, including diphtheria 8, enteric fever 42, measles 5, whooping cough 1, and 103 from tuberculosis.

St. Etienne.—Two weeks ended October 31, 1908. Estimated population, 150,000. Total number of deaths, 132, including enteric fever 2 and 14 from tuberculosis. Cases: Enteric fever 10, diphtheria 1, and scarlet fever 6.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 76 great towns in England and Wales during the week ended October 31, 1908, correspond to an annual rate of 15.3 per 1,000 population, which is estimated at 16,284,952.

London.—One thousand three hundred and ninety-six deaths were registered during the week, including measles 19, scarlet fever 13, diphtheria 16, enteric fever 11, whooping cough 7, tuberculosis 143, and 76 from diarrhea. The deaths from all causes correspond to an annual rate of 13.1 per 1,000. In Greater London 1,984 deaths were registered. In the "outer ring" the deaths included 10 from measles, 1 from scarlet fever, 8 from diphtheria, and 2 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended October 31, 1908, in the 21 principal town districts of Ireland was 17 per 1,000 of the population, which is estimated at 1,131,959. The lowest rate was recorded in Lisburn, viz, 4.5, and the highest in Dundalk, viz, 35.9 per 1,000.

Scotland.—The deaths registered in 8 principal towns during the week ended October 31, 1908, correspond to an annual rate of 16.2 per 1,000 of the population, which is estimated at 1,839,038. The highest rate of mortality was recorded in Perth, viz, 22.2, and the lowest in Edinburgh, viz, 13 per 1,000. The aggregate number of deaths registered from all causes was 570, including enteric fever 2, diphtheria 11, scarlet fever 5, and 16 from whooping cough.

HAWAII—Honolulu.—Month of October, 1908. Estimated population, 39,306. Total number of deaths reported, 74, including enteric fever 3, diphtheria 1, and 12 from tuberculosis.

JAMAICA—Kingston.—Month of October, 1908. Estimated population, 52,065. Total number of deaths, 121, including enteric fever 9, and 26 from phthisis pulmonalis.

MAURITIUS—Port Louis.—Month of August, 1908. Estimated population, 376,635. Total number of deaths, 1,290, including enteric fever 4, measles 2, plague 8, and 78 from tuberculosis.

NETHERLANDS—Schiedam.—Month of October, 1908. Estimated population, 31,193. Total number of deaths, 30. Cause of deaths not given.

SIBERIA—Vladivostok.—Period from October 5 to 14, 1908. Estimated population, 79,699. Total number of deaths not reported. One death from typhus fever.

SOCIETY ISLANDS—Tahiti.—Five weeks ended October 31, 1908. Estimated population, 4,000. Total number of deaths 5, including enteric fever 1, and 2 from tuberculosis.

URUGUAY—Montevideo.—Month of August, 1908. Estimated population, 252,000. Total number of deaths, 441, including enteric fever 1, measles 1, scarlet fever 1, diphtheria 3, leprosy 1, and 53 from tuberculosis.

Cholera, yellow fever, plague, and smallpox, from June 27 to November 27, 1908.

[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 27, 1907, to June 26, 1908, see PUBLIC HEALTH REPORTS for June 26, 1908.]

