

PUBLIC HEALTH REPORTS.

UNITED STATES.

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

Report from San Francisco, Cal.—Status of plague—Plague prevention work—Circular relative to rat destruction.

Passed Assistant Surgeon Blue reports, October 7:

The situation with regard to plague remains practically the same in San Francisco. The work of eradication, especially with regard to rat extermination, is beginning to show good results. The poisons so far employed are phosphorus paste and a mixture consisting of equal parts of plaster of Paris and flour. After the installation of the Service traveling laboratory, large quantities of Danysz's virus, of proper virulence, will be prepared and placed in homes and premises at frequent intervals.

The authorities in Oakland, Alameda, and Berkeley are thoroughly alive to the dangers to be apprehended from the spread of plague on their side of the bay. The sum of \$10,000 has been promised by the city council of Oakland as a monthly expenditure. The campaign will consist of a sanitary survey, an inspection of the dead, necropsies of all bodies which are considered suspicious of plague, and general measures for the destruction of the rat and his parasites.

A circular letter, dated October 1, 1907, has been sent out to the various commercial bodies urging their cooperation in rat extermination. They have responded in a highly commendable manner, and much good is expected from their work. At a meeting of the board of directors of the Merchants' Association of San Francisco, October 4, it was decided that the association would send a copy of the circular letter, together with a communication from the Merchants' Association, to every business house and residence in the city. Communications have also been sent by the association to a number of the outside organizations calling their attention to the importance of general action being taken in the extermination of rats in the city and asking them to take up the matter directly with their members.

Circular letter.

You are earnestly requested to assist the Federal, State, and city health authorities in their campaign to exterminate rats and other vermin in the city of San Francisco. Active cooperation in these measures should be accepted by each citizen as a part of his civic duty at this time.

The owners and managers of granaries, warehouses, mills, factories, stables, abattoirs, bakeries, hotels, restaurants, and places of business generally should at once cooperate with the authorities in the ridding of their premises of these pests which are so dangerous to the health and commerce of the city.

The following methods are recommended:

1. The employment of professional rat catchers for large establishments.
2. Trapping and poisoning by employees. The most reliable poisons for this purpose are phosphorus paste, arsenic, and Danysz' rat virus. These should be placed in rat holes and rat runs and the hole carefully closed. Care should be taken that phosphorus and arsenic are not placed where they are accessible to children and domestic animals.
3. Exclusion of rats from buildings by closing the holes and runs in the basements and first floors. Rats enter, as a rule, by burrowing from below and through the openings in the wall or floor for the passage of the plumbing. These openings should fit the pipes accurately and should be surrounded with cement or brick. Tin or sheet metal of some kind should be used to cover holes in wooden floors.
4. Kitchen refuse and garbage should be placed only in metal cans, with tight-fitting covers. This should be removed and destroyed daily. Exposed food is a great attraction to rats, and householders will find that "no food, no rat" is axiomatic.
5. Finally, it is recommended that all basements and ground floors be cemented to render buildings rat proof.

October 19. Plague cases to date, 70; deaths, 43.

Outgoing quarantine transactions.

Passed Assistant Surgeon Hobdy reports, October 14:

During the week ended October 12, 140 outgoing vessels were disinfected and certified.

Beginning with the week, the time of exposure has been lengthened from three to five hours, three hours having been found too short to get all of the rats.

Precautions to prevent rats getting on board have been observed more satisfactorily during the week, owing to the frequent inspections and the refusal to issue certificates to the negligent.

Work is progressing satisfactorily.

Report from Seattle, Wash.—Plague.

Passed Assistant Surgeon White reports:

October 16. At request of local health authority, examined Chinaman ill five days; clinical signs and microscopical examination, provisional diagnosis plague; cultures and guinea pigs inoculated.

October 19. Chinese reported October 16 necropsied by me to-day at request of the local board of health. Pathological findings characteristic plague. F. S. Bourne, formerly health officer of Manila, and other members of the local board of health concur in provisional diagnosis. Positive diagnosis will be made and announced only after completion bacteriological work.

Report from Unalaska, Alaska—Beriberi on Japanese sealing schooners.

Passed Assistant Surgeon Gardner reports, September 9:

Four cases of beriberi were found among the crews of two Japanese sealing schooner seized by the U. S. S. *Manning*. One of these died and was buried at sea.

The remaining 3 cases were among the crew of the schooner *Nitto Maru*. They were detained in Valdez. These latter are cases of mild type.

Report from Fernandina, Fla.—Yellow fever case on steamship Alf from Santiago, Cuba.

Acting Assistant Surgeon Horsey reports:

October 17. One case yellow fever on Norwegian steamship *Alf*, Santiago via Philadelphia.

NOTE.—The steamship *Alf* was remanded, October 17, to the South Atlantic Quarantine Station.

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

CALIFORNIA.—Month of August, 1907. Estimated population, 2,001,193. Total number of deaths reported to the State board of health, 2,501, corresponding to an annual death rate of 14.7 per 1,000 population. Deaths from contagious diseases were as follows: Diphtheria 29, enteric fever 47, measles 14, scarlet fever 5, plague 6, whooping cough 16, and 367 from tuberculosis.

San Diego.—Month of September, 1907. Estimated population, 40,000. Total number of deaths, 43, including enteric fever 1, and 6 from tuberculosis. Cases: Enteric fever 5.

FLORIDA.—Reports to the State board of health for the week ended October 12, 1907, show as follows: Diphtheria—*Jacksonville*, 2 cases. Enteric fever—*Jacksonville*, 1 case. Tuberculosis—*Tampa*, *Jacksonville*, and *Gainesville*, each 1 case.

INDIANA.—Month of August, 1907. Estimated population, 2,648,594. Total number of deaths, 3,390, corresponding to an annual death rate of 14.8 per 1,000 of population, including 17 from diphtheria, 131 from enteric fever, 5 from measles, 5 from scarlet fever, 22 from whooping cough, and 377 from tuberculosis.

Morbidity: Diphtheria, 98 cases in 28 counties; enteric fever, 728 cases in 79 counties; smallpox, 63 cases in 18 counties. In the same month last year 40 cases of smallpox were reported from 3 counties, with no deaths.

MINNESOTA—*Minneapolis*.—Month of September, 1907. Estimated population, 285,000. Total number of deaths, 211, including diphtheria 3, enteric fever 5, scarlet fever 1, whooping cough 3, and 20 from tuberculosis. Cases: Diphtheria 50, enteric fever 33, scarlet fever 7, and tuberculosis 20.

Stillwater.—Month of September, 1907. Estimated population, 12,435. Total number of deaths, 10, including 2 from tuberculosis.

NEW JERSEY.—Reports to the State board of health for the month ending September 15, 1907, show a total of 3,405 deaths, including diphtheria 43, enteric fever 55, measles 18, scarlet fever 14, whooping cough 37, and 328 from tuberculosis.

OHIO—*Canton*.—Month of September, 1907. Estimated population, 40,000. Total number of deaths not reported. One death from .

scarlet fever and 2 from tuberculosis reported. Cases: Diphtheria 1, scarlet fever 11, and tuberculosis 2.

OREGON.—Month of August, 1907. Reports to the State board of health from 33 counties show as follows: Total number of deaths, 323, including diphtheria 1, enteric fever 11, measles 3, and 25 from tuberculosis. Cases: Diphtheria 27, enteric fever 54, measles 34, scarlet fever 18, smallpox 3, and tuberculosis 4.

PENNSYLVANIA—*Scranton*.—Month of August, 1907. Estimated population, 125,000. Total number of deaths, 156, including diphtheria 3, measles 1, enteric fever 2, and 6 from tuberculosis. Cases: Tuberculosis 7. Month of September, 1907. Total number of deaths 140, including diphtheria 4, enteric fever 2, whooping cough 1, scarlet fever 1, and 6 from tuberculosis. Cases: Tuberculosis 3.

Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, June 28 to October 25, 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. From ss. Pennsylvania, July 16; epidemic in vicinity.
St. Michael.....	May 26-July 13.....	3.....		
Total for Territory.....		4.....		
California:				
General.....	July 1-31.....		1	Imported.
Longbeach.....	Sept. 1-30.....	5.....		
Los Angeles.....	July 21-27.....	1.....		
Oakland.....	July 1-Sept. 30.....	4.....		
Pasadena.....	Sept. 1-30.....	3.....		
Sacramento.....	July 1-30.....	1.....		
San Francisco.....	June 22-Oct. 5.....	37.....	2	
Total for State.....		51.....	3	
Colorado:				
Bent County.....	May 1-31.....	3.....		
Boulder County.....	May 1-Aug. 31.....	34.....		
Clear Creek County.....	May 1-Aug. 31.....	5.....		
Conejos County.....	June 1-30.....	1.....		
Denver County.....	May 1-Aug. 31.....	131.....		
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 1-31.....	1.....		
Montrose County.....	May 1-June 30.....	7.....		
Otero County.....	May 1-Aug. 31.....	43.....		
Ouray 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.....		368.....		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
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		
Chicago	June 23-Oct. 19	12		
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		
Galena	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		
Rockford	Jan. 1-June 30	2		
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 21-27	1		
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		606	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		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Indiana—Continued.				
Elkhart County	May 1–July 31	31		
Elkhart	July 1–Sept. 28	4		
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–Sept. 30	3		
Marion County—				
Indianapolis	June 17–Oct. 13	10		
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		
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		406		
Iowa:				
Cedar Rapids	June 1–July 1	2		
Davenport	June 15–Sept. 30	11		
Keokuk	July 1–31	2		
Ottumwa	Aug. 18–Sept. 14	2		
Total for State		17		
Kansas:				
Allen County	May 1–July 31	10		
Atchison County	May 1–July 31	27		
Atchison (city)	Aug. 1–31	6		
Barton County	May 1–June 30	5		
Bourbon County	June 1–July 31	4		
Brown County	May 1–31	6		
Chase County	May 1–June 30	38		
Cheyenne County	May 1–31	1		
Clark County	May 1–June 30	7		
Clay County	July 1–31	1		
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 1–31	1		
Kingman County	May 1–June 30	9		
Labelle County	May 1–July 31	2		
Parsons	May 1–June 30	14		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Kansas—Continued.				
Leavenworth County—				
Leavenworth.....	June 1-30.....	6		
Lincoln County.....	Aug. 1-31.....	4		
Lian County.....	July 1-31.....	1		
Lyon County.....	May 1-31.....	2		
Marion County.....	June 1-July 31.....	6		
Miami County.....	May 1-31.....	1		
Montgomery County.....	June 1-Aug. 31.....	8		
Coffeyville.....	May 1-July 31.....	15		
Neosho County.....	Aug. 1-31.....	26		
Osborne County.....	May 1-31.....	5		
Pawnee 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		
Sedgewick 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-Aug. 31.....	17		
Thomas County.....	May 1-31.....	1		
Washington County.....	May 1-June 30.....	6		
Wichita County.....	July 1-Aug. 31.....	3		
Wilson County.....	May 1-31.....	4		
Wyandotte County.....	June 1-July 31.....	13		
Kansas City.....	June 16-July 17.....	11		
Total for State.....		581	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. 12.....	26	3	
Shreveport.....	July 28-Aug. 10.....	4		
Total for State.....		30	3	
Massachusetts:				
Boston.....	July 14-Sept. 28.....	3		
Lawrence.....	June 16-July 13.....	3		
South Groveland.....	July 1-Aug. 17.....	20		
Total for State.....		26		
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.....	28		
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		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Minnesota—Continued.				
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. 13–19	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		
Todd County	May 6–July 1	2		
Traverse County	May 6–13	3		
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–Oct. 12	23		
St. Louis	June 16–July 13	7		
Total for State		30		
Montana:				
General	Aug. 1–31	7		
Beaverhead County	Feb. 1–23	1		
Broadwater County	May 1–31	1		
Cascade County	Apr. 1–30	7		
Custer County	Feb. 1–May 31	20		
Deerlodge County	Mar. 1–31	1		
Fergus County	Apr. 1–30	1		
Flathead County	Apr. 1–30	1		
Gallatin County	May 1–31	1		
Granite County	May 1–31	1		
Lewis and Clarke County	May 1–31	1		
Madi on County	Feb. 1–28	1		
Meagher County	May 1–31	1		
Missoula County	Feb. 1–May 31	7		
Park County	Mar. 1–May 31	10		
Sanders County	Feb. 1–May 31	13		
Silverbow County	Feb. 1–May 31	12		
Valley County	May 1–31	1		
Yellowstone County	May 1–31	3		
Total for State		90		
Nebraska:				
Lincoln	Apr. 1–Aug. 31	98		
Omaha	Feb. 1–Sept. 30	44		
Total for State		142		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
New Jersey:				
Carlstadt	Sept. 6.....	1		
Newark	July 1-Oct. 12.....	11		
West Hoboken	Apr. 1-Aug. 15.....	7		
Total for State.....		19		
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		
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. 1-28.....	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		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
North Carolina—Continued.				
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 22-28.....	4		
Cincinnati.....	June 30-Oct. 4.....	5		
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.....		65		
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-June 30.....	6		
Union County.....	Apr. 1-July 31.....	13		
Wasco County.....	Apr. 1-30.....	1		
Washington County.....	Apr. 1-May 31.....	2		
Total for State.....		60	1	
Pennsylvania:				
Homestead.....	June 8-21.....	2		
New Castle.....	June 1-30.....	3		
Oil City.....	July 3-13.....	2		
Philadelphia.....	July 7-13.....	1		
Spring Cit.....	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-July 13.....	7		
Total for State.....		15		
Texas:				
Galveston.....	June 22-28.....	1		
Houston.....	Apr. 28-July 27.....	50	1	
San Antonio.....	June 16-Oct. 5.....	10		
Temple.....	Sept. 23.....	2		
Total for State.....		63	1	
Utah:				
Salt Lake County, Salt Lake City.....	June 1-Sept. 30.....	27		
Uintah County.....	May 1-31.....	1		
Wasatch County.....	May 1-June 30.....	27		
Weber County.....	June 1-30.....	3		
Total for State.....		58		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
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		Present.
Appomattox County.....	Apr. 1-May 31.....	5		
Bedford County.....	Apr. 1-30.....			
Caroline County.....	Aug. 1-31.....	4		
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-July 31.....	4		
Princess Anne County.....	May 1-July 31.....	3		
Rockbridge County.....	Apr. 1-30.....	40		
Scott County.....	Apr. 1-30.....	50		
Smyth County.....	Apr. 1-Aug. 31.....	6		
Southampton County.....	May 1-31.....	4		
Surry County.....	Apr. 1-30.....	1		
Tazewell County.....	Apr. 1-30.....	6		
Warwick County.....	May 1-31.....	2		
Wise County.....	July 1-31.....	11		
York County.....	Apr. 1-30.....	5		
Total for State.....		193		
Washington:				
Fort Steilacoom.....	May 10-30.....	2		7 imported.
Seattle.....	May 1-Aug. 31.....	67		
Spokane.....	June 16-Aug. 28....	45		
Tacoma.....	June 23-Oct. 5....	9		
Total for State.....		123		
West Virginia:				
Ripley.....	May 25-Aug. 19....	28		
Total for State.....		28		
Wisconsin:				
Ashland County.....	Apr. 1-June 30....	5		
Barron County.....	Apr. 1-30.....	2		
Bayfield County.....	May 1-June 30....	4		
Chippewa County.....	May 1-31.....	3		
Crawford County.....	Apr. 1-June 30....	21		
Dane County.....	Apr. 1-June 30....	34	1	
Douglas County.....	Apr. 1-June 30....	24		
Dunn County.....	May 1-June 30....	9		
Fond du Lac County.....	May 1-June 30....	13		
Forest County.....	Apr. 1-June 30....	8		
Grant County.....	Apr. 1-June 30....	8		
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-June 30....	6		
La Crosse County.....				
La Crosse.....	Sept. 22-Oct. 5....	2		
Lafayette County.....	May 1-June 30....	8		
Langlade County.....	May 1-June 30....	26		
Manitowoc County, Mani- towoc.....	June 16-22.....	1		
Milwaukee County.....	Apr. 1-June 30....	21		
Milwaukee.....	June 16-Sept. 28..	44		
Monroe County.....	June 1-30.....	1		
Outagamie County.....	Apr. 1-30.....	1		
Oneida County.....	June 1-30.....	3		
Polk County.....	June 1-30.....	13		
Portage County.....	May 1-June 30....	5		
Pierce County.....	June 1-30.....	3		
Racine County.....	June 1-30.....	3		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Wisconsin—Continued.				
Richland County.....	Apr. 1-30.....	3		
Rock County.....	June 1-30.....	10		
Shawano County.....	May 1-31.....	3		
Vernon County.....	Apr. 1-June 30.....	20		
Washburn County.....	May 1-June 30.....	20		
Winnebago County.....	June 1-30.....	2		
Waupaca County.....	Apr. 1-June 30.....	45		
Waushara County.....	May 1-June 30.....	5		
Wood County.....	Apr. 1-30.....	7	1	
Total for State.....		421	2	
Grand total, United States.		5,039	16	

Plague in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, August 12 to October 25, 1907.

Place.	Date.	Cases.	Deaths.	Remarks.
California:				
Berkeley.....	Sept. 1.....	1	1	
Oakland.....	Oct. 9.....	3	3	
San Francisco ^a	Aug. 12-Oct. 19.....	69	42	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 October 25, 1907.

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

FOREIGN AND INSULAR.

CURRENT QUARANTINE MEASURES.

[From the Veröffentlichungen des Kaiserlichen Gesundheitsamtes, Berlin, September 25 and October 2, 1907.]

CHOLERA.

AUSTRIA.—September 11. Circular of August 12, 1904, put in force at Trieste against arrivals from Black Sea ports.

JAPAN.—August 30. Five days' quarantine at Japanese ports against Shanghai.

