

PUBLIC HEALTH REPORTS.

UNITED STATES.

NOTE ON AN ORGANISM FOUND IN YELLOW-FEVER TISSUE.

[By Asst. Surg. A. M. Stimson, Hygienic Laboratory, Public Health and Marine-Hospital Service.]

The spirochætal origin of yellow fever has been suggested by Schaudinn and by Novy, but so far as I know no organism belonging to the genus *Spirochæta* has been reported as having been found in yellow-fever tissues. I have examined some tissues for this class of organisms, using the method of Levaditi, as employed for the demonstration of *Treponema pallidum* in syphilis. The available yellow-fever material was unfortunately limited to the tissues from one case, all other specimens having been fixed otherwise than in formalin, which is required by Levaditi's method. The brain, liver, heart, and kidneys were examined. Nothing of special interest was observed in the first three, but in the kidney a very definite organism was found, having the following characters: Color, opaque black, in sharp contrast to the surrounding tissues; general appearance strongly suggesting a *spirochæte*; often irregularly curved, but some individuals having a regular series of alternate curves, no other indication of segments being observed; one or both extremities often bent back in the form of a hook; entire length variable up to $14\ \mu$ or more; width estimated at $\frac{1}{2}\ \mu$; length of short curves, $1\frac{1}{2}$ to $2\ \mu$. It was confined to the cells and lumina of the tubules of the kidney, none being observed in the blood vessels, glomeruli, or interstitial tissue. While in some fields no organisms were present, in others large numbers were crowded together or scattered individuals were observed. The kidney from another case of yellow fever, where the tissue had been fixed in bichloride of mercury and acetic acid, was examined, and while no stained organisms were found, structures resembling those described were present in an unstained condition. The organisms were not found in kidney tissue from a patient dying of malaria, although the tissue was properly fixed and stained.

The object of this report is simply to invite attention to the findings in a single case, since no opinion as to the significance of this organism can be formed from such meager data. For convenience of reference I would suggest that the organism be called (*?Spirochæta*) *interrogans*, the specific name being suggested by the form, somewhat resembling a question mark, which the organism frequently assumed in my preparations.

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

Report from San Francisco, Cal.—Cerebro-spinal meningitis in San Francisco and in the Sacramento Valley.

Surgeon Austin reports, April 25:

Cerebro-spinal meningitis is prevailing in San Francisco. The board of health states that 12 deaths have occurred in the city from the disease since April 1, and that there are 15 cases at present in the city. Buildings in which the disease has occurred are disinfected by the board of health. A special dispatch from Sacramento, Cal., states that the entire Sacramento Valley is alarmed at the epidemic of

cerebro-spinal meningitis which is sweeping over that entire section, causing many deaths.

Report from Cairo, Ill.—Increased prevalence of measles.

Surgeon Guiteras reports, April 26, a great increase in number of cases of measles.

Report from Evansville, Ind.—Epidemic measles.

Surgeon Stoner reports, April 27:

The epidemic of measles has been steadily spreading and has now reached almost every section of the city. Eight new cases were reported to the city board of health yesterday, bringing the total up to 220. One death was reported.

No such number of cases as exist this year has been reported to the city board of health since 1900, when in the months of April and May there were, respectively, 346 and 245 cases, with 6 deaths. In 1893 there were, during the whole year, 659 cases, with 4 deaths.

In 1887, the earliest year in which health reports are available, there were 491 cases. The only other year which shows a notable increase is 1897, when there were 456 cases, with 3 deaths. Since the records have been kept measles has caused a total of 26 deaths in this city. With the exception of these years the total of measles ran from 100 to 200.

The measures adopted during the present prevalence to prevent the spread of the disease consist of isolation of the sick in their own homes and avoidance of the exposure of others. The origin of the outbreak is not known.

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

Acting Assistant Surgeon Young reports, April 22:

Week ended April 20, 1907: Inspected about 2,000 passengers at this port, carried in 18 trains; vaccinated 149; accepted certificates of vaccination and nonexposure to infection in the case of 32.

New Glasgow is again reported free from smallpox. Stellarton reports only 6 houses under quarantine and Westville only a few cases; Trenton, 2 miles from New Glasgow, has now only 1 house under quarantine, while at Sunnybrae, a small community, practically the whole town is infected. The foregoing covers Pictou County. Cumberland County still remains free from infection, while in the other counties conditions remain practically unchanged.

Report from Hoquiam, Wash.—Smallpox.

Acting Assistant Surgeon Frary reports, April 17:

There is 1 case of smallpox of a mild form at this station. The case is isolated and under strict quarantine by the city authorities. There are 4 cases at Aberdeen, 4 miles east of this station, and reported by the health officer of that city to be also of a mild form. They are held under strict quarantine by the city authorities of Aberdeen.

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

CALIFORNIA—*Sacramento*.—Month of March, 1907. Estimated population, 40,000. Total number of deaths, 53, including enteric

fever 1, measles 2, whooping cough 1, and 9 from phthisis pulmonalis. Cases of contagious diseases reported: Diphtheria 3, enteric fever 3, measles 47, and whooping cough 1.

CONNECTICUT—Bridgeport.—Month of March, 1907. Estimated population, 95,000. Total number of deaths, 143, including diphtheria 4, measles 2, scarlet fever 2, and 16 from tuberculosis. Cases of contagious diseases reported: Diphtheria 12, enteric fever 2, measles 68, scarlet fever 26, whooping cough 1, and phthisis pulmonalis 10.

Stamford.—Month of February, 1907. Estimated population, 20,000. Total number of deaths not reported. Cases of contagious diseases reported: Diphtheria 2, enteric fever 7, measles 14, scarlet fever 5, and tuberculosis 1. Month of March, 1907. Total number of deaths not reported. Cases of contagious diseases reported: Diphtheria 2, enteric fever 4, measles 13, scarlet fever 4, and tuberculosis 1.

FLORIDA.—Reports to the State board of health for the week ended April 20, 1907, show as follows: Enteric fever—*Arcadia* and *Wau-chula*, 2 cases; *Jacksonville*, 4 cases; *Port Tampa* and *Ybor City*, 2 cases; *Crescent City*, 1 case. Smallpox—*Tampa*, 7 cases; *Loughman*, 1 case; *Jay*, 10 cases. Tuberculosis—*Jacksonville*, 1 case; *Tampa* and *Ybor City*, 2 cases.

ILLINOIS—Evanston.—Month of February, 1907. Estimated population, 23,000. Total number of deaths, 34, including scarlet fever 3 and 3 from tuberculosis. Cases of contagious diseases reported: Scarlet fever 16.

Month of March, 1907. Total number of deaths, 25, including 2 from enteric fever. Cases of contagious diseases reported: Measles 4 and scarlet fever 23.

MINNESOTA.—Month of February, 1907. Estimated population, 1,979,658. Reports to the State board of health show as follows: Total number of deaths, 1,422, including diphtheria 27, enteric fever 37, measles 3, scarlet fever 8, smallpox 1, whooping cough 5, and 151 from tuberculosis. Deaths reported from State institutions during the month numbered 21, including enteric fever 1, scarlet fever 1, and 1 from tuberculosis.

Minneapolis.—Month of March, 1907. Estimated population, 285,000. Total number of deaths, 268, including diphtheria 3, enteric fever 9, scarlet fever 2, smallpox 1, whooping cough 1, and 36 from tuberculosis. Cases of contagious diseases reported: Diphtheria 24, enteric fever 16, scarlet fever 72, smallpox 70, and tuberculosis 27.

St. Paul.—Month of March, 1907. Estimated population, 210,000. Total number of deaths reported to the department of health, 184, including diphtheria 5, enteric fever 3, scarlet fever 1, whooping cough 1, and 26 from tuberculosis. Cases of contagious diseases reported: Diphtheria 50, scarlet fever 26, and smallpox 8.

NEBRASKA—Lincoln.—Month of January, 1907. Estimated population, 50,000. Total number of deaths, 46, including diphtheria 1,

enteric fever 1, and 5 from tuberculosis. Cases of contagious diseases reported: Diphtheria 11, scarlet fever 2, and smallpox 24.

Month of February, 1907. Total number of deaths, 48, including diphtheria 2 and 6 from tuberculosis. Cases of contagious diseases reported: Diphtheria 7, measles 5, scarlet fever 4, and smallpox 11.

Month of March, 1907. Total number of deaths, 52, including 7 from tuberculosis. Cases of contagious diseases reported: Diphtheria 8, measles 14, scarlet fever 2, and smallpox 14.

NEW HAMPSHIRE—*Manchester*.—Year ended December 31, 1906. Estimated population, 64,793. Total number of deaths, 1,329, including diphtheria 30, enteric fever 5, scarlet fever 1, whooping cough 17, and 96 from tuberculosis. Cases of contagious diseases were reported during the year as follows: Diphtheria 197, enteric fever 32, measles 23, and scarlet fever 93.

NEW JERSEY—*Hudson County*.—Month of January, 1907. Estimated population, 475,267. Total number of deaths, 812, including diphtheria 10, enteric fever 6, measles 1, scarlet fever 4, whooping cough 2, and 107 from phthisis pulmonalis. Month of February, 1907. Total number of deaths, 786, including diphtheria 11, enteric fever 3, measles 3, scarlet fever 5, whooping cough 4, and 95 from phthisis pulmonalis. Month of March, 1907. Total number of deaths, 702, including diphtheria 17, enteric fever 3, measles 3, scarlet fever 11, and 85 from phthisis pulmonalis.

Paterson.—Month of March, 1907. Estimated population, 114,127. Total number of deaths, 189, including diphtheria 2, scarlet fever 1, and 24 from tuberculosis. Cases of contagious diseases reported: Diphtheria 24, scarlet fever 26, and tuberculosis 24.

OHIO—*East Liverpool*.—Month of March, 1907.—Estimated population, 20,000. Total number of deaths, 29, including enteric fever 1 and 4 from tuberculosis. Cases of contagious diseases reported: Diphtheria 3, enteric fever 1, and tuberculosis 4.

PENNSYLVANIA—*York*.—Month of March, 1907. Estimated population, 49,000. Total number of deaths, 51, including 5 from phthisis pulmonalis. Cases of contagious diseases reported: Diphtheria 5, enteric fever 2, whooping cough 1, and tuberculosis 1.

SOUTH CAROLINA—*Charleston*.—Month of March, 1907. Estimated population, 65,000. Total number of deaths, 108, including enteric fever 1, whooping cough 1, and 12 from tuberculosis. Cases of contagious diseases reported: Diphtheria 1, enteric fever 6, scarlet fever 1, and smallpox 1.

TEXAS—*Laredo*.—Month of March, 1907. Estimated population, 16,500. Total number of deaths, 49, including enteric fever 1, measles 1, and 6 from tuberculosis.

WASHINGTON—*Bellingham*.—Month of March, 1907. Estimated population, 29,000. Total number of deaths, 20, including enteric fever 1, measles 1, and 3 from tuberculosis. Cases of contagious diseases reported: Enteric fever 3, measles 65, scarlet fever 3, and tuberculosis 4.

Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, December 28, 1906, to May 3, 1907.

[For reports received from June 29, 1906, to December 28, 1906, see PUBLIC HEALTH REPORTS for December 28, 1906.]