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

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Austria:				
Ostrowo	Sept. 8	76	39	
Tarnopol	Sept. 14	1		
Ceylon, general	May 17-23		1	
Colombo	June 7-Sept. 26	35	22	20 cases in the asylum for the insane.
China:				
Amoy (Kulangsu)	July 26-Sept. 19		40	
Canton	June 21-27			Present.
Hankau	July 19-Sept. 21	20	15	Among foreigners.
Do.	July 19-Aug. 18	10,790	1,397	Oct. 10. Still present among natives.
Hanyang	July 27-Aug. 18		200	
Hongkong	June 14-Sept. 26	49	53	
Shanghai	Aug. 17-Sept. 27			Present, and in vicinity.
Wuchang	Aug. 5-18		2,140	100 cases in military encampment.
India:				
Bombay	May 20-Oct. 27		29	
Calcutta	May 10-Oct. 10		323	On s.s. Annie, en route May 23-June 1, 2 deaths.
Kurrachee	Aug. 8-Sept. 4		26	
Madras	May 16-Oct. 23		1,052	
Negapatam	Sept. 5-Oct. 9		28	
Rangoon	May 17-Oct. 10		67	
Indo-China:				
Bien Hoa	June 21-27	60	59	
Cholen	May 10-Oct. 3	169	106	
Saigon	May 10-Sept. 19	101	72	
Japan:				
Aweji Island—Yura	Sept. 1-5	7	6	Sept. 12. Epidemic.
Chiba ken	Jan. 1-Sept. 5	3		
Ehime ken	Jan. 1-Sept. 5	1		
Ikishima	Oct. 11-17	1		
Kanagawa ken	Jan. 1-Sept. 5	3		
Kawasaki	Aug. 23	1		
Kokoora	Oct. 1			Present.
Kuchinotsu	Oct. 11-17	7		Present on steamer from Calcutta.
Kure	Aug. 15			
Moji	Aug. 8-Oct. 15	157	71	
Nagasaki	Oct. 3	1		From s.s. Manchuria.
Oita ken	Jan. 1-Sept. 5	1		
Tokyo	Aug. 22	1		Present in vicinity.
Tokushima	Aug. 2-Sept. 6	2		
Wakamatsu	Aug. 25-Sept. 15	6	3	
Yamaguchi ken	Jan. 1-Sept. 5	1		
Yokohama	Aug. 17-23	5	1	On British steamer in quarantine.
Persia:				
Teheran	July 3	1	1	
Philippine Islands:				
Manila	June 7-Oct. 3	642	415	3 cases to June 23 on railroad from Pangasinan Province. Sept. 14-16, 2 cases and 1 death from transport Sheridan. First quarter calendar year 1908, 203 cases, 187 deaths, second quarter, 2 cases and 4 deaths.
Provinces, general	July 12-18	3	2	First quarter calendar year 1908, 806 cases, 628 deaths; second quarter, 3,488 cases and 2,315 deaths. Provinces north of Manila, June 28-July 4, 614 cases, 331 deaths.
Antique	Sept. 6-Oct. 3	320	159	
Ascurrago	July 26-Aug. 1	20	20	
Bataan	Jan. 1-Mar. 31	20	18	
Benguet	July 26-Aug. 8	6	3	
Bulacan	Jan. 1-Oct. 3	425	303	
Capiz	Jan. 1-Oct. 3	443	327	
Cavite	Jan. 1-Oct. 3	61	42	
Ilocos Sur	July 12-Oct. 3	1,980	1,385	
Iloilo	Aug. 9-Oct. 3	4,291	2,723	

