

## PUBLIC HEALTH REPORTS.

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### UNITED STATES.

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

*Report on the method of collecting morbidity statistics in the State of Pennsylvania.*

Assistant Surgeon-General Eager was directed, October 17, to proceed to Harrisburg, Pa., and to confer with the State department of health of Pennsylvania in regard to the collection of morbidity statistics. He reports as follows, under date of October 23, on the method adopted for that purpose by the health authorities of the State of Pennsylvania:

Under the provisions of an act of assembly, April 27, 1905, regulations have been promulgated requiring all physicians practicing within the limits of the State to make immediate report of certain diseases occurring in their practice. In the case of cities and boroughs, the report is made to the secretary of the board of health of such cities and boroughs; when occurring within the limits of a township, the report is made to the county medical inspector and, also, to the department of health at Harrisburg.

Notification is required in the case of 29 diseases, namely: Actinomycosis, anthrax, bubonic plague, cerebro-spinal meningitis, chicken pox, cholera, diphtheria, epidemic dysentery, erysipelas, German measles, glanders, hydrophobia, leprosy, malarial fever, measles, mumps, pneumonia (true), puerperal fever, relapsing fever, scarlet fever, smallpox, tetanus, trachoma, trichiniasis, tuberculosis (form required to be specified), typhoid fever, typhus fever, whooping cough, and yellow fever.

The reports are made on a standard postal card, giving the date of the report, the full name of the patient, occupation, nativity, age, sex, color, and address of patient, including, if in a city or borough, the name of the street and the house number, and the name of the city or borough and county; if in a township, the post-office address of the patient, the name of the township and county, the name of the disease, the date of the onset of the disease, the name and occupation of the householder in whose family the disease has occurred, the number of children in the household attending school, the name of the school or schools, and the name and address of the physician making the report. In addition to the regular reports, special immediate reports by telephone or telegraph of all cases of smallpox are required. The city and borough boards of health are required to report weekly to the

State department of health on prescribed forms. A report is also made for any fraction of a week occurring at the end of a month, so that the first weekly report in any month begins with the first day of the month.

Hospitals and all other institutions for the care of the sick are required to make special monthly reports of the 29 communicable diseases enumerated. These reports of institutions are carefully checked in the State department of health to prevent duplicating with local reports.

There is also a special form for the weekly report of the city of Philadelphia for the reason that in that city the street name and house number as well as the name of the patient are reported.

Daily reports of communicable diseases in townships are made to the State department of health, confirmatory of the reports of cases forwarded directly on postal cards by medical practitioners.

Weekly summaries of communicable diseases in cities, boroughs, and townships are also forwarded to Harrisburg.

The reports of the 29 communicable diseases covered by regulation are recorded in registers at the State department of health, and the data are arranged by the aid of punching machines for tabulation in the annual report of the department. Defective cards are returned for completion. The first annual report is to be made soon after January 1, 1907. No bulletins of statistical information have yet been issued.

The collection of morbidity statistics was begun November 1, 1905. During the 10 months ended August 31, 1906, there were 75,329 cases reported. The State law provides for prosecution for failure to notify, but it has not yet been found necessary to proceed against any physician for not reporting. There are about 10,000 medical practitioners in the State of Pennsylvania.

The death certificates, which are of the standard form of the United States Census Office, are used as a check on the reporting of morbidity. In every case of death from any of the 29 diseases in question an inquiry is made to ascertain whether the requirements regarding notification of the disease have been complied with.

During the first month that the work was in operation 4,839 cases of notifiable disease were reported, during the second month 6,620 cases, during the third month 10,148 cases, and during the fourth month 12,539 cases, at which time the system was believed to be in full operation. The lowest number, 3,963, reported in any single month was for July, 1906.

The reports of morbidity to be made by the Pennsylvania department of health are to follow, as far as applicable, the system adopted in the preparation of the yearly mortality statistics of the United States Census Office. The collection of morbidity statistics in the State of Pennsylvania is under the supervision of Dr. Wilmer R. Batt, chief of the bureau of statistics, department of health, Harrisburg.

*Report from Savannah, Ga.—Malarial fever on steamship Melderskin from Cristobal.*

Acting Assistant Surgeon Linley, stationed at Savannah Quarantine Station, reports as follows:

December 17, 1906. Arrived, steamship *Melderskin* ten days from Cristobal; clean bill of health. Five cases fever while at Cristobal

and 12 cases during voyage. Cases all give history of malaria, and plasmodia found in 4 cases sick at present. If Bureau satisfied Cristobal clean, recommend release of vessel and crew after fumigation to kill mosquitoes.

On the same date Acting Assistant Surgeon Linley was instructed by the Bureau as follows:

Proceed with fumigation, but hold ship pending instructions tomorrow morning.