NORWAY.—September 11. The Russian governments of Jaroslaw, Moscow, Kostroma, Vladimir, Nizhni-Novgorod, Kasan, Simbirsk, Perm, Stavropol, and Baku declared infected. Quarantine station at Odderen.

PLAGUE.

BRITISH EAST INDIES.—August 26. Port of Verawal declared infected.

CHINA.—August 1. Quarantine measures declared at Mukden against Amoy. August 7. The German consul at Chefoo ordered sanitary police control against arrivals from Yokohama.

PRUSSIA.—Measures to prevent the introduction of cholera from Russia:

1. The lord lieutenant of Danzig named as State commissioner for combating cholera in the Vistula district.

2. Sanitary inspection of river craft on the Vistula established (a) at Schillno, Schulitz, and Einlage; (b) at Pogocelice and Posen on the Warthe.

3. Obligatory inspection of corpses ordered for the districts of the Vistula, the Memsel, the Brahe, the Bromberg Canal, the Netze, and the Warthe.

4. Control stations and rigorous inspection of emigrants ordered on the Russian frontier.

Bacteriological examination ordered for every suspect cholera case.

SWEDEN.—September 10. San Francisco declared plague infected.

SIAM.—Quarantine against arrivals from Saigon suspended. Vessels arriving from Saigon are no longer required to repair to the quarantine station at Koh Phra.

BRAZIL.

Report from Rio de Janeiro—Inspection of vessels—Plague, small-pox, and yellow fever.

Acting Assistant Surgeon Stewart reports, October 12:

Week ended September 1. The following-named vessels were inspected by me and were granted bills of health from this consulate-general: August 27, the Brazilian steamship *Goyaz*, for New York,

with cargo. All the crew signed on in this port. There were 17 steerage passengers and 11 cabin passengers. August 29, the British steamship *Ludgate*, for Gulfport, Miss., in water ballast; no passengers. Two new members of the crew signed on in this port. August 31, the British steamship *Bellaura*, for New Orleans, La., with a cargo of coffee; no passengers and no change in the crew. No other vessels left this port bound for United States ports during the week.

At São Paulo, during the week ended August 25, bubonic plague caused one death.

Mortality in city of Rio de Janeiro.

Week ended September 1, yellow fever caused no deaths, nor were there any cases of the disease reported. Variola caused 3 deaths, with 2 new cases reported, while bubonic plague caused 2 deaths, with the same number of new cases reported. At the close of the week there were in the hospital São Sebastião, 1 case of yellow fever under treatment, 5 cases of variola, and 2 cases of plague.

BRITISH HONDURAS.

Report from Belize, fruit port.

Acting Assistant Surgeon Mengis reports as follows:

Week ended October 10. Present officially estimated population, 8,500. 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.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
Oct. 4	Belize	Mobile	18	2	0	0
4	Anselm	New Orleans	44	2	13	0
5	Salybia	Newport News	40	0	1	0
7	Dictator	New Orleans	38	0	0	0

One alien sailed for the United States during week.

CHINA.

Report from Tientsin—City free from cholera.

The following is received from Consul-General Ragdale, under date of September 2:

Tientsin is now practically free from cholera. There have been very few cases of real cholera, the cases formerly mentioned being cases of acute dysentery, cholera morbus, and such diseases as occur in the native city every summer from indiscreet appetite for melons, cucumbers, and uncooked food. The sanitary department also reports that there has been no unusual bad health in the native city. At Tongshan and other places along the railway leading from Tongku to Shan-hai-kuan many deaths have occurred from what is believed to

be cholera, but even in those places the death rate is growing less, owing to good rainfall and cool weather. So far no deaths from cholera have occurred in the British or German concessions. Fifteen deaths were reported in the Japanese concession, but it is now claimed that not more than 5 of these were from cholera; 2 cases were reported from the French concession and several from the Austrian and Italian concessions.

COLOMBIA.

Report from Cartagena—Inspection of vessels—Sanitary conditions.

Acting Assistant Surgeon Jacobs reports for week ended October 1, 1907, as follows: Bills of health issued, United States, 2; Panama, 1. Passengers from this port, 47; passengers in transit, 250; members of crews, 330; immune certificates issued, 5; no quarantinable disease reported during the week; health conditions in and around Cartagena, good.

COSTA RICA.

Reports from Limon, fruit port.

Acting Assistant Surgeon Goodman reports, as follows: Week ended September 28. 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.
Sept. 22	Greenbrier	New Orleans.....	46	3	0	0
23	Bluefields	do	24	0	0	0
23	Siberia	New York	64	7	12	0
25	Ellis	New Orleans.....	38	1	21	0
26	Bertha	Mobile	23	1	0	0
27	Matina	New Orleans.....	47	6	0	0
28	Imperator	do	19	0	0	0

Two bills of health for Panaman ports viséed.

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.
Sept. 29	San José	Boston	46	3	0	0
30	Prinz Aug. Wilhelm	New York	116	138	15	0
Oct. 1	Nicoya	do	53	7	0	0
2	Mobila	New Orleans.....	43	2	43	0
3	Belvernon	Mobile	20	0	0	0
4	Barranca	New York	58	2	0	0
5	Venus	New Orleans.....	26	1	0	0

One bill of health for Panaman port viséed.

Report from San Juan—Precautionary quarantine measures to prevent introduction of plague from San Francisco, Cal.

Consul Caldwell reports, October 1:

The Government of Costa Rica has prescribed certain precautionary measures against possible introduction of bubonic plague from San Francisco. On the arrival at Punta Arenas of any ship from San Francisco the health authorities shall make a thorough inspection, and if any case of plague has occurred during the voyage the ship will not be allowed to enter the port or have any communication with the shore. If no case has occurred, all freight destined for Punta Arenas the packing of which is liable to contain rats, as straw or like material, all loose hay or straw, and the baggage of passengers, must be immediately disinfected on the pier.

CUBA.

Reports from Cienfuegos—Yellow fever.

Acting Assistant Surgeon Marsillan reports:

October 17. One new case from this city confirmed at Las Animas, Habana.

October 18. One of cases died to-day.

October 19. One case of yellow fever confirmed to-day; origin of infection traceable to Rodas.

Reports from Habana—Inspection and fumigation of vessels—Yellow fever—Vigorous campaign against yellow fever proposed—Quarantine against Veracruz raised.

Passed Assistant Surgeon Amesse reports, October 15, 16, and 17:
Week ended October 12.

Vessels inspected and bills of health issued.....	17
Vessels not inspected and bills of health issued.....	4
Members of crews of outgoing vessels inspected.....	905
Members of crews of outgoing vessels not inspected.....	133
Passengers of outgoing vessels inspected.....	298
Passengers of outgoing vessels not inspected.....	34
Certificates of immunity to yellow fever issued.....	51
Persons entering Triscornia for observation prior to sailing.....	79
Persons transferred from Triscornia to vessels.....	59
Vessels fumigated prior to sailing.....	8

Yellow fever has again appeared at Campo Florido, near this city. Two cases, both secondary, were reported October 9 and 1 death on October 11.

Three cases were found at Palos during the week, 1 resulting fatally, while a fourth case from Palos was found in Habana on the second day following attack and isolated at Covadonga Hospital.

The sanitary authorities have decided on a vigorous campaign. Thirty trained attendants, under direction of the Army Medical Corps, will begin work to-day at Palos, using the block method of fumigation.

In Habana 1 case was reported during the week, the patient, a Spaniard, residing in the city for some years.

To date there have been reported 114 cases with 31 deaths.

October 16. One case of yellow fever, reported October 14 in Habana, resulted fatally to-day. Four new cases reported in interior of Cuba, 1 at Santa Clara, 1 at Las Animas, Habana, from Cienfuegos, and 2 at Trinidad, near Union de Reyes, Matanzas Province.

October 17. Sanitary department raised quarantine against Veracruz yesterday.

Report from Matanzas—Inspection and fumigation of vessels—Leprosy—Summary for month of September, 1907—Yellow fever.

Acting Assistant Surgeon Nunez reports, October 8:

Week ended October 5, 1907.

Bills of health issued to 3 vessels leaving for the United States and one health and acclimation certificate issued to a passenger bound for the United States. One vessel, the Norwegian steamship *Times*, destined for Mobile, Ala., with a crew of 24, no passengers, was fumigated when about to sail for her destination.

Since September 27 no new cases of yellow fever have been reported within this province. One additional case of leprosy was detected in town during the past week. The disease developed in a shoemaker residing in one of the city districts known as Pueblo Nuevo. He is married and has children apparently healthy. Family history, negative, and it has been impossible to trace the origin of the infection, as the patient does not remember ever being in contact with anyone suffering with the disease. He was taken sick about one year ago, the disease appearing at first about the face in the form of tuberculous growths, particularly about the ears and nose, which have gradually invaded the upper and lower extremities and become ulcerated in several places. Complete anesthesia exists over the ulnar and peroneal regions on both sides, therefore the disease may be classified as a combination of the two varieties of leprosy, known as the anesthetic and the tubercular. A sample of blood drawn from the ear of the patient was sent to Habana for examination, and the diagnosis of the disease was bacteriologically confirmed. The patient was sent to Habana to be segregated at the San Lazaro Hospital of that city.