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

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Philippine Islands—Contd.				
Provinces—Continued.				
Jaro	July 26-Aug. 1	17	10	
La Laguna	Jan. 1-Oct. 8	10	5	
Mindoro	Jan. 1-Mar. 31	32	20	
Misamis	July 12-Sept. 5	993	413	Including Balingasang and Cagayan
Negros Occidental	Sept. 6-Oct. 8	1,158	791	
Nueva Ecija	July 4-Sept. 5	896	206	
Nueva Vizcaya	July 12-Aug. 29	34	27	
Palawan	Sept. 21-Oct. 8	14	12	
Pampanga	Jan. 1-Oct. 8	250	198	
Pangasinan	Jan. 1-Sept. 26	2,158	1,265	
Rizal	Jan. 1-Oct. 3	490	388	
Santa Barbara	July 26-Aug. 1	15	9	
Tarlac	Jan. 1-Sept. 19	279	108	
Union	July 12-Oct. 8	1,025	687	
Zambales	Feb. 2-Mar. 31	62	48	
Russia, general	July 21-Oct. 25	25,509	11,962	
Astrakhan govt. district	July 19-Oct. 26	1,718	889	
Bakoo	Aug. 7-Oct. 25	218	117	Present in vicinity.
Batoom	Aug. 10			
Charkov district	Sept. 12-17	3	3	
Charnigov	Sept. 4-16	2	1	
Cronstadt	Sept. 15-Oct. 25	196	86	
Don, territory of	July 19-Oct. 3	11,569	569	
Ekaterinislav	Aug. 8-Oct. 25	994	495	
Helsingfors	Sept. 17-Oct. 25	16	.....	5 cases from s. s. Saxon Briton.
Irituak	Sept. 8	1	1	
Jaroslav	Aug. 19-Oct. 25	883	162	
Jenneisk	Aug. 28-Sept. 17	7	4	
Kazan	Aug. 7-Sept. 17	125	40	
Kerch-Ynikale prefecture	Sept. 4-Aug. 26	104	56	
Kerson	Sept. 4-12	4	2	
Kief district	Aug. 21-Oct. 25	735	236	
Kirghis Steppe	Sept. 12			Present.
Kostroma	Aug. 8-Oct. 10	174	84	
Kooban	Aug. 7-Oct. 25	1,372	772	
Moscow district	Aug. 29-Oct. 10	15	10	
Nakhchivan	Aug. 7-14	19	6	
New Peterhof	Sept. 4-12	1	1	
Nijini Novgorod	Aug. 7-Oct. 25	750	328	
Odesa	Sept. 1-Oct. 10	12	12	
Oofa	Aug. 7-Sept. 28	9	4	
Orel govt.	Sept. 4-12	5	3	
Orenburg	Sept. 4-17	4	4	
Penza	Aug. 8-17	1	.....
Perm	Aug. 8-Sept. 17	19	7	
Poltava govt	Sept. 4-28	78	40	
Pskov	Sept. 11-17	2	1	
Riga	Sept. 20-Oct. 27	26	.....
Rostov	July 26-Oct. 25	1,174	531	
Samara govt. district	July 19-Oct. 25	1,369	637	July 19, present, also, on vessels
Saratov	July 19-Oct. 25	1,527	862	Along Yenisei River.
Siberia	Sept. 12			July 31, present.
Simbirak govt. district	Aug. 7-Oct. 10	139	23	
St. Petersburg govt.	Sept. 9-Oct. 25	340	133	
St. Petersburg	Sept. 9-Oct. 25	7,574	3,121	Nov. 9, 258 cases in hospitals.
Syr-Daria	Sept. 4-12	30	15	
Tachkent	Aug. 29-Sept. 10	23	8	
Taganrog	Aug. 29-Sept. 10	52	31	
Tambov govt. district	July 31-Sept. 28	22	18	
Tavride	Sept. 4-12	6	3	
Terek territory	Sept. 4-28	26	8	
Tiflis	Aug. 8-Oct. 25	142	72	
Tomsk	Sept. 18-Oct. 25	196	116	
Trans-Caspian territory	Sept. 12-26	18	6	
Tula	Aug. 7-14	2	1	
Tver district	Sept. 12-25	18	7	
Ufa district	Sept. 12-17	254	148	
Ural territory	Sept. 4-Oct. 25	646	356	
Vistula district	Sept. 10			Present.
Vladimir govt.	Sept. 4-12	10	2	
Voronej	Sept. 4-12	5	2	
Warsaw	Aug. 2-8	2	2	Imported.
Zaritsyn	July 24-Sept. 8	287	182	July 19, present, also, on vessels; Aug. 29, 250 cases daily.
Siam:				
Bassein	May 10-16			Present.
Straits Settlements:				
Patalung	Sept. 7			
Singapore	May 10-Oct. 17		27	Do.

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

YELLOW FEVER.

Place.	Date.	Cases.	Deaths.	Remarks.
Barbados:				
Bridgetown	Oct. 6-12	1	1	
Brazil:				
Bahia	July 22-Sept. 30	5	3	
Manaos	May 26-Sept. 26	33	33	
Para	May 31-Oct. 24	45	42	
Pernambuco	June 15-Sept. 15	4	4	
Rio de Janeiro	June 1-Aug. 15	3	3	
Cuba:				
Habana Province—				
Habana	Sept. 18-Oct. 20	4	3	Case Oct. 2 from s. s. Merida; case Oct. 19 from s. s. Monterey; case Oct. 14-20 from s. s. Salvador.
Santiago (Oriente) Province—				
Antilla	Sept. 8			Case removed to Santiago Aug. 29.
Daiquiri	June 27-Aug. 15	20	4	
Firmeza	Aug. 22	1		
Santiago	Aug. 29-Sept. 6	1	1	From Antilla and Mayari. Imported.
Curacao	June 28-Aug. 1	1	1	
Ecuador:				
Guayaquil	May 31-Oct. 10		17	
France:				
St. Nazaire	Sept. 25-Oct. 20	11	6	From s. s. La France from West Indian ports.
Honduras:				
Ceiba	Sept. 24	1		
Martinique:				
Fort de France	June 27-Oct. 31	56	13	And vicinity.
Mexico:				
Acapulco	Sept. 12	1	1	On Mexican s. s. Manuel Herrieras.
Campeche	Oct. 25-Nov. 14	2	1	
Frontera	July 12	1		
Laguna del Carmen	Aug. 29	2		
Laguna de Terminos	June 9-July 12	8	2	From May 18, 4 cases additional from s. s. Lembit.
Merida	Aug. 23-Nov. 14	35	19	
Tierra Blanca	July 27	1		
Veracruz	July 7-Nov. 14	29	15	
Porto Rico:				
San Juan	July 5			1 case on s. s. Julia.
St. Vincent Island	Sept. 6-Oct. 3	3	2	
Venezuela	June 26	80	40	Estimated. In Upata, Guasipati, and Callao.