On December 18 Acting Assistant Surgeon Linley was further instructed as follows:

Bureau satisfied no yellow fever Cristobal. On completion fumigation, if satisfied cases malarial, release *Melderskin*.

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

Acting Assistant Surgeon Young reports, December 17, as follows: Week ended December 15, 1906. Eighteen passenger trains, carrying about 1,000 passengers, inspected; 90 passengers vaccinated, and baggage of 20 disinfected. Of the vaccinated all came from Kent County, New Brunswick, and Cumberland County, Nova Scotia, and were all ticketed for New England points. In the sections from which these people came smallpox is epidemic, with more than a thousand cases estimated.

*Report from Norfolk, Va.—Smallpox.*

Passed Assistant Surgeon Blue reports, December 17, as follows: During the past week 2 cases of smallpox, both colored, have been sent to the Craney Island Hospital. One is supposed to have come from Petersburg and the other from Suffolk, Va. These are the first cases to appear in Norfolk since the epidemic of last winter. Smallpox exists also in Richmond, Va., and Raleigh, N. C.

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

CALIFORNIA—*Stockton*.—Month of November, 1906. Estimated population, 20,000. Total number of deaths, 29, including 2 from tuberculosis. Cases of contagious disease not reported.

FLORIDA.—Reports from the State board of health for the week ended December 15, 1906, show cases of contagious and infectious diseases as follows: Diphtheria—Duval County, *Jacksonville*, 5 cases; Hillsboro County, *Tampa*, 2 cases; Leon County, *Tallahassee*, 1 case. Enteric fever—Hillsboro County, *Tampa*, 1 case. Tuberculosis—Duval County, *Jacksonville*, 2 cases; Hillsboro County, *Tampa*, 2 cases; Volusia County, *Daytona*, 1 case.

MONTANA.—Month of November, 1906. Estimated population, 280,000. Reports to the State board of health from 28 counties show as follows: Total number of deaths, 252, including diphtheria 5, enteric fever 12, scarlet fever 2, and 23 from tuberculosis. Cases of contagious diseases were reported as follows: Diphtheria 41, enteric fever 68, measles 94, scarlet fever 12, smallpox 2.

**NORTH CAROLINA.**—Month of October, 1906. Estimated population, 1,893,810. Reports to State board of health from 77 counties show as follows: Measles in 6 counties, whooping cough in 22 counties, scarlet fever in 7 counties, diphtheria in 48 counties, enteric fever in 53 counties, malarial fever in all parts of 5 counties and many parts of 3 counties, present in 25 counties, pernicious malarial fever in 4 counties, hemorrhagic malarial fever in 7 counties, and smallpox in 3 counties, viz: Alamance, 8 cases; Bladen, 4 cases, and Randolph, 17 cases.

Reports for the month of October, 1906, from 21 towns having an aggregate population of 183,900—white, 111,050; colored, 72,850—show a total of 274 deaths—white 133, colored, 141—including diphtheria 5, enteric fever 19, whooping cough 1, and 32 from phthisis pulmonalis.

**OREGON.**—Month of November, 1906. Reports to the State board of health from 33 counties show as follows: Total number of deaths, 326, including diphtheria 4, enteric fever 22, and 21 from tuberculosis. Cases of contagious diseases reported: Diphtheria 43, enteric fever 89, measles 6, scarlet fever 23, smallpox 1, tuberculosis 1.

*Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, June 29 to December 23, 1906.*

[For reports received from December 29, 1905, to June 29, 1906, see PUBLIC HEALTH REPORTS for June 29, 1906.]

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

Place.	Date.	Cases.	Deaths.	Remarks.
California: General.....	May 1-July 31.....		11	
San Francisco.....	Oct. 14-20.....	1		
Stockton.....	June 1-30.....	1		
Total for State.....		2	11	
Total for State, same period, 1905.		91		
Colorado:				
Boulder County.....	May 1-31.....	1		
Denver County, Denver in- cluded.	May 1-Sept. 30...	16		
Eagle County.....	June 1-30.....	2		
El Paso County, Colorado Springs included.	June 1-July 31...	10		
Fremont County, Canyon City included.	June 1-Aug. 31..	8		
Garfield County.....	June 1-30.....	3		
Kit Carson County.....	June 1-30.....	1		
Larimer County.....	May 1-June 30...	8		
La Plata County.....	July 1-31.....	1		
Las Animas County.....	June 1-Oct. 31...	7		
Lincoln County.....	June 1-30.....	3		
Morgan County.....	May 1-31.....	1		
Park County.....	Sept. 1-30.....	1		
Pitkin County.....	July 1-31.....	2		
Prowers County.....	July 1-31.....	1		
Pueblo County