

PUBLIC HEALTH REPORTS.

UNITED STATES.

Viruses, serums, and toxins purchased from licensed establishments by boards of health for distribution will, upon request of said boards, be examined for purity and potency in the Hygienic Laboratory.

The following letter addressed to State boards of health November 2, 1907, is herewith published for the information of State and municipal health officers:

SIR: In accordance with the provisions of the law of July 1, 1902, governing the manufacture, barter, and sale in interstate traffic of vaccines, serums, and toxins, samples of these products are purchased in the open market from time to time for examination in the Hygienic Laboratory as to purity and potency. During the course of the year a large number of samples thus obtained are examined. It is known, however, that a great many of these products are purchased from licensed firms and distributed by State and municipal boards of health. In carrying out the intent of the law it is desirable to examine the products of licensed establishments which are issued to boards of health as well as those which may be purchased in open market. The Bureau, therefore, through its Hygienic Laboratory, would be pleased to examine for your board any samples that you desire to forward for that purpose.

Respectfully,

WALTER WYMAN, *Surgeon-General.*

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

Reports from San Francisco, Cal.—Status of plague—Plague prevention work—Routine measures for plague-infected localities (circular).

Passed Assistant Surgeon Blue reports: November 2.—Cases to date, 84; deaths, 54.

He further reports plague-prevention work at San Francisco carried out during the week ended November 2:

Sick inspected	45
Plague	2
Dead inspected	70
Plague	4
Premises inspected	7,395
Houses disinfected	44
Houses destroyed	21
Nuisances abated	607
Rats found dead	725
Rats trapped	2,706
Bounty rats received	1,577
Blocks covered with Danysz's virus	1
Poisons placed	223,739

[Circular.]

SAN FRANCISCO, CAL., October 1, 1907.

Routine measures for plague-infected localities.

INSTRUCTIONS TO MEDICAL OFFICERS IN THE FIELD.

Upon the discovery of a case of plague in a block, and when the infection is thought to have been contracted in that locality, concentrate a sufficient force to carry out, in as short a time as possible, the following measures in addition to the disinfection of the infected house:

(1) A rapid sanitary survey of the infected and contiguous blocks. (a) Note the cases of sickness at the time and for the past six weeks in each house; (b) number of stables, their condition as to sewer connections, character of flooring, number of stalls, and the meat markets and bakeries for the same conditions; (c) sanitary condition of occupied premises and vacant lots with regard to rat food and harboring places; (d) note the prevalence of rats, and especially if dead ones have been seen recently.

The inspector will enter every house in search of this information and impress upon householders the necessity of destroying rats and rat food and of making their homes rat proof. If a case of plague has gone unrecognized in the family, as shown by the sanitary history of the house, the facts should be reported at once to headquarters.

(2) The rat holes and runs in the infected and adjoining houses should be flooded with carbolic solution (1-40) or bichloride of mercury solution (1-500) and then treated as follows: Holes in wooden floors to be sealed with tin or sheet metal; brick or concrete, with cement; earthen holes to be filled with broken glass and brick.

(3) Place poisons, preferably phosphorus and arsenic pastes, in holes and runs in the infected and contiguous blocks; (b) place traps, both spring and cage, over the same ground; (c) Danysz's virus of high virulence should be placed in cellars, kitchens, and households generally.

(4) Send the sewer men to examine and report on the condition of sewers as regards choking, retardation of current, and the presence of dead rodents. Frequent flushing may be resorted to in order to insure the rapid disposal of infected material.

The fact is often overlooked that it is as important to find and eradicate plague infection among rats as it is among human beings. Careful search, then, should be made for the cadavers of rats during plague times. Those that have died recently should be sent in for bacteriological examination; bodies in which putrefaction has occurred should be burned.

PLAGUE INFECTION.

When plague continues to occur in a house or a locality, after a thorough disinfection has been done, make a careful search in the neighborhood for the cause of the continuance. All harboring places and places in which rat food is found in abundance should be looked upon with suspicion. Defective wooden floors and walls of the infected house and the adjoining houses may be torn out and a search made for rat cadavers. Stables and restaurants may be treated in a like manner.

In 1903, 87 dead rats were found in the walls of a Chinese restaurant. After the destruction of this focus no further cases occurred.

The measures that should be adopted to stamp out rat plague are the same as those recommended for human plague. It should be then the invariable practice to deal with rat plague in such manner as to prevent human plague.

THE VACATION OF BUILDINGS.

(a) All defective buildings in which rats dead of plague have been found should be vacated at once, to prevent the occurrence of the disease among human beings. The same rule should apply to adjoining houses. (b) Buildings in which plague continues to appear, in spite of the measures enumerated above, should be vacated and destroyed.

These rules are in addition to careful general sanitation, the disinfection of infected houses, and the isolation of those sick of the disease. Contacts should be kept under observation and inspected daily for a period of eight days.

RUPERT BLUE,
Passed Assistant Surgeon.

Doctor Blue further reports: Antiplague operations in Oakland, Cal., for week ended October 26:

Sick inspected	18
Dead inspected	32
Premises inspected	3, 343
Houses disinfected	4
Nuisances abated	536
Rats found dead	49
Rats trapped	598
Poisons placed	12, 387
Notices served	122
Ships inspected	25
Ships served with notices	8
Rats examined	4
Cats examined	2

Outgoing quarantine transactions.

Passed Assistant Surgeon Hobby reports, October 28:

Week ended October 26. Fifty-nine vessels were disinfected during the week. Sixty-seven vessels that had previously been disinfected were certified to as having observed the required precautions.

Report from Los Angeles, Cal.—Organization of work of sanitation and rat destruction.

Surgeon Brooks reports, October 26:

Special work was begun in this city October 25 to cleanse the city and destroy rats. A committee, on which I was requested to serve, was appointed by the county medical society to confer with the mayor and council of the city to urge upon them the advisability of this work. As a result, the board of health of this city has been authorized to appoint 9 physicians as medical inspectors (one for each ward of the city), 18 sanitary inspectors, 81 assistant sanitary inspectors (rat catchers), and 140 laborers; and 40 two-horse wagons will be hired to carry off refuse. The city health officer has complete control of this work.

Report from Seattle, Wash.—No further cases of plague.

Passed Assistant Surgeon Cofer reports:

November 11. No further developments in plague. Have employed six acting assistant surgeons and three attendants. Have sixty men at work. Everything progressing favorably.

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

CONNECTICUT—*Stamford*.—Month of October, 1907. Estimated population, 20,000. Number of deaths not reported. Case: Tuberculosis, 1.

FLORIDA—*Pensacola*.—Month of October, 1907. Estimated population, 22,256. Total number of deaths, 38, including diphtheria 1, enteric fever 1, and 3 from tuberculosis. Cases of contagious diseases not reported.

ILLINOIS—Rockford.—Month of September, 1907. Estimated population, 45,000. Total number of deaths, 36, including diphtheria, 1, and 6 from phthisis pulmonalis. Cases: Diphtheria 3, scarlet fever 1, and smallpox 5.

INDIANA—Anderson.—Month of October, 1907. Estimated population, 25,398. Total number of deaths, 25, including 1 from tuberculosis. Cases: Enteric fever 7, diphtheria 4, scarlet fever 1, smallpox 16, and tuberculosis 1.

Muncie.—Month ended November 4, 1907. Estimated population, 34,036. Total number of deaths, 19, including 3 from tuberculosis. Cases: Diphtheria 5, enteric fever 13, scarlet fever 3, and tuberculosis 3.

IOWA—Cedar Rapids.—Month of October, 1907. Estimated population, 30,000. Total number of deaths, 34, including 2 from tuberculosis. Cases: Scarlet fever 21, diphtheria 1, and smallpox 1.

Davenport.—Month of October, 1907. Estimated population, 45,000. Total number of deaths not reported. Two deaths from enteric fever. Cases: Diphtheria 31, enteric fever 12, measles 1, scarlet fever 8, and whooping cough 1.

KANSAS.—Month of September, 1907. Reports to the State board of health show as follows: Diphtheria, 59 cases, 8 deaths; enteric fever, 475 cases, 58 deaths; measles, 27 cases, no deaths; scarlet fever, 31 cases, no deaths; smallpox, 23 cases, no deaths; tuberculosis, 93 cases, 54 deaths.

Contagious diseases were distributed in the cities as follows:

Atchison.—Diphtheria, 1 case; tuberculosis, 2 cases, 2 deaths; smallpox, 7 cases.

Coffeyville.—Enteric fever, 4 cases, 1 death; measles, 2 cases; diphtheria, 1 case, 1 death; scarlet fever, 1 case.

Kansas City.—Diphtheria, 10 cases; enteric fever, 46 cases, 10 deaths; scarlet fever, 3 cases; tuberculosis, 13 cases, 5 deaths.

Leavenworth.—Diphtheria, 1 case; enteric fever, 1 case, 1 death; scarlet fever, 1 case; smallpox, 3 cases; tuberculosis, 2 cases, 2 deaths.

Parsons.—Enteric fever, 2 cases; smallpox, 1 case; measles, 3 cases; tuberculosis, 4 cases, 2 deaths.

Topeka.—Diphtheria, 8 cases; enteric fever, 9 cases, 2 deaths; scarlet fever, 1 case; tuberculosis, 2 cases, 2 deaths.

KENTUCKY—Henderson.—Month of October, 1907. Estimated population, 17,500. Total number of deaths, 21, including enteric fever 2 and 2 from tuberculosis. Cases: Diphtheria 1, enteric fever 12, measles 18, scarlet fever 1, and tuberculosis 2.

MONTANA—Helena.—Month of October, 1907. Estimated population, 21,000. Total number of deaths, 26, including 3 from enteric fever. Cases: Diphtheria 6, enteric fever 18, and whooping cough 1.

NEW HAMPSHIRE—Concord.—Month of October, 1907. Estimated population, 20,000. Total number of deaths, 32, including 3 from tuberculosis. Cases: Diphtheria 9 and tuberculosis 3.

NEW JERSEY.—Reports to the State board of health for the month ending October 15, 1907, show a total of 2,899 deaths, including diphtheria 39, enteric fever 51, measles 3, scarlet fever 22, whooping cough 20, and 313 from tuberculosis.

NEW YORK.—Month of September, 1907. Estimated population 8,227,000. Reports to the State department of health show as follows: Total number of deaths, 11,485, corresponding to an annual death rate of 16.8 per 1,000 of the population, includes enteric fever 189, measles 25, scarlet fever 35, whooping cough, 49, diphtheria 140, smallpox 1, and 973 from phthisis pulmonalis. Cases: Diphtheria 1,289, enteric fever 1,302, measles 877, scarlet fever 895, smallpox 25, and tuberculosis 1,929.

Saratoga Springs.—Month of October, 1907. Estimated population, 11,122. Total number of deaths not reported. One death from diphtheria, 2 from enteric fever, and 1 from tuberculosis. Cases: Diphtheria 4, enteric fever 5, and tuberculosis 3.

Schenectady.—Month of October, 1907. Estimated population, 77,666. Total number of deaths 98, including diphtheria 2, enteric fever 1, scarlet fever 2, and 5 from tuberculosis. Cases: Diphtheria 19, enteric fever 8, measles 1, and scarlet fever 3.

OHIO—Zanesville.—Month of October, 1907. Estimated population, 26,000. Total number of deaths, 29, including diphtheria 3 and 2 from tuberculosis. Cases: Diphtheria 24 and scarlet fever 4.

OREGON—Portland.—Month of September, 1907. Estimated population, 175,000. Total number of deaths, 136, including diphtheria 1, enteric fever 7, and 10 from tuberculosis. Cases: Diphtheria 35, enteric fever 38 (13 brought to city for treatment), measles 2, smallpox 1, and scarlet fever 10.

PENNSYLVANIA—Dunmore.—Month of October, 1907. Estimated population, 17,500. Total number of deaths, 21, including 1 from diphtheria. Cases: Enteric fever 2, diphtheria 1, and scarlet fever 2.