PLAQUE.

Algeria:				
Algiers	Sept		1	From s. s. Blythswood in voyage.
Australia:				
Brisbane	June 6-Aug. 8	8	1	Case, June 6-11, at Clifton.
Sydney	Feb. 26-June 24	4		
Austria:				
Trieste	Sept. 21	2	1	From s. s. Erzherzog Franz Ferdinand from Bombay.
Azores:				
Fayal	Aug. 10-Sept. 21	9	4	
Terceira	July 1-Oct. 27	112	53	
Brazil:				
Bahia	July 29-Sept. 30	10	10	
Maranhao, state	Oct. 20			Present.
Para	Oct. 11-17	1	1	
Pernambuco	June 1-Sept. 30		3	
Rio de Janeiro	May 11-Oct. 18	30	7	
Sao Paulo	May 18-Aug. 30		3	
British East Africa:				
Port Florence	June 11-July 11	27	22	
British Gold Coast:				
Akra	May 20-Aug. 7	8	5	
Chile:				
Antofagasta	May 18-Aug. 12	64	6	
Arica	July 15-22	2		From Jan. 1-Apr. 30, 179 cases and 47 deaths.
Iquique	May 20-Oct. 12	37	3	

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

PLAQUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Amoy	Aug. 8	1	1	Apr. 26-Oct. 1, present in native city and up-country districts. July 21-Aug. 1, epidemic.
Canton	May 1-June 9	10	.....	Mainly imported. June 27 still present.
Changshan	Sept. 26 .....	.....	.....	Present.
Chinwangtao	Oct. 17 .....	.....	.....	Do.
Foochoo	Apr. 6-July 18 .....	.....	.....	Do.
Hongkong	May 10-Sept. 5	875	788	Do.
Hsing-Sua	June 2-8 .....	.....	.....	Do.
Swatow	July 4-Aug. 14 .....	.....	.....	Do.
Taku	Oct. 17 .....	.....	.....	Do.
Tangku	Oct. 17 .....	.....	.....	Do.
Tientsin	Oct. 17 .....	.....	.....	Do.
Tongshan	Oct. 17 .....	.....	.....	Epidemic.
Ecuador:				
Babohoyo	Sept. 19-Oct. 5	4	1	
Guayaquil	May 31-Sept. 5 .....	.....	28	
Egypt:				
Alexandria	May 27-Nov. 3	78	44	Case, July 9, from s. s. <i>Persico</i> .
Port Said	July 3-Oct. 5	12	8	July 5, 1 case on s. s. <i>Orenoque</i> .
Provinces—				
Assiout	May 27-July 5	6	3	
Minieh	May 15-July 31	6	2	
Dakahlieh	June 2-Sept. 15	3	.....
Garbieh	May 16-Nov. 1	27	6	
Girgeh	Apr. 23-Oct. 13	6	6	
Fayoum	May 28-Aug. 4	81	45	
Beni Souef	May 29-Aug. 8	42	18	
Kena	May 29-July 25	44	44	
Galyoobeeyah	May 21-Aug. 3	39	17	
Menouf	May 26-Nov. 5	97	26	
Great Britain:				
Liverpool	Oct. 23-Nov. 7	3	2	From barge <i>Wesley</i> .
India:				
Bombay Presidency and Sind.	Apr. 26-Oct. 10	17,576	12,291	
Madras Presidency	Apr. 26-Oct. 10	2,116	1,385	
Bengal	Apr. 26-Oct. 10	1,146	1,041	
United Provinces	Apr. 26-Oct. 10	1,656	1,491	
Punjab	Apr. 26-Oct. 10	14,070	11,514	
Burma	Apr. 26-Oct. 10	2,396	2,327	
Central provinces, including Berar.	Apr. 26-Oct. 10	1,930	1,684	
Coorg	May 24-June 27	8	5	
Mysore State	Apr. 26-Oct. 10	3,570	2,563	
Usmanabad and Raichur districts.	Aug. 9-15	69	51	
Hyderabad State	July 19-Oct. 10	657	590	
Central India	Apr. 26-Oct. 10	356	216	
Rajputana	Apr. 26-Oct. 10	790	623	
Kashmir	Apr. 26-Aug. 29	27	15	
Northwest frontier province.	Apr. 26-July 18	456	404	
Grand total		46,623	36,200	
Indo-China:				
Cholen	May 10-Oct. 3	139	131	
Saigon	May 10-Oct. 3	169	108	
Japan:				
Awaji Island—				
Yura	Sept. 26	48	5	
Formosa	May 10-Aug. 15	620	506	From May 16 epidemic at Taiwan: 25 cases reported daily And vicinity.
Hiogo	Aug. 15-Sept. 14	86	22	
Kobe	May 24-Sept. 19	9	7	
Nara	June 14-20	14	.....
Nishinomiyia	To Sept. 24	5	.....
Osaka	May 10-June 27	19	18	
Yokohama	Aug. 26	2	.....	On s. s. <i>Itsukushima</i> in voyage.
Mauritius	May 31-Sept. 24	17	9	
Peru:				
Barranco	Oct. 1-7	1	.....
Callao	May 20-Oct. 14	86	15	
Chepen (Pacasmayo)	July 8-Oct. 14	59	31	And vicinity.
Chiclayo	May 20-Sept. 28	20	16	