Summary.—Month of September, 1907. Bills of health issued to 14 vessels destined for United States ports, having an aggregate number of 376 members of crews and 9 passengers, of which 7 were in transit and 1 taken on at this port. Seven vessels bound for southern ports fumigated. No transactions for the Canal Zone nor for the Republic of Panama.

The following cases and deaths of yellow fever were reported within this province during the past month: September 23, 1 case, ending in death, at Jovellanos; September 24, 1 case confirmed at Jovellanos, patient recovered; September 21, 1 case with fatal termination at Union de Reyes. Total number of cases reported, 3, with 2 deaths. No cases of yellow fever were reported within this municipal district.

October 16. Two cases of yellow fever at Plantation Colony, close to Union de Reyes, reported to-day.

October 18. One yellow fever case reported to-day at Alacranes, this province.

Report from Santiago—Inspection of vessels.

Acting Assistant Surgeon Wilson reports, October 8:

Week ended October 5. Bills of health issued to 5 vessels bound for the United States and its dependencies. No vessel was fumigated. No quarantinable disease reported.

GERMANY.

Report from Berlin—Cholera in Russia.

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

According to official statistics communicated by the Russian Government to the imperial health office at Berlin, there were registered in the whole of the Russian Empire during the three days September 18, 19, and 20, 104, 100, 74 (total, 278) fresh cases of cholera, with 135 deaths, while between September 11 and 17 there occurred 1,165 new cases and 588 deaths. Of the 278 cases (and 135 deaths) of the last few days, 47 cases, with 19 deaths, occurred in the city of Astrachan; 15 cases and 5 deaths in the Archiereisk Settlement, and in other parts of the government district of Astrachan 31 cases (18 deaths); in the city of Zarizyn, 46 cases (21 deaths); in the city of Saratov, 17 cases (11 deaths); in other parts of the government district of Saratov, 18 cases (6 deaths); in the city of Samara, 16 cases (8 deaths); in the government district of the same name, 17 cases (8 deaths); in the town of Nishni-Novgorod, 10 cases (7 deaths); in the government district of the same name, 12 cases (3 deaths); in the city of Kasan, 3 cases; in the government district of the same name, 1 case; in the city of Kostroma, 4 cases (3 deaths); in the government district of the same name, 3 cases (4 deaths); in the city of Jaroslav, 3 cases; in the government district of the same name, 2 cases (1 death); in Simbirsk, 19 cases (6 deaths); in Pensa, 5 cases (1 death); in the Territory of Akmolinsk, 8 cases (11 deaths); in the city of Rostoff-on-Don, 1 case (1 death).

GUATEMALA.

Report from Livingston—Inspection of vessels.

Acting Assistant Surgeon Wailes reports as follows:

Week ended October 8. Present officially estimated population, 3,500. 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.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
1907.						
Oct. 4	Ulricken	Cuba.....	28	0	0	0
7	Harald	New Orleans.....	28	0	0	0
8	Origen.....	do.....	28	0	0	0

HAWAII.

*Reports from Honolulu—Examination of rats for plague infection—
Summary for three months ended September 30.*

Passed Assistant Surgeon Currie reports that during the week ended September 28, 135 rats were examined bacteriologically at the plague laboratory of the Service at Honolulu. Plague infection was not proven in any of the rats examined.

Week ended October 5: 136 rats examined bacteriologically; no plague infection found.

Summary of work during the three months ended September 30, 1907.

Caught alive and placed under observation for the period of incubation of plague, 51 rats; necropsied and examined bacteriologically, 1,071 rats. Of these, 4 were found to be infected. Two of these infected rats were obtained from Olaa plantation near Hilo and 2 from Aiea. No infected rats were obtained from Honolulu proper.

Seven human cases were investigated. Of these, 3 were plague.

Antirat measures have been employed at both Aiea and Olaa plantations, with some success at the latter.

HONDURAS.

Report from Ceiba, fruit port.

Acting Assistant Surgeon Reynolds reports as follows:

Week ended October 6, 1907. 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.
Sept. 30	Katie.....	24	0	0	0
Oct. 1	Viator.....	17	0	0	0
2	Hispania.....	20	1	0	0
4	Rosina.....	33	1	0	0
5	Oscar "G".....	7	0	0	0
5	Helen.....	22	0	0	0

Reports from Tela—Inspection of vessels.

Acting Assistant Surgeon Roe reports as follows: Week ended September 28, 1907. 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.
Sept. 25	Harald.....	New Orleans.....	19	0	0	0
26	Jos. Vaccaro.....	do.....	32	0	0	0
26	Helen.....	Mobile.....	22	0	0	0

Week ended October 5, 1907. 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.
Sept. 30	Katie.....	Mobile.....	24	0	0	0
Oct. 3	Rosina	New Orleans.....	33	0	0	0

INDIA.

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

Acting Assistant Surgeon Eakin's reports, September 19:

During the week ended September 7 there were 13 deaths from cholera, 6 from plague, and 2 from smallpox in Calcutta.

In Bengal and India during the week ended August 31 there were 114 cases and 74 deaths from plague, and 6,953 cases and 4,627 deaths from plague, respectively.

Organization of service for plague inoculation—Plague and general health conditions in India.

The following are received from Consul-General Michael, under dates of September 5 and 12:

The government of the United Provinces has issued an important resolution regarding plague precautions. It states that it is desirable to afford all facilities for those wishing to be inoculated. The sanction of the government of India has been obtained for the reorganization of a special service to carry on the work of inoculation when plague reappears. The service will be controlled by Maj. J. Chator White and Capt. R. F. Baird, of the I. M. S., as chief and assistant plague officers, respectively, assisted by a staff of inoculating officers, composed of an assistant surgeon in charge of dispensaries, special health officers on plague duty, assistant health officers in the municipalities, women doctors for work in zenanas, and a peripatetic staff of temporary assistant surgeons for village work.

The chief plague officer is now holding a class in Lucknow, at which the special and assistant health officers are being instructed in inoculation. All other officers will be instructed by the civil surgeons.

September 12. The plague deaths which occurred during the last days of August and the first days of September throughout India increased by 936 over the previous week, the total being 4,627. The increase was due to the large mortality in Bombay, where 3,241 deaths occurred, against 2,515 in the previous week. Anxiety is being caused in Bombay by the knowledge gained by the health department that the percentage of plague-infected rats that infest Bombay is increasing much earlier in the season than usual. The health department is making strenuous efforts to obtain the cooperation of the people in the rat-killing campaign, in which thousands of baits with poison are laid down daily.

Plague in Burma during August.—An official note says there was a decrease of plague in Burma during the month of August, the figures showing 551 cases and 499 deaths, as compared with 721 cases and 662 deaths in July. The decrease was most marked in Rangoon, where there were 128 deaths, as compared with 268 in July. A decrease also occurred in Bassein, Myaungmya, Henzada, and Amherst districts. In Thawawaddy, Maubin, Toungoo, and Thaton districts plague remained almost stationary. In Lower Burma the only large increase occurred in the Pegu district, where figures rose from 20 cases and 19 deaths in July to 55 cases and 53 deaths in August. Exclusive of Rangoon, plague again occurred in 11 districts in Lower Burma during the month.

The issue of plague prophylactic.—Rules for the issue of plague prophylactic from the Bombay bacteriological laboratory have been approved and published by the government. It is laid down that applications from practitioners who have already been once supplied on the recommendation of civil or medical authorities will be complied with at once. Applications from medical practitioners who have not been supplied must be sent through the chief civil or medical officer of the place where they reside. In the event of the application being supported it will be complied with. Subsequent applications may be submitted direct to the laboratory. Applications from firms of chemists or from private individuals can not be accepted, but the resident physician of a firm of chemists will be treated as a medical practitioner on the distinct understanding that the prophylactic be used by him alone. Concerning places outside of India, persons not in the service of the British-India government will not be supplied unless the application is supported by the British consul.

Vital statistics of Calcutta.—The total number of deaths registered during the week ended August 31, 1907, was 459, against 425 and 405 in the two preceding weeks, and higher than the corresponding week of last year by 68. There were 28 deaths from cholera, against 25 and 27 in the two preceding weeks. The number is higher than the average of the past quinquennium by 16. There were 3 deaths from plague, against 7 and 4 in the two preceding weeks. There were 2 deaths from smallpox during the week, against none in the previous week. The general death rate of the week was 28 per mille per annum, against 24.5, the mean of the last five years.

JAPAN.

Report from Yokohama—Inspection and fumigation of vessels—Cholera in Yokohama—Cholera abating in the southern lens.

Passed Assistant Surgeon Cumming reports September 25:

Week ended September 21. Bills of health issued to 5 steamships having an aggregate personnel of 523 crew and 795 passengers. The steamship *Sikh*, hence to New York via oriental ports, and the *Yuwata Maru*, hence for Australia via Manila were fumigated with sulphur dioxide for the purpose of destroying vermin.