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

Place.	Date.	Cases.	Deaths.	Remarks.
Arkansas:				
Fort Smith.....	Dec. 2-15.....	2		
Total for State.....		2		
California:				
General.....	Dec. 1-Feb. 28....		2	
Los Angeles.....	Dec. 23-Apr. 7....	6		
Plumas County, Quincy included.	Dec. 1-15.....	10		
San Francisco.....	Dec. 6-Apr. 20....	7		
Total for State.....		23	2	
Colorado:				
Boulder County.....	Nov. 1-30.....	1		
Conejos County.....	Nov. 1-30.....	1		
Denver County, Denver.....	Dec. 1-31.....	7		
La Plata County.....	Dec. 1-31.....	1		
Las Animas County.....	Nov. 1-Dec. 31....	45		
Logan County.....	Nov. 1-30.....	1		
Otero County.....	Nov. 1-Dec. 31....	2		
Pueblo County.....	Nov. 1-Dec. 31....	6		
Weld County.....	Dec. 1-31.....	13		
Total for State.....		77		
Connecticut:				
Manchester.....	Dec. 1-31.....	1		
Stamford.....	Jan. 1-31.....	1		
Total for State.....		2		
Delaware:				
Reedy Island Quarantine.	Dec. 22-27.....	1		On ss. Oswestry from Huelva, Spain.
Total for State.....		1		
District of Columbia:				
Washington.....	Apr. 16-20.....	1		
Total for District.....		1		
Florida:				
Duval County, Jacksonville	Feb. 17-Apr. 13....	6		
Hillsboro County, Tampa included.	Mar. 3-Apr. 20....	28		
Hudson County, Madison included.	Apr. 1-6.....	1		
Marion County, Reddick and Anthony included.	Jan. 20-26.....	7		
Polk County, Barstow, Lakeland, and Loughman included.	Jan. 20-Apr. 20....	60		
Santa Rosa County, Jay included.	Apr. 7-20.....	16		
Suwannee County, Live Oak included.	Mar. 24-30.....	1		
Total for State.....		119		
Georgia:				
Augusta.....	Dec. 26-Apr. 9....	84		
Total for State.....		84		
Illinois:				
Abingdon.....	Nov. 10-16.....	1		
Belleville.....	Feb. 23-Apr. 20....	2		
Chicago.....	Dec. 23-Apr. 27....	30	1	Imported.
Danville.....	Dec. 21-Mar. 27....	2		
Elgin.....	Feb. 1-28.....	1		Do.
East Peoria.....	Jan. 1-20.....	2		
Galesburg.....	Dec. 16-Apr. 20....	119		Do.
Hoopestown.....	Dec. 25-Jan. 15....	2		
Jacksonville.....	Jan. 11-Feb. 15....	3		
Moline.....	Oct. 1-Nov. 9.....	3		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Illinois—Continued.				
Peoria.....	Jan. 20-Apr. 6....	86		Imported.
Sandwich.....	Dec. 1-14.....	1		
Springfield.....	Feb. 22-Mar. 14....	2		
Stark County, including Castleton and Toulon.	Jan. 12-Feb. 28....	295		
Stronghurst.....	Dec. 20-Jan. 10....	3		
Vermilion County, Dan- ville.	Mar. 16-27.....	3		Present.
Victoria.....	Jan. 1-7.....			
Viola.....	Oct. 25-Dec. 25....	5		
Total for State.....		560	1	
Indiana:				
Allen County.....	Dec. 1-31.....	1		
Benton County.....	Dec. 1-31.....	1		
Cass County.....	Dec. 1-Feb. 28....	3		
Clark County.....	Nov. 1-Feb. 28....	4		
Daviess County.....	Nov. 1-Dec. 31....	2		
Dekalb County.....	Feb. 1-28.....	5		
Elkhart County, Elkhart included.	Dec. 1-Apr. 20....	19		
Floyd County.....	Feb. 1-28.....	2		
Fulton County.....	Nov. 1-Feb. 28....	78		
Grant County, Marion in- cluded.	Nov. 1-Mar. 31....	39		
Hendricks County.....	Jan. 1-Feb. 28....	16		
Henry County.....	Nov. 1-30.....	1		
Howard County.....	Dec. 1-Feb. 28....	15		
Huntington County.....	Feb. 1-28.....	2		
Jasper County.....	Dec. 1-31.....	2		
Jefferson County.....	Nov. 1-Feb. 28....	225		
Jennings County.....	Nov. 1-Feb. 28....	13		
Knox County.....	Feb. 1-28.....	1		
Lake County.....	Feb. 1-28.....	1		
Laporte County, Michigan City.	Feb. 1-28.....	1		
Marion County, Indianap- olis included.	Dec. 1-Apr. 21....	85	3	
Marshall County.....	Nov. 1-Feb. 28....	27		
Miami County.....	Nov. 1-Feb. 28....	267	1	
Monroe County.....	Jan. 1-31.....	2		
Morgan County.....	Feb. 1-28.....	20		
Noble County.....	Feb. 1-28.....	1		
Pulaski County.....	Nov. 1-Feb. 28....	54		
Ripley County.....	Nov. 1-30.....	2		
Scott County.....	Feb. 1-28.....	1		
Starke County.....	Nov. 1-Dec. 31....	22		
St. Joseph County, South Bend included.	Dec. 1-Apr. 20....	68		
Tippecanoe County, La- fayette included.	Jan. 15-Apr. 15....	18		
Vigo County, Terre Haute included.	Jan. 20-31.....	1		
Wabash County.....	Dec. 1-Feb. 28....	6		
Washington County.....	Dec. 1-31.....	8		
Wells County.....	Jan. 1-Feb. 28....	3		
Total for State.....		1,016	4	
Iowa:				
Clay County—				Do.
Everly.....	Mar. 26-30.....			
Spencer.....	Jan. 8-31.....	5		
Clinton County, Clinton included.	Jan. 28-Mar. 23....	3		
Des Moines County, Bur- lington.	Feb. 1-28.....	1		
Dubuque County, Du- buque.	Mar. 18.....	25		
Iowa County, North Eng- lish.	Dec. 1-Feb. 10....	75		
Linn County, Cedar Rap- ids.	Feb. 1-Mar. 31....	2		
Mahaska County, Oska- loosa included.	May 28-Feb. 22....	141		
Plymouth County, Akron.	Nov. 1-Feb. 28....	2		
Polk County, Des Moines..	Nov. 22-Feb. 28....	16	1	
Scott County, Davenport.	Feb. 14-Apr. 15....	5		
Wapello County, Ottumwa	Dec. 1-Mar. 31....	4		
Total for State.....		279	1	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Kansas:				
Allen County.....	Dec. 1-31.....	3	1	
Atchison County.....	Feb. 1-28.....	1	1	
Barber County.....	Jan. 1-31.....	3	2	
Barton County.....	Feb. 1-28.....	2	2	
Bourbon County.....	Dec. 1-Jan. 31.....	2	1	
Brown County.....	Dec. 1-31.....	1	1	
Butler County.....	Nov. 1-Feb. 28.....	14	6	
Cheyenne County.....	Nov. 1-30.....	6	28	
Clark County.....	Jan. 1-Feb. 28.....	28	1	
Clay County.....	Feb. 1-28.....	1	21	
Cowley County.....	Dec. 1-Feb. 28.....	21	10	
Crawford County.....	Jan. 1-31.....	10	18	
Dickinson County.....	Jan. 1-Feb. 28.....	18	1	
Doniphan County.....	Dec. 1-31.....	1	1	
Douglas County, Lawrence	Feb. 1-28.....	1	5	
Ellis County.....	Jan. 1-31.....	1	5	
Ford County.....	Feb. 1-28.....	5	14	
Geary County.....	Dec. 1-Jan. 31.....	5	1	
Graham County.....	Jan. 1-Feb. 28.....	14	1	
Greenwood County.....	Dec. 1-31.....	1	1	
Jackson County.....	Dec. 1-31.....	1	2	
Jefferson County.....	Dec. 1-Jan. 31.....	2	3	
Johnson County.....	Feb. 1-28.....	3	3	
Kearny County.....	Nov. 1-Feb. 28.....	3	4	
Leavenworth County.....	Nov. 1-Feb. 28.....	4	6	
Linn County.....	Jan. 1-31.....	6	11	
Marion County.....	Jan. 1-Feb. 28.....	11	1	
Marshall County.....	Jan. 1-31.....	1	27	
Montgomery County, Coffeyville included.	Nov. 1-Feb. 28.....	27	1	
Morris County.....	Dec. 1-31.....	1	12	
Nemaha County.....	Jan. 1-Feb. 28.....	12	10	
Ness County.....	Jan. 1-Feb. 28.....	10	2	
Norton County.....	Jan. 1-Feb. 28.....	2	9	
Osborne County.....	Nov. 1-Feb. 28.....	9	2	
Pawnee County.....	Dec. 1-31.....	2	1	
Pottawatomie County.....	Feb. 1-28.....	1	21	
Pratt County.....	Feb. 1-28.....	21	14	
Reno County.....	Jan. 1-Feb. 28.....	14	2	
Russell County.....	Dec. 1-31.....	2	22	
Sedgwick County, Wichita included.	Nov. 1-Feb. 28.....	22	16	
Shawnee County, Topeka included.	Nov. 1-Mar. 30.....	16	18	
Sheridan County.....	Feb. 1-28.....	18	33	
Sherman County.....	Jan. 1-Feb. 28.....	33	18	
Smith County.....	Feb. 1-28.....	18	17	
Stevens County.....	Nov. 1-Feb. 28.....	17	1	
Sumner County.....	Feb. 1-28.....	1	2	
Trego County.....	Jan. 1-31.....	2	2	
Wallace County.....	Dec. 1-31.....	2	2	
Washington County.....	Nov. 1-30.....	2	1	
Woodson County.....	Dec. 1-31.....	1	6	4 imported.
Wyandotte County, Kansas City.	Feb. 3-Mar. 30.....	6		
Total for State.....		408		
Kentucky:				
Louisville.....	Mar. 29-Apr. 25.....	18		
Total for State.....		18		
Louisiana:				
New Orleans.....	Dec. 23-Apr. 20.....	150	7	35 imported.
Shreveport.....	Dec. 23-Apr. 13.....	5		
Total for State.....		155	7	
Maryland:				
Baltimore.....	Feb. 10-23.....	2		
Total for State.....		2		
Massachusetts:				
Boston.....	Mar. 17-30.....	2		
Chelsea.....	Mar. 3-Apr. 13.....	12		
Haverhill.....	Apr. 1-16.....	2		
Lawrence.....	Mar. 24-Apr. 20.....	71		
Total for State.....		87		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Michigan:				
Ann Arbor.....	Jan. 13-26.....	2		
Centerville.....	To Feb. 20.....	36		
Detroit.....	Dec. 23-Apr. 27.....	94		
Kalamazoo.....	Jan. 27-Mar. 9.....	6		
Saginaw.....	Apr. 7-20.....	2		
Total for State.....		140		
Minnesota:				
Aitkin County.....	Jan. 8-14.....	1		
Becker County.....	Dec. 11-Feb. 18.....	29		
Beltrami County.....	Dec. 18-Mar. 4.....	25		
Carver County.....	Jan. 1-Feb. 25.....	71		
Cass County.....	Dec. 11-Jan. 21.....	39		
Chippewa County.....	Jan. 1-Mar. 4.....	2		
Chisago County.....	Jan. 15-Mar. 11.....	2		
Clay County.....	Dec. 18-21.....	5		
Dakota County.....	Jan. 8-14.....	1		
Faribault County.....	Feb. 5-Mar. 4.....	10		
Goodhue County.....	Dec. 18-Mar. 18.....	3		
Grant County.....	Dec. 25-Jan. 14.....	2		
Hennepin County, Minne- apolis included.....	Dec. 11-Mar. 11.....	177		
Hubbard County.....	Dec. 11-Jan. 7.....	13		
Isanti County.....	Dec. 11-Jan. 7.....	2		
Itasca County.....	Dec. 11-Mar. 2.....	14		
Kittson County.....	Jan. 15-21.....	1		
Lac qui Parle County.....	Jan. 15-21.....	1		
Lake County.....	Jan. 11-14.....	6	1	
Lesueur County.....	Jan. 15-Mar. 2.....	8		
Morrison County.....	Jan. 20-Feb. 4.....	3		
Mower County.....	Jan. 22-Mar. 2.....	3		
Nicollet County.....	Jan. 20-Feb. 4.....	2		
Nobles County.....	Feb. 19-Mar. 2.....	2		
Ottertail County.....	Jan. 15-21.....	9		
Pine County.....	Feb. 12-18.....	3		
Polk County.....	Dec. 11-Mar. 11.....	7		
Pope County.....	Dec. 11-31.....	3		
Ramsey County, St. Paul included.....	Dec. 11-Feb. 28.....	23		
Rock County.....	Jan. 8-14.....	1		
St. Louis County, Duluth included.....	Dec. 1-Mar. 11.....	48		
Scott County.....	Jan. 22-Mar. 11.....	5		
Stearns County.....	Dec. 11-Feb. 25.....	3		
Swift County.....	Dec. 18-31.....	2		
Todd County.....	Dec. 18-Jan. 28.....	8		
Wadena County.....	Dec. 17-Jan. 14.....	6		
Waseca County.....	Dec. 24-Feb. 11.....	4		
Washington County, Still- water included.....	Jan. 1-Mar. 30.....	28		
Wilkin County.....	Dec. 11-Feb. 25.....	2		
Winona County, Winona.....	Mar. 10-Apr. 20.....	11		
Total for State.....		584	1	
Mississippi:				
Gulfport.....	Mar. -25.....	1		Imported.
Natchez.....	Jan. 20-Apr. 6.....	17		
Total for State.....		18		
Missouri:				
Jefferson City.....	Jan. 20-Mar. 4.....	46		
St. Joseph.....	Dec. 16-Apr. 20.....	261	2	
St. Louis.....	Jan. 13-Apr. 20.....	20		
Total for State.....		327	2	
Montana:				
Cascade County.....	Jan. 1-31.....	1		
Choteau County.....	Dec. 1-31.....	5		
Dawson County.....	Dec. 1-31.....	2		
Lewis and Clarke County, Helena included.....	Jan. 1-31.....	1		
Silver Bow County.....	Jan. 1-31.....	1		
Total for State.....		10		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
New Jersey:				
Hoboken.....	Mar. 24-Apr. 25...	3	.....
Newark.....	Mar. 17-30.....	3	.....
Total for State.....		6		
New York:				
Allegany County—				
Alfred.....	Jan. 1-Feb. 3.....	1	.....
Ward Township.....	Jan. 1-Feb. 12.....	5	.....
Broome County—				
Binghamton.....	Jan. 1-Mar. 23.....	4	.....
Deposit.....	Jan. 1-Mar. 1.....	40	.....
Lestershire.....	Jan. 1-Mar. 2.....	1	.....
Chautauqua County, West-	Feb. 1-Mar. 2.....	.....	.....	Present.
field.				
Chemung County—				
Southport.....	Feb. 1-Mar. 2.....	1	.....
Veteran Township.....	Jan. 1-Feb. 3.....	1	.....
Chenango County, Norwich	Feb. 1-Mar. 1.....	1	.....
Greene County, Catskill...	Jan. 1-Feb. 3.....	1	.....
Madison County, Canas-	Jan. 1-Mar. 2.....	3	.....
tota.				
New York County, New	Dec. 16-Apr. 20...	37	2	
York.				
Ontario County, Naples....	Jan. 1-Feb. 3.....	.....	.....	Do.
Orange County—				
Middletown.....	Feb. 1-Mar. 3.....	.....	.....	Do.
Port Jarvis.....	Feb. 1-Mar. 3.....	1	.....
Schuyler County, Watkins.	Jan. 1-Feb. 3.....	2	.....
Stauben County, Avoca....	Feb. 1-Mar. 1.....	1	.....
Ulster County, Ellenville...	Feb. 1-Mar. 3.....	.....	.....	Do.
Total for State.....		99	2	
North Carolina:				
Alamance County.....	Nov. 1-Feb. 28.....	26	.....
Anson County.....	Jan. 1-Feb. 28.....	11	.....
Ashe County.....	Nov. 1-Jan. 31.....	14	.....
Bertie County.....	Dec. 1-Jan. 31.....	2	.....
Catawba County.....	Jan. 1-31.....	1	.....
Chatham County.....	Jan. 1-31.....	6	.....
Chowan County.....	Feb. 1-28.....	50	.....
Cleveland County.....	Feb. 1-28.....	3	.....
Cumberland County.....	Jan. 1-31.....	1	.....
Currituck County.....	Dec. 1-Feb. 28.....	3	.....
Duplin County.....	Feb. 1-28.....	3	.....
Durham County.....	Dec. 1-Feb. 28.....	79	.....
Franklin County.....	Dec. 1-Jan. 31.....	10	.....
Gaston County.....	Jan. 1-Feb. 28.....	6	.....
Granville County.....	Feb. 1-28.....	1	.....
Gulford County, Greens-	Nov. 1-Apr. 20.....	27	.....
boro included.				
Halifax County.....	Jan. 1-31.....	2	.....
Harnett County.....	Feb. 1-28.....	10	.....
Hertford County.....	Jan. 1-Feb. 28.....	18	.....
Hyde County.....	Feb. 1-28.....	1	.....
Johnston County.....	Dec. 1-Jan. 31.....	8	.....
Jones County.....	Jan. 1-31.....	1	.....
Mecklenburg County,	Feb. 10-Apr. 13.....	7	.....
Charlotte included.				
Northampton County.....	Jan. 1-Feb. 28.....	3	.....
Person County.....	Nov. 1-30.....	1	.....
Randolph County.....	Nov. 1-Feb. 28.....	48	.....
Richmond County.....	Dec. 1-Feb. 28.....	11	.....
Rutherford County.....	Jan. 1-31.....	4	.....
Union County.....	Jan. 1-31.....	1	.....
Vance County.....	Jan. 1-31.....	1	.....
Wake County.....	Nov. 1-Feb. 28.....	235	.....
Wayne County.....	Jan. 1-Feb. 28.....	9	.....
Total for State.....		603		
North Dakota:				
Benson County.....	Nov. 1-Dec. 31.....	10	.....
Bottineau County.....	Nov. 1-Jan. 31.....	2	1	
Cass County.....	Jan. 1-31.....	1	.....
Emmons County.....	Sept. 1-Dec. 31.....	43	.....
Grand Forks County.....	Jan. 1-31.....	1	.....
Griggs County.....	Oct. 1-Jan. 31.....	10	.....
McLean County.....	Nov. 1-Dec. 31.....	8	.....