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

PLAQUE—Continued.

Place.	Date.	Casea.	Deaths.	Remarks.
Peru—Continued.				
Chorrillos	Aug. 18-Aug. 24...	2	.....
Ferrenafe	July 21-Oct. 14...	10	4	
Guadalupe	Aug. 5-18...	1	1	
Lima	May 20-Oct. 14...	91	52	And vicinity.
Mollendo	June 2-Oct. 14...	8	3	
Monsefu	June 2-8...	1	.....
Niepos (Hualgayoc)	June 2-8...	2	.....
Paita (La Huaca)	July 21-Oct. 14...	17	10	
Reque	Oct. 8-14...	1	.....
Salaverry	May 2-July 19...	17	.....
Santa Eulalia (Huarochiri)	July 21-Aug. 3...	1	.....
San Jose (Lambayeque)	July 21-Aug. 3...	4	4	
Trujillo	May 20-Oct. 14...	249	116	Do.
Siam:				
Bangkok	May 3-June 20...	18	12	Present.
Puket	May 9...	.....	.....	Do.
Tongkah	May 4...	.....	.....
Straits Settlements:				
Singapore	May 17-30...	.....	2	
Trinidad:				
Port of Spain	June 4-Sept. 30...	17	13	
Turkey in Asia:				
Adalia	July 27-Sept. 23...	5	3	
Bagdad	June 7-Sept. 7...	76	50	
Beyroot	Sept. 28...	1	.....
Uruguay:				
Montevideo	Apr. 1-May 31...	.....	5	
Venezuela:				
Caracas	June 10-Oct. 18...	64	15	Oct. 4-18, 2 imported.
La Guaira	June 16-30...	5	2	Aug. 5, present.
Maquetia	June 28...	1	.....	Suburb of La Guaira.

SMALLPOX.

Algeria:				
Algiers	June 29-Oct. 31...	.....	51	
Arabia:				
Aden	May 28-Nov. 2...	.....	162	
Argentina:				
Buenos Aires	Mar. 1-May 31...	.....	4	
Austria:				
Bukowina	July 12-Sept. 26...	10	.....
Galicia	May 24-Oct. 31...	11	.....
Silesia	July 19-25...	4	.....
Barbados:				
Bridgetown	Oct. 18-24...	1	.....	From a. s. Castilian Prince.
Borneo:				
Sandakan	Apr. 16-June 30...	43	16	
Brazil:				
Bahia	May 1-Sept. 30...	757	44	
Campinas	June 29-July 5...	.....	2	
Para	June 28-July 4...	2	2	
Pernambuco	May 1-Sept. 30...	.....	326	Case Sept. 26 from a. s. Amazonas.
Rio de Janeiro	May 11-Oct. 18...	10,519	4,685	July 8-16, 1 case and 1 death on a. s. Peruviana, and August 23 1 case on a. s. Hillfern on voyage.
Santos	May 18-Oct. 10...	.....	64	1 case July 10 from a. s. Spartan Prince.
São Paulo	Aug. 10-Oct. 11...	.....	60	
British South Africa:				
East London	July 12-Aug. 15...	10	.....
Canada:				
British Columbia—				
Vancouver	Oct. 31...	2	.....
Victoria	Nov. 8-14...	1	.....
Manitoba—				
Winnipeg	Oct. 4-10...	1	.....
Nova Scotia—				
Halifax	June 14-Nov. 14...	46	.....
Ontario—				
Hamilton	June 1-30...	8	.....
Kingston	Nov. 10...	33	.....
Toronto	Oct. 4-Nov. 7...	7	.....
Ceylon, general	Apr. 1-30...	.....	2	
Colombo	June 29-Oct. 17...	177	37	