Despite strenuous efforts on the part of the authorities cholera has appeared here. On the 23d instant there were 2 cases, each in a sendo (boatman) upon cargo sampans in the harbor, and yesterday

there were 2 more cases, one the wife of the sendo of a boat lying in the creek near the railroad station, and the other an attendant in a public bath house. These make a total of 7 cases in and near this city during the past month.

The epidemic in the southern kens is abating, and the official returns up to September 23 show a total of 1,487 cases, most of which were in Fukuoka, Yamaguchi, and Hyogo kens (Moji, Shimonoseki, Kobe).

Emigrants recommended for rejection.

Number of emigrants per steamship *Siberia* recommended September 11 for rejection: For Honolulu, 11; for San Francisco, 1. Advised to wait, 18. Per steamship *Tango Maru* September 21: For Seattle, 3. Advised to wait, 7. Per steamship *Manchuria* September 25: For Honolulu, 5. Advised to wait, 7. Of these rejections all were for trachoma.

Reports from Kobe—Special quarantine restrictions put in force on account of cholera—Inspection of vessels—Plague at Osaka—Emigrant inspection—Cholera diminishing at Moji.

Acting Assistant Surgeon Ransom reports, September 13 and 16:

In view of the fact that Asiatic cholera has shown a tendency to increase at this port within the last few days and that the disease seems now to have gained a foothold in the cities of Hiogo, Kobe, and Osaka, I have deemed it necessary to put into operation the special restrictions, provided in the Quarantine Laws and Regulations, for vessels, crews, cargo, and passengers sailing from ports infected with cholera, to take effect from and after this date.

Week ended September 14. One original and 3 supplemental bills of health granted to 4 steamships, with an aggregate personnel of 1,217. Four vessels, 618 members of crews, and 1 cabin and 500 steerage passengers inspected, and 48 members of crews and 174 steerage passengers bathed and their effects disinfected with steam; 328 pieces of baggage were disinfected; manifests were viséed for 14,608 pieces of freight.

Emigrants examined as follows: For San Francisco and Honolulu, steamship *Siberia*, 70 passed, 118 recommended for rejection; steamship *China*, 105 passed, 56 recommended for rejection.

Sixty-seven cases of cholera, with 26 deaths, were reported in the city of Kobe during the week.

I have suggested that supplies for ships en route to the United States and Philippines, calling at this port, be limited to the minimum. The water supply of the city seems to be good, but the method of transferring it to vessels is very poor and liable to infection. All shipping orders for freight will be required to be viséed before the goods are put on board, and the articles prohibited by the regulations or others considered dangerous will not be passed. Emigrants will be examined five days before departure and held under observation until they sail. Every effort will be made to keep them separated from dangerous articles of food and from people who have not been disinfected.

The site selected by the emigration agents is within a minute's walk of the disinfecting station, and is located in a large airy

godown, the only drawback being that there is no open ground around it to be used for exercise. It seems, however, that it was the only obtainable place to which the people could be transferred without difficulty after bathing and disinfection.

Two cases of plague and 2 deaths were reported from Osaka during the week ended September 7. Cholera is also present there.

Cholera seems to be diminishing at Moji and the surrounding villages.

Report from Nagasaki—Emigrants recommended for rejection.

Sanitary Inspector Bowie reports:

September 18. Number of emigrants per steamship *Manchuria* recommended for rejection, 22.

KOREA.

Reports from Seoul—Outbreak of plague and cholera in the Yalu River district.

The following is received from Consul-General Sammons, under date of September 11:

The Japanese authorities here have been notified of an outbreak of plague and cholera in the Yalu River district, in northern Korea, and have accordingly sent physicians there to aid in preventing the spread of pestilence.

A telegram from New Wiju, Korea, states that there are 11 cases of cholera on the island which is designated by the Japanese as Nakanoshima, one of the victims being a Japanese and the others Koreans. It has also been reported by telegraph to the residency-general that two of the Korean cholera patients died and that one Chinaman has died of plague.

Quarantine to be enforced against Moji on account of cholera.

The following is received from the Department of State under date of October 12:

A dispatch of August 26, last, from the consul-general at Seoul, Korea, states that the consuls of the treaty powers in Korea, having received notice through the residency-general of the existence of cholera at the port of Moji, Japan, have agreed that quarantine regulations shall be enforced against vessels arriving from that port.

NICARAGUA.

Report from Bluefields, fruit port.

Acting Assistant Surgeon Layton reports as follows:

Week ended October 6, 1907. Present officially estimated population, 2,800. General sanitary condition of this port and the surrounding country during the week, good. Rains continue. Many *Stegomyia calopus* found.

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.
1907. Oct. 6	Corinto.....	New Orleans	24	15	0

PANAMA.

Report from Bocas del Toro, fruit port.

Acting Assistant Surgeon Osterhout reports as follows:

Week ended October 6. Present officially estimated population, 4,954. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health were 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. 2	Fort Morgan.....	Mobile	23	3	0	0
3	Appomattox.....	New Orleans.....	47	1	0	0
5	Mount Vernon.....	Mobile	20	3	0	0
6	Dictator	New Orleans via Limon.	19	2	0	0

PERSIA.

Report from Teheran—Quarantine measures to prevent introduction of cholera from Russia.

The following is received from the American legation under date of September 14:

The inclosed translation of a note, dated September 10, was received from the minister for foreign affairs, reporting the appearance of an epidemic of cholera at Baku and other places in Russia. Baku is the principal Russian port on the Caspian Sea for the embarkation of passengers and merchandise for Persia.

It is only three years since Teheran was decimated by this scourge.

[Inclosure.]

Within the past few days an epidemic of cholera has appeared in some of the governments of Russia and prudence requires that strong and effective measures be taken to resist its approach to Persia. Therefore in obedience to His Majesty's commands and the recommendations of the sanitary council, it has been decided that all vessels which call at the Caspian ports shall be subject to quarantine at Astara for five days, and afterwards proceed on their journey. But before the quarantine be, for this purpose, established at Astara, no passenger or baggage shall be allowed to be landed unless the commander can

show a clean bill of health from the official appointed to take charge of the quarantine. Lodging accommodation will be provided for persons in quarantine at the station at Yafa, Black River, Shah-Takhta, Khoda-Afrin bridge, and Astara. Beyond these places, which have been established for this purpose, permission will not be accorded to enter at any other points on the frontier. For Khorassan, a position has been decided upon in Kuchan where examinations will take place until quarantine be thoroughly established. The period of detention in quarantine will be five days. It is requested that notice be taken that the governors and authorities of the districts and those in charge of the quarantine will be strictly charged, according to imperative orders, to consider it their duty to carry out the rules and regulations of the quarantine.

PHILIPPINE ISLANDS.

Reports from Manila—Inspection of vessels—Cholera at Manila and in the Province of Leyte.

Chief Quarantine Officer Heiser reports, August 26 and September 6:

Week ended August 24. No quarantinable diseases were reported as having occurred in the city of Manila.

August 24, 1907, the British steamship *Taiyuan*, with 72 crew and 33 passengers, en route from Yokohama to Zamboanga, was granted a supplemental bill of health.

Week ended August 31. Quarantinable diseases reported for the city of Manila as follows:

Cholera, 2 cases, 2 deaths. Several sporadic cases of cholera have occurred during the week in the city of Manila, but the disease has shown no tendency to spread.

In the town of Carigara, in the Province of Leyte, an average of about 2 cases a day continues to occur, but with the exception of a few cases that have been carried to the nearby towns, the disease has been confined to Carigara.

Cases suspicious of cholera also were reported to have occurred at the port of Mandaue, on the island of Masbate. An official has been sent to investigate these cases.

The origin of the outbreak is at present unknown.

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

On August 28 the Norwegian steamship *Profit*, with 25 crew, en route from Saigon to Iloilo, was granted a supplemental bill of health, after being fumigated throughout at this port.

On August 28 the British steamship *Pathan*, with 60 crew, en route from Yokohama to New York, was granted a supplemental bill of health. Vessel fumigated throughout at Mariveles when en route to Iloilo on August 9. Crew inspected prior to sailing. Cargo inspected and certified.

On August 31 the British steamship *Titan*, with 82 crew, en route from Glasgow to Seattle, was granted a supplemental bill of health. Crew inspected at the hour of sailing.

Week ended September 7, 1907. Cholera, 1 case, 1 death. During the week consular bills of health were issued as follows:

On September 5 the American steamship *Tremont*, with 141 crew and 56 passengers, was granted a bill of health for Tacoma and Seattle via Chinese and Japanese ports.

PORTO RICO.

Report from Ponce—Transactions of Service.

Acting Assistant Surgeon Ferrer-Torres reports, October 2, through Chief Quarantine Officer Foster for month of September:

Vessels inspected	8
Vessels in quarantine.....	4
Passengers inspected:	
Incoming	99
In transit	315
Passengers in quarantine.....	18
Immigrants inspected	32
Crew inspected	440
Bill of health issued.....	22

RUSSIA.