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
North Dakota—Continued.				
Ramsey County	Oct. 1-31	5		
Ransom County	Nov. 1-Jan. 31	1		
Rolette County	Nov. 1-Jan. 31	6		
Stark County	Sept. 1-30	2		
Steele County	Nov. 1-Jan. 31	14		
Stutsman County	Sept. 1-Dec. 31	2	1	
Ward County	Nov. 1-Jan. 31	18		
Wells County	Oct. 1-Jan. 31	16		
Williams County	June 1-Nov. 30	3		
Total for State		142	2	
Ohio:				
General	June 10-Mar. 2	142		
Canton	Mar. 3-30	3		
Cincinnati	Jan. 12-Apr. 26	11		
Cleveland	Mar. 9-Apr. 12	5		
Columbus	Feb. 1-28	1		
Hamilton	Feb. 10-16	9		
Springfield	Mar. 1-31	1		
Toledo	Dec. 1-Apr. 20	9		
Total for State		181		
Oregon:				
Milton	Jan. 10-Feb. 23	10		
Portland	Jan. 1-Feb. 28	5		
Total for State		15		
Pennsylvania:				
Homestead	Feb. 15-Mar. 7	4		
Wells	Sept. 1-Jan. 1	22		
Total for State		26		
South Carolina:				
Charleston	Mar. 1-31	1		
Total for State		1		
South Dakota:				
Sioux Falls	Jan. 27-Mar. 30	11		
Total for State		11		
Tennessee:				
Nashville	Mar. 10-Apr. 13	3		
Total for State		3		
Texas:				
Bell County, Temple included.	Mar. 25-Apr. 6	207		
Corpus Christi	Apr. 13	2		Imported.
Fort Worth	Feb. 28			Epidemic.
Galveston	Feb. 19-Apr. 6	8		
Houston	Dec. 30-Apr. 20	120		
Hunt County	Jan. 1-Mar. 8	25		
Laredo	Apr. 13	1		Imported.
San Antonio	Dec. 1-Apr. 6	14		
Williamson County	Dec.—to Mar. 23	75	1	
Total for State		452	1	
Utah:				
Boxelder County	Nov. 1-Dec. 31	6		
Cache County	Nov. 1-Feb. 28	12		
Carbon County	Dec. 1-Feb. 28	27		
Emery County	Nov. 1-Feb. 28	49		
Salt Lake County, Salt Lake included.	Dec. 1-30	1		
Sevier County	Nov. 1-30	8		
Summit County	Nov. 1-Jan. 31	13		
Utah County	Jan. 1-Feb. 28	13		
Wasatch County	Nov. 1-Dec. 31	70		
Weber County, Ogden included.	Jan. 1-Mar. 31	12		
Total for State		211		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Virginia:				
Amelia County.....	Dec. 1-31.....	14	Epidemic.
Dinwiddie County.....	Dec. 1-31.....	4	.....
Goochland County.....	Dec. 1-31.....	1	.....
Hanover County, Atlee and Ellerson included.	Dec. 1-Jan. 31.....	35	.....
Henrico County, Rich- mond.	Dec. 1-Mar. 30....	21	.....
Lee County.....	Dec. 1-31.....	.....	.....
Louisa County, Fredericks Hall included.	Dec. 1-31.....	6	.....
Nansemond County.....	Dec. 1-31.....	1	.....
Nelson County.....	Dec. 1-31.....	4	.....
Norfolk County, Norfolk included.	Jan. 1-17.....	1	.....
Nottoway County.....	Dec. 1-31.....	9	.....
Pittsylvania County.....	Dec. 1-31.....	6	.....
Powhatan County.....	Dec. 1-31.....	1	.....
Sussex County.....	Dec. 1-31.....	.....	.....
Total for State.....	.....	106	.....
Washington:				
Aberdeen.....	Apr. 11-17.....	4	15 imported.
Hoquiam.....	Apr. 11-17.....	1	.....
Seattle.....	Jan. 1-Mar. 30.....	22	.....
Spokane.....	Dec. 16-Apr. 20.....	193	2	
Tacoma.....	Feb. 3-20.....	3	.....
Total for State.....	.....	223	2
Wisconsin:				
Adams County.....	Nov. 1-Dec. 31.....	13	
Brown County.....	Nov. 1-30.....	6	.....
Columbia County.....	Oct. 1-Nov. 30.....	4	.....
Dane County.....	Oct. 1-Dec. 31.....	14	.....
Dodge County.....	Nov. 1-Dec. 31.....	19	.....
Douglas County.....	Oct. 1-31.....	2	.....
Eau Claire County.....	Nov. 1-Dec. 31.....	9	.....
Fond du Lac County, Fond du Lac included.	Dec. 1-Feb. 28.....	2	.....
Jefferson County.....	Nov. 1-Dec. 31.....	8	.....
La Crosse County, La Crosse.	Dec. 16-Apr. 13.....	11	.....
Langlade County.....	Oct. 1-Nov. 30.....	17	.....
Manitowoc County.....	Oct. 1-Dec. 31.....	38	.....
Marathon County.....	Oct. 1-Dec. 31.....	10	.....
Wausau.....	Mar. 10-16.....	1	.....
Milwaukee County, Mil- waukee included.	Oct. 1-Apr. 20.....	217	1	
Oneida County.....	Dec. 1-31.....	1	.....
Outagamie County, Ap- pleton included.	Oct. 5-Apr. 6.....	17	.....
Plover County.....	Nov. 1-30.....	7	.....
Rock County.....	Nov. 1-30.....	1	.....
Shawano County.....	Dec. 1-31.....	1	.....
Sheboygan County.....	Nov. 1-Dec. 31.....	23	.....
Vilas County.....	Oct. 1-31.....	1	.....
Waukesha County.....	Nov. 1-Dec. 31.....	16	.....
Waupaca County.....	Nov. 1-Dec. 31.....	20	.....
Total for State.....	.....	458	1
Grand total, United States.	.....	6,450	26

Yellow fever in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, March 17—May 3, 1907.

Place.	Date.	Cases.	Deaths.	Remarks.
Louisiana:				
Mississippi River quar- antine station.	Mar. 20.....	1	.....	On ss. Cayo Soto.
Texas:				
Galveston.....	Mar. 17-22.....	4	1	In quarantine from ss. Basil, from Para.

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

[illegible]

Scranton, Pa.....	Apr. 5	102,026	18	8	2	1	1	1	1	7	6	1	2	1
Do.....	Apr. 13	102,026	31	2	1	1	1	1	1	14	1	3	2	1
Do.....	Apr. 20	102,026	31	8	1	1	1	1	1	4	16	2	2	1
Shreveport, La.....	Mar. 30	16,013	17	1	1	1	1	1	1	1	1	1	1	1
Do.....	Apr. 6	16,013	11	1	1	1	1	1	1	1	1	1	1	1
Do.....	Apr. 20	16,013	13	1	1	1	1	1	1	1	1	1	1	1
Do.....	Apr. 20	10,266	3	1	1	1	1	1	1	1	1	1	1	1
St. Louis, Mo.....	do	61,643	15	6	1	1	1	1	1	7	5	1	1	1
Somerville, Mass.....	do	85,999	14	3	3	1	1	1	1	8	1	1	1	1
South Bend, Ind.....	do	38,848	10	1	1	1	1	1	1	1	1	1	1	1
Do.....	Apr. 13	38,848	25	1	1	1	1	1	1	1	1	1	1	1
Springfield, Ill.....	Apr. 20	34,150	15	1	1	1	1	1	1	1	1	1	1	1
Springfield, Mass.....	Apr. 18	62,050	20	1	1	1	1	1	1	1	1	1	1	1
Steelton, Pa.....	Apr. 20	12,036	4	1	1	1	1	1	1	1	1	1	1	1
Tacona, Wash.....	do	37,714	16	1	1	1	1	1	1	1	1	1	1	1
Taunton, Mass.....	Apr. 13	31,036	12	1	1	1	1	1	1	1	1	1	1	1
Terre Haute, Ind.....	Apr. 20	36,673	22	1	1	1	1	1	1	1	1	1	1	1
Toledo, Ohio.....	do	8,244	5	1	1	1	1	1	1	1	1	1	1	1
Toledo, Ohio.....	do	131,822	47	1	1	1	1	1	1	1	1	1	1	1
Topeka, Kans.....	Apr. 13	33,608	10	1	1	1	1	1	1	1	1	1	1	1
Trenton, N. J.....	Apr. 20	73,307	10	2	2	1	1	1	1	1	1	1	1	1
Waltham, Mass.....	do	23,481	9	1	1	1	1	1	1	1	1	1	1	1
Warren, Ohio.....	do	8,529	1	1	1	1	1	1	1	1	1	1	1	1
Washington, D. C.....	do	278,718	138	1	1	1	1	1	1	1	1	1	1	1
Wheeling, W. Va.....	Apr. 13	38,878	11	1	1	1	1	1	1	1	1	1	1	1
Do.....	Apr. 20	38,878	22	1	1	1	1	1	1	1	1	1	1	1
Williamsport, Pa.....	do	28,757	15	1	1	1	1	1	1	1	1	1	1	1
Wilmington, Del.....	do	76,508	22	1	1	1	1	1	1	1	1	1	1	1
Winona, Minn.....	do	19,714	8	1	1	1	1	1	1	1	1	1	1	1
Woburn, Mass.....	do	14,254	2	1	1	1	1	1	1	1	1	1	1	1
Do.....	Mar. 30	14,254	7	1	1	1	1	1	1	1	1	1	1	1
Do.....	Apr. 6	14,254	7	1	1	1	1	1	1	1	1	1	1	1
Do.....	Apr. 13	14,254	7	1	1	1	1	1	1	1	1	1	1	1
Do.....	Apr. 20	14,254	7	1	1	1	1	1	1	1	1	1	1	1
Worcester, Mass.....	Mar. 30	118,421	52	9	6	1	1	1	1	1	1	1	1	1
Do.....	Apr. 6	118,421	54	12	7	1	1	1	1	1	1	1	1	1
Do.....	Apr. 13	118,421	66	12	7	1	1	1	1	1	1	1	1	1
Do.....	Apr. 20	118,421	56	5	5	1	1	1	1	1	1	1	1	1
Yonkers, N. Y.....	do	47,831	14	2	2	1	1	1	1	1	1	1	1	1

a Intervening week previously reported.

FOREIGN AND INSULAR.

Current quarantine measures.

[From the Veröffentlichungen des Kaiserlichen Gesundheitsamtes, Berlin, April 10, 1907.]

PERSIA.—February 4, 1907. Used clothing and body and bed clothing from India admitted only at the port of Bushire, that being the only port provided with a steam disinfection apparatus. Transportation of bodies dead of cholera or plague forbidden until the expiration of five years from the cessation of the epidemic.

PLAGUE.

NORWAY.—March 26, 1907. Japan and the city of Sydney declared plague infected and quarantine measures put in force. Adalia, in Asia Minor, declared free from plague.

AUSTRALIA.

Plague in Queensland and New South Wales—Examination of rodents for plague infection.

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

QUEENSLAND.

Brisbane.—Week ended February 16, 1907. One plague case admitted to hospital; 1 plague death. The case occurred on clean premises, but in vicinity of the produce store in which infected rats were found at the beginning of the present epidemic. Number of rodents destroyed, 744; examined, 422; found infected, 1. Week ended February 23, 1907. Number of rodents destroyed, 574; examined, 323; found infected, 3. Week ended March 2, 1907. Rodents destroyed, 463; examined, 323; found infected, 1. One plague death was reported from the vicinity of the produce store in which infected rats were found. The deceased had fondled a sick cat just previous to the attack. Week ended March 9, 1907. One case occurred in vicinity of premises on which an infected rat was found February 26. Rodents destroyed, 616; examined, 396; found infected, 0.

Ipswich.—Week ended February 16, 1907. One case in the person of an employee of a produce store.