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

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Amoy (Kulangsu)....	Apr. 5-Aug. 1.....	.....	1	August 15, still present.
Foochoo.....	Apr. 26-June 27.....	.....	18	Present.
Hongkong.....	May 10-July 18.....	30	18	
Nankin.....	June 11.....	.....	.....
Shanghai.....	May 18-July 19.....	2	12	Epidemic.
Cuba, general.....	Sept. 1-10.....	1	.....
Habana.....	Oct. 1-7.....	.....	.....	1 case on s. s. Westerwald, not landed.
Denmark:				
Copenhagen.....	Sept. 20-26.....	2	.....
Ecuador:				
Guayaquil.....	May 31-Sept. 26.....	.....	51	Oct. 24, 1 case.
Egypt, general.....	May 14-Oct. 7.....	794	246	
Cairo.....	May 31-Oct. 28.....	72	26	
Suez.....	June 18-July 1.....	5	.....
France:				
Marscille.....	July 1-31.....	.....	1	
Paris.....	May 31-Nov. 9.....	20	.....
Toulon.....	May 1-Sept. 30.....	4	.....
Germany, general.....	May 24-Sept. 5.....	50	.....
Bremen.....	May 24-Oct. 24.....	5	.....
Chemnitz.....	Aug. 2-19.....	2	.....
Konigsberg.....	Aug. 2-8.....	1	.....
Ulm.....	Aug. 23-29.....	1	.....
Great Britain:				
Liverpool.....	Apr. 30-Aug. 29.....	5	.....
Grenada Island.....	Sept. 12-26.....	6	.....
India:				
Bombay.....	May 20-Oct. 20.....	.....	228	
Calcutta.....	May 10-Oct. 10.....	.....	150	
Madras.....	May 23-Aug. 14.....	.....	2	
Rangoon.....	Aug. 16-Oct. 10.....	.....	5	
Indo-China:				
Cholen.....	May 24-Oct. 3.....	12	7	
Saigon.....	July 19-Sept. 26.....	18	8	
Italy:				
General.....	June 8-Nov. 1.....	649	.....
Catania.....	May 22-July 31.....	.....	4	
Genoa.....	May 1-Aug. 31.....	9	.....
Messina.....	July 19-25.....	.....	.....	Present.
Naples.....	June 7-Oct. 24.....	128	11	
Palermo.....	May 24-Sept. 26.....	33	4	
Piscinola.....	Sept. 12-30.....	18	1	
Turin.....	June 8-14.....	3	1	
Japan:				
Formosa.....	June 7-13.....	1	.....
Kobe.....	May 31-Sept. 12.....	13	.....	May 30, 1 case on s. s. Mongolia; June 13, 1 case on s. s. Muncaster Castle.
Nagasaki.....	May 26-31.....	1	.....
Osaka.....	May 10-Aug. 1.....	115	59	
Yokohama.....	June 2-29.....	3	.....
Java:				
Batavia.....	May 10-Oct. 10.....	69	3	
Mexico:				
Acapulco.....	Sept. 20-26.....	3	.....
Aguascalientes.....	June 8-Sept. 20.....	.....	9	
Alvarado.....	Oct. 1-17.....	15	1	
Durango.....	Oct. 17-31.....	.....	.....	Present.
Mexico City.....	May 10-Oct. 9.....	.....	245	
Monterey.....	June 8-14.....	.....	1	
Tlacotalpan.....	Oct. 1-17.....	.....	.....	Present.
Veracruz.....	Oct. 8-10.....	2	.....
Netherlands, The:				
Amsterdam.....	July 27-Aug. 1.....	1	.....
Norway:				
General.....	Oct. 1-31.....	10	.....
Christiania.....	Aug. 9-Oct. 31.....	158	16	
Peru:				
Callao.....	Oct. 10.....	1	.....	Aug. 29-Sept. 5, present Among troops.
Lima.....	June 1-Oct. 10.....	5	.....	Oct. 17, 8 cases in the lazaretto.
Paita.....	Aug. 25.....	.....	.....	Present, and in vicinity.
Philippine Islands:				
Manila.....	May 3-Oct. 3.....	162	63	First quarter calendar year 1908, 42 cases, 12 deaths; second quarter, 151 cases, 64 deaths. Sept. 5, 1 case on s. s. Changsha.
Porto Rico:				
Mayaguez.....	June 7-27.....	6	.....