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

The following is received from Chargé d'Affaires Schuyler, under date of September 27:

According to a communication received from the foreign office 1,163 cases of cholera have been reported between September 11 and 17, distributed through various parts of Russia. The cities of Saratow, Kamichin, Kazan, and Bakou, and the districts of Novo-ouzensk and Nikolaevsk of the government of Samara, as well as the districts of Saratov and Tzaritzine of the government of Saratov are declared infected with cholera, while the arrondissement of Novorossisk, the governments of Riazan, Tobolsk, Viatka, and Penza, and the territory of Kouban are threatened with the same disease.

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

BRAZIL—Pernambuco.—Two weeks ended August 15, 1907. Estimated population, 210,000. Total number of deaths, 378, including smallpox 108, plague 1, malarial fever 20, whooping cough 1, and 59 from tuberculosis.

São Paulo, Santos, and Campinas.—Week ended August 18, 1907. Estimated population, 300,000. Total number of deaths, 172, including enteric fever 1, measles 1, and 16 from tuberculosis.

Week ended August 25, 1907. Total number of deaths, 151, including diphtheria 1, enteric fever 1, plague 1, whooping cough 2, measles 2, and 16 from tuberculosis.

FALKLAND ISLANDS—*Port Stanley*.—Month of September, 1907. Estimated population, 2,063. Total number of deaths, 6. Five deaths from whooping cough.

FRANCE—*Cherbourg*.—Month of September, 1907. Estimated population, 43,948. Total number of deaths, 62, including enteric fever 4, scarlet fever 1, and 9 from tuberculosis.

Marseille.—Month of September, 1907. Estimated population, 517,498. Total number of deaths, 775, including diphtheria 1, enteric fever 43, measles 2, scarlet fever 1, smallpox 20, whooping cough 2, and 110 from tuberculosis.

Roubaix.—Month of September, 1907. Estimated population, 124,660. Total number of deaths, 128, including enteric fever 2, measles 1, whooping cough 2, and 13 from tuberculosis.

St. Etienne.—Two weeks ended September 15, 1907. Estimated population, 150,000. Total number of deaths 112, including diphtheria 1, enteric fever 2, and 17 from tuberculosis.

GIBRALTAR.—Two weeks ended September 29, 1907. Estimated population, 27,385. Total number of deaths, 12, including enteric fever 1 and 1 from tuberculosis.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 76 great towns in England and Wales during the week ended September 28, 1907, correspond to an annual rate of 14.5 per 1,000 of population, which is estimated at 16,024,458.

Dartmouth.—Month of September, 1907. Estimated population, 7,000. Total number of deaths, 5. No deaths from contagious diseases reported.

London.—One thousand two hundred and fifty-one deaths were registered during the week, including measles 9, scarlet fever 14, diphtheria 25, enteric fever 6, whooping cough 20, tuberculosis 190, and 118 from diarrhea. The deaths from all causes correspond to an annual rate of 13.7 per 1,000. In Greater London 1,779 deaths were registered. In the "outer ring" the deaths included 4 from measles, 3 from diphtheria, and 12 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended September 28, 1907, in the 21 principal town districts of Ireland was 18.1 per 1,000 of the population, which is estimated at 1,117,547. The lowest rate was recorded in Clonmel, viz, 5.1, and the highest in Armagh, viz, 34.4 per 1,000. In Dublin and suburbs 143 deaths were registered, including diphtheria 1, measles 1, typhus fever 1, whooping cough 1, and 33 from tuberculosis.

Scotland.—The deaths registered in 8 principal towns during the week ended September 28, 1907, correspond to an annual rate of 13.6 per 1,000 of the population, which is estimated at 1,812,171. The

highest rate of mortality was recorded in Dundee, viz, 15.7, and the lowest in Aberdeen, viz, 8.7 per 1,000. The aggregate number of deaths registered from all causes was 472, including diphtheria 2, scarlet fever 2, enteric fever 2, measles 6, and 15 from whooping cough.

HAWAII—Honolulu.—Month of September, 1907. Census population, 39,306. Total number of deaths, 55, including enteric fever 2 and 4 from tuberculosis.

ITALY—Florence.—Month of July, 1907. Estimated population, 225,621. Total number of deaths, 333, including diphtheria 6, enteric fever 10, measles 1, whooping cough 7, and 53 from tuberculosis.

JAMAICA—Kingston.—Month of September, 1907. Estimated population, 52,065. Total number of deaths, 134, including enteric fever 4, and 12 from phthisis pulmonalis.

JAPAN—Formosa.—Three weeks ended September 14, 1907. Estimated population, 3,050,004. Total number of deaths not reported. One death from diphtheria, 11 from enteric fever, 4 from cholera, and 12 from plague.

RUSSIA—Riga.—Month of June, 1907. Estimated population, 326,000. Total number of deaths, 681, including diphtheria 5, enteric fever 1, measles 1, scarlet fever 8, smallpox 2, and 1 from typhus fever.

ST. HELENA.—Four weeks ended September 14, 1907. Estimated population, 3,500. Total number of deaths, 3; none from contagious diseases.

SPAIN—Barcelona.—Ten days ended September 30, 1907. Estimated population, 600,000. Total number of deaths, 402, including diphtheria 1, enteric fever 38, measles 1, scarlet fever 1, whooping cough 2, smallpox 2, and 34 from tuberculosis.

Cholera, yellow fever, plague, and smallpox from June 28 to October 25, 1907.

[Reports received by the Surgeon-General, Public Health and Marine-Hospital Service, from American consuls, through the Department of State and from other sources.]

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

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

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Algeria—Algiers	Aug. 1-31 .....	.....	2	Quarantined without the city limits.
Ceylon—Point de Galle.....	June 16-22 .....	.....	2	
China:				
Amoy	June 30-July 6 .....	.....	.....	Kulangsu, 8 deaths daily, estimated. Aug. 3, still present.
Hankow	Aug. 24-31	6	4	
Shanghai	Aug. 4-Sept. 8.....	a 18	440	
Tientsin	Aug. 15-17 .....	.....	.....	3 cases and 2 deaths from steamship from Shanghai.

a Cases among foreigners, deaths among natives.

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

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
India				Burma Province, 1906, 7,872 deaths.
Bombay	May 29-Sept. 24		346	
Calcutta	May 12-Sept. 7		642	
Cochin	May 4-Aug. 9		76	
Kashmir	May 11-July 9	10,565	6,563	From Nov. 1 to June 29, 16,675 cases and 9,705 deaths.
Madras	July 6-Sept. 13		198	
Moulmine	May 5-July 27	42	1	
Rangoon	May 12-Sept. 7		26	
Japan:				
Ehime Ken	Sept. 1-13	2		
Formosa	Sept. 8-14	1	1	
Fukuoka Ken	Aug. 19-Sept. 13	687		
Moji	Aug. 19-Sept. 9	450	400	And 83 cases in vicinity Sept. 9.
Hieroshima Ken	Sept. 1-13	7		
Hyogo Ken	Aug. 24-Sept. 13	102		
Kobé	Aug. 24-Sept. 14	72	28	
Nagasaki Ken	Aug. 30-Sept. 13	25	2	Imported from Moji. 14 cases daily.
Nagatsu	Aug. 31			
Nara	Sept. 1	1		
Oita Ken	Sept. 1-13	57		
Okayama	Sept. 1-13	9		
Okugori	Sept. 1-9	27		
Osaka fu	Aug. 24-Sept. 13	42		
Saseho	Sept. 1			Present.
Yamaguchi Ken	Sept. 1-13	225		
Shimonoseki	Aug. 4-Sept. 4	30		Case Aug. 10 from ss. Hakauai Maru. Present also in vicinity.
Yokohama	July 28-Sept. 23	13	5	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	11	2	
Seoul	Sept. 26			Present.
Manchuria:				
Dalny	Sept. 15-21	2	1	Japanese.
Port Arthur	Sept. 15-24	4	4	Do.
Philippine Islands:				
Manila	July 14-Sept. 7	9	7	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.
Provinces				
Russia:				
Amolinsk Territory	Aug. 21-Sept. 3	1	1	Present.
Archiereiski-Passelok	Aug. 19			Sept. 1 to 9 present at Balochna, Busulusk, Kostroma district; Nikolajwesk, Novouzensk, Sysran, and Zarizyn.
Astrachan, govt. district	July 14-Sept. 10	1,725	881	
Astrachan	Sept. 5-16	476	284	
Jenotajewsk district	Aug. 22-25	1		
Zarew district	Aug. 22-25	3	12	
Ataman-Stanitzza	Aug. 19			Present.
Baku	Aug. 25-Sept. 10	20	5	
Black Sea ports	Aug. 14			Do.
Jaroslaw	July 14-Sept. 8	7	2	
Jurino	Aug. 26	2		
Kamyschin	Sept. 1-9			Do.
Kazan, govt.	Sept. 3-10	21	1	
Kostroma, govt.	Aug. 21-Sept. 10	10	2	
Lodz	Sept. 8	1		
Melekes	Aug. 25	6	2	
Moscow	Aug. 31	1		Imported from Saratov.
Nikolajwesk	Aug. 25	12	8	
Nizhni-Novgorod	Aug. 26-Sept. 9	140	57	
Penza, govt.	Aug. 21-Sept. 3	1	1	
Perm	Aug. 24-Sept. 3	8	2	
Rostow	Sept. 19		2	
Riisan	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. 10	381	191	Do.
Simbirsk, govt.	July 7-Sept. 10	72	19	
Stavropol	July 28-Aug. 5	3		To Sept. 1. Still present.
Tobolsk	Sept. 1-9			Present.
Vladimir, govt.	Aug. 21-Sept. 3	1	1	
Wiatka	Sept. 1-30			Do.
Straits Settlements:				
Singapore	June 9-Sept. 14		138	

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

YELLOW FEVER.