NEW SOUTH WALES—Sydney.—Week ended February 16, 1907. Five cases were reported during the week. Three of these were connected with a locality in which infected rats have been found. Rodents destroyed, 2,100; examined, 1,344; found infected, 14. Week

ended February 23, 1907. Six plague cases were admitted to hospital during the week and two deaths were reported. The cases occurred in various localities of the city and no connection was shown to exist among them. Rodents destroyed, 2,691; examined, 453; found infected, 3. Week ended March 9, 1907. Three cases of plague; no apparent connection among the cases. One plague death. Rodents destroyed, 2,190; examined, 905; found infected, 7.

KEMPSEY.—One death occurred during the week ended February 16, 1907. The town has been cleaned, but an occasional plague rat continues to be found.

BRAZIL.

Reports from Rio de Janeiro—Inspection of vessels—Mortality—Plague, smallpox, and yellow fever—Fatal case of laboratory plague at Lima, Peru.

Acting Assistant Surgeon Stewart reports, March 20 and 29, and April 3:

Week ended March 17, 1907. Vessels inspected and received bills of health: On the 15th instant, the British steamship *Titian*, for New York, with a cargo of coffee, 5 first-class passengers from this port, no steerage passengers, and no alteration in the personnel of the crew; on the 16th instant, the Portugese bark *Margarida*, for New Orleans, in stone ballast, no passengers, and no change in the personnel of the crew while in this port.

No other vessels requiring inspection left this port during the period under report.

Plague in Lima, Peru.—A dispatch of the 15th instant, states that a fatal case of laboratory plague occurred in Lima on the 14th instant. The deceased was accidentally inoculated with a culture of plague which had been obtained for experimental purposes, the method of such involuntary inoculation not being stated, and the case was a very severe one from its inception. No other cases have been reported from that city.

Mortality reports.

Rio de Janeiro, Brazil.—Week ended March 17, 1907. Total estimated population, 912,900. Census of 1906, 811,265. Total deaths, 284. Bubonic plague, 1 death; yellow fever, no cases, no deaths; variola, 2 new cases and no deaths. At the close of the week there were in the Hospital São Sebastião no cases of yellow fever, 4 cases of variola, 3 cases of plague, and 20 cases of suspicious illness under observation.

Week ended March 24, 1907. Vessels inspected and received bills of health: On the 19th instant, the British barkentine *Lovisa*, for Boston, in stone ballast, no passengers, and no change in the personnel of the crew while in this port; on the 22d instant, the British steamship *Eastern Prince*, for New York, in cargo of coffee, no first-class and 5 steerage passengers and no change in the crew personnel; vessel not inspected by me; on the 23d instant, the Belgian steamship *Calderon*, for New Orleans and New York, with no passengers from this port and with 1 new member of the crew signed on in this port.

No other vessels left this port for United States or insular ports during the period under report.

Week ended March 24, 1907. Total deaths from all causes, 256. Yellow fever caused 4 deaths, with the same number of new cases reported. All cases, with one exception, occurred in a focus in the Rua Conde de Bon Fim, at the base of the Tejuco Mountain, at an elevation of about 300 feet. Bubonic plague caused 1 death, with 2 new cases reported, and variola 1 death, with 2 new reported cases. At the close of the week there were in the Hospital São Sebastião no cases of yellow fever, 4 cases of variola, 1 case of bubonic plague, and 11 cases of suspicious illness under observation.

Week ended March 31, 1907. No vessels left this port for United States or dependencies of the United States. No bills of health were issued.

Mortality.—Week ended March 31, 1907. Total deaths, 277. Yellow fever, no cases reported and no deaths; variola, 1 case, no deaths; bubonic plague, 1 case, new, reported, no deaths. At the close of the week there were in the Hospital São Sebastião no cases of yellow fever, 6 cases of variola, 4 cases of plague, and 7 cases of suspicious illness under observation.

Pernambuco.—Two weeks ended February 28, 1907. Population estimated, 210,000. Total deaths, 293. Variola, 55; Plague, 3; leprosy, 1.

BRITISH HONDURAS.

Report from Belize, fruit port.

Acting Assistant Surgeon Robertson reports as follows: Week ended April 18, 1907. Present officially estimated population, 8,500; general sanitary condition of this port and the surrounding country during the week, good.

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.
Apr. 12	Harry T. Inge	New Orleans.....	32	8	15

Number of aliens sailing for United States from this port during week, 8.

CHINA.

Report from Hongkong—Emigrants recommended for rejection.

Passed Assistant Surgeon White reports:

Number of emigrants per steamship *Hongkong Maru*, sailing March 5, 1907, recommended for rejection: For San Francisco, 7; in transit, 1. Per steamship *America Maru*, March 23, 1907: For Honolulu, 1; for San Francisco, 4; in transit, 1.

Reports from Shanghai—Inspection of vessels—Smallpox—Epidemic diseases at Chefoo and Chinkiang.

Acting Assistant Surgeon Ransom reports, March 20 and 27:

Week ended March 16, 1907. Two original and 2 supplemental bills of health granted to 4 vessels with an aggregate personnel of 477; 3 vessels, 188 crew, and 16 steerage passengers inspected. The U. S. Cruiser *Helena* was granted a bill of health for Manila without inspection, upon the certificate of her medical officer.

One case of inguinal bubo was investigated.

Manifests were viséed for 2,838 pieces of freight, and the effects of 34 Asiatics, crew of the steamship *Tonawanda*, disinfected by steam; the men were bathed and their forecastles thoroughly cleansed and washed down.

The weekly report of the municipal health department shows that there were reported among foreigners 2 new cases of smallpox and among natives 4 deaths from smallpox.

The American consul-general at Chefoo states that in a native village some 30 miles southwest of that port several hundred people have recently died, after a sickness of from twenty-four to forty-eight hours, characterized by "severe headache, pains in the loins, stomach, and chest, and the vomiting of blood and water," the disease being called "spinal meningitis." A like epidemic is reported in progress at Wei Hisen, situated on the railway to Tsingtau, although I have had no advice regarding it from the American consul at Tsingtau.

These are the only diseases reported from outports.

Week ended March 23, 1907. Two original and 2 supplemental bills of health granted to 4 vessels, with an aggregate personnel of 2,452; and 2 vessels, 396 crew, and 140 steerage passengers inspected; manifests viséed for 486 pieces of freight.

Two vessels, the U. S. cruisers *Colorado* and *Pennsylvania*, were granted bills of health for the Philippine Islands, without inspection, upon certificate of their medical officers.

The weekly report of the municipal health department shows, among natives, 18 deaths from smallpox.

There is a very considerable increase in the reported deaths from smallpox. These represent only a fraction of those actually occurring, and it may be stated that the disease is very prevalent.

No quarantinable diseases have been reported during the week from outports, but the press reports an epidemic raging in the vicinity of Chinkiang, about a day's sail up the Yangtze. Hundreds are dying every day of a disease characterized by fever, great prostration, and death in twenty-four hours.

COSTA RICA.

Reports from Limon, fruit port—Local conditions.

Acting Assistant Surgeon Goodman reports as follows: Week ended April 13, 1907. 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.
Apr. 7	Limon	Boston	45	10	0
8	Appomattox	New Orleans	45	3	0
8	Manuel Calvo	Ponce	122	68	41
8	Siberia	New York	63	10	4
9	Hispania	Mobile	20	0	0
10	Glenae	Galveston	26	2	0
10	Ellis	New Orleans	33	4	16
12	Chirripo	New York	52	6	0
13	Imperator	New Orleans	22	7	0

Three bills of health for Panaman ports viséed.

Week ended April 20, 1907. General sanitary condition of this port and the surrounding country during the week, good.

The streets and premises are remarkably clean, and very few mosquitoes are found in the town.

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.
Apr. 4	San José	Boston	43	1	0
14	Prinz A. Wilhelm	New York	111	27	23
15	Origen	New Orleans	23	0	0
15	Pacuare	do	52	4	0
16	Alps	do	25	0	0
17	Preston	do	33	2	19
19	Barrauca	New York	53	8	0
20	Venus	New Orleans	26	1	0

One bill of health for Panaman port viséed.

CUBA.

Report from Cardenas—Health conditions good.

Consular Agent Van Tine reports, April 15:

No infectious diseases have occurred during the week ended April 15, 1907, and the health of the city is remarkably good.

Report from Cienfuegos—Inspection and fumigation of vessels—Sanitary conditions good—Malarial fever on steamship Navana from Manzanillo.

Acting Assistant Surgeon Marsillan reports, April 22:

Week ended April 20, 1907.

Vessels inspected	5
Vessels inspected and fumigated	5
Bills of health issued	10
Crews inspected	425
Crews landed here (1 sick, 2 in good health)	3
Crews taken on here	0
Passengers inspected (1 cabin and 33 steerage passengers in transit)	33
Immune certificates issued	0

The American schooner *John Francis*, arrived from Mobile, was cleared for the same port on April 15, being fumigated by this office. On inspection, all temperatures of her crew were found normal. The vessel was in good condition to proceed to her destination.

The German steamship *Therese Horn*, from Tampico, bound for New York, had 1 of her crew landed here in good health.

On April 17 a supplemental bill of health was granted to the United States second-class cruiser *Dixie*, from Guantanamo Bay, with 175 persons all told on board, and bound for Habana, Cuba.

Living quarters of Norwegian steamship *Vitalia*, for New Orleans, were fumigated by this office. On inspection 1 member of crew was found with case of ordinary disease, treated on board the vessel, and another in good health was left here.

The Spanish steamship *Pio IX*, entered from Habana and bound for New Orleans, was fumigated by this office prior to sailing, with all temperatures of crew normal on inspection. She had 33 passengers from the Canary Islands in transit for New Orleans, 1 cabin passenger and 32 steerage, all in good health.

The British steamship *Navana*, from Manzanillo, had 1 member of her crew with malarial fever, who was landed at this port; vessel sails in cargo of sugar for New York.

The Spanish steamship *Niceto*, entered from Santiago de Cuba and bound for Tampa, Fla., was fumigated by this office, and on inspection all temperatures were found normal on board the ship.

And lastly, the Spanish steamship *Riojano*, from Santiago de Cuba and bound for Galveston, was inspected and fumigated prior to sailing, by this office.

All these vessels have been fumigated on request of the agents and captains.

The sanitary condition of the city is fairly good. No quarantinable diseases have been reported either in the city or port during this week.

Report from Matanzas—Inspection of vessels.

Acting Assistant Surgeon Nuñez reports, April 23:

Bills of health issued to 7 vessels bound for United States ports in good sanitary condition.

The British steamship *John Bright*, originally from Veracruz via Cardenas, was subjected to precautionary quarantine by the Cuban authorities while at this port. She left April 18 for Philadelphia direct, with all well aboard up to the time of her inspection.

No quarantinable diseases have been reported.

Report from Santiago—Summary of transactions, first quarter of 1907.

Acting Assistant Surgeon Wilson reports:

Summary of transactions for the first quarter of 1907.

	Janu- ary.	Febru- ary.	March.	Total.
Bills of health issued	25	26	29	80
Number of crews	927	1, 271	1, 132	3, 330
Number of passengers	253	794	511	1, 558
Vessels quarantined	0	0	0	0
Vessels disinfected	3	1	0	4
Certificates issued:				
(a) Immune	2	0	3	5
(b) Nonimmune	0	0	0	0
Persons vaccinated	0	0	0	0
Vaccination certificates issued for the Canal Zone and Panama	0	0	0	0

ECUADOR.

Report from Guayaquil—Summary for month of March, 1907—Smallpox and yellow fever—Uncinariasis at Duran.

Passed Assistant Surgeon Lloyd reports, April 13:

Month of March, 1907. Total number of deaths, 454, including smallpox 17 and 36 from yellow fever.

Nine vessels were fumigated during the month and 6 persons were vaccinated.

There have been no further developments in the yellow fever situation along the route of the Guayaquil and Quito Railroad.

Another case of uncinariasis is present at Duran.

GUATEMALA.

Report from Puerto Barrios—Inspection of vessels.

Acting Assistant Surgeon Wailes reports as follows: Week ended April 16, 1907. Present officially estimated population, 250; general sanitary condition of this port and the surrounding country during the week, good.

The railroad hospital at Zacapa, which I visited last week, with a capacity for 200 beds had not a single white patient within its walls. In the laborers' ward were only 14 occupants. Only one death is reported for four months.

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.
Apr. 12	Ellis.....	New Orleans.....	35	3	17	0
16	Anselm.....	.....do.....	40	.....	.....	0

HAWAII.

Report from Honolulu—History of plague cases originating at Aiea, vicinity of Honolulu.

Chief Quarantine Officer Cofer forwards the following report from the president of the Territorial board of health, under date of April 12:

Case No. 1.—T. I., Japanese, female. Taken ill March 24; removed March 25 to the plantation hospital and strictly isolated in a properly detached building. On the morning of March 28 the woman died, and the bacteriologist of the board of health at once proceeded to the isolated outlying hospital ward and made a post-mortem examination. He found the cause of death to have been bubonic plague. A special train was sent for the body and same was cremated on arrival at Honolulu. Guards were placed over the house and a list of all persons exposed was made. On the 29th the house and contents, as well as the inmates and all their personal effects.

were thoroughly disinfected. The house contained 8 rooms with 14 inmates, of whom 6 were children. The building is about 5 feet above the ground, the whole being clear space and dry; the rooms were fairly clean, except that under the bunks there were stored many belongings which had accumulated considerable dust and dirt. All the inmates were placed under surveillance and were daily examined.

Case No. 2.—M. O., Japanese, male child, aged 3 years. The mother brought the child to the plantation hospital March 28, having cough and fever. The board of health was notified and promptly removed father, mother, and 2 children by ambulance to the quarantine hospital in Honolulu. The child died, and the cause of death was found to be bubonic plague. The body was cremated on the 29th. The house as well as all contents and belongings were thoroughly disinfected, and all contacts placed under surveillance. They are being daily examined.

The house was clean, recently whitewashed, placed on posts 5 feet above the ground, and is neat, dry, and clean, with free air space. It contained 23 persons, a number of them being children.