a Cases among foreigners; deaths among natives.

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

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Portugal:				
Cascaes.....	Sept. 12-18.....	1	.....
Lisbon.....	May 31-Oct. 31.....	48	.....
Russia:				
Batoom.....	May 1-31.....	1	.....
Reval.....	Aug. 1-Sept 30.....	1	.....
Libau.....	Aug. 30-Sept. 5.....	1	1	
Moscow.....	May 24-Oct. 17.....	368	180	
Odessa.....	May 24-Oct. 3.....	42	4	
Riga.....	June 7-Oct. 31.....	27	.....
St. Petersburg.....	May 17-Sept. 17.....	465	109	
Warsaw.....	May 10-Oct. 17.....		117	
Siberia:				
Vladivostok.....	May 6-June 21.....	11	.....
Spain:				
Barcelona.....	June 1-Nov. 7.....		25	
Cadiz.....	July 27.....		.....	Present.
Madrid.....	Sept. 1-30.....		2	
Malaga.....	Mar. 1-Apr. 30.....		4	July 27, present.
Seville.....	Oct. 1-31.....		1	
Valencia.....	June 1-Oct. 31.....	93	10	
Vigo.....	Sept. 27-Oct. 17.....		2	
Straits Settlements:				
Penang.....	Aug. 2-22.....	2	1	
Singapore.....	May 24-Sept. 5.....		6	
Switzerland:				
Zurich.....	Aug. 23-29.....	3	.....
Turkey in Asia:				
Bagdad.....	May 10-Sept. 5.....	133	67	
Smyrna.....	May 13-Oct. 6.....		21	
Trebizond.....	Sept. 27-Oct. 3.....		.....	Present.
Turkey in Europe:				
Constantinople.....	June 1-Nov. 8.....		140	
Zanzibar:				
Zanzibar.....	June 8-Oct. 30.....		4	

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.	
Aberdeen.....	Oct. 31	178,210	45							1			2
Aguascalientes.....	Noy. 8	40,000	48	3						1			1
Aix la Chapelle.....	Oct. 10	158,570	64	7									4
Do.....	Oct. 17	158,570	64	2									1
Amsterdam.....	Oct. 31	564,893	127	20									
Antwerp.....	Oct. 24	312,571	81	6									
Asuncion.....	Sept. 26	75,000	24	2									
Do.....	Oct. 3	75,000	25	3									
Athens.....	Oct. 24	241,658	65	13									
Baracoa.....	Oct. 31	27,000	6	2									
Barcelona.....	do.....	600,000	207	28									
Barmen.....	Oct. 17	160,400	28	5									
Do.....	Oct. 24	160,400	34										
Baranquilla.....	do.....	40,000	29	4									
Basel.....	do.....	131,000	25	6									
Bellast.....	Oct. 31	380,344	114	25									
Belgrade.....	Oct. 17	80,000	—										
Belize.....	Oct. 29	9,113	2										
Bergen.....	Oct. 31	87,749	36	6									
Berlin.....	Oct. 10	2,103,998	493	68									
Do.....	Oct. 17	2,103,998	534	84									
Birmingham.....	Oct. 31	558,386	164	18									
Bluefields.....	do.....	2,500	1										
Do.....	Nov. 7	2,500	2										
Bombay.....	Oct. 20	977,822	622	52	16								
Bordeaux.....	Oct. 24	253,000	77	9									
Bremen.....	Oct. 10	230,670	59	13									
Do.....	Oct. 17	230,670	64	8									
Breslau.....	Oct. 10	335,186	151	19									
Do.....	Oct. 17	335,186	181	29									
Bristol.....	Oct. 31	372,785	106										
Brussels.....	Oct. 24	630,078	168	14									
Budapest.....	Oct. 10	801,200	—										
Do.....	Oct. 17	804,200	—										
Cairo.....	Oct. 14	692,657	379	23									
Do.....	Oct. 21	692,657	383	21									
Cardiff.....	Oct. 24	19,446	36	3									
Do.....	Oct. 31	191,446	58	9									
Cartagena.....	Oct. 25	30,000	11	1									
Do.....	Nov. 1	30,000	12	3									
Ceiba.....	Oct. 31	6,500	1										
Do.....	Nov. 7	6,500	4	1									
Chemnitz.....	Oct. 17	271,660	103	6									
Do.....	Oct. 24	271,660	76	7									
Cholon.....	Oct. 3	15,000	—		9	2	1						
Christiania.....	Oct. 17	233,000	52				1						
Do.....	Oct. 24	233,000	50										
Coatzacoalcos.....	do.....	3,300	7										
Do.....	Oct. 31	3,300	4	1									
Coburg.....	Oct. 17	23,239	4	1									
Do.....	Oct. 24	23,239	7										
Cognac.....	Oct. 31	19,483	8	2									
Cologne.....	Oct. 17	462,970	149	8									
Do.....	Oct. 24	462,970	170	20									
Constantinople.....	Oct. 25	1,000,000	198	42									
Do.....	Nov. 3	1,000,000	191	31									
Copenhagen.....	Oct. 17	440,000	115	16									
Dalny.....	Oct. 10	36,470	10	1									
Do.....	Oct. 17	36,470	25	1									
Denia.....	Oct. 31	12,420	2										
Dresden.....	Oct. 17	540,300	152	22									
Do.....	Oct. 24	540,300	139	16									
Dublin.....	Oct. 31	394,525	171	36									
Dundee.....	do.....	168,618	65										
Dunmore.....	Nov. 7	1,232	1										
Durbar.....	Oct. 10	60,972	18	2									
Edinburgh.....	Oct. 31	350,524	87										
Erfurt.....	Oct. 24	105,850	30	2									
Fiume.....	Oct. 31	49,500	29	8									
Flushing.....	do.....	10,157	2										
Fort de France.....	Oct. 24	27,069	21										

Weekly mortality table, foreign and insular cities—Continued.

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.
Santa Cruz de Teneriffe.	Oct. 24	46,000	12	1							
Santos	Sept. 20	7,500	38	7							
Do	Sept. 27	7,500	31	5							
Do	Oct. 4	7,500	36	5							
Shanghai	do	544,000	170	11							
Do	Oct. 11	541,000	165	28							
Do	Oct. 18	544,000	140	18							
Singapore	Sept. 26	260,000	227	16							
Do	Oct. 3	240,000	241	26							
Southampton	Oct. 31	122,196	23	4							
South Shields	Oct. 24	115,535	37	3							
Stettin	do	230,000	83	9							
Stockholm	Oct. 17	337,460	92	14							
Sunderland	do	157,495	51	3							
Do	Oct. 24	157,495	58	3							
Tarragona	Oct. 31	20,400	8	2							
Tegucigalpa	Oct. 21	24,000	13								
Do	Oct. 28	24,000	8								
Toronto	Oct. 10	272,600	90								
Do	Oct. 17	272,600	83								
Do	Oct. 24	272,600	91								
Do	Oct. 31	272,600	86								
Do	Nov. 7	272,600	85								
Trieste	Oct. 17	216,077	99								
Do	Oct. 24	216,077	97								
Turin	Oct. 25	373,701	115	24							
Valencia	Oct. 31	250,000	81	10							
Veracruz	Nov. 7	32,000	46	7							
Vevey	Oct. 10	14,000	5								
Do	Oct. 17	14,000	3								
Victoria, B. C.	Oct. 31	27,500	11	3							
Do	Nov. 7	27,500	7	1							
Vienna	Oct. 24	2,042,426	527	85							
Warsaw	Oct. 3	751,595	300	42							
Do	Oct. 10	751,595	243	35							
West Hartlepool	Oct. 21	66,750	15								
Winnipeg	Nov. 7	118,000	35								
Zurich	Oct. 31	180,000	56	12							

By authority of the Secretary of the Treasury:

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