Place.	Date.	Cases.	Deaths.	Remarks.
Brazil:				
Manaos	May 25-Sept. 21		20	
Para	June 9-Sept. 28	52	39	
Rio de Janeiro	May 13-Aug. 25	18	12	
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:				
Habana Province—				
Campo Florido	Aug. 28-Oct. 11	3	2	
Habana	June 25-Oct. 16	9	2	Case June 25 from Union de Reyes; 4 cases from Aug. 30 to Oct. 7 in Habana; 2 cases Sept. 10 and 14 from Palos; cases Oct. 1 and 16 from Cienfuegos.
Palos	Oct. 1-11	6	3	
San Nicolas	July 22-Aug. 14	3	1	
Matanzas Province—				
Alacranes	Aug. 17-Oct. 18	4	1	
Bermeja	Sept. 10	1	1	
Jovellanos	Sept. 24-27	2	1	
Matanzas	Aug. 4-19	3	2	From Mocha.
Union de Reyes	Sept. 29	1	1	Oct. 16. 2 cases in vicinity.
Santa Clara Province—				
Santa Clara	Sept. 18-Oct. 16	2		
Cienfuegos	Aug. 3-Oct. 19	67	17	10 cases among troops. 1 death Sept. 30 at Rodas.
Santiago Province—				
Gibrara	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. 14		11	
Guatemala:				
Puerto Barrios	June 27	1		
Mexico:				
Manzanillo	Aug. 17	1		On ss. San Juan.
Veracruz	Sept. 5	1		
Panama:				
Ancon	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.
Izeli Location	June 23-Aug. 2	6	6	
Izinyoka	Aug. 5	1	1	
Thomas River	Aug. 11-14	1	1	
Wartburg	Aug. 10-21	2	2	
Algeria:				
Oran	Sept. 30			Present.
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. Moshtari occurred on voyage from Bahrein Islands and Bassorah.
Argentina:				
Cordova	June 4			Present.
Australia:				
Brisbane	May 20-July 25	7	5	
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-Sept. 8	36	10	
Pernambuco	June 1-Aug. 15	6	6	
Sao Paulo	Aug. 25	1	1	
Chile:				
Antofagasta	May 11-July 18	72	25	
Arica	July 2-Aug. 6	18		
Pisagua	June 4-July 21			Present.

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

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
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-Aug. 3.....			Present. Aug. 3-24 present in Hinghua and Nantai.
Gai Hai	Aug. 3.....			Present.
Hongkong	May 5-Aug. 31.....	158	144	
Macao	May 1-31.....			Do.
Swatow	June 1-15.....			Do.
Egypt:				
Alexandria	June 4-Sept. 28...	106	60	
Port Said	June 21-Sept. 26..	10	7	
Provinces—				
Assiout	June 6-28.....	20	16	
Behera	June 3-Aug. 20...	43	28	
Beni Souef	June 6-July 23....	15	7	
Dakahieh	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	
French Indo-China:				
Cholon	May 10.....			Do.
Pnompenah	July 26.....			Do.
Saigon	June 28-Aug. 1....	28	28	Present from May 21.
Hawaii:				
Honolulu.....	July 22-Sept. 14...	4	2	1 case on ss. Sierra from San Francisco, Sept. 14.
India:				
Bombay Presidency and Sind.....	Apr. 28-Aug. 24...	23,310	16,556	
Madras Presidency.....	Apr. 28-Aug. 24...	370	261	
Bengal	Apr. 28-Aug. 24...	10,311	9,638	
United Provinces.....	Apr. 28-Aug. 24...	70,784	63,595	
Punjab	Apr. 28-Aug. 24...	338,987	306,345	
Burma	Apr. 28-Aug. 24...	2,347	2,178	
Eastern Bengal and Assam	Apr. 28-July 20...	9	9	
Central provinces, including Berar.	Apr. 28-Aug. 24...	3,382	2,575	
Mysore State	Apr. 28-Aug. 24...	3,489	2,373	
Hyderabad State	Apr. 28-Aug. 24...	394	289	
Central India	Apr. 28-Aug. 24...	391	266	
Rajputana	Apr. 28-Aug. 24...	2,626	1,900	
Kashmir	Apr. 28-Aug. 24...	1,373	809	
Northwest frontier province.	Apr. 28-Aug. 24...	1,790	1,502	
Baluchistan	Apr. 28-June 29...	4	1	
Bahrein Island, in the Persian Gulf.	Apr. 21-July 6....	1,712	1,709	
Grand total.....		461,229	410,006	
Japan:				
Formosa	May 19-Aug. 31...	1,075	944	
Hodagaya	July 6-Aug. 3.....		3	Suburb of Yokohama.
Osaka	May 29-Sept. 14...	8	9	Jan. 1 to June 30, 71 cases. Present Sept. 6.
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. 7-21.....	30	30	
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-Sept. 4....	12	4	
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		

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

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Peru—Continued.				
Huancho	Aug. 24-31	31		And in vicinity.
Lambayeque	May 16-30	1		
Lima	May 16-Sept. 4	23	18	
Mollendo	May 16-Sept. 4	11	6	
Paita City	May 16-July 17	5	6	
Piura	July 25-Aug. 21	6	2	
Querecotillo	July 25-31	1		
San Pedro	Aug. 28-Sept. 4	5	4	
Trujillo	May 16-Aug. 15	78	38	
Viru	Aug. 17-21	9	7	
Philippine Islands:				
Manila	July 23-25	1	1	From German ss. Ferd. Laiesz.
Russia:				
Arkhiereiskaya district	June 20	3		Vicinity of Astrakhan. On ss. Tsarevitch.
Odessa	July 10-14	1	1	
Siam:				
Bangkok	June 1-30	2	2	
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. 3-11	1		
Zanzibar	June 10-July 24	9	9	

SMALLPOX.

Africa:					
Algeria—					
Algiers	June 1-Aug. 31		19	Imported. Do.	
British South Africa—					
Cape Town	Aug. 11-17	1			
East London	June 30-July 6	1			
Kimberly	Aug. 1-31	1			
British West Africa—					
Sierra Leone	Aug. 1-31	2	1		
Portuguese East Africa—					
Lourenço Marquez	Apr. 1-July 31	12			
Argentina:					
Buenos Aires	May 1-31		7		
Rosario	May 1-July 31		44		
Australia:					
New South Wales—					
Newcastle	May 1-June 30	2			
Austria:					
Galicia	May 26-Aug. 31	20			
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-Sept. 21	122	27		
Brazil:					
Bahia	June 1-Sept. 7	161	8		
Manaos	July 21-Aug. 31		5		
Para	June 9-Sept. 28	181	95		
Pernambuco	Apr. 15-July 31		579		
Rio de Janeiro	May 20-Sept. 8	65	18		
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-Oct. 12	28			
Quebec—					
Sherbrooke	June 1-30	2			
Chile:					
Iquique	May 17-Aug. 31			Present.	
China:					
Chefoo	July 14-Aug. 17	4		Case July 20 from ss. Penn- sylvania. On China, merchant ss.	
Foochow	June 26-30	1			
Hankau	May 27-June 15	5			
Hongkong	May 5-Aug. 24	57	48		