Case No. 3.—S. O., Japanese, female, aged 6, and sister to M. O., case No. 2. The child was not exposed at the quarantine hospital, but began to be ailing soon after being brought to the hospital. She seemed to be much better on the second, third, and fourth days, not so well on the fifth; on the sixth was decidedly worse, and died on the seventh, the body being at once cremated.

Case No. 4.—M. M., Japanese, male, aged 33. On April 6 he was not feeling well; on the 7th he felt quite ill; on the 8th the board of health were notified and brought him, with a friend in attendance, to the quarantine hospital, Honolulu. The bubo was aspirated on the 9th and the bacilli of plague found. On the 9th house was thoroughly disinfected. Ten persons lived in it. There is 5 feet of clear air space under this house, the space being clean and dry. The house was fairly clean, except the room of the man attacked, particularly under his bunk. He had worked eight years on the plantation.

At this writing the man is very ill and is being treated with normal salt injections. His friend will be quarantined ten days.

CAUSE OF OUTBREAK.

It seemed almost impossible to determine the cause, as no clue could be obtained.

We took samples of imported oriental foods, about 50 in number, but have little expectation of securing any evidence or proof from them.

Yesterday, the 9th, in a box containing various belongings and stuffs found under the bunk of M., and his property, we discovered the skins, thoroughly dried, of 2 rats. They must have died long since and were beyond bacteriological condition. We also learned that some dead rats had been found on the plantation and burned.

PRECAUTIONS BEING TAKEN.

All the houses will be searched as rapidly as possible for all deposits of old truck under the bunks, and the floors and rooms,

etc., sprayed with a 1:500 solution of bichloride of mercury, the contacts and others carefully watched and required to report daily. Destruction of rats will receive attention.

HONDURAS.

Report from Ceiba, fruit port.

Acting Assistant Surgeon Reynolds reports as follows: Week ended April 21, 1907. Present officially estimated population about 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.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
Apr. 15	John Wilson.....	Mobile.....	17	2	0	0
18	Colombia.....	.....do.....	16	0	0	0
18	Dictator.....	New Orleans.....	20	4	0	0

Report from Tela—Inspection of vessels.

Acting Assistant Surgeon Roe reports as follows: Week ended April 13, 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 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.
Apr. 10	Harald.....	Mobile.....	19	0	0	0
8	Viator.....	New Orleans.....	17	0	0	0
11	Rosina.....	.....do.....	30	0	0	0

INDIA.

Report from Calcutta—Cholera, plague, and smallpox.

Acting Assistant Surgeon Eakins reports, April 4:

Week ended March 23, 1907. Forty-nine deaths from cholera, 94 from plague, and 86 from smallpox in Calcutta.

In Bengal and India the same week there were, respectively, 5,394 cases and 4,670 deaths from plague, and 62,155 cases and 54,003 deaths from plague.

Increase of plague in Lucknow—Measures for checking spread of the disease.

The following is received from Consul-General Michael, at Calcutta, under date of April 4:

The plague situation in Lucknow has become most alarming and the government of the United Provinces has determined upon unusual measures in the hope of checking the disease. Shelter will be

provided for the plague-stricken people who evacuate their homes. A special plague committee has been appointed to consider and elaborate methods of fighting the disease.

Plague is increasing in Lucknow city in spite of the hot weather. It is leaving the cantonments and European suburbs and going toward the Chawk.

JAPAN.

Report from Yokohama—Inspection of vessels—Plague at Osaka.

Passed Assistant Surgeon Cumming reports, April 2:

Two weeks ended March 30, 1907. Bills of health issued to 8 steamers, having an aggregate personnel of 1,162 passengers and 860 members of crews.

The steamship *Korea* arrived from Hongkong via ports to San Francisco, with manifest sheets for alien steerage passengers from Nagasaki made out but not signed by the medical officer of the Service at that port. By request of the company I examined the 33 aliens holding immigrants' cards, rejected 7 who had trachoma, and certified the rest.

During the month ended March 31, 928 would-be alien steerage passengers for the United States or Honolulu were examined with special reference to their freedom from loathsome or dangerous contagious diseases contemplated by the immigration laws, of whom 718 were passed.

No quarantinable diseases have been reported in this vicinity during the past two weeks. Osaka continues to be infected with plague, 7 cases and 7 deaths having been reported for the period between January 20 and March 16.

Emigrants recommended for rejection.

Number of emigrants per steamship *America Maru*, sailing April 3, 1907, recommended for rejection: For Honolulu, 19. Per steamship *Tango Maru*, sailing April 3, 1907: For Seattle, 15.

Report from Nagasaki—Emigrants recommended for rejection.

Sanitary Inspector Bowie reports as follows:

March 28, 1907. Number of emigrants per steamship *America Maru* recommended for rejection, 21.

MAURITIUS.

Report from Port Louis—Sanitary conditions—Plague—Beriberi.

The following is received from Consul Botkin under date of March 7:

The island of Mauritius has an area of 715 square miles, including reefs, bars, etc. There is a population of almost 400,000 people, who

live on an area of half that of the entire island, thus making an average population in excess of 1,000 to the square mile. The remainder of the island consists of mountains, forests, and military reservations, where dwellings are forbidden, though little of such idle land is fit for human habitation.

Of the total population 80,000 reside at Port Louis. It consists approximately of 260,000 Indians, 5,000 Chinese, 80,000 Creoles (negroes and mixed), and 50,000 whites.

Drainage.—The drainage is naturally very good, so far as concerns the surface features, and the natural condition has been greatly improved by the substantial manner of building the numerous roads and by the permanent drainage canals constructed on each side of the roads. There are no swampy lands except in some very small areas in the dense forests near the coasts, and there is nowhere any stagnant water. All rainfall runs quickly into the streams and thence into the sea.

Water supply.—Water for drinking and culinary purposes is derived mostly from Mare aux Vacoas, a fresh-water lake that occupies one of the large ancient craters near the center of the island and furnishes from some hidden source an inexhaustible supply of very pure water, which is piped to all the towns and villages.

Owing to the porous nature of the thin soil and of the lava rocks beneath it the rain water carries downward much surface filth that is not washed into the streams. Well water, therefore, as well as water from the streams, is infested with disease germs. Herein lies the cause of very much of the fever prevailing amongst the Indian coolies and lower class of creoles who pay little heed to the injunctions of the health officers against using well or stream water without having first boiled it.

Malarial fever.—Malarial diseases are generally present along the coast. Port Louis and all other coast towns or towns within a few miles of the coasts on the lower lands are particularly unhealthy from that cause. In truth the constant prevalence of malarial disorders and fever forced almost the entire white population, years ago, to abandon Makeburg and Port Louis, the port towns, and establish their residences on the central highlands. Except during about ninety days in June, July, and August, annually, very few white people are to be seen in Port Louis after 5.30 p. m. During those ninety days a moiety of the whites venture to sleep near their places of business, but even then the risk of getting the fever is very great.

Bubonic plague.—This is another constant menace to the colored populations of the coast towns. Plague made its first appearance on this island about eight years ago, as nearly as I can learn, and all efforts to stamp it out and prevent its recurrence have failed.

	Death rates.				Birth rates.			
	1903.	1904.	1905.	1906.	1903.	1904.	1905.	1906.
Port Louis	60.4	47.7	59.9	53.4	29.6	37.6	33.1	33.7
At large.....	39.9	32.2	40.6	40.0	36.1	37.6	37.0	33.5

During the period from 1903 to 1906 the average death rate of Port Louis was 55.35 per 1,000 population, while the average for the

whole island was 38.18, and the average birth rates was 33.5 for Port Louis and 36.05 for the whole island.

Notwithstanding the enormous disparity of deaths over births, the population of Mauritius steadily increases by reason of the annual immigration of Indians under the contract labor system employed by the sugar estate managers. Once here the Asiatic prefers to remain after his term or contract expires.

	Plague.		Plague.
1901.....	812	1904.....	456
1902.....	390	1905.....	249
1903.....	1,026	1906.....	(a)

a Not obtainable at present.

Beriberi.—This disease appeared amongst the convicts at Beau Bassin prison about the 1st of March, 1907, and created great alarm throughout the island, but the health officials soon had the disease under complete control. They assumed that the cases of beriberi were caused by the daily ration of Saigon rice, which only recently the authorities had been furnishing to the prisoners in lieu of Indian rice as formerly. Wholesome wheat bread was substituted and the use of Saigon rice strictly forbidden at the prison. The result was a quick disappearance of the malady.

MEXICO.

Report from Progreso—Sanitary conditions—Inspection of vessels—Mosquitoes not frequent on vessels.

Acting Assistant Surgeon Harrison reports, April 15:

Week ended April 14, 1907. No quarantineable disease has appeared here or in Merida, but in the latter city 3 or 4 cases were reported under observation as yellow-fever suspects. Weather continues hot and dry, there not having been any rain here within the past three months. Mosquitoes are numerous ashore, but owing to an almost continuous wind from the water are seldom seen aboard ships, even at the wharves.

During the week 4 steamships and 1 sailing vessel were cleared for the United States, with crews 234 and passengers 66, including 7 to the United States; of these vessels 2 were fumigated.

As in past seasons, living quarters only are fumigated and the hatches sealed, unless the master insists on fumigation of holds.

I inspect all persons leaving shore to join the ships, but do not inspect either ship or people in transit, unless the ship comes to wharf or sails direct for the United States.

Report from Veracruz—Smallpox.

Acting Assistant Surgeon Frick reports, April 18:

Two cases of smallpox were officially reported yesterday. One case in Medillin, 15 kilometers from Veracruz, on the Alvarado Railroad.

NICARAGUA.

Report from Bluefields, fruit port.

Acting Assistant Surgeon Layton reports as follows:

Week ended April 11, 1907. Present officially estimated population, 3,500; general sanitary condition of this port and the surrounding country during the week, good.

No vessels arrived or were cleared during the past week.

PANAMA.

Report from Bocas del Toro, fruit port.

Acting Assistant Surgeon Osterhout reports as follows:

Week ended April 14, 1907. 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.
Apr. 11	Fort Morgan.....	Mobile.....	20	1	0	0
12	Appomattox.....	New Orleans.....	45	0	0	0
14	Bertha.....	Mobile.....	25	0	0	0

PERU.

Report from Callao—Inspection of vessels—Plague and smallpox in Chilean ports—Plague in Peru.

Assistant Surgeon Wightman reports, March 30:

Week ended March 30, 1907. The following vessels were dispatched by this office:

The Peruvian transport *Chalaco* on the 27th instant, for Ancon, Canal Zone, with no cargo and a total personnel of 122, her passengers being 73 officers and men of the Peruvian navy.

The German steamship *Ammon* on the 28th, for San Francisco, Cal., with general cargo and a total personnel of 88, of whom 4 cabin passengers were from this port.

The British steamship *Chile* on the 30th, for Ancon, Canal Zone, with general cargo and a total personnel of 165, of whom 5 members of crew, 45 cabin and 13 steerage passengers were from this port.

From Chile the following is reported: Santiago and Talcahuana, plague reported as present March 14; Coquimbo, 6 cases smallpox, with 3 deaths, in two weeks ended March 15; Antofagasta, 16 cases plague, with 5 deaths, in two weeks ended March 19; Iquique, plague still present.

The director de salubridad reports as follows on plague in Peru:

Locality.	Cases Mar. 21.	New.	Recovered.	Died.	Remaining Mar. 26.
Lima.....	6	4	1	1	8
Chosica.....	5	1	2	1	3
Callao.....	1				1
Trujillo.....	22	8	3	4	23
San Pedro and Pacasmayo.....	6	1	3	0	4
Paíta.....	10	3		3	10
Chiclayo.....	8	1		1	8
Chepen.....	^a 1	1			
Lambayeque.....	4			2	4
Eten.....	7				7

^a Sent to San Pedro and included above.

PHILIPPINE ISLANDS.

Report from Manila—Smallpox—Inspection of vessels.

Chief Quarantine Officer Heiser reports, March 21:

Week ended March 16, 1907. Quarantinable disease reported for the city of Manila, as follows: Smallpox, 1 case; no deaths.

During the week the following vessels cleared for United States ports:

On March 11, the British steamship *Tsinan*, with 69 crew and 4 passengers, en route from Yokohama to Zamboanga, was granted a supplemental bill of health.

On March 11, the American schooner *Lillibonne*, with 10 crew and no cargo, was granted a consular bill of health for Astoria, Oreg., after inspection.

On March 12, the Norwegian steamship *Solva*, with 24 crew, en route from Singapore to Iloilo and Cebu, was granted a supplemental bill of health after the usual treatment.

On March 14, the British steamship *Orange Branch*, with 51 crew, was granted a consular bill of health for Cebu.

On March 15, the United States army transport *Logan*, with 178 crew and 496 passengers, was granted a consular bill of health for San Francisco via Nagasaki and Honolulu. Crew and steerage passengers were bathed and their effects and baggage disinfected at the Mariveles Quarantine Station. Cargo and cabin baggage inspected and either disinfected or passed, and so labeled. All persons on board inspected at the hour of sailing.

Quarantine transactions of the Service in the Philippine Islands during the month of February, 1907.

PORT OF MANILA.

Bills of health issued.....	278
Vessels inspected.....	264
Passengers on arriving boats inspected.....	5, 398
Persons vaccinated.....	350
Crew on arriving vessels inspected.....	8, 940
Persons quarantined for observation, suspects and contacts.....	423
Persons bathed and effects disinfected.....	485
Persons in quarantine.....	423

Vessel in quarantine.....	1
Vessel disinfected.....	1
Vessels fumigated to exterminate vermin.....	9
Case of quarantinable disease detected on vessels, smallpox.....	1
Pieces of baggage disinfected.....	1, 213
Pieces of baggage inspected and passed.....	84
Outgoing—	
Vessels sailing without quarantine inspected and passed.....	5
Vessel disinfected.....	1
Crew on vessels inspected.....	532
Passengers on vessels inspected.....	344
Crew bathed and effects disinfected.....	169
Passengers bathed and effects disinfected.....	179
Pieces of baggage disinfected.....	2, 895
Pieces of baggage inspected and passed.....	826
Pieces of miscellaneous cargo certified.....	11, 581

PORT OF ILOILO.