New Castle.—Month of October, 1907. Estimated population, 38,000. Total number of deaths, 45, including enteric fever 4 and 1 from tuberculosis. Cases: Diphtheria 3, enteric fever 10, whooping cough 1, scarlet fever 2, and measles 1.

Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, June 28 to November 15, 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.
Alaska:				
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		
California:				
General.....	July 1-31.....		1	
Longbeach.....	Sept. 1-30.....	5		
Los Angeles.....	July 21-Oct. 26...	4		
Oakland.....	July 1-Sept. 30...	4		Imported.
Pasadena.....	Sept. 1-30.....	3		
Sacramento.....	July 1-30.....	1		
San Francisco.....	June 22-Oct. 26...	41	2	
Total for State.....		58	3	
Colorado:				
Adams County.....	Sept. 1-30.....	2		
Bent County.....	May 1-31.....	3		
Boulder County.....	May 1-Aug. 31.....	34		
Clear Creek County.....	May 1-Sept. 30...	6		
Conejos County.....	June 1-30.....	1		
Denver County.....	May 1-Sept. 30...	135		
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		
Ourray County.....	Aug. 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.....		377		
Connecticut:				
Willimantic.....	June 1-30.....	2		
Total for State.....		2		
Delaware:				
Delaware Breakwater quarantine.	Sept. 24.....	1	1	From ss. Vienna from Tagal, Java.
Total for State.....		1	1	
District of Columbia:				
Washington.....	June 16-22.....	1		
Total for District.....		1		
Illinois:				
Arcadia.....	Jan. 1-June 30.....	2		
Atwood.....	Jan. 1-June 30.....	2		
Aurora.....	Jan. 1-June 30.....	55		
Barry.....	Jan. 1-June 30.....	8		
Beardstown.....	Jan. 1-June 30.....	1		
Belleville.....	Jan. 1-June 30.....	3		
Canton.....	Jan. 1-June 30.....	1		
Cerro Gordo.....	Jan. 1-June 30.....	1		
Chadwick.....	Jan. 1-June 30.....	5		
Chapin.....	Jan. 1-June 30.....	4		
Chester.....	Jan. 1-June 30.....	1		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Illinois—Continued				
Chicago	June 23–Nov. 9	17		
Coal City	Jan. 1–June 30	17		
Colfax	Jan. 1–June 30	1		
Champaign County	Jan. 1–June 30	6		
Charleston	Jan. 1–June 30	2		
Danville	Jan. 1–June 30	15		
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	
Evanston	Jan. 1–June 30	2		
Evansville	Jan. 1–June 30	1		
Fayette County	Jan. 1–June 30	7		
Galesna	Jan. 1–June 30	68		
Galesburg	June 16–July 6	3		
Hanna	Jan. 1–June 30	1		
Harvey	Jan. 1–June 30	1		
Iroquois	Jan. 1–June 30	6		
Jacksonville	Jan. 1–June 30	1		
Joliet	May 31–June 15	5		
Knox County	Jan. 1–June 30	12		
La Salle	Jan. 1–June 30	26		
Livingston County	Jan. 1–June 30	74		
Mechanicsburg	Jan. 16–Aug. 1	19		
Murrayville	Jan. 1–June 30	1		
Panola	Jan. 1–June 30	3		
Peoria	June 18–July 25	10		
Pike County	Jan. 1–June 30	14		
Plainfield	Jan. 1–June 30	8		
Pontiac	Jan. 1–June 30	17		
Quincy	Oct. 1–31	1		
Rockford	Jan. 1–Sept. 30	7		
Rushville	Jan. 1–June 30	4		
Sag Bridge	Jan. 1–June 30	2		
St. Charles	Jan. 1–June 30	4		
Shannon	Jan. 1–June 30	1		
Springfield	June 21–Oct. 31	2		
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		
Tremont	Jan. 1–June 30	27		
Westville	Jan. 1–June 30	1		
Williamsville	Jan. 1–June 30	5		
Winslow	June 1–Aug. 3	25		
Total for State		618	1	
Indiana:				
Allen County	May 1–July 31	6		
Boone County	June 1–July 31	4		
Carroll County	June 1–30	9		
Cass County	May 1–July 31	9		
Clinton County	May 1–July 31	4		
Delaware County	June 1–July 31	3		
Elkhart County	May 1–July 31	31		
Elkhart	July 1–Nov. 2	10		
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 1–30	1		
Anderson	Aug. 1–Oct. 31	19		
Marion County—				
Indianapolis	June 17–Oct. 27	11		
Marshall County	May 1–July 31	53		
Miami County	May 1–July 31	23		
Montgomery County	June 1–July 31	8		
Noble County	July 1–31	1		
Parke County	June 1–30	1		
Pike County	June 1–30	3		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Indiana—Continued.				
Porter County.....	June 1-30.....	12		
St. Joseph County— South Bend.....	June 16-July 20.....	6		
Tippecanoe County.....	May 1-June 30.....	3		
Lafayette.....	June 18-July 15.....	7		
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.....		429		
Iowa:				
Cedar Rapids.....	June 1-Oct. 31.....	3		
Davenport.....	June 15-Sept. 30.....	11		
Keokuk.....	July 1-31.....	2		
Ottumwa.....	Aug. 18-Sept. 14.....	2		
Total for State.....		18		
Kansas:				
Allen County.....	May 1-July 31.....	10		
Atchison County.....	May 1-Sept. 30.....	29		
Atchison (city).....	Aug. 1-Sept. 30.....	13		
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-Sept. 30.....	2		
Cloud County.....	May 1-31.....	2		
Coffey County.....	Aug. 1-31.....	6		
Cowley County.....	May 1-July 31.....	28		
Crawford County.....	May 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.....	13		
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-June 30.....	9		
Labette County.....	May 1-July 31.....	2		
Parsons.....	May 1-Sept. 30.....	15		
Leavenworth County— Leavenworth.....	June 1-Sept. 30.....	9		
Lincoln County.....	Aug. 1-31.....	4		
Linn County.....	July 1-Sept. 30.....	5		
Lyon County.....	May 1-31.....	2		
Marion County.....	June 1-July 31.....	6		
Miami County.....	May 1-31.....	1		
Montgomery County.....	June 1-Sept. 30.....	10		
Coffeyville.....	May 1-July 31.....	15		
Neosho County.....	Aug. 1-31.....	26		
Osborne County.....	May 1-31.....	5		
Fawnee County.....	June 1-Aug. 31.....	9	1	
Phillips County.....	May 1-31.....	22		
Rawlins County.....	May 1-31.....	5		
Reno County.....	May 1-July 31.....	37		
Saline County.....	May 1-July 31.....	20		
Sedgwick County.....	May 1-July 31.....	14		
Seward County.....	May 1-31.....	3		
Shawnee County.....	Aug. 1-31.....	6		
Topeka.....	Aug. 1-31.....	1		
Sheridan County.....	May 1-July 31.....	36		
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		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Kansas—Continued.				
Washington County.....	May 1-June 30....	6		
Wichita County.....	July 1-Aug. 31....	3		
Wilson County.....	May 1-31.....	4		
Wyandotte County.....	June 1-July 31....	13		
Kansas City.....	June 16-Oct. 26....	12		
Total for State.....		605	2	
Kentucky:				
Covington.....	June 23-Sept. 14..	9		
Lexington.....	July 21-27.....	1		
Louisville.....	June 22-Oct. 10....	12		
Total for State.....		22		
Louisiana:				
New Orleans.....	June 16-Oct. 26....	27	3	
Shreveport.....	July 28-Oct. 19....	6		
Total for State.....		33	3	
Massachusetts:				
Boston.....	July 14-Sept. 28....	3		
Lawrence.....	June 16-July 13....	3		
Somerville.....	Oct. 20-Nov. 9.....	2		
South Groveland.....	July 1-Aug. 17....	20		
Total for State.....		28		
Michigan:				
Detroit.....	June 16-Sept. 28....	30		
Saginaw.....	Aug. 18-Oct. 12....	10		
Total for State.....		40		
Minnesota:				
Anoka County.....	May 21-27.....	3		
Beltrami County.....	May 6-Aug. 12.....	23		
Benton County.....	Apr. 30-May 6.....	2		
Big Stone County.....	May 14-Aug. 12....	23		
Blue Earth County.....	May 14-June 24....	17		
Brown County.....	May 14-July 1.....	32		
Carver County.....	May 1-July 22....	69		
Cass County.....	May 1-Aug. 19.....	24		
Chippewa County.....	June 18-July 1.....	9		
Chisago County.....	May 14-June 11....	19		
Clay County.....	May 14-July 8.....	15		
Crow Wing County.....	May 14-20.....	1		
Dakota County.....	May 14-June 11....	2		
Douglas County.....	July 1-15.....	1		
Faribault County.....	May 1-June 24....	38		
Fillmore County.....	June 1-17.....	1		
Grant County.....	May 27-July 15....	28		
Hennepin County.....	May 1-July 22....	89		
Minneapolis.....	June 18-July 22....	59		
Houston County.....	May 1-July 22....	5		
Hubbard County.....	June 18-July 22....	3		
Isanti County.....	May 1-27.....	18		
Itasca County.....	May 6-Aug. 12.....	10		
Kandiyohi County.....	June 4-11.....	18		
Lac qui Parle County.....	Aug. 18-19.....	1		
Lake County.....	May 14-Aug. 19....	4		
McLeod County.....	May 27-July 8.....	16		
Meeker County.....	June 24-July 1.....	1		
Millelacs County.....	May 1-Aug. 12.....	3		
Morrison County.....	Apr. 30-Aug. 5.....	3		
Nicollet County.....	May 1-June 24....	8		
Nobles County.....	June 14-Aug. 12....	6		
Olmsted County.....	June 18-24.....	1		
Ottertail County.....	July 30-Aug. 5.....	4		
Pine County.....	May 28-June 3.....	1		
Polk County.....	June 18-24.....	1		
Ramsey County.....	May 1-July 29....	29		
St. Paul.....	June 18-Aug. 5.....	36		
Red Lake County.....	July 16-Aug. 19....	3		
Renville County.....	June 24-Aug. 19....	29		
St. Louis County.....	June 18-Aug. 15....	39		
Scott County.....	May 1-June 24....	22		
Sherburne County.....	May 14-20.....	1		
Stearns County.....	May 1-Aug. 19....	81		
Steele County.....	May 6-July 8.....	10		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Minnesota—Continued.				
Todd County	May 6-July 1	2	.....
Traverse County	May 6-13	8	.....
Wabasha County	May 1-June 24	2	.....
Waseca County	Aug. 12-19	1	.....
Washington County	May 1-June 24	15	.....
Stillwater	July 1-Aug. 31	5	.....
Watonwan County	June 18-24	1	.....
Wilkin County	May 1-20	18	.....
Wright County	June 18-Aug. 19	6	.....
Yellow Medicine County ..	May 1-June 24	2	.....
Total for State .....	.....	873	.....
Mississippi:				
Biloxi	May 1-31	1	.....	Imported.
Natchez	July 1-6	2	.....
Total for State .....	.....	3	.....
Missouri:				
St. Joseph	June 16-Nov. 2	30	.....
St. Louis	June 16-July 13	7	.....
Total for State .....	.....	37	.....
Montana:				
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-Aug. 31	1	.....
Flathead County	Apr. 1-30	1	.....
Gallatin County	May 1-June 30	2	.....
Granite County	May 1-Sept. 30	5	.....
Lewis and Clarke County ..	May 1-31	1	.....
Madison County	Feb. 1-18	1	.....
Meagher County	May 1-31	1	.....
Missoula County	Feb. 1-Sept. 30	19	.....
Park County	Mar. 1-July 30	25	.....
Rosebud County	July 1-Aug. 31	2	.....
Sanders County	Feb. 1-June 30	14	.....
Silverbow County	Feb. 1-Aug. 31	15	.....
Valley County	May 1-July 31	2	.....
Yellowstone County	May 1-July 31	14	.....
Total for State .....	.....	140	.....
Nebraska:				
Lincoln	Apr. 1-Aug. 31	98	.....
Omaha	Feb. 1-Sept. 30	44	.....
Total for State .....	.....	142	.....
New Hampshire:				
Franklin	Oct. 1-31	1	.....
Total for State .....	.....	1	.....
New Jersey:				
Carlstadt	Sept. 6	1	.....
Newark	July 1-Nov. 9	16	.....
West Hoboken	Apr. 1-Aug. 15	7	.....
Total for State .....	.....	24	.....
New York:				
Albany County	Aug. 1-31	2	.....
Allegany County	Jan. 1-Feb. 28	10	.....
Broome County	Jan. 1-Feb. 28	39	.....
Cattaraugus County	Apr. 1-June 30	12	.....
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-Sept. 7	5	.....