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

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
China—Continued.				
Kulangsu	June 1-22			Present.
Newchwang	May 5-18	3		
Shanghai	May 12-Sept. 8	32	425	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.
Colombia:				
Barranquilla	May 1-July 21			Present.
Cartagena	Aug. 3-Sept. 17			Do.
Ecuador:				
Guayaquil	May 26-Sept. 7		10	
Egypt:				
General	Apr. 9-Aug. 19	351	90	Report from May 7 to July 23 not yet received.
Cairo	May 21-Sept. 23	12	9	
France:				
Cannes	May 1-31	9	2	
Lyon	June 5-11		1	
Marseille	June 1-Sept. 30		282	
Nice	May 1-31	1	1	
Paris	June 2-Sept. 28	97	22	
Toulon	Aug. 1-31	2		
Germany:				
General	June 2-Aug. 24	29		
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:				
Piraeus	June 16-Aug. 31	5		
Hawaii:				
Honolulu	June 28	8	3	On ss. Kumeric.
India:				
Bombay	May 12-Sept. 3		16	
Calcutta	May 12-Sept. 7		181	
Madras	June 1-Aug. 30		12	
Rangoon	June 9-Sept. 14		6	
Italy:				
General	June 7-Sept. 26	263		
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. 7	58	3	
Korea:				
Seoul	May 25-June 30			Present.
Luxemburg	June 22-July 6	1		
Madeira:				
Funchal	June 10-Sept. 22	374	63	
Malta:				
Valletta	Sept. 1-7	2	1	
Manchuria:				
Dalny	May 19-July 27	21	2	
Mexico:				
Aguascalientes—				
Aguascalientes	June 16-Oct. 5		78	
Federal District—				
Mexico City	May 19-Sept. 7		93	
Nueva Leon—				
Monterey	June 17-Sept. 29		6	
Yucatan—				
Payo Obispo	July 17			Do.
Netherlands:				
General	May 19-21	1		

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

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Panama:				
Colon.....	June 30-Sept. 9...	5		1 case June 30 from ss. La Normandie from St. Nazaire. Case Sept. 9, on ss. Atrato from Vigo, Spain.
Persia:				
Mash-Had.....	July 1-31.....			Present.
Rasht.....	July 1-31.....			Do.
Shiraz.....	July 1-31.....			Do.
Tabreez.....	July 1-31.....			Do.
Peru:				
Callao.....	Aug. 23.....		1	
Lima.....	Sept. 7.....			Present. And in vicinity.
Philippine Islands:				
Manila.....	Apr. 21-June 15...	6		
Portugal:				
Lisbon.....	June 2-Sept. 28...	84		
Russia:				
Batoum.....	May 1-June 30....	3		
Libau.....	June 17-Sept. 7....	4		
Moscow.....	May 26-Sept. 21....	56	14	
Odesa.....	June 2-Sept. 28....	17	4	
Reval.....	July 1-31.....	4		
Riga.....	June 2-Sept. 14....	48	42	
St. Petersburg.....	May 11-Sept. 14....	62	10	
Warsaw.....	July 14-Aug. 24....		25	
Siberia:				
Vladivostok.....	May 15-July 5....	5		
Spain:				
Almeria.....	May 1-July 31....		20	
Barcelona.....	June 2-Sept. 30....		28	
Cadiz.....	May 1-Aug. 31....		21	
Denia.....	Sept. 1-Oct. 5....	6		
Huelva.....	May 1-31.....		1	
Madrid.....	May 1-June 30....	7		
Malaga.....	June 1-Aug. 31....		17	
Seville.....	May 1-Aug. 31....		32	
Valencia.....	June 10-Oct. 6....	276	25	
Vigo.....	Sept. 22-28.....		1	
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-Sept. 15....		18	
Turkey in Asia:				
Bagdad.....	May 19-Sept. 24....			Present.
Bassorah.....	June 23-Aug. 24....			Do.
Damascus.....	Apr. 7-June 22....			Do.
Smyrna.....	Apr. 16-May 30....		17	
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—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.
Johannesburg	Sept. 7	102,078	80							4			1	
Königsberg	Sept. 28	229,300	86	3							1	2		
La Rochelle	Sept. 30	31,533	2	1										
Lausanne	Sept. 21	54,500	16											
Leeds	Sept. 28	470,268	129	3								3		2
Do	Oct. 6	470,268	143	13							3	1	1	
Leipzig	Sept. 28	518,682	152	23						1				3
Leith	do	83,668	16											1
Liege	Sept. 21	172,741	33										1	
Liverpool	Sept. 28	746,144	305	24						1	2	3	3	6
Do	Oct. 6	746,144	261	11							3	1	3	4
London	Sept. 28	7,217,941	1,779							16	33	16		
Lübeck	do	94,000	23	3										1
Lyon	Sept. 21	472,114	174	37						6		1		2
Magdeburg	do	244,992	70	7							4			1
Mainz	Sept. 28	99,572	40	11										
Managua	Sept. 7	22,278	12	1										
Manaos	Sept. 21	50,000	29	1			3							
Manchester	Sept. 28	631,533	218	19							3		2	5
Mannheim	Sept. 14	173,752	44	4									1	
Do	Sept. 21	173,752	55	5						1		1	2	1
Manzanillo	Oct. 5	1,740	3											
Maracaibo	Aug. 3	49,817	10	3										
Do	Aug. 10	49,817	15	2										
Do	Aug. 17	49,817	9	3										
Do	Aug. 24	49,817	9	4										
Do	Aug. 31	49,817	9	1										
Do	Sept. 7	49,817	5							1				
Do	Sept. 14	49,817	13	5									1	
Do	Sept. 21	49,817	12	3										
Do	Sept. 28	49,817	17	3										
Mazatlan	do	21,000	11											
Messina	Sept. 21	107,000	21	1						2				
Mexico	Sept. 7	400,000	353	19				4	5	1			2	1
Monterey	Oct. 6	100,000	65	8										
Moscow	Sept. 21	1,335,104	637	62						3	11	6	6	8
Munich	do	548,000	174	27								4	1	1
Nagasaki	Aug. 31	168,436	51											
Do	Sept. 7	168,436	59							1				
Do	Sept. 14	168,436	59											
Nantes	Sept. 29	133,247	55	16										
Do	Oct. 6	133,247	51	11						2				
Newcastle on Tyne	Sept. 28	264,511	79	7							2	3	5	
Newchwang	Sept. 7	60,000	27											
Do	Sept. 14	60,000	22											
Nottingham	Sept. 21	250,000	78							1		2	1	3
Do	Sept. 28	250,000	86									1		2
Nuevo Laredo	Oct. 5	8,000	5	1										
Palermo	Sept. 14	330,000	118	6										
Do	Sept. 21	330,000	103	2						1				
Para	Sept. 28	185,000	83	6										
Paris	do	2,776,493	931	223										
Patras	Sept. 14	40,000	23	2							2			
Do	Sept. 21	40,000	28	1							1			
Penang	Sept. 7	100,429	54	9							1			
Piræus	Sept. 28	70,000	31	4						5				
Plymouth	do	116,000	25										1	
Do	Oct. 5	116,000	23											
Port Elizabeth	Sept. 14	32,959	16	5										
Prague	Sept. 28	227,520	99	26						1		1	2	1
Pretoria	Sept. 7	36,839	7											
Queenstown	Sept. 14	7,684	5											
Do	Sept. 21	7,684	2											
Do	Sept. 28	7,684	6											
Rangoon	Sept. 7	252,155	202	12	34	2							1	1
Rio de Janeiro	Sept. 1	628,675	232	52		2							1	
Rotterdam	Sept. 28	399,084	96							3				
Sagua la Grande	do	22,634	9											
Do	Oct. 5	22,634	10											
St. John, N. B.	Oct. 12	40,789	8											
St. Petersburg	Sept. 7	1,600,000	586	81		11				16	7	20	14	3
Do	Sept. 14	1,600,000	486	83						1	22	9	28	4
San Felix de Guixols	Sept. 28	11,094	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.		
San Felin de Guixols	Oct. 5	11,094	2	1												
Santander	Sept. 29	53,574	35													
Schiedam	Sept. 21	30,030	3													1
Do	Sept. 28	30,030	3													
Shanghai	Aug. 25	523,700	463	35		156		19					1			
Do	Sept. 1	523,700	392	1		144		16								
Sheffield	Sept. 21	440,000	171	13						1	2					5
Do	Sept. 28	440,000	160	11									1			8
Southampton	do	119,745	36	6						1						
Do	Oct. 5	119,745	32	3									1			2
South Shields	Sept. 28	113,460	22	5										1		2
Stettin	Sept. 28	255,000	98	5							2		2			
Stockholm	Sept. 7	332,738	86	10									1			1
Do	Sept. 14	332,738	75	11												1
Do	Sept. 21	332,738	78	10						2						2
Suez	Sept. 2	19,786	6							1						
Do	Sept. 9	19,786	7										1			
Do	Sept. 16	19,786	13	2												
Do	Sept. 23	19,786	9							1						
Sunderland	Sept. 28	155,859	39	3						1						
Tampico	Oct. 6	20,000	15	1												
Tarragona	Sept. 28	20,400	8	1												1
Togucigalpa	Sept. 25	24,000	16													
Trieste	Sept. 28	200,962	111							3						
Tuxpam	Oct. 1	13,000	10													
Valencia	Sept. 29	250,000	84	10				3		3	3			1		
Veracruz	Sept. 28	32,000	39	11												
Victoria, B. C.	Oct. 5	25,000	5	1												
Vigo	Sept. 28	36,000	7					1								
Warsaw	Aug. 24	764,611	262	26				6	1	6	6	3				5
West Hartlepool	Sept. 28	66,750	17													
Winnipeg	Oct. 5	111,000	54							1						
Do	Oct. 12	111,000	11							2						
Zurich	Sept. 28	176,645	33	6												

By authority of the Secretary of the Treasury:

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