Bills of health issued.....	8
Vessels inspected.....	111
Passengers on arriving boats inspected.....	1, 068
Crew on arriving vessels inspected.....	2, 617
Persons vaccinated.....	339

PORT OF CEBU.

Bills of health issued.....	8
Vessels inspected.....	136
Passengers on arriving boats inspected.....	1, 297
Crew on arriving vessels inspected.....	3, 479
Vessels fumigated to exterminate vermin.....	6

PORT OF CAVITE.

Bills of health issued.....	6
Vessel inspected.....	1
Crew on arriving vessels inspected.....	52

PORT OF OLONGAPO.

No transactions.

PORT OF ZAMBOANGA.

Vessels inspected.....	6
Passengers on arriving vessels inspected.....	72
Crew on arriving vessels inspected.....	932

PORT OF JOLO.

Vessel inspected.....	1
Passengers on arriving vessels inspected.....	5
Crew on arriving vessels inspected.....	46

WEST INDIES.

Report from Port of Spain, Trinidad—Yellow fever.

Consul Handley reports, April 9:

Since February 6, when I reported a death from yellow fever at Port of Spain, there have been 7 new cases, 4 of which were fatal. In each fatal case the deceased had not lived longer than 6 months in the Tropics. All the cases were of white people above the ordinary class, one being an aide-de-camp to the governor. All the deaths occurred on the fifth day of illness. The authorities are doing what is possible to prevent the spread of the disease.

Measures of local sanitation.

Under date of March 22, 1907, the governor of the island directs that all premises on which a case of yellow fever has occurred shall be fumigated. All water containers are required to be covered with wire gauze, and all standing water shall be kept covered with a thin film of oil or stocked with mosquito-destroying fish. Premises shall be kept free from old cans, boxes, shells, etc.; pits shall be cleaned and disinfected or oiled, and drain pipes and gutters from roofs of houses shall be kept clean and in good order.

FOREIGN AND INSULAR STATISTICAL REPORTS OF COUNTRIES AND
CITIES UNTABULATED.

AFRICA—Zanzibar.—Two weeks ended March 21, 1907. Estimated population, 150,000. Total number of deaths, 41, including 5 from tuberculosis.

AUSTRALIA—New South Wales—New Castle.—Month of January, 1907. Estimated population, 51,250. Total number of deaths, 50, including enteric fever 2, measles 1, whooping cough 1, and 2 from tuberculosis.

Month of February, 1907. Total number of deaths, 44, including enteric fever 1, measles 1, whooping cough 3, and 2 from tuberculosis.

Sydney.—Month of February, 1907. Estimated population, 529,600. Total number of deaths, 400, including diphtheria 3, enteric fever 5, measles 2, plague 6, scarlet fever 2, whooping cough 13, and 40 from tuberculosis.

Queensland—Brisbane.—Month of January, 1907. Estimated population, 129,736. Total number of deaths, 150, including diphtheria 1, enteric fever 1, and plague 4.

Month of February, 1907. Total number of deaths, 92, including enteric fever 1, dengue fever 1, and plague 5.

BAHAMAS—Nassau.—Two weeks ended April 20, 1907. Estimated population, 12,656. Three deaths reported.

BRAZIL.—State of São Paulo, including the cities of *São Paulo*, *Santos*, and *Campinas*.—Week ended March 3, 1907. Estimated population, 300,000. Total number of deaths, 151, including measles 2, diphtheria 2, leprosy 1, enteric fever 1, and 11 from tuberculosis. Week ended March 10, 1907. Total number of deaths, 165, including enteric fever 2, measles 1, and 15 from tuberculosis.

Ceara.—Month of February, 1907. Estimated population, 50,000. Total number of deaths, 97, including 25 from whooping cough.

Pernambuco.—Two weeks ended February 28, 1907. Estimated population, 210,000. Total number of deaths, 293, including enteric fever 1, smallpox 55, plague 3, leprosy 1, and 48 from tuberculosis.

Santos.—Month of February, 1907. Estimated population, 65,000.

Total number of deaths, 18, including diphtheria 1, enteric fever 1, plague 1, and 12 from tuberculosis.

COSTA RICA—*San Jose*.—Month of January, 1907. Estimated population, 25,000. Total number of deaths, 61, including whooping cough 1 and 2 from tuberculosis. Month of February, 1907. Total number of deaths, 48, including enteric fever 3 and 1 from tuberculosis.

CUBA.—Month of March, 1907. Reports from the 6 provinces, having an aggregate population of 1,572,797, show as follows: Deaths from contagious diseases: Diphtheria 12, enteric fever 6, malarial fever 12, dengue 2, leprosy 3, measles 6, scarlet fever 1, whooping cough 1, and 99 from tuberculosis.

Habana.—Year ended December 31, 1906. Estimated population, 280,000. Total number of deaths, 6,144, including diphtheria 37, enteric fever 54, measles 16, scarlet fever 2, whooping cough 5, yellow fever 12, leprosy 25, dengue 1, and 1,158 from tuberculosis.

DOMINICAN REPUBLIC—*Santo Domingo*.—Year ended December 31, 1906. Estimated population, 25,000. Total number of deaths, 314, including diphtheria 1, enteric fever 9, and 54 from tuberculosis.

DUTCH GUIANA—*Paramaribo*.—Month of March, 1907. Estimated population, 34,085. Total number of deaths, 92. No deaths from contagious diseases reported. Malarial fever prevalent.

FRANCE—*Calais*.—Month of March, 1907. Estimated population, 66,627. Total number of deaths, 139, including 30 from tuberculosis.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 76 great towns in England and Wales during the week ended April 6, 1907, correspond to an annual rate of 17.9 per 1,000 of population, which is estimated at 16,024,458.

London.—One thousand six hundred and twenty-seven deaths were registered during the week, including measles 63, scarlet fever 13, diphtheria 19, enteric fever 4, whooping cough 63, and 10 from diarrhea. The deaths from all causes correspond to an annual rate of 17.8 per 1,000. In Greater London 2,241 deaths were registered. In the "outer ring" the deaths included 11 from diphtheria, 10 from measles, 12 from whooping cough, and 2 from scarlet fever.

Portsmouth.—Four weeks ended March 16, 1907. Estimated population, 208,291. Total number of deaths, 344, including diphtheria 5, measles 30, scarlet fever 1, and whooping cough 6.

Ireland.—The average annual death rate represented by the deaths registered during the week ended April 6, 1907, in the 21 principal town districts of Ireland was 25 per 1,000 of the population, which is estimated at 1,117,547. The lowest rate was recorded in Dundalk, viz, 4, and the highest in Kilkenny, viz, 49.1, per 1,000. In Dublin and suburbs 219 deaths were registered, including diphtheria 3, measles 3, typhus fever 1, whooping cough 8, and 51 from tuberculosis.

Scotland.—The deaths registered in 8 principal towns during the week ended April 6, 1907, correspond to an annual rate of 19.4 per 1,000 of the population, which is estimated at 1,812,171. The lowest rate of mortality was recorded in Paisley, viz, 12.9, and the highest in Perth, viz, 24, per 1,000. The aggregate number of deaths registered from all causes was 673, including diphtheria 5, enteric fever 6, measles 3, scarlet fever 4, and 40 from whooping cough.

HAWAII—Honolulu.—Month of March, 1907. Estimated population, 39,306. Total number of deaths reported, 91, including enteric fever 4, plague 1, and 13 from tuberculosis.

JAMAICA—Kingston.—Month of March, 1907. Estimated population, 52,065. Total number of deaths, 278, including diphtheria 1, enteric fever 2, and 14 from phthisis pulmonalis.

MADEIRA—Funchal.—Three weeks ended April 7, 1907. Estimated population, 44,049. Total number of deaths, 85, including enteric fever 1, smallpox 3, and 10 from tuberculosis.

NEW ZEALAND—Auckland.—Month of February, 1907. Estimated population, 86,000. Total number of deaths reported, 75. Deaths from contagious diseases not reported.

NICARAGUA—San Juan del Norte.—Period from October 7, 1906, to March 16, 1907. Estimated population, 600. Total number of deaths, 13, including 2 from tuberculosis.

OCEANIA—Norfolk Island.—Year ended December 31, 1906. Estimated population, 971. Total number of deaths, 19, including 5 from tuberculosis.

RUSSIA—Riga.—Month of January, 1907. Estimated population, 320,000. Total number of deaths, 770, including diphtheria 5, measles 15, scarlet fever 4, typhus fever 2, and smallpox 1.

SPAIN—Barcelona.—Ten days ended April 10, 1907. Estimated population, 600,000. Total number of deaths, 460, including diphtheria 2, enteric fever 2, measles 2, whooping cough 1, smallpox 8, and 30 from tuberculosis.

Cadiz.—Month of March, 1907. Estimated population, 69,382. Total number of deaths, 205, including whooping cough 2, smallpox 6, and 23 from tuberculosis.

Madrid.—Month of March, 1907. Estimated population, 547,399. Total number of deaths, 1,650, including diphtheria 7, enteric fever 14, measles 73, scarlet fever 1, whooping cough 3, and 194 from tuberculosis.

Seville.—Month of March, 1907. Estimated population, 148,315. Total number of deaths, 651, including diphtheria 2, enteric fever 8, measles 9, whooping cough 12, smallpox 8, and 81 from tuberculosis.

SWITZERLAND.—Week ended March 30, 1907. Reports from 18 cities having an aggregate population of 867,056, show as follows: Total number of deaths, 285, including enteric fever 1, measles 6, scarlet fever 1, smallpox 1, and 56 from tuberculosis.

URUGUAY—*Montevideo*.—Month of February, 1907. Estimated population, 309,511. Total number of deaths, 354, including diphtheria 2, enteric fever 13, plague 1, measles 2, and 41 from tuberculosis.

WEST INDIES—*Curaçao*.—Two weeks ended April 12, 1907. Estimated population, 31,600. Total number of deaths, 17. No deaths from contagious diseases reported.

Turks Islands.—Two weeks ended April 13, 1907. Estimated population, 1,700. Total number of deaths reported, 5, including 2 from tuberculosis.

Cholera, yellow fever, plague, and smallpox from December 28, 1906, to May 3, 1907.

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

[For reports received from June 29, 1906, to December 28, 1906, see PUBLIC HEALTH REPORTS for December 28, 1906.]

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

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Ceylon:				
Colombo.....	Dec. 31-Feb. 2....	6	6	
India:				
Bombay.....	Nov. 28-Mar. 26....		55	
Calcutta.....	Nov. 11-Mar. 23....		2,167	
Cochin.....	Oct. 26-Feb. 22....		54	
Karachi.....	Nov. 2-Dec. 7.....	11	13	
Madras.....	Nov. 17-Mar. 22....		54	
Moulmine.....	Feb. 10-Mar. 2.....		48	
Negapatam.....	Oct. 27-Dec. 14....		12	
Rangoon.....	Nov. 25-Mar. 23....		286	
Tuticorin.....	Jan. 26-Feb. 15....		19	
Philippine Islands:				
Manila.....	Nov. 18-Dec. 1....	3	2	
Provinces—				
Capiz.....	Nov. 25-Feb. 9....	167	105	
Iloilo.....	Nov. 18-Dec. 1....	82	63	
Moro, Camp Vicars.....	Nov. 18-24.....	5	3	
Negros Occidental.....	Nov. 18-Jan. 12....	43	29	
Pampanga.....	Nov. 18-24.....	2	1	
Rizal.....	Nov. 18-Jan. 5....	2	2	
Samar.....	Dec. 2-Feb. 9.....	49	34	
Tarlac.....	Nov. 18-24.....	2	2	
Siam:				
Bangkok.....	Jan. 22.....			Present.
Straits Settlements:				
Singapore.....	Jan. 1-Oct. 16....	185	167	1906.

YELLOW FEVER.

Africa:				
Dahomey.....	Nov. 17.....			Present.
Grand Popo.....	Jan. 15.....			Do.
Togo.....	Nov. 17.....			Do.
Upper Senegal and Niger...	Nov. 1-30.....	35	26	
Brazil:				
Manaos.....	Mar. 3-Apr. 6.....		12	
Nietheroy.....	Feb. 16.....	1		
Para.....	July 1-Apr. 6.....	24	80	
Pernambuco.....	Jan. 15-31.....		1	
Rio de Janeiro.....	Nov. 12-Mar. 24....	14	11	
Costa Rica:				
San Jose.....	Jan. 1-Dec. 31....	2		1906.
Cuba:				
Habana.....	Dec. 31-Apr. 4....	2		1 imported from Nueva Paz.
Santa Clara.....	Jan. 8-10.....	1	1	

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

YELLOW FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Ecuador:				
Bucay.....	Feb. 13.....	.....	1	Present. Guayaquil and Quito R. R. including Bucay, Duran, and Huigra, Feb. 8-23, 4 cases.
Duran.....	Feb. 14.....	.....	.....
Guayaquil.....	Nov. 16-Mar. 30...	.....	110	
Huigra.....	Feb. 8.....	1	1	
Mexico:				
Merida.....	Mar. 17-23.....	2	1	
Paraje Nuevo.....	Mar. 3-9.....	1	1	
Tuxpam.....	Jan. 23-29.....	.....	1	
Veracruz.....	Feb. 9-Mar. 23.....	2	1	1 imported from Paraje Nuevo.
Peru:				
Callao.....	Feb. 17-19.....	1	1	On ss. Palena.
Lima.....	Jan. 17.....	1	.....	In the lazaretto. From ss. Limari.
Salvador.....	Jan. 12.....	.....	.....	Epidemic.
Trinidad:				
Port of Spain.....	Feb. 4-Apr. 18....	13	7	
Venezuela:				
La Guaira.....	Jan. 9.....	2	.....

PLAGUE.