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
New York—Continued.				
Greene County	Jan. 1-Feb. 28	3		
Jefferson County	June 1-Aug. 31	29		
Lewis County	Aug. 1-Sept. 30	8		
New York County— New York	June 23-Aug. 10	3	2	
Niagara County— Niagara Falls	May 1-31	2		
Ontario County	Feb. 1-23	3		
Onondaga County— Syracuse	Aug. 7-Sept. 6	1		
Orange County	Feb. 1-Mar. 31	4		
Orleans County	June 1-30	1		
Rockland County	May 1-31	2		
St. Lawrence County	Apr. 1-May 31	2		
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		
Ulster County	Mar. 1-July 2	4		
Kingston	June 1-Sept 2	4		
Westchester County	Apr. 1-30	1		
Wyoming County	June 1-30	1		
Yates County	Mar. 1-Apr. 30	6		
Total for State		180	2	
North Carolina:				
Alamance County	May 1-Aug. 31	68		
Alexander County	May 1-31	1		
Beaufort County	May 1-31	1		
Bladen County	May 1-31	1		
Burke County	May 1-July 31	4		
Cabarrus County	May 1-Aug. 31	2		
Camden County	Aug. 1-31	7		
Chatham County	May 1-31	1		
Chowan County	May 1-Aug. 31	32		
Cleveland County	July 1-31			Present.
Columbus County	June 1-July 31	6		
Davidson County	May 1-31	12		
Davie County	May 1-Aug. 31	2		
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			Aug. 1-31. Present.
Nash County	May 1-Aug. 31	4		
New Hanover County, Wil- mington included.	May 1-July 10	11		
Orange County	July 1-Aug. 31	9		
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 1-31	2		
Union County	July 1-31	1		
Wake County	May 1-July 31	74		
Warren County	Aug. 1-31	3		
Watauga County	July 1-Aug. 31	15		
Wayne County	Aug. 1-31	1		
Total for State		461		
Ohio:				
Cleveland	June 22-23	4		
Cincinnati	June 30-Nov. 1	7		
Columbus	June 1-30	3		
Dayton	Aug. 25-Sept. 21	2		
Hamilton	Mar. 17-June 27	21		
Toledo	May 19-July 25	30		
Total for State		67		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Oregon:				
General	Mar. 1-31	15	1	
Baker County.....	Apr. 1-July 31	8		
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. 1-31	1		
Klamath County.....	Apr. 1-30	1		
Linn County.....	May 1-Aug. 31	5		
Marion County.....	May 1-31	1		
Multnomah County.....	Apr. 1-July 31	1		
Portland	May 1-Sept. 30	7		
Union County.....	Apr. 1-July 31	13		
Wasco County.....	Apr. 1-30	1		
Washington County.....	Apr. 1-May 31	2		
Total for State.....		61	1	
Pennsylvania:				
Homestead	June 8-21	2		
New Castle	June 1-30	8		
Oil City	July 3-13	2		
Philadelphia	July 7-13	1		
Spring City	Aug. 19-Sept. 6	1		
Total for State.....		9		
South Dakota:				
Sioux Falls	Aug. 11-24	2		
Total for State.....		2		
Tennessee:				
Memphis	June 23-July 13	8		
Nashville.....	June 24-Nov. 9	11		
Total for State.....		19		
Texas:				
Galveston	June 22-23	1		
Houston	Apr. 23-July 27	50	1	
San Antonio.....	June 16-Oct. 26	13		
Temple.....	Sept. 28	2		
Total for State.....		66	1	
Utah:				
Salt Lake County, Salt Lake City.....	June 1-Sept. '30	27		
Summit County	Sept. 1-30	5		
Uintah County	May 1-31	1		
Wasatch County.....	May 1-Sept. 30	25		
Weber County.....	June 1-30	3		
Total for State.....		64		
Vermont:				
Marshfield.....	July 15-Sept. 4	6		
West Berlin.....	Apr. 26-Aug. 20	43		
Total for State.....		49		
Virginia:				
Amherst County.....	Apr. 1-30	3		
Appomattox County	Apr. 1-May 31	5		
Bedford County	Apr. 1-30			Present.
Caroline County.....	Aug. 1-Sept. 30	7		
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-July 20	12		
Henry County.....	Aug. 1-31	4		
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		July 31, still present.
Smyth County.....	Apr. 1-Aug. 31	6		
Southampton County.....	May 1-31	4		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Virginia—Continued.				
Surry County	Apr. 1-30.....	1		
Tazewell County.....	Apr. 1-30.....	6		
Warwick County.....	May 1-31.....	2		
Wise County.....	July 1-Sept. 30.....	12		
York County.....	Apr. 1-30.....	5		
Total for State.....		198		
Washington:				
Fort Steilacoom	May 10-30.....	2		
Seattle.....	May 1-Aug. 31.....	67		
Spokane.....	June 16-Nov. 2.....	48		7 imported.
Tacoma.....	June 23-Oct. 26.....	10		
Total for State.....		127		
West Virginia:				
Ripley.....	May 25-Aug. 19.....	28		
Total for State.....		28		
Wisconsin:				
Ashland County.....	Apr. 1-Sept. 30.....	13		
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	1	
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-Nov. 2.....	5		
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-Oct. 29.....	48		
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.....	::		
Richland County.....	Apr. 1-30.....	3		
Rock County.....	June 1-July 31.....	11		
Shawano County.....	May 1-31.....	3		
Trompspeale 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.....	7		
Waushara County.....	May 1-July 31.....	9		
Wood County.....	Apr. 1-Aug. 31.....	9	1	
Total for State.....		517	2	
Grand total, United States.....		5,804	16	

Plague in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, August 12 to November 15, 1907.

Place.	Date.	Cases.	Deaths.	Remarks.
California:				
Berkeley	Sept. 1.....	1	1	
Oakland.....	Oct. 9-28.....	4	4	
San Francisco ^a	Aug. 12-Nov. 4....	84	54	Case Aug. 12 from ss. Samoa.
Washington:				
Seattle.....	Oct. 16-19.....	1	1	

^a 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 November 15, 1907.

Place.	Date.	Cases.	Deaths.	Remarks.
Florida:				
Fernandina	Oct. 17.....	^a 1	.....	On ss. Alf from Santiago.
Maryland:				
Baltimore.....	Sept. 1-7.....	1	1	At Baltimore quarantine station, from Norwegian ss. Aagot, from Daiquiri.

^a On subsequent observation proved not to be yellow fever.

FOREIGN AND INSULAR.

CURRENT QUARANTINE TRANSACTIONS.

[From the Veröffentlichungen des Kaiserlichen Gesundheitsamtes, Berlin, October 23, 1907.]

CHOLERA.

EGYPT.—October 9: Cholera regulations put in force against all arrivals from Russian ports of the Black Sea.

PORTUGAL.—October 8: Port of Moji in Japan declared cholera infected since August 29 and Russian ports of the Black Sea since September 1.

RUSSIA.—October 16: The city of Kief declared cholera infected and the governments of Kief, Ekaterinislaw, Cherson, Irkutsch, Podolia, and Tschernigow threatened with cholera. At Novorosysk the authorities have given clean bills of health since October 12.

PLAGUE.

AUSTRIA.—October 3: Arrivals from Oran subject to treatment under requirements of the circular of the maritime sanitary authorities of August 12.

BELGIUM.—October 8: Requirements of article 1, ordinance of April 5, 1897, put in force against arrivals from Oran. Arrivals by sea shall be subject at the quarantine stations of the Scheldt and at the ports of Ostend, Newport, and Zeebrugge, and at Salzaete, to requirements of chapters 2, 3, and 4 of the Venice International Sanitary Convention of March 19, 1897.

BULGARIA.—October 3: Oran declared plague infected.

DUTCH EAST INDIES.—August 29 and September 3: Quarantine measures against Porbander and Tellicherry (British East Indies) enforced; against Bahrein suspended.

EGYPT.—October 7: Arrivals from Mitylene subject to requirements of plague regulations at ports of Egypt.

FRANCE.—October 1: Vessels arriving at Marseille from Oran shall before unloading be subject to medical visit and measures for destruction of rats. At the city of Algiers cleaning of sewers and destruction of rats are ordered; also sanitary oversight of vessels arriving from Oran.

GERMAN EMPIRE.—October 18: The governments of the maritime states are ordered by circular to apply medical inspection to arrivals from Oran, and so to instruct the respective authorities.

ITALY.—October 15: Port of Mitylene declared plague infected.

AFRICA.

Report from Cape Town—Plague in the Colony—Examination of rodents for plague infection.

The following report on the outbreak of plague at King Williams Town is received from the medical officer of health for the Colony under date of September 30:

Week ended September 28.

Cathcart.—No case of plague was discovered during the week. At the plague hospital 2 cases remain under treatment.

King Williams Town.—No case of plague was discovered during the week. Seventy-nine rats (including 33 found dead) and 60 mice (including 13 found dead) were examined, of which 32 rats and 13 mice proved to be probably plague infected. One rat remains under bacteriological examination.

Of the 5 rats and 5 mice remaining under examination at the end of last week, 4 rats and 1 mouse proved to be plague infected and 2 mice probably plague infected.

Report from Algiers—Plague at Bon.

Information was received from the Department of State, November 9, of receipt of a dispatch from the consul at Algiers reporting the existence of plague at Bon.

Report on plague at Oran—Measures adopted to prevent spread.

Information is received from the Department of State, under date of November 6, that the following cablegram, dated October 17, has been received from the American ambassador at Paris:

The minister of foreign affairs informs me that several cases of plague were observed at Oran, Algeria, in the second fortnight of September. The cases confirmed after bacteriological examination numbered 5, of which 4 proved fatal—September 22, 24, 29, and October 7. These cases occurred among persons employed in the port and coincided exactly with a mortality of plague observed in rats. The most rigorous measures were concerted between the different local administrations to search for, examine, and destroy the animals. A special supervision is exercised in this respect on ships leaving the port. Individuals who are ill or who are suspects are immediately isolated.

October 11, a single patient remained under treatment in the isolated pavilion. The last entry dates back to October 6.

AUSTRALIA.

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

The following information is taken from plague bulletins issued by the department of health of Queensland and New South Wales and forwarded by Consul-General Bray, at Melbourne.

QUEENSLAND—Brisbane.—Week ended August 31. Rodents destroyed, 605; examined, 508; found infected, 1. Week ended Septem-

ber 7. Rodents destroyed, 475; examined, 376; found infected, 1. Week ended September 14. Rodents destroyed, 345; examined, 249; found infected, 0. No case of plague has occurred at Brisbane since July 26. Date of last infected rat found, September 4.

Cairns.—Fatal case of plague reported September 4. Type, bubonic. Infected rats found on premises. A second case of plague reported September 9, from the same area as that in which the first case occurred. A number of dead rats were found in this area, some of which were plague infected. The town is being thoroughly cleansed.