Arabia:				
Aden.....	Mar. 3.....	2	2	Pilgrims.
Djeddah.....	Jan. 8-Mar. 21....	257	246	
Argentina:				
Buenos Aires.....	Dec. 16-Jan. 26....	12	6	Present.
Rosario.....	Mar. 5.....	.....	.....
Australia:				
Brisbane.....	Nov. 16-Mar. 23....	27	11	
Ipswich.....	Feb. 10-16.....	1	1	
Kempsey.....	Jan. 23-Feb. 9.....	4	3	
Port Douglas.....	Jan. 20-Mar. 16....	43	1	
Sydney.....	Dec. 26-Mar. 9.....	19	5	
Townsville.....	Mar. 17.....	1	1	
Brazil:				
Bahia.....	Dec. 2-Mar. 9.....	38	26	
Para.....	July 1-Apr. 6.....	22	25	
Pernambuco.....	Nov. 1-Feb. 28.....	.....	11	
Rio de Janeiro.....	Nov. 12-Mar. 30....	154	56	
Santos.....	Jan. 10-Feb. 28....	2	1	One case on ss. Saxon Prince.
São Paulo.....	Nov. 12-Feb. 17....	.....	8	
Chile:				
Antofagasta.....	Nov. 22-Mar. 19....	111	50	
Santiago.....	Jan. 26.....	2	.....	Mar. 14, still present.
Talcahuana.....	Mar. 4.....	.....	.....	Present.
Taital.....	Jan. 31.....	46	23	Mar. 2, still present.
Valparaiso.....	Mar. 5.....	.....	.....	Present.
China:				
Hankau.....	Mar. 12-18.....	1	.....	Foreign.
Hongkong.....	Nov. 4-Mar. 9.....	4	4	
Newchwang.....	Jan. 1-Feb. 3.....	57	57	
Egypt:				
Alexandria.....	Nov. 13-Feb. 11....	16	9	
Ismailia.....	Jan. 6-Mar. 11.....	10	8	
Port Said.....	Jan. 17-Mar. 17....	3	3	
Suez.....	Jan. 9-Feb. 11.....	5	2	
Provinces—				
Assiout.....	Jan. 8-Apr. 3.....	59	35	
Beni-Souef.....	Feb. 11-Mar. 19....	8	6	
Garbieh.....	Oct. 25-Dec. 2.....	4	3	
Girgeh.....	July 2-Mar. 26.....	147	120	
Kena.....	June 10-Apr. 3.....	164	156	
Menouf.....	Mar. 29-Jan. 6.....	14	10	
Minieh.....	Feb. 14-Apr. 3.....	12	4	
Hawaii:				
Honolulu.....	Jan. 29-Apr. 23....	4	9	1 death on ss. America Maru.
India:				
Bombay Presidency and Sind.....	Oct. 21-Mar. 16....	90,296	64,410	
Madras Presidency.....	Oct. 21-Mar. 16....	633	476	
Bengal.....	Oct. 21-Mar. 16....	27,185	22,652	
United Provinces.....	Oct. 21-Mar. 16....	89,016	79,772	
Punjab.....	Oct. 21-Mar. 16....	139,321	119,665	

* Reports from Dec. 9 to Jan. 12 and from Jan. 19 to Feb. 2 not yet received.

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

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
India—Continued.				
Burma.....	Oct. 21-Mar. 16...	7,773	7,251	
Eastern Bengal and Assam	Oct. 21-Mar. 16...	34	29	
Central provinces, including Betar.	Oct. 21-Mar. 16...	27,230	21,887	
Mysore State.....	Oct. 21-Mar. 16...	4,581	3,440	
Hyderabad State.....	Oct. 21-Mar. 16...	315	259	
Central India.....	Oct. 21-Mar. 16...	15,734	12,263	
Rajputana.....	Oct. 21-Mar. 16...	1,310	955	
Kashmir.....	Oct. 21-Mar. 16...	2,625	1,521	
Northwest frontier province.		8	6	
Baluchistan.....	Oct. 21-Mar. 16...	10	6	
		406,071	334,592	
Japan:				
General.....	Jan. 1-19.....	9		July 1 to Dec. 31. 496 cases and 389 deaths.
Formosa—General.....	Nov. 1-Feb. 28...	670	584	
Matsuyama.....	Jan. 6-12.....			Present.
Osaka.....	Nov. 21-Mar. 16...	34	28	Oct. 7 to Nov. 20, 45 cases and 36 deaths; reported out of date.
Saseho.....	Oct. 23.....	1		
Shimonoseki.....	Sept. 22.....	1		
Yamaga.....	Oct. 6.....	1		
Mauritius.....	Nov. 4-Feb. 14...	305	201	
Paraguay.				
Asuncion.....	Feb. 1-28.....	5		Present in northern part.
Concepcion.....	Jan. 5.....	3		
Peru:				
Callao.....	Dec. 31-Mar. 20...	11	3	
Catacaos.....	Nov. 9-Feb. 6....	29	14	
Chepen.....	Feb. 20-Mar. 20...	3	4	
Chicama.....	Dec. 5-11.....	14		Vicinity.
Chiclayo.....	Dec. 25-Mar. 26...	76	58	
Chosica.....	Feb. 17-Mar. 26...	22	17	
Eten.....	Feb. 28-Mar. 20...	16	9	
Ferrenate.....	Feb. 7-13.....	7	6	
Guadeloupe.....	Feb. 21-27.....	1	1	
Lambayeque.....	Nov. 9-Mar. 26...	12	11	
Lima.....	Nov. 9-Mar. 26...	45	24	Mar. 14, 1 death at plague laboratory.
Malabrigo.....	Feb. 1-6.....	20		
Mollendo.....	Nov. 9-Mar. 20...	30	21	
Pacasmayo and San Pedro.	Dec. 13-Mar. 26...	84	59	1 case imported.
Paíta City.....	Nov. 13-Mar. 26...	55	40	And vicinity.
Paíta, district of La Huaca.	Feb. 22-Mar. 1....	3	3	
Pueblo Nuevo.....	Feb. 7-13.....	2	2	Vicinity.
Trujillo.....	Nov. 9-Mar. 26...	145	119	And vicinity.
Viru.....	Feb. 1-20.....	15	12	
Russia:				
Cronstadt.....	Feb. 23-Mar. 29...	2	1	At plague laboratory.
Siam:				
Bangkok.....	Nov. 21.....		1	Mar. 14, still present.
Straits Settlements:				
Singapore.....	Dec. 13-Mar. 15...	2	1	
Turkey in Asia:				
Beirut.....	Jan. 27-Feb. 2....			Present.
Smyrna.....	Jan. 9.....		1	
Uruguay:				
Montevideo.....	Feb. 1-28.....		1	
Venezuela:				
Maracaibo.....	Mar. 5-11.....	1	1	

SMALLPOX.

Africa:				
Algeria—				
Algiers.....	Feb. 1-28.....		2	
Cape Colony—				
Cape Town.....	Nov. 11-Feb. 2....	10		
Lourenço Marquez—				
Lourenço Marquez...	Dec. 1-31.....		1	
Argentina:				
Buenos Aires.....	Dec. 2-Jan. 26....	29	6	

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

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Austria:				
Bukowina and Galicia....	Feb. 24-Mar. 2...	2		
Galicia.....	Dec. 9-Feb. 17....	3		
Moravia.....	Nov. 4-10.....	1		
Belgium:				
Brussels.....	Feb. 10-16.....	2		
Province of Luxemburg....	Jan. 26-Feb. 9....	12		
Brazil:				
Bahia.....	Dec. 2-Mar. 23...	52	1	
Para.....	Jan. 1-Apr. 6....	46	8	
Pernambuco.....	Nov. 1-Feb. 28....		372	
Rio de Janeiro.....	Nov. 12-Mar. 31...	29	6	
Canada:				
British Columbia—				
Vancouver.....	Mar. 17-23.....	1		
Manitoba—				
Winnipeg.....	Mar. 17-Apr. 20....	5		
New Brunswick—				
Antigonish County.....	Mar. 24-30.....			Present.
Kent County.....	Dec. 16-Mar. 30....			Do.
St. John County—				
St. John.....	Mar. 27.....	1		
Musquash.....	Feb. 21.....			Present in 2 lumber camps.
Nova Scotia—				
Cape Breton Island—				
Sydney.....	Jan. 6-26.....			Present.
Colchester County.....	Nov. 16-Apr. 20....			Do.
Truro.....	Feb. 3-23.....	2		Imported.
Cumberland County.....	Nov. 16-Feb. 23....			Present.
Digby County.....	Feb. 23-Apr. 20....	36		
Halifax County.....	Feb. 22-Apr. 20....		3	Do.
Halifax.....	Feb. 22.....	1		On ss. Pomeranian.
Hants County—				
Kennetcook.....	Feb. 10-23.....			Present.
Pictou County.....	Jan. 13-Mar. 30....			Do.
New Glasgow.....	Feb. 10-23.....	17		
Sunnybrae.....	Apr. 20.....			Epidemic.
Trenton.....	Apr. 20.....			Present.
Westville.....	Apr. 20.....			Do.
Victoria County.....	Feb. 3-23.....			Epidemic.
Yarmouth County,	Feb. 3-23.....	12	1	Apr. 20, still present.
Lower East Pubnico				
included.				
Ontario—				
Toronto.....	Jan. 20-Feb. 23....	4		
Prince Edward Island—				
Charlotte.....	Mar. 15.....			Epidemic.
Quebec—				
Sherbrooke.....	Feb. 3-Apr. 20....	10		
Chile:				
Antofagasta.....	Nov. 16-Dec. 24....	38	4	
Coquimbo.....	Nov. 1-Mar. 15....	225	16	
Iquique.....	Nov. 11-Mar. 19....			Present.
China:				
Chefoo.....	Nov. 13.....		1	From U. S. S. Raleigh.
Hankau.....	Mar. 19-25.....	2		
Hongkong.....	Dec. 16-Mar. 9....	104	83	
Niuchwang.....	Feb. 3.....			Present.
Shanghai.....	Nov. 27-Mar. 23....	16	42	
Tientsin.....	Mar. 17-23.....	2		
Colombia:				
Cartagena.....	Feb. 25-Mar. 3....		3	
Cuba:				
Habana.....	Jan. 6-30.....	4	1	1 case from ss. Puerto Rico and 2 cases from ss. Danla, from Spanish ports. Death from ss. Kronprinzessin Cecilla from Veracruz.
Ecuador:				
Guayaquil.....	Nov. 16-Mar. 30....		95	
Egypt:				
General.....	July 2-Feb. 28....	605	228	
Cairo.....	Jan. 15-Apr. 1....	14	6	
France:				
Cannes.....	Feb. 1-28.....	1	1	
Dunkirk.....	Feb. 6-Mar. 8....	12	5	Imported.
Marseille.....	Dec. 1-Mar. 31....		788	
Nice.....	Mar. 1-31.....	40	6	
Paris.....	Dec. 2-Apr. 6....	172	5	

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

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Germany:				
Bleichfelde.....	Jan. 14.....	.....	.....	Present.
Bremen.....	Mar. 3-Apr. 6.....	6	.....
Gaudenz.....	Dec. 2-22.....	8	.....
Kanth.....	Dec. 9-15.....	1	.....
Marlenwerder district, Marlenwerder included.	Dec. 9-23.....	3	.....
Maxen.....	Dec. 2-8.....	1	.....
Metz, district.....	Mar. 3-Apr. 6.....	10	.....
Metz city.....	Nov. 18-Apr. 6.....	86	.....
Mülhausen.....	Dec. 2-Mar. 2.....	16	.....
Schwedenhöhe.....	Jan. 14.....	4	.....
Thorn.....	Dec. 2-8.....	1	.....
Gibraltar.....	Dec. 17-Mar. 31.....	16	.....	1 case imported.
Great Britain:				
Belfast.....	Jan. 13-Mar. 2.....	2	.....
Bristol.....	Jan. 27-Feb. 23.....	4	1	
Cardiff.....	Dec. 9-Mar. 2.....	18	1	In port.
Dundee.....	Feb. 17-Mar. 9.....	3	.....
Glasgow.....	Feb. 23-Mar. 1.....	1	.....
Hull.....	Dec. 22-Feb. 23.....	19	5	
Liverpool.....	Jan. 13-Feb. 9.....	8	.....
Manchester.....	Dec. 16-Mar. 16.....	5	.....
Newcastle on Tyne.....	Feb. 16-23.....	1	.....
Sheffield.....	Jan. 1-7.....	1	.....
Southampton.....	Jan. 27-Feb. 9.....	1	1	
India:				
Bombay.....	Dec. 12-Mar. 26.....	.....	20	
Calcutta.....	Nov. 11-Mar. 23.....	.....	544	Report Feb. 2 not yet received.
Madras.....	Nov. 24-Mar. 29.....	.....	18	
Rangoon.....	Dec. 29-Mar. 23.....	.....	5	
Italy:				
General.....	Nov. 23-Apr. 11.....	195	.....
Naples.....	Mar. 10-Apr. 13.....	20	2	
Turin.....	Mar. 3-Apr. 7.....	10	1	
Japan:				
General.....	July 1-Dec. 31.....	6	2	
Luxemburg:				
General.....	Feb. 16-Mar. 30.....	5	.....
Canton-Remich.....	Jan. 19-Feb. 9.....	12	.....
Madeira:				
Funchal.....	Jan. 2-Apr. 17.....	43	19	One case from ss. Massilia.
Malta:				
General.....	Dec. 16-Mar. 3.....	6	1	
Mexico:				
Aguas Calientes— Aguas Calientes.....	Feb. 10-Apr. 13.....	.....	55	
Guanajuato— Acambara.....	Apr. 1-13.....	.....	.....	Present.
Guerrero— Buenavista.....	Mar. 27-Apr. 10.....	.....	2	
Cocala.....	Mar. 27-Apr. 10.....	.....	11	
Iguala.....	Mar. 27-Apr. 10.....	.....	11	
Mexico— Mexico City.....	Dec. 9-Mar. 23.....	.....	187	
Nueva Leon— Monterey.....	Feb. 18-Apr. 21.....	.....	4	
Sonora— Nogales.....	Feb. 24-Apr. 8.....	10	.....
Tamaulipas.....	Jan. 18-Apr. 13.....	.....	.....	Epidemic in vicinity of Mexican Central R. R.
Veracruz— Jalapa.....	Mar. 9-15.....	.....	1	
Tuxpam.....	Mar. 27-Apr. 2.....	.....	2	
Veracruz.....	Jan. 37-Apr. 10.....	6	3	Two cases imported.
Netherlands:				
Flushing.....	Feb. 10-16.....	2	.....
Krimpen.....	Jan. 31-Feb. 5.....	3	.....
North Brabant Province.....	Jan. 31-Feb. 5.....	1	.....
Rotterdam.....	Dec. 30-Mar. 9.....	20	5	
Utrecht.....	Jan. 31-Feb. 5.....	1	.....
Wieringen.....	Mar. 6-12.....	1	.....
Persia:				
Anzell.....	Nov. 1-30.....	.....	.....	Present.
Balk.....	Dec. 1-31.....	.....	.....	Do.
Barfrush.....	Dec. 1-31.....	.....	.....	Do.
Djenguel.....	Dec. 1-31.....	.....	.....	Do.
Gilan Province.....	Nov. 1-Jan. 31.....	.....	.....	Do.
Hamadan.....	Oct. 1-Dec. 31.....	.....	.....	Do.
Kerman.....	Oct. 1-31.....	.....	.....	Do.
Kermanshah.....	Oct. 1-Jan. 31.....	.....	.....	Jan. 1-31, 12 deaths.

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

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Persia—Continued.				
Mash-Had.....	Oct. 1-Dec. 31.....	.....	.....	Present.
Rasht.....	Nov. 1-Jan. 31.....	.....	.....	Do.
Shiraz.....	Oct. 1-31.....	.....	.....	Do.
Sultabad.....	Dec. 1-31.....	.....	.....	Do.
Teheran and vicinity.....	Oct. 1-Jan. 31.....	.....	.....	Do.
Tourchiz.....	Dec. 1-31.....	8	.....
Turbat-Haidairi.....	Oct. 1-Nov. 20.....	.....	56	
Yezd.....	Nov. 1-30.....	.....	.....	Do.
Peru:				
Callao.....	Dec. 23-29.....	.....	.....	Do.
Lima.....	Dec. 1-31.....	9	.....	Mar. 2, still present.
Philippine Islands:				
Manila.....	Jan. 13-Mar. 16...	12	.....	One case on ss. Ban Yek and two cases on ss. Pioneer from the island of Marinduque; at Mariveles quarantine station.
Provinces—				
Batangas.....	.....	600	.....	1906.
Cavite.....	.....	600	.....
Cebu.....	.....	2,000	.....
Porto Rico:				
San Juan.....	Mar. 27-Apr. 2.....	13	.....
Portugal:				
Lisbon.....	Feb. 24-Apr. 6.....	57	.....
Russia:				
Moscow.....	Dec. 11-Apr. 6.....	41	20	Dec. 1-Jan. 31, 17 deaths.
Odessa.....	Dec. 2-Apr. 6.....	374	62	
Riga.....	Mar. 3-Apr. 6.....	25	.....
St. Petersburg.....	Nov. 25-Mar. 30...	46	14	
Warsaw.....	Feb. 3-Mar. 23.....	.....	19	
Salvador:				
San Salvador.....	Feb. 10-16.....	2	.....
Siberia:				
Vladivostok.....	Jan. 22-Feb. 28...	2	2	
Spain:				
Barcelona.....	Dec. 1-Apr. 10.....	.....	71	
Cadiz.....	Nov. 1-Mar. 31.....	.....	32	
Cartagena.....	Mar. 26-30.....	.....	1	
Madrid.....	Oct. 1-Jan. 31.....	.....	3	
Malaga.....	Jan. 1-31.....	.....	1	
San Feliu de Guixols.....	Dec. 23-Jan. 5.....	.....	2	
Seville.....	Nov. 1-Mar. 31.....	.....	98	
Valencia.....	Feb. 24-Apr. 14.....	12	.....
Switzerland:				
General.....	Mar. 24-30.....	.....	1	
Aargau, Canton.....	Feb. 24-Mar. 9.....	2	.....
Derendingen.....	Mar. 31-Apr. 6.....	8	.....
Geneva.....	Mar. 24-30.....	2	.....
Lauterbach.....	Mar. 31-Apr. 6.....	3	.....
Luzern.....	Feb. 3-Mar. 24.....	4	.....
Turkey in Europe:				
Constantinople.....	Dec. 3-Mar. 6.....	.....	10	
Turkey in Asia:				
Bagdad.....	Mar. 10-23.....	.....	.....	Present.
Beirut.....	Dec. 2-Feb. 9.....	.....	.....	Do.
Damascus.....	Mar. 10-Apr. 6.....	.....	.....	Do.

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.....	Apr. 13	174,579	51	5								1		3
Agua Calientes.....	do.	40,000	85	5				6	1				8	
Aix la Chapelle.....	Mar. 30	155,496	75	5								2		
Alexandretta.....	do.	15,000	6											
Asuncion.....	Mar. 9	65,000	27	2					1					
Do.....	Mar. 16	65,000	25						4					
Athens.....	Apr. 6	200,000	25	25								3	2	3
Bahia.....	Mar. 16	265,000	112	15					8					
Do.....	Mar. 23	265,000	77	11					3					
Baracoa.....	Apr. 6	25,000	3	1								1		
Basel.....	do.	128,530	34	16								1		
Belfast.....	do.	370,163	192	41						2		2	4	2
Belize.....	Apr. 18	9,000	9											
Bombay.....	Mar. 26	977,822	1,095	57	653	5		6	2			1		
Bradford.....	Mar. 30	290,323	100	8					1			1		3
Do.....	Apr. 6	290,323	109	10								1		1
Brest.....	Mar. 24	85,300	26											
Cairo.....	Apr. 1	671,344	405	15				2	9	1		3	12	
Calcutta.....	Mar. 16	847,736	631	23	95	50		66					4	
Cartagena.....	Apr. 6	30,000	7	1										
Castries.....	Apr. 7	7,000	6											1
Catania.....	Apr. 4	160,000	100	3					2	4		1		
Do.....	Apr. 11	160,000	85	6										
Chihuahua.....	Apr. 14	37,000	4	4						1	2	1	1	1
Cienfuegos.....	Apr. 13	37,000	18	3					1					
Coatzacoalcas.....	Mar. 30	3,360	7	1										
Do.....	Apr. 6	3,360	5	2										
Constantinople.....	Apr. 7	800,000	359	49					6			3	1	
Dalny.....	Mar. 23	19,064	5											
Dundee.....	Apr. 6	165,748	53											3
Durban.....	Mar. 16	68,800	19	4										
Edinburgh.....	Apr. 6	345,747	122											4
Finishing.....	Apr. 13	20,253	2							1	3			
Fort de France.....	Mar. 23	27,069	25											
Do.....	Mar. 30	27,069	22											
Do.....	Apr. 6	27,069	22											
Geneva.....	Mar. 30	116,400	46											
Georgetown.....	Feb. 2	36,567	68	5										
Do.....	Feb. 9	36,567	35	1										
Do.....	Feb. 16	36,567	35	5										
Do.....	Feb. 23	36,567	85	12										
Do.....	Mar. 2	36,567	57	7										
Girgenti.....	Mar. 30	25,069	16											
Do.....	Apr. 6	25,069	13											
Glasgow.....	Apr. 12	847,584	355						3	2	4	1		31
Guayaquil.....	Mar. 30	70,000	100	1			5	1	2			1		1
Halifax.....	Apr. 20	40,787	12											
Hamburg.....	Apr. 6	824,792	274	36						1		4	1	
Hamilton, Bermuda.....	Apr. 16	20,266	4											
Havre.....	Mar. 30	152,450	58	14										
Honolulu.....	Mar. 23	39,366	14	2										
Jalapa.....	Apr. 12	22,000	22	2										
Lausanne.....	Mar. 30	64,500	11											
Leeds.....	Apr. 13	470,268	154	19							1	1	1	7
Leith.....	Apr. 6	83,668	29	2						1				
Licata.....	Mar. 30	26,500	15	2						1				
Do.....	Apr. 6	26,500	13							2				
Liege.....	Mar. 30	172,039	46	4						1				
London.....	Apr. 6	7,217,941	2,241						5	19	33	87		96
Lubeck.....	do.	93,700	38	3					1		1			
Madras.....	Mar. 22	509,346	369			2		3					6	
Magdeburg.....	Mar. 30	245,345	102	15						2	2			1
Mainz.....	Apr. 6	99,350	34	4										
Manchester.....	do.	631,533	244	22							3	1	3	12
Mazatlan.....	do.	21,000	17											
Messina.....	do.	107,000	49	4						3				
Milan.....	do.	554,293	44									1		
Monterey.....	Apr. 14	100,000	58	5				1						
Montevideo.....	Mar. 9	309,144	48											
Do.....	Mar. 16	309,144	77											
Montreal.....	Apr. 20	360,000	159	17								1	3	
Moscow.....	Mar. 30	1,335,104	657	86				1	3	6	9	9	27	2
Do.....	Apr. 6	1,335,104	685	96				1	3	3	13	10	24	14

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.
Nagasaki.....	Mar. 23	168,436	37	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
Nantes.....	Mar. 31	132,990	73	15	.....	.....	.....	.....	.....	1	.....	.....	.....
Naples.....	Apr. 6	600,000	358	9	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Apr. 13	600,000	298	13	.....	.....	.....	2	.....	.....	.....	.....	.....
Newcastle on Tyne.....	Apr. 6	264,611	88	.....	.....	.....	.....	.....	.....	.....	.....	2	.....
Nogales.....	do.....	3,000	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
Odessa.....	Mar. 30	461,000	147	22	.....	.....	.....	2	.....	1	.....	2	.....
Ottawa.....	Apr. 20	67,572	23	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
Palermo.....	Mar. 30	330,000	150	9	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Apr. 6	330,000	147	5	.....	.....	.....	.....	.....	.....	.....	.....	.....
Paris.....	do.....	2,722,731	1,162	333	.....	.....	.....	.....	.....	3	10	6	14
Port Elizabeth.....	Mar. 23	32,529	10	1	.....	.....	.....	.....	.....	1	.....	.....	.....
Port of Spain.....	do.....	60,000	36	8	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Mar. 30	60,000	30	4	.....	.....	.....	.....	2	.....	.....	.....	.....
Do.....	Apr. 6	60,000	24	2	.....	.....	2	.....	.....	1	.....	.....	.....
Pretoria.....	Mar. 9	36,839	12	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
Do.....	Mar. 16	36,839	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Quebec.....	Apr. 20	75,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
Queens town.....	Apr. 6	7,684	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rangoon.....	Mar. 16	252,155	333	5	72	25	.....	.....	.....	.....	.....	.....	.....
Rheims.....	Apr. 7	109,859	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rio de Janeiro.....	Mar. 17	912,900	284	60	1	.....	.....	.....	.....	.....	.....	.....	2
Do.....	Mar. 24	912,900	256	60	1	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Mar. 31	912,900	277	52	.....	.....	4	1	.....	2	.....	2	.....
Rome.....	Jan. 5	462,783	216	17	.....	.....	.....	.....	.....	.....	.....	1	.....
Do.....	Jan. 12	462,783	216	22	.....	.....	.....	.....	.....	2	.....	1	.....
Do.....	Jan. 19	462,783	216	18	.....	.....	.....	.....	.....	1	.....	1	.....
Do.....	Jan. 26	462,783	216	15	.....	.....	.....	.....	.....	4	.....	2	.....
Rotterdam.....	Apr. 6	392,250	128	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Apr. 13	393,163	126	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
Rouen.....	Apr. 6	118,259	71	12	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sagua la Grande.....	Apr. 13	22,634	8	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Georges, Bermuda.....	Mar. 30	2,189	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. John, N. B.....	Apr. 20	40,789	12	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Stephen, N. B.....	do.....	2,840	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Salford.....	Apr. 6	236,670	84	9	.....	.....	.....	.....	.....	.....	1	2	8
Samana.....	do.....	3,500	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Apr. 13	3,500	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
San Feliu de Guixols.....	Apr. 6	11,094	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Apr. 13	11,094	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Santander.....	Apr. 7	53,574	38	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Santiago de Cuba.....	Apr. 13	45,500	14	4	.....	.....	.....	.....	.....	.....	.....	.....	.....
Singapore.....	Mar. 9	252,373	184	37	1	.....	.....	.....	.....	.....	.....	.....	.....
South Shields.....	Apr. 6	113,460	36	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sunderland.....	do.....	155,859	63	5	.....	.....	.....	.....	.....	.....	.....	4	6
Tampico.....	Apr. 14	20,000	14	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tarragona.....	Apr. 6	20,100	16	3	.....	.....	.....	.....	.....	1	.....	.....	.....
Trapani.....	Mar. 30	67,379	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Apr. 6	67,379	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Turin.....	Mar. 23	367,685	197	11	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Mar. 31	367,685	187	17	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Apr. 7	367,685	154	18	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tuxpam.....	Apr. 9	13,000	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Valencia.....	Apr. 7	215,687	127	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Venice.....	Mar. 30	174,398	81	6	.....	.....	.....	.....	.....	.....	1	.....	.....
Veracruz.....	Apr. 6	32,000	39	8	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Apr. 13	32,000	31	8	.....	.....	.....	.....	.....	.....	.....	.....	.....
Victoria, B. C.....	do.....	25,000	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vigo.....	Apr. 6	36,000	9	1	.....	.....	.....	.....	.....	1	.....	.....	.....
Warsaw.....	Mar. 23	764,611	270	53	.....	.....	.....	1	3	1	5	3	.....
Windsor.....	Apr. 20	3,000	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

By authority of the Secretary of the Treasury:

WALTER WYMAN,

Surgeon-General,

United States Public Health and Marine-Hospital Service.