NEW SOUTH WALES—*Sydney.*—Week ended August 31. Rodents destroyed, 1,601; examined, 231; found infected, 14. Week ended September 7. Rodents destroyed, 1,628; examined, 446; found infected, 4. Week ended September 14. Rodents destroyed, 1,541; examined, 401; found infected, 3. Date of last infected rodent found, August 14. The 3 infected rodents were found at two different places.

BRITISH HONDURAS.

Report from Belize, fruit port.

Acting Assistant Surgeon Mengis reports as follows:

Week ended October 31. Present officially estimated population, 9,113. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health issued to the following-named vessel:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
Oct. 25	Preston	New Orleans	36	9	10	0

Aliens sailing for United States ports during week, 4.

CHINA.

Report from Hongkong—Quarantine restrictions—Plague.

Acting Assistant Surgeon Hough reports as follows:

Week ended September 7. Restrictions enforced by Hongkong remain as reported on August 17, 1907. Restrictions enforced against Hongkong remain as reported on August 17, 1907. Quarantinable disease: Plague, 5 cases, 5 deaths.

COLOMBIA.

Report from Cartagena—Inspection of vessels—Sanitary conditions—Smallpox

Acting Assistant Surgeon Jacobs reports, October 23:

Week ended October 22: Bill of health issued, United States, 1; passenger from this port, 1; passengers in transit, 3; members of crews, 58; immune certificate issued, 1.

Health conditions in Cartagena and surrounding country, good. Smallpox present.

COSTA RICA.

Report from Limon, fruit port.

Acting Assistant Surgeon Goodman reports as follows: Week ended October 26. Estimated population, 6,000. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected
Oct. 20	Venus	New Orleans	26	1	0	0
21	Siberia	New York	58	9	0	0
22	San Jose	Boston	45	1	0	0
23	Mobila	New Orleans	52	0	39	0
24	Vera	Philadelphia	23	0	0	0
24	Dictator	New Orleans	19	0	0	0
25	St. Ninian	Galveston	28	0	0	0
25	Pacuare	New York	54	0	0	0
25	Venezuela	Ponce, P. R	85	35	197	0
26	Chickahominy	New Orleans	46	1	0	0

CUBA.

Report from Cienfuegos—Yellow fever.

Acting Assistant Surgeon Marsillan reports:

November 8. Four cases of yellow fever confirmed to-day; 2 in the city, 2 from the surrounding country.

Reports from Habana—Inspection and fumigation of vessels—Yellow fever—Summary of yellow fever—Detentions at Triscornia, month of October, 1907.

Passed Assistant Surgeon Amesse reports, November 1 and 4:

Week ended November 2.

Vessels inspected and bills of health issued.....	23
Vessels not inspected and bills of health issued.....	5
Members of crews of outgoing vessels inspected.....	821
Members of crews of outgoing vessels not inspected.....	251
Passengers of outgoing vessels inspected.....	372
Passengers of outgoing vessels not inspected.....	162
Persons entering Triscornia for observation prior to sailing.....	61
Persons transferred from Triscornia to vessels.....	75
Certificates of immunity to yellow fever issued.....	29
Certificates of vaccination issued for Colon.....	15
Vessels fumigated prior to sailing.....	13

October 31. A case of yellow fever was reported at Guines, 30 miles south of Habana, and on November 1 another in this city. Both patients are Spaniards. The Habana case is that of a boy, age 17, two and one-half years' residence in Cuba, and for the past six months employed as a clerk in a small shop on Marquez Gonzales street. He was taken sick October 27 and isolated the following day at Benefica Hospital. Prophylactic measures were immediately instituted at both foci above reported.

A summary for the current year to date shows 132 cases of yellow fever and 37 deaths, with 4 cases under treatment.

November 6. One new case of yellow fever at Palos, Spaniard taken sick October 30.

November 9. One case of yellow fever at Bainoa, Habana Province.

Summary of detentions at Tricornia during the month of October, 1907.

During the month of October, 1907, there were detained at Tricornia, the following passengers: First cabin, 82; steerage, 234; total, 316.

Report from Matanzas—Inspection and fumigation of vessels—Yellow fever—Summary of transactions, month of October, 1907—Summary of yellow fever cases, city and province, October, 1907.

Acting Assistant Surgeon Nuñez reports, November 5:

Week ended November 2. Bills of health were granted to 3 vessels, all of which were fumigated, as follows: October 28, the American tugboat *Edgar T. Coney*, with a crew of 12, no passengers, bound to Brunswick, Ga.; October 30, the Norwegian steamship *Times*, having 24 in the crew, no passengers, destined for Mobile, Ala.; November 2, the Spanish steamship *Catalina*, with 54 in the crew and 1 passenger in transit, clearing for New Orleans. There was no sickness on either vessel up to the time of inspection.

Two cases of yellow fever ending in death were reported during the past week, of which 1 occurred October 28, at Vieja Bermeja, near Alacranes, and was transferred, for isolation and treatment, to the latter town, where the patient, a young man 18 years old, native of the Canary Islands and of six years' residence in Cuba, died November 1. This office was informed by wire of this case through Passed Assistant Surgeon Amesse. The second case is the first to develop in this city from a local focus of infection since I took charge of the station in 1903.

The contagion in the 2 previous cases occurring in town was conveyed in the first case from Habana, during the period of incubation, and in the second it was carried from Union de Reyes to Mocha and thence to Matanzas, the patient arriving already attacked with the disease. The case alluded to developed in a person 30 years old, a native of Barcelona, Spain, who arrived in Cuba about 6 months ago. After spending a few days in Habana he came to this city, where he had since been living on San Francisco street, in the vicinity of the Sabanilla Railway station, and at the Hotel Paris, in the local district known as Pueblo Nuevo. He secured employment at the Banco Nacional de Cuba and was working there during the daytime until his sickness appeared. The bank referred to is located on the north side of the San Juan River and within 3 blocks of the city park. Three months ago this man visited Habana and he had not left this city since, nor did he remember visiting any sick friend recently within his neighborhood or in any other section of town. A careful investigation made from house to house in that zone has also failed to discover the origin of the infection. The patient was taken sick at his residence October 25, and was not considered suspicious by his

attending physician until October 28, when he was transferred, well covered with a mosquito net, to the protected ward of the city hospital. He showed a typical case of the disease, with albuminuria, jaundice of the conjunctivæ, and black vomit, with tarry stools. The patient died with uræmic convulsions.

The house where the patient lived and the adjoining residences, as well as the Hotel Paris and Banco Nacional, have been fumigated, and a close inspection is being carried out in the known infected neighborhood to prevent the spread of the disease.

No new cases have been reported up to my present writing.

During the month of October last 14 bills of health were granted to vessels leaving for United States ports, having a total number of 321 members of crews and 5 passengers in transit; 4 health and acclimation certificates were granted to passengers bound for the United States via Habana, and 7 vessels destined for southern ports were fumigated. No vessel arrived in this harbor with any quarantinable disease on board.

There were no transactions for the Canal Zone nor for the Republic of Panama.

The following cases and deaths of yellow fever were reported in the province and city during the past month: October 1, 1 case at Alacranes, ending in recovery; October 16, 2 cases at a plantation colony near Union de Reyes (with unknown results); October 18, 1 case at Alacranes, ending fatally; October 28, 1 case at Alacranes, imported from Vieja Bermeja, a neighboring town (case died); and October 30, 1 case originating in the city of Matanzas and ending fatally. Total number of cases reported, 6, with 3 deaths.

Report from Santiago—Inspection and fumigation of vessels.

Acting Assistant Surgeon Wilson reports, October 29:

Week ended October 26. Bills of health were issued to five vessels bound for the United States. The schooner *Albert D. Mills*, bound for Mobile, was fumigated to kill mosquitoes. No quarantinable disease has been reported.

GERMANY.

Report from Berlin—Status of cholera in Russia.

The following is received from Consul-General Thackara, under date of October 26:

According to the statistics published by the Russian Government in its official gazette, the *Regierungsbote*, and reprinted in the weekly bulletin of the imperial health office at Berlin, there were registered in the whole of the Russian Empire during the period from October 2 to 12, inclusive, 1,174 fresh cases of cholera and 499 deaths. On October 13 there were 31 more cases said to have occurred, with 11 deaths, but the returns from various governmental districts for that day had not yet been received. Of the 1,174 cases and 437 deaths, 359 cases and 156 deaths occurred in the Volga governmental districts of Astrachan, Saratow, Samara, Simbirsk, Kasan, Nishni-Novgorod, and Kostroma; 120 cases, with 63 deaths, in the southern governmental districts, Tschernigow, Jekaterinoslaw, Don Kosack territory, and the city of Rostow; 97 cases and 14 deaths in the southwestern govern-

ment district, the city of Kief; 25 cases and 14 deaths in the central governmental districts, Pensa; 9 cases, with 3 deaths, in the northern district, governmental district of Watka; 13 cases, with 7 deaths, in the Caucasus, city of Baku; 260 cases, with 150 deaths, in Siberia, governmental districts of Irkutsk, Tomsk, Tobolsk, and Jenisseisk; 291 cases, with 92 deaths, in the central Asiatic territory, Akmolinsk.

GUATEMALA.

Report from Livingston—Inspection of vessels.

Acting Assistant Surgeon Wailes reports as follows:

Week ended October 30. General sanitary condition of this port and the surrounding country during the week, good. No quarantinable disease.

Bill of health issued to the following-named vessel:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
Oct. 29 30	Belize	New Orleans. Mobile				

Report from Puerto Barrios—Inspection of vessels.

Acting Assistant Surgeon Wailes reports as follows:

Week ended October 29. Present officially estimated population, 3,500. General sanitary condition of this port and the surrounding country during the week, good. No quarantinable disease.

Bill of health issued to the following-named vessel:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected
Oct. 29	Bluefield	New Orleans				

HAWAII.

Report from Honolulu—Examination of rats for plague infection.

Passed Assistant Surgeon Currie reports that during the week ended October 19, 122 rats were examined bacteriologically at the plague laboratory of the Service at Honolulu. Plague infection was not proven in any of the rats examined.

HONDURAS.

Report from Ceiba, fruit port.

Acting Assistant Surgeon Reynolds reports as follows:

Week ended October 27. Present officially estimated population, 6,500. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
Oct. 22	Habil.....	15	0	0	0
24	Helen.....	22	1	0	0
25	Orleanian.....	32	0	0	0
26	Hispania.....	20	0	0	0
26	Jos. Vaccaro.....	34	4	0	0

Reports from Puerto Cortez, fruit port—Stegomyia calopus not numerous.

Acting Assistant Surgeon Ames reports as follows:

Week ended October 26. Estimated population, 2,400. General sanitary condition of this port and the surrounding country during the week, good. *Stegomyia calopus* and *Anopheles* present, but not numerous.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
Oct. 20	España.....	14	2	0	0
23	Utstein.....	17	0	0	0
24	Harald.....	15	12	0	0
25	Mercator.....	18	2	0	0

Week ended October 31. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
Oct. 30	Hiram.....	15	2	0	0
31	Bluefields.....	26	1	23	0
31	Banan.....	17	1	0	0

Reports from Tela—Inspection of vessels.

Acting Assistant Surgeon Roe reports as follows:

Week ended October 26. Present officially estimated population, about 1,250. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
Oct. 22	Harald.....	New Orleans.....	18	0	0	0
22	Helen.....	Mobile.....	22	0	0	0
24	Jos. Vaccaro.....	New Orleans.....	34	0	0	0
24	Orleanian.....	do.....	32	0	0	0

Week ended October 26 to 31. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health issued to the following-named vessel:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
Oct. 31	Rosina	New Orleans	34	2	0

ITALY.

Report from Naples—Inspection of vessels—Emigrants recommended for rejection—Smallpox in Italy.

Passed Assistant Surgeon McLaughlin reports, October 21:

Vessels inspected at Naples, Messina, and Palermo, week ended October 19.

NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of large baggage inspected and passed.	Pieces of baggage disinfected.
Oct. 14	Europa	New York	1,472	130	1,900
14	San Giovanni	do	226	35	380
18	Algeria	do	275	50	480
18	Cretic	do	928	180	1,350
19	Hamburg	do	629	190	1,250
19	Liguria	do	844	160	1,300
	Total		4,374	745	6,660

MESSINA.

Oct. 15	San Giovanni	New York	116	81	194
---------	--------------------	----------------	-----	----	-----

PALERMO.

Oct. 16	San Giovanni	New York	217	550	238
19	Algeria	do	387	497	117
	Total		604	1,047	355

Rejections recommended.

NAPLES.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Suspected favus.	Other causes.	Total.
Oct. 14	Europa	47	3	38	1	11	100
14	San Giovanni	14		4		1	19
18	Algeria	14		10		1	25
18	Cretic	14	2	20		8	44
19	Hamburg	26	1	13		1	41
19	Liguria	34	1	30		3	68
	Total	149	7	115	1	25	297

Rejections recommended—Continued.

MESSINA.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Suspected favus.	Other causes.	Total.
Oct. 15	San Giovanni	12	.....	.....	.....	.....	12

PALERMO.

Oct. 16	San Giovanni.....	15	.....	22	.....	1	38
19	Algeria.....	10	.....	20	.....	1	31
	Total	25	.....	42	.....	2	69

Smallpox.—Week ended October 17. Cases: Pontedassio (Port Maurizio), 1; Narni (Perugia), 4; Pietragallo, 10; Oliveto Lucano, 1; Palazzo S. Gervasio (Potenza), 2; Curinga (Catanzaro), 1; Alcamo (Trapani), 11.

Week ended October 24. Cases: Resuttano (Cattanisetta), 1; Pietragallo, 4; Palmira (Potenza), 2.

JAPAN.

Reports from Yokohama—Inspection of vessels—Status of cholera.

Acting Assistant Surgeon Tripler reports, October 12 and 16:

Week ended October 5. Bills of health were issued to 5 vessels, having an aggregate personnel of 665 passengers and 547 crew, of which 2 were bound for Puget Sound ports, 1 each to Manila and to San Francisco via Honolulu, and another, a schooner, to Guam.

The number of new cases of cholera is 19, as against 9 of the preceding week, thus showing an increase of 10, and consists of persons who have been directly connected with the shipping from infected ports or those who have been associated with them.

Week ended October 12. Bills of health were issued to 4 vessels having an aggregate personnel of 418 and 219 crew, of which 2 were bound for New York, 1 to Guam, and 1 to San Francisco via Honolulu.

The cholera reports for the week show a marked decrease, only 13 new cases having developed during that period. The epidemic is reported to be over in Shanghai and Moji, but continues to be violent in Kobe and Osaka.

Emigrants recommended for rejection.

Number of emigrants, per steamship *Asia*, recommended, October 12, for rejection: For Honolulu, 31; for San Francisco, 1. Advised to wait, 1. Per steamship *Iyo Maru*, October 16: For Seattle, 19. Advised to wait, 19. Of these rejections all were for trachoma.

Report from Kobe—Inspection and fumigation of vessels—Decrease of cholera at Kobe—Cholera and plague at Osaka—Method of emigrant inspection and detention at Ono.

Acting Assistant Surgeon Ransom reports, October 8:

Week ended October 5. One original and 3 supplemental bills of health were granted to 4 steamships with an aggregate personnel of 478, and there were inspected 4 vessels, 313 crew and 110 steerage passengers. One vessel was fumigated to kill rats, and 26 crew were bathed and their effects disinfected by steam. No emigration examinations were made during the week.

The cholera epidemic in Kobe continues its downward tendency, there having been during the week just ended 74 cases of that disease with 21 deaths, as compared with 103 cases and 31 deaths during the previous week.

During the week ended September 28 there were reported in Osaka 7 cases and 7 deaths from plague and 63 cases and 46 deaths from cholera.

The disinfecting plant at Ono, where the work for the Service at this port is done, has been converted into a quarantine station in accordance with my plans and suggestions. Suitable barracks, kitchen, and eating houses have been erected, where all steerage passengers intending to sail by vessels bound to the United States, etc., are accommodated in groups of 20 to each room, and held under observation for 5 days prior to embarkation.

These people are first examined by me for trachoma, favus, etc., and those passed are bathed and all of their effects disinfected by steam. The baggage is then stored in a clean room under lock and key, and the emigrants themselves are admitted to the barracks. No further contact is allowed between them and the outside prior to being placed on board. The period of observation begins after the disinfection and admission to barracks, and a daily inspection of the entire place and personnel is made by me at various hours. The barracks are thoroughly cleaned and disinfected between each set of occupants.

Report from Nagasaki—Emigrants recommended for rejection.

Sanitary Inspector Bowie reports:

October 4. Number of emigrants per steamship *Asia* recommended for rejection, 31.

MEXICO.

Report from Progreso—Sanitary conditions good—Inspection and fumigation of vessels.

Acting Assistant Surgeon Harrison reports, October 19:

Week ended October 19. No quarantinable disease has appeared, and the general sanitary conditions are good. During the week 4 steamships cleared for the United States, with 64 passengers from this port and 197 persons in the crews. Of these, 2 sailing for Gulf ports were fumigated.

Report from Veracruz—Inspection and fumigation of vessels.

Acting Assistant Surgeon Frick reports, October 28:

Week ended October 26. October 22 fumigated the British steamship *Rosa Lea*, bound for Pensacola, with 24 in the crew; vessel sails in ballast. Fumigated the Mexican steamship *Oaxaca*, bound for Mobile, with 26 in the crew; vessel sails in ballast.

October 24 inspected the American steamship *Merida*, bound for New York via Progreso and Habana, with 127 in the crew, 100 cabin and 20 steerage passengers; vessel sails in a general cargo. Fumigated the Norwegian steamship *City of Tampico*, bound for New Orleans, with 21 in the crew and 1 passenger; vessel sails in a small general cargo and fruit.

October 25 inspected the American schooner *Nan M. Dantzler*, bound for Pascagoula, with 8 in the crew; vessel sailed in ballast October 26.

October 26 fumigated the British steamship *Rosebank*, bound for Port Arthur, with 27 in the crew; vessel sails in ballast.

Fumigated the British steamship *Barbadian*, bound for New Orleans, with 47 in the crew and 1 passenger. Vessel sails in a small cargo of cotton-seed oil cake from Tampico for Liverpool.

Inspected the Spanish steamship *Antonio Lopez*, bound for New York via Habana, with 134 in the crew, 34 cabin and 24 steerage passengers; vessel sails in a general cargo for Spanish ports.

No quarantinable disease was reported during the week.

PANAMA.

Report from Bocas del Toro, fruit port.

Acting Assistant Surgeon Osterhout reports as follows:

Week ended October 27. Present officially estimated population, 4,954. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
Oct. 23	Mount Vernon	Mobile	20	1	0	0
23	Fort Gaines	do.	24	0	0	0
27	Greenbrier	New Orleans.....	45	3	0	0

PERU.

Report from Callao—Inspection of vessels—Plague in Peru—Small-pox at Lima, and at Iquique, Chile—Vigorous measures instituted at Callao against plague.

Assistant Surgeon Wightman reports, October 13:

Week ended October 12. Vessels dispatched as follows: The German steamship *Istria*, October 10, for San Francisco, Cal., with a general cargo and a total personnel of 57, of whom 2 members of crew and 2 cabin passengers were from this port. The Chilean steamship

Huasco, October 12, for Ancon, Canal Zone, with a general cargo and a total personnel of 207, of whom 6 members of crew, 45 cabin and 55 steerage passengers were from this port. The British steamship *Cuzco*, October 12, for New York, with general cargo and a total personnel of 56; none from this port. All three vessels were fumigated.

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

Locality.	Cases October 2.	New.	Recov- ered.	Died.	Remain- ing Octo- ber 9.
Lima		1			1
Callao	3	1			4
Trujillo.....	8	1	2?	1?	5
Piura	1				1
San Pedro	1		1		
Paita	3		2		1
Mollendo.....	1				1

Smallpox continues in Lima.

Except for smallpox in Iquique no quarantinable disease is reported by bills of health from Chile.

Since the beginning of the month more vigorous measures have been instituted against plague. A house of detention for contacts and suspects has been begun, and 185 houses have been disinfected.

PHILIPPINE ISLANDS.

Reports from Manila—Inspection of vessels—Increase in cholera at Manila—Outbreak of plague in island of Leyte stamped out—Cholera in island of Masbate—Circular relative to interisland quarantine.

Chief Quarantine Officer Heiser reports, September 20, 27, and October 1:

Week ended September 14. Quarantinable diseases were reported for the city of Manila as follows: *Cholera*—6 cases, 4 deaths. *Smallpox*—1 case, no deaths.

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

September 10 the British steamer *Tsinan*, with 69 crew and 6 passengers, en route from Yokohama to Zamboanga, was granted a supplemental bill of health.

September 13 the Norwegian steamer *Opland*, with 26 crew, en route from Singapore to Cebu via Iloilo, was granted a supplemental bill of health.

Week ended September 21. Quarantinable diseases reported for the city of Manila as follows:

Cholera.—11 cases, 9 deaths. *Smallpox*.—1 case, 0 deaths.

During the week covered by this report there has been a slight increase in the number of cholera cases occurring in the city of Manila, but the disease still takes the sporadic form and shows no tendency to become epidemic.

The outbreak of cholera in the island of Leyte, more particularly in the town of Carigara, of which mention was made in the report for the week ended August 31, 1907,^a has been completely stamped out,

^a See Public Health Reports, October 25, 1907, page 1534.

no cases having occurred for more than twelve days. The presence of the disease at Mandaon, Masbate, has been confirmed, but up to the present time only a few cases per day have occurred. The section infected is so remote that no serious difficulty in confining it to Mandaon is anticipated.

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

September 15, 1907, the U. S. army transport *Logan*, with 185 crew and 809 passengers, was granted a bill of health to San Francisco via Nagasaki and Honolulu. Crew and steerage passengers were bathed, and their effects and baggage disinfected. All persons on board were inspected at the hour of sailing. September 16 the American steamer *Mauban*, with 48 crew, en route from Cochin China ports to Cebu, was granted a supplemental bill of health. Crew were held in quarantine while vessel was in port. September 19 the British steamer *Satsuma*, with 51 crew, en route from Yokohama to New York, was granted a supplemental bill of health after inspection of personnel and cargo.

September 20 the British steamer *Den of Kelly*, with 53 crew, was granted a consular bill of health for New York via Cebu after the usual inspection of cargo and personnel.

Week ended September 28. Quarantinable disease reported for the city of Manila as follows:

Cholera.—Twenty-three cases, 27 deaths.

During the week there has been a still further increase in the number of cholera cases reported in the city of Manila, the total being 23 cases and 27 deaths. It is now believed that the majority of cases can be traced to the practice of the local vegetable gardeners using human excrement for fertilizing purposes. Two such offenders were detected during the week and convicted in the court according to an act of the Commission which forbids this practice. Owing to the increase in the number of cases, it was deemed advisable in order to prevent the spread of the disease to other islands to institute an outgoing quarantine inspection of all vessels leaving the port of Manila.

During the week vessels were granted consular bills of health as follows:

September 25, the U. S. army transport *Dix*, with 148 crew and 2 passengers, was granted a bill of health for Seattle via Olongapo. Personnel were inspected at the hour of sailing. September 26, the U. S. army transport *Buford*, with 145 crew and 70 cabin passengers, was granted a bill of health for San Francisco via Nagasaki and Honolulu. All persons on board inspected at the hour of sailing. Baggage and cargo inspected, and either passed or disinfected. September 27, the German steamer *Sambria*, with 46 crew, was granted a bill of health for Cebu, after the usual inspection.

[Inclosure.]

Circular letter.]

MANILA, P. I., September 25, 1907.

To the masters and agents of vessels and others concerned.

Sms: Owing to the presence of cholera in Manila, all vessels leaving Manila for other ports in the Philippine Islands must comply with the following regulations before they can be permitted to sail:

The master of each vessel will secure a bill of health at the quarantine office, custom-house, and also bind himself to proceed to the quarantine station at

either Iloilo, Cebu, or Manila in the event of any suspicious sickness occurring on board his vessel at any time during the voyage; and to allow no green vegetables or other prohibited articles to be brought aboard his vessel at Manila.

After obtaining a bill of health each vessel, with all cargo, crew, and passengers aboard, will proceed to Manila Bay and anchor well removed from the shipping of the port. After anchoring the vessel will fly the quarantine flag and await inspection by the quarantine officer, who will board the vessel as soon as practicable, and, if the result of the inspection is satisfactory, the vessel will be permitted to proceed without further detention, provided that vessels which desire to take water at Mariveles quarantine station may be inspected there.

If the master of a vessel refuses to comply with the foregoing provisions, or the inspection of the vessel is not satisfactory, such vessel will be quarantined at Mariveles before being allowed to sail.

The foregoing takes effect at once.

Respectfully,

VICTOR G. HEISER,
Passed Assistant Surgeon, United States Public Health and Marine-
Hospital Service, Chief Quarantine Officer for Philippine Islands.

RUSSIA.

Reports from St. Petersburg—Status of cholera in Russia.

The following is received from Chargé d'Affaires Schuyler, under dates of October 11 and 17:

According to a communication received from the foreign office 911 cases of cholera were reported between September 18 and 24, distributed through various parts of Russia. The cities of Nijni-Novgorod, Omsk, and Kostroma are declared infected, while the cities of Rostoff-on-Don and Katarinoslaw, the city and district of Elisabethpol, the territory of Akmolinsk, and the territory around the Chinese Eastern Railway are declared threatened with cholera. Ships leaving all Black Sea ports are required to undergo medical inspection.

October 17. According to a communication received from the foreign office 714 cases of cholera were reported between September 25 and October 1, distributed through various parts of Russia. The government of Tomsk and the territory of Semipalatinsk are declared to be threatened with the epidemic.

WEST INDIES.

Report from Bridgetown, Barbados—Inspection of vessels—Sanitary conditions good.

Acting Assistant Surgeon Urquhart reports, October 26:

Week ended October 26. Bills of health issued as follows: Steamship *Sieglinde*, from Santos to New York; steamship *Soldier Prince*, from Santos to New York; steamship *Emma Parker*, from Bahia Blanca to Pensacola; steamship *Craigard*, from La Plata to Savannah; steamship *Horatius*, from Rosario to New York; steamship *Mariana*, from Rio de Janeiro to New Orleans; steamship *Harvest Queen*, from Rio de Janeiro to Pensacola, and steamship *Madeirense*, from Maranham to New York.

Total number of members of crews, 238; passengers, 59. Sanitary condition of vessels, cargoes, crews, and passengers, good. The

steamship *Craigard* was fumigated; the *Emma Parker*, *Craigard*, *Mariana*, and *Harvest Queen* were in ballast; the others were in general cargo. The sanitary condition of this port remains good, no quarantinable diseases being reported for the port or island.

Report from Castries, St. Lucia Island—Sanitary conditions.

Acting Assistant Surgeon Maylie reports, October 14 and 19: Weeks ended October 12 and 19. Sanitary condition of this port and vicinity good; no quarantinable diseases exist.

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

AFRICA—Lourenço Marquez.—Month of August, 1907. Estimated population, 10,000. Total number of deaths, 51, including smallpox 2, whooping cough 1, and 8 from tuberculosis.

Sierra Leone—Freetown.—Month of September, 1907. Estimated population, 40,000. Total number of deaths not reported. No deaths from contagious diseases reported.

ARGENTINA—Buenos Aires.—Month of August, 1907. Estimated population, 1,100,512. Total number of deaths, 1,603, including diphtheria 11, enteric fever 8, leprosy 1, scarlet fever 4, measles 15, smallpox 3, whooping cough 4, and 215 from tuberculosis.

AUSTRALIA—Queensland—Brisbane.—Month of August, 1907. Estimated population, 132,468. Total number of deaths, 182, including diphtheria 1, enteric fever 1, measles 1, whooping cough 6, and tuberculosis 12.

State of Victoria, including the city of Melbourne.—Quarter ended June 30, 1907. Estimated population, 1,237,998. Total number of deaths, 3,391.

BRAZIL—Ceara.—Month of September, 1907. Estimated population, 50,000. Total number of deaths, 89, including 5 from whooping cough.

Pernambuco.—Two weeks ended August 31, 1907. Estimated population, 210,000. Total number of deaths, 365, including smallpox 96, plague 1, malarial fever 14, leprosy 1, and 69 from tuberculosis.

CANADA—Quebec—Sherbrooke.—Month of October, 1907. Estimated population, 14,700. Total number of deaths, 13, including enteric fever 2 and 2 from tuberculosis.

DUTCH GUIANA—Paramaribo.—Month of September, 1907. Estimated population, 34,085. Total number of deaths, 90. No deaths from contagious diseases reported. Malarial fever prevalent.

GREAT BRITAIN—England and Wales.—The deaths registered in 76 great towns in England and Wales during the week ended October

19, 1907, correspond to an annual rate of 15.7 per 1,000 of population, which is estimated at 16,024,458.

London.—One thousand two hundred and seventy deaths were registered during the week, including measles 9, scarlet fever 25, diphtheria 13, enteric fever 6, whooping cough 19, tuberculosis 157, and 88 from diarrhea. The deaths from all causes correspond to an annual rate of 13.9 per 1,000. In Greater London 1,790 deaths were registered. In the "outer ring" the deaths included 2 from diphtheria.

Ireland.—The average annual death rate represented by the deaths registered during the week ended October 19, 1907, in the 21 principal town districts of Ireland was 19.7 per 1,000 of the population, which is estimated at 1,117,547. The lowest rate was recorded in Dundalk, viz, 4.0, and the highest in Clomnel, viz, 35.9 per 1,000. In Dublin and suburbs 164 deaths were registered, including scarlet fever 1, enteric fever 1, whooping cough 2, and 32 from tuberculosis.

Scotland.—The deaths registered in 8 principal towns during the week ended October 19, 1907, correspond to an annual rate of 14.0 per 1,000 of the population, which is estimated at 1,812,171. The highest rate of mortality was recorded in Perth, viz, 24.0, and the lowest in Aberdeen, viz, 11.7 per 1,000. The aggregate number of deaths registered from all causes was 486, including diphtheria 8, scarlet fever 3, enteric fever 3, measles 8, and 6 from whooping cough.

JAPAN—Formosa.—Three weeks ended October 5, 1907. Estimated population, 3,050,004. Total number of deaths not reported. Five deaths from enteric fever.

ST. HELENA.—Four weeks ended October 12, 1907. Estimated population, 3,500. Total number of deaths 5, including 1 from enteric fever.

VENEZUELA—Puerto Cabello.—Month of September, 1907. Estimated population, 14,000. Total number of deaths 35, including 8 from tuberculosis.

WEST INDIES—Curaçao.—Two weeks ended October 25, 1907. Estimated population, 31,600. Total number of deaths, 13. No deaths from contagious diseases reported.

St. Christopher.—Two weeks ended October 19, 1907. Estimated population, 49,289. Total number of deaths, 47.

Cholera, yellow fever, plague, and smallpox from June 28 to November 15, 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.]

CHOLEERA.

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	
Shanghai	Aug. 4-Sept. 29	a 23	467	
Shanhaikwan	Sept. 2			Present on R. R. to Tongshan.
Tientsin	Aug. 15-Sept. 14		10	3 cases and 2 deaths from steamship from Shanghai.
India				Burma Province, 1906, 7,872 deaths.
Bombay	May 29-Oct. 15		378	
Calcutta	May 12-Sept. 21		711	
Cochin	May 4-Sept. 6		81	
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-Oct. 11		573	
Moulmine	May 5-July 27	42	1	
Rangoon	May 12-Sept. 28		37	
Japan:				
Ehime Ken	Sept. 1-13	2		
Formosa	Sept. 8-Oct. 5	2	1	
Fukuoka Ken	Aug. 19-Sept. 13	687		
Moji	Aug. 19-Sept. 14	463	400	And 83 cases in vicinity Sept. 9.
Hiroshima Ken	Sept. 1-13	7		
Hyogo Ken	Aug. 24-Sept. 13	102		
Kobe	Aug. 24-Oct. 5	376	119	
Kagawa Ken	Sept. 1-13	1		
Nagasaki Ken	Aug. 30-Sept. 13	25	2	Imported from Moji.
Nagatsu	Aug. 31			14 cases daily.
Nara	Sept. 1	1		
Ohita Ken	Sept. 1-13	57		
Okayama	Sept. 1-13	9		
Okugori	Sept. 1-9	27		
Osaka	Aug. 24-Sept. 28	133	98	
Saga Ken	Sept. 1-13	1		
Saseho	Sept. 1			Present.
Wakama Ken	Sept. 1-13	1		
Yamaguchi Ken	Sept. 1-13	225		
Shimonoseki	Aug. 4-Sept. 13	69	41	Case Aug. 10 from ss. Hakaual Maru. Present also in vicinity.
Yokohama	July 28-Oct. 12	53	27	5 cases, 3 deaths July 28-Aug. 3 from ss. Yamashiro Maru; 1 case Sept. 1 from vessel Takasago Maru.
Korea				Present in northern part.
Nakanoshima Island	Sept. 11			
Seoul	Sept. 11	11	2	
Sept. 25				Present.
Manchuria:				
Antung	Oct. 21			Do.
Dalny	Sept. 15-28	8	4	Japanese.
Port Arthur	Sept. 15-24	4	4	Do.
Philippine Islands:				
Manila	July 14-Sept. 28	49	47	
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.
Leyte, Carigara	Aug. 31			2 cases daily.
Masbate, Mandaon	To Sept. 21			Present.
Russia:				
General	Sept. 11-Oct. 12	3,634	1,698	
Amolinsk Territory	Aug. 21-Oct. 12	300	104	
Archiereiski-Passelok	Aug. 19			Do.
Astrachan, govt. district	July 14-Oct. 12	2,210	1,099	Sept. 1 to 9 present at Balochna, Busulusk. and Novootzensk.
Astrachan	Sept. 5-17	481	285	
Jenotajewsk district	Aug. 22-25	1		
Zarew district	Aug. 22-25	3	12	

a Cases among foreigners, deaths among natives.

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

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Russia—Continued.				
Ataman-Stanitzza	Aug. 19			Present.
Baku	Aug. 25-Oct. 12	33	12	
Don district	Sept. 7			Do.
Elizabethphol district	Sept. 18-24			Do.
Jaroslaw	July 14-Sept. 17	8	2	
Jurino	Aug. 26	2		
Kamyschin	Sept. 1-9			Do.
Katerinislow	Sept. 16-24	2		
Kazan, govt	Sept. 3-10	21	1	
Kief	Sept. 22-Oct. 10	97	10	
Kostroma, govt	Aug. 21-Sept. 18	38	18	
Kursk	Sept. 9	1	1	
Lodz	Sept. 8	1		
Melekes	Aug. 25	6	2	
Moscow	Aug. 31-Sept. 8	1		Imported from Saratov.
Nikolajweski	Aug. 25	12	8	
Nizhni-Novgorod	Aug. 26-Sept. 19	225	108	
Omask	Sept. 16-24			Present.
Penza, govt	Aug. 21-Oct. 12	33	19	
Perm	Aug. 24-Sept. 19	34	13	
Rostow	Sept. 19-Oct. 4	32	28	And vicinity, 120 cases and 63 deaths, Oct. 2-12.
Riäsan	Sept. 1-9			Present.
St. Petersburg	Aug. 18-Sept. 7	28	18	
Samara, govt. district	July 16-Sept. 3	344	237	
Samara	July 14-Sept. 9	267	127	
Saratov, govt.	July 16-Sept. 19	513	258	Do.
Siberia, govt. district	Oct. 2-12	260	150	
Simbirsk, govt.	July 7-Sept. 18	100	35	
Stavropol	July 28-Aug. 5	3		To Sept. 1. Still present.
Syr-Darja, govt.	Sept. 16	1	1	
Tobolsk	Sept. 1-9			Present.
Vladimir, govt.	Aug. 21-Sept. 3	1	1	
Wiatka	Sept. 1-Oct. 12	10	4	Do.
Zarazyn	Sept. 1-16	110	47	
Siam:				
Bangkok	Aug. 1-31	17	12	
Straits Settlements:				
Penang	Sept. 15-Oct. 5	2	1	
Singapore	June 9-Sept. 21		144	

YELLOW FEVER.

Brazil:				
Manaos	May 25-Oct. 12		30	
Para	June 9-Oct. 19	61	47	
Rio de Janeiro	May 13-Sept. 22	19	13	
Colombia:				
Barranquilla	May 21-27		1	
Costa Rica:				
San José	Sept. 24	1		From vicinity of San Mateo.
San Mateo	To Aug. 31	1	1	
Cuba:				
Camaguey Province—				
Ciego de Avilla	Nov. 5	1	1	
Habana Province—				
Bainoa	Nov. 9	1		
Campo Florido	Aug. 23-Oct. 11	3	2	
Guines	Oct. 31-Nov. 4	1	1	
Habana	June 25-Oct. 27	11	2	Case June 25 from Union de Reyes; 6 cases from Aug. 30 to Oct. 27 in Habana; 2 cases Sept. 10 and 14 from Palos; cases Oct. 1 and 16 from Cienfuegos
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. 2	5	2	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	Sept. 29	1	1	
Santa Clara Province				
.....	Oct. 7			Present at Central Soledad, Camarones, Cannao. Costillo de Jagua, Guanós.

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

YELLOW FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Cuba—Continued.				
Santa Clara Province—Continued.				
Manacas	Oct. 1-7	1	.....
Santa Clara	Sept. 18—Oct. 16	2	.....
Cienfuegos	Aug. 3—Nov. 8	74	19	10 cases among troops. 1 death Sept. 30 at Rodas.
Santiago Province—				
Gibara	Sept. 12	1	.....	From ss. Galveston from Guanto, Venezuela.
Santiago	July 5—Oct. 16	2	.....	From ss. Puerto Rico. Origin, Union de Reyes.
Ecuador:				
Guayaquil	May 26—Sept. 21 .....	.....	12	
Guatemala:				
Puerto Barrios	June 27	1	.....
Mexico:				
Manzanillo	Aug. 17	1	.....	On ss. San Juan.
Veracruz	Sept. 5	1	.....
Panama:				
Aneon	July 4	1	.....	From ss. Sidney.
West Indies:				
Barbados—Bridgetown	Aug. 4-10	1	.....	Imported on ss. Atrato from Trinidad.
Trinidad—Port of Spain	June 1—Aug. 24	17	6	

PLAGUE.

Africa:				
British South Africa—				
King Williams Town	May 24—Aug. 1	7	1	Case July 30 to Aug. 1 from Dubus Location.
Izell 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	
Algeria:				
Bon	Nov. 9 .....	.....	.....	Present.
Oran	Sept. 30—Oct. 6	18	4	Bacteriologically verified to Oct. 7, 5 cases; 4 deaths.
Arabia:				
Djeddah	May 30	1	1	From Jan. 1 to May 30, 366 cases and 354 deaths, native population; May 23, 8 cases on ss. Moshitari occurred on voyage from Bahrein Islands and Bassorah.
Argentina:				
Cordova	June 4 .....	.....	.....	Present.
Australia:				
Brisbane	May 20—July 25	7	5	
Cairns	Sept. 4-9	2	1	
Melbourne	May 17-21	1	1	From ss. Arawatta.
Sydney	May 11—June 1	2	2	
Brazil:				
Bahia	June 2—Sept. 7	16	15	
Rio de Janeiro	May 13—Oct. 13	54	13	
Pernambuco	June 1—Aug. 31 .....	.....	7	
Sao Paulo	Aug. 25 .....	.....	1	
Chile:				
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	53	
Pisagua	Jan. 1—June 30	105	40	
Taltal	Jan. 1—June 30	220	.....
China:				
Amoy	July 14—Aug. 10	4	4	Amoy, July 26. Epidemic. Kulangsu (native city), 25 deaths daily, estimated from June 23—Aug. 10.
Foo-Choo	July 27—Sept. 14 .....	.....	.....	Present. Aug. 3-24 present in Hinghua and Nantai.
Gal Hai	Aug. 3 .....	.....	.....	Present.
Hongkong	May 5—Sept. 7	163	149	
Macao	May 1-31 .....	.....	.....	Do.
Swatow	June 1-15 .....	.....	.....	Do.
Egypt:				
Alexandria	June 4—Oct. 14	113	65	
Port Said	June 21—Oct. 14	12	9	

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

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Egypt—Continued.				
Provinces—				
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 28	34	35	
Minieh	June 6-Sept. 27	11	4	
France:				
Marseille	Sept. 17-18	2		In quarantine at Frioul.
French Indo-China:				
Cholon	May 10			Present.
Pnompenah	July 26			Do.
Saigon	June 28-Aug 1	28	28	Present from May 21.
Hawaii:				
Hilo	Oct. 5	1		At Olaa Plantation.
Honolulu	July 22-Sept. 14	4	2	1 case on ss. Sierra from San Francisco, Sept. 14.
India:				
Bombay Presidency and Sind	Apr. 28-Sept. 14	41,788	29,048	
Madras Presidency	Apr. 28-Sept. 14	882	664	
Bengal	Apr. 28-Sept. 14	10,680	9,909	
United Provinces	Apr. 28-Sept. 14	71,105	63,864	
Punjab	Apr. 28-Sept. 14	339,557	306,905	
Burma	Apr. 28-Sept. 14	2,682	2,480	
Eastern Bengal and Assam	Apr. 28-July 20	9	9	
Central provinces, including Berar	Apr. 28-Sept. 14	5,939	4,296	
Mysore State	Apr. 28-Sept. 14	5,499	3,779	
Hyderabad State	Apr. 28-Sept. 14	894	702	
Central India	Apr. 28-Sept. 14	737	450	
Rajputana	Apr. 28-Sept. 14	2,838	1,972	
Kashmir	Apr. 28-Sept. 14	1,376	809	
Northwest frontier province	Apr. 28-Sept. 14	1,795	1,506	
Baluchistan	Apr. 28-June 29	4	1	
Bahrein Island, in the Persian Gulf	Apr. 21-July 6	1,712	1,709	
Grand total		487,492	428,103	
Japan:				
Formosa	May 19-Aug. 31	1,075	944	
Hodagaya	July 6-Aug. 3		3	Suburb of Yokohama.
Kobe	Sept. 1-21	7	7	
Osaka	May 29-Sept. 28	20	21	Jan. 1 to June 30, 71 cases.
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		
Korea:				
Nakanoshima, Island	Sept. 11		1	Imported.
Madagascar:				
Majunga	Aug. 26-Sept. 5			Present.
Manchuria:				
Kaiping	Aug. 7-Sept. 12			Aug. 30 to Sept. 12, 40 cases.
Mauritius	June 21-Sept. 19	29	25	
New Zealand:				
Auckland	May 12-June 30	3	3	
Persia:				
Bushire	June 9-15			Do.
Mohammerah	Aug. 1			Do.
Peru:				
Callao	May 16-Oct. 9	23	12	
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 18-24	1		
Huanchaco	Aug. 24-31	31		And in vicinity.
Lambayeque	May 16-30	1		
Lima	May 16-Oct. 9	26	14	
Mollendo	May 16-Oct. 2	13	7	1 case imported from Tambo.
Paita City	May 16-Oct. 2	14	11	
Piura	July 25-Oct. 2	10	2	
Querecotillo	July 25-31	1		
San Pedro	Aug. 28-Oct. 2	9	4	
Trujillo	May 16-Oct. 9	91	47	18 cases from Cuesta; June 26, present in Menochuco.
Viru	Aug. 17-21	9	7	

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

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Philippine Islands:				
Manila	July 23-25	1	1	From German ss. Ferd. Laeiss.
Russia:				
Arkhiereiskaya district	June 20	3		Vicinity of Astrakhan.
Odessa	July 10-14	1	1	On ss. Tsarevitch.
Siam:				
Bangkok	June 1-Aug. 31	3	3	
Straits Settlements:				
Singapore	May 12-Aug. 3		6	
Turkey in Asia:				
Bagdad	June 10			Present.
Bassorah	June 8			Do.
Beirut	Aug. 9	1		
Mitylene	Sept. 3-Oct. 18	4		
Smyrna	Aug. 6-12		5	
Zanzibar	June 10-July 24	9	9	

SMALLPOX.

Africa:				
Algeria—				
Algiers	June 1-Sept. 30		23	
British South Africa—				
Cape Town	Aug. 11-Sept. 28	3		Imported. Do.
East London	June 30-Sept. 28	3		
Kimberly	Aug. 1-31	1		
British West Africa—				
Sierra Leone	Aug. 1-31	2	1	
Portuguese East Africa—				
Lourenço Marquez	Apr. 1-Aug. 31	14		
Argentina:				
Buenos Aires	May 1-31		7	
Rosario	May 1-July 31		44	
Australia:				
New South Wales—				
Newcastle	May 1-June 30	2		
Austria:				
Bohemia	Sept. 22-Oct. 12	3		
Galicia	May 26-Aug. 31	20		
Kamenic	Oct. 6-12	1		
Mies	Oct. 6-12	1		
Moravia	Aug. 18-31	1		
Silesia	June 18-22	1		
Trappan district	Aug. 6-13	1		
Trieste	May 26-Aug. 3	4	1	
Vienna	June 23-Oct. 12	137	32	
Brazil:				
Bahia	June 1-Sept. 7	161	8	
Manaos	July 21-Aug. 31		5	
Para	June 9-Oct. 19	219	123	
Pernambuco	Apr. 15-Aug. 31		783	
Rio de Janeiro	May 20-Oct. 18	106	37	
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-Nov. 2	31		
Ontario—				
Hamilton	Oct. 20-26	1		
Quebec—				
Sherbrooke	June 1-30	2		
Chile:				
Iquique	May 17-Sept. 14			Present.
China:				
Chefoo	July 14-Aug. 17	4		Case July 20 from ss. Pennsylvania.
Foochow	June 26-30	1		On China, merchant ss.
Hankau	May 27-June 15	5		
Hongkong	May 5-Aug. 24	57	43	
Kulangsu	June 1-22			Present.
Newchwang	May 5-18	3		
Shanghai	May 12-Sept. 29	40	429	Case Aug. 8 from U. S. S. Pennsylvania from Chefoo. Cases foreign, deaths native. May 25, 4 cases on U. S. cruiser Wilmington.
Tientsin	May 19-June 8	4	2	June 22, present among natives.

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

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Colombia:				
Barranquilla	May 1-July 21 .....	.....	.....	Present.
Cartagena	Aug. 3-Oct. 22 .....	.....	.....	Do.
Ecuador	Sept. 25	1,000	.....	In central part, chiefly at Ambato, Cajabamba, Chasaqui, La Tacunga, and Riobamba.
Guayaquil	May 26-Oct. 12 .....	.....	16	
Egypt:				
General	Apr. 9-Sept. 16	653	163	
Cairo	May 21-Sept. 23	12	9	
France:				
Cannes	May 1-Sept. 30	28	6	
Lyon	June 5-11 .....	.....	1	
Marseille	June 1-Sept. 30 .....	.....	282	
Nice	May 1-31	1	1	
Paris	June 2-Oct. 19	101	23	
Toulon	Aug. 1-31	2	.....
Germany:				
General	June 2-Sept. 28	47	.....
Barmen	Sept. 22-28	1	.....
Bremen	May 5-11	2	.....
Konigsberg	June 9-July 6	2	.....
Great Britain:				
London	Aug. 4-10	1	.....
Liverpool	June 30-July 6	1	.....
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. 15 .....	.....	17	
Calcutta	May 12-Sept. 21 .....	.....	184	
Madras	June 1-Oct. 11 .....	.....	14	
Rangoon	June 9-Sept. 21 .....	.....	8	
Italy:				
General	June 7-Oct. 24	443	.....
Catania	Sept. 28-Oct. 17 .....	.....	2	
Genoa	June 1-July 31	8	.....
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	.....
Kobé	Aug. 24-31	2	1	
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-Sept. 28	104	12	
Korea:				
Seoul	May 25-June 30 .....	.....	.....	Present.
Luxemburg	June 22-July 6	1	.....
Madeira:				
Funchal	June 10-Sept. 22	374	63	
Malta:				
Valletta	Sept. 1-12	3	1	
Manchuria:				
Dalny	May 19-July 27	21	2	
Mexico:				
Aguascalientes—				
Aguascalientes	June 16-Oct. 26 .....	.....	82	
Federal District—				
Mexico City	May 19-Sept. 28 .....	.....	100	
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.

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

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Persia:				
Mash-Had	July 1-31			Present.
Rasht	July 1-31			Do.
Shiraz	July 1-31			Do.
Tabriz	July 1-31			Do.
Peru:				
Callao	Aug. 23-Sept. 14		2	
Lima	Sept. 7-Oct. 3	43		Oct. 12, still present and in vicinity.
Philippine Islands:				
Manila	Apr. 21-Sept. 21	55		
Portugal:				
Lisbon	June 2-Oct. 26	94		
Russia:				
Batoum	May 1-June 30	3		
Libau	June 17-Sept. 7	4		
Moscow	May 26-Oct. 12	58	15	
Odessa	June 2-Oct. 12	19	4	
Reval	July 1-31	4		
Riga	June 2-Oct. 19	51	45	
St. Petersburg	May 11-Sept. 21	63	10	
Warsaw	July 14-Oct. 7		40	
Siberia:				
Vladivostok	May 15-July 5	5		
Spain:				
Almeria	May 1-Sept. 30		25	Report for August not yet received.
Barcelona	June 2-Oct. 10		30	
Cadiz	May 1-Sept. 30		25	
Denia	Sept. 1-Oct. 5	6		
Huelva	May 1-31		1	
Madrid	May 1-Oct. 31	7	1	
Malaga	June 1-Aug. 31		17	
Seville	May 1-Aug. 31		32	
Valencia	June 10-Oct. 13	303	27	
Vigo	Sept. 22-Oct. 5		2	
Straits Settlements:				
Penang	May 19-July 13	2	1	
Singapore	May 26-June 1		1	
Switzerland:				
General	May 15-June 29	6		
Turkey:				
Constantinople	June 17-Oct. 13		19	
Turkey in Asia:				
Bagdad	May 19-Sept. 23			Present.
Bassorah	June 23-Aug. 24			Do.
Damascus	Apr. 7-June 22			Do.
Smyrna	Apr. 16-Sept. 30		35	
Venezuela:				
La Guaira	Aug. 25-Sept. 21			Do.
West Indies:				
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	Oct. 12	174,579	37													
Do	Oct. 19	174,579	39													
Aden	Oct. 7	43,974	20	6												
Do	Oct. 14	43,974	19	3												1
Aguas Calientes	Oct. 26	40,000	63	6				2								
Aix la Chapelle	Oct. 12	155,903	72	3								1	1			
Alexandretta	do	15,000	4													
Amsterdam	Oct. 26	564,479	121	27						1						1
Antwerp	Oct. 12	312,571	73	3											1	1
Asuncion	Sept. 14	65,000	26	2						2						
Do	Sept. 21	65,000	24	1						1						

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—																
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.						
Baracos.....	Oct. 19	25,000	3																	
Barmen.....	do	159,500	31	2																
Barranquilla.....	do	40,000	13	3																
Basel.....	do	130,000	28	5																
Belfast.....	do	360,173	138	19											2		5		1	
Belize.....	Oct. 31	9,113	3	3																
Belleville.....	Nov. 4	9,515	5	5																
Berlin.....	Oct. 12	2,094,107	586	74							1									
Birmingham.....	Oct. 19	553,155	169	8							6				9		6		13	
Bluefields.....	do	2,800	4	1							6				2					3
Bombay.....	Oct. 8	977,822	707	67	27	12					7						2			
Bordeaux.....	Oct. 19	253,000	91	8							3									
Bradford.....	do	290,323	81	3								1			2					
Breslau.....	Oct. 12	335,186	195	31																5
Bristol.....	Oct. 19	367,979	95	13							1				3		1			
Brussels.....	Oct. 19	623,202	158	13							2				1		1			
Calcutta.....	Sept. 21	847,796	499	28	11	31			2								1		1	
Cardiff.....	Oct. 12	187,620	73	5													3			
Do.....	Oct. 19	187,620	59	3							1	1		1		6				
Cartagena, Colombia.....	Oct. 13	30,000	19	2																1
Do.....	Oct. 20	30,000	4																	
Catania.....	Oct. 24	160,000	66	1							10									
Ceiba.....	Oct. 19	6,500	2																	
Do.....	Oct. 26	6,500	0																	
Chemnitz.....	Oct. 19	267,012	97	5													3			
Christiania.....	Oct. 12	229,000	44														4			
Do.....	Oct. 19	229,000	58																	
Cienfuegos.....	Oct. 26	37,000	11	1																
Coburg.....	Oct. 19	22,964	4																	
Cognac.....	do	19,483	9	1																
Colon.....	do	12,500	21	3							1									
Copenhagen.....	Oct. 5	430,000	112	8													1		2	
Dalny.....	Sept. 28	26,822	14																	
Dundee.....	Oct. 19	165,748	62			3								1		1	4		1	
Durban.....	Sept. 28	67,842	30	2							1									
Edinburgh.....	Oct. 19	345,747	85																	1
Fiume.....	Oct. 20	45,890	21	7										1						
Flushing.....	Oct. 26	20,253	4																	
Fort de France.....	Oct. 12	27,069	6																	
Frankfort on the Main.....	Oct. 19	352,000	81													2				1
Frontera.....	do	9,000	4	1																1
Do.....	Oct. 26	9,000	6																	
Funchal.....	Oct. 20	44,049	32	2																2
Geneva.....	Oct. 12	116,400	33																	
Glasgow.....	Oct. 26	947,584	213								2	1	3	4					3	
Gothenberg.....	Oct. 19	155,700	24	1																
Greenock.....	do	71,269	24																	1
Halifax.....	Nov. 2	40,787	13																	
Hamburg.....	Oct. 19	824,792	210	29																
Hamilton, Bermuda.....	Oct. 29	20,206	6																	
Havre.....	Oct. 12	132,430	71	10																
Do.....	Oct. 19	132,430	51	6																
Hull.....	do	266,762	76								1									2
Konigsberg.....	do	229,300	80	8											1					
La Rochelle.....	Sept. 20	31,553	6	1																
Lausanne.....	Oct. 12	54,500	11																	
Leeds.....	Oct. 19	470,268	158	8								1	1	1						4
Lepzig.....	do	518,682	152	11							1	6	1	3						6
Leith.....	do	88,668	21	3																
Liege.....	Oct. 12	172,741	45	4							1									1
Liverpool.....	Oct. 19	746,144	344	18							1	3	2	2						8
London.....	do	7,217,941	1,790								11	28	18	9						20
Lübeck.....	do	94,000	37	5							1									
Lyon.....	Oct. 12	472,114	148	32							3									
Do.....	Oct. 19	472,114	176	34							5									1
Madras.....	Oct. 4	509,346	529			98														
Magdeburg.....	Oct. 5	244,992	59	4										3		4				
Do.....	Oct. 12	244,992	82	7										4		1				
Mainz.....	Oct. 19	99,572	25	5																
Manaos.....	Oct. 12	50,000	26	1																
Mannheim.....	do	174,077	38	8			4						1							
Manzanillo.....	Oct. 26	1,742	1																	
Mazatlan.....	Oct. 12	21,000	20																	
Do.....	Oct. 19	21,000	24																	
Messina.....	do	107,000	24	5								5		3						

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—												
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.		
Mexico	Sept. 21	400,000	366	40				4	11						2	2
Do	Sept. 28	400,000	344	32				1	8							3
Milan	Oct. 6	900,000	187	30						5				1		
Do	Oct. 13	900,000	157	28						6				1		
Do	Oct. 20	900,000	162	19						8						
Monte Cristi	Oct. 26	1,500	1													
Montreal	Nov. 2	360,000	135	26						1				4		1
Munich	Oct. 12	548,000	193	21						1				1		
Naples	Oct. 19	598,729	146	4								1				
Newcastle on Tyne	do	272,969										1			7	1
Newchwang	Sept. 28	60,000	19													
Do	Oct. 5	60,000	12													
Nuevo Laredo	Oct. 26	8,000	3													
Nuremberg	Oct. 12	307,000	92	6										3		1
Odessa	do	455,000	201	21						6		16			10	
Do	Oct. 19	455,000	166	13						7		4		2	11	
Para	do	185,000	63	7				3	10							
Paris	do	1,776,394	786	166						5				3		2
Penang	Sept. 28	100,429	72	17												
Piræus	Oct. 27	70,000	14							2						
Plymouth	Oct. 19	116,000	26							1			1	1		
Port Elizabeth	Oct. 5	32,959	7	1												
Port of Spain	do	60,000	37	5						1						
Do	Oct. 12	60,000	30	7						1						
Pretoria	Sept. 28	36,839	9							1						
Rangoon	do	252,155	172	12	17	7										
Rotterdam	Oct. 26	400,329	122													
St. Georges, Bermuda	Sept. 28	2,189	1									6	2			
Do	Oct. 12	2,189	2													
St. John, N. B.	Nov. 2	40,789	7	1												
St. Petersburg	Oct. 5	1,500,000	593	113						16		19	17	12		9
Do	Oct. 12	1,500,000	588	118						14		12	20	11		15
St. Stephen, N. B.	Nov. 2	2,840	1													
Samana	Aug. 10	3,500	2	1												
Do	Aug. 17	3,500	2													
Do	Aug. 24	3,500	1													
Do	Aug. 31	3,500	2	1												
Do	Sept. 7	3,500	4	1												
Do	Sept. 14	3,500	3	1												
Do	Sept. 21	3,500	2	1												
Do	Sept. 28	8,500	3	1												
Do	Oct. 5	3,500	2													
Do	Oct. 12	3,500	2	1												
San Felin de Guixols	Oct. 19	11,094	1	1												
Santa Cruz de Teneriffe	Oct. 12	46,000	7							1						
Santander	Oct. 20	58,574	37													
Santiago de Cuba	Oct. 26	45,500	18	4												1
Southampton	Oct. 19	119,745	51	5												1
South Shields	do	113,460	29	1										1		3
Stettin	do	255,000	84	6								8	2			3
Stockholm	Oct. 5	332,738	98	16												
Do	Oct. 12	332,738	88	16										1		
Stuttgart	Oct. 24	261,000	119	6												3
Sunderland	Oct. 19	155,859	57	3						1				2		
Tampico	Oct. 27	20,000	22	1												
Trieste	Oct. 19	202,920	83										1			
Tuxpam	Oct. 22	13,000	8													
Venice	Oct. 5	174,398	63	7										3		1
Veracruz	Oct. 19	32,000	40	6												
Victoria, B. C.	Oct. 26	25,000	9													
Vigo	Oct. 19	36,000	11	5						1				1		
Warsaw	Oct. 7	764,611	236	26				9		5	3		3			2
West Hartlepool	Oct. 19	66,750	14													
Winnipeg	Oct. 26	111,000	20							3						

By authority of the Secretary of the Treasury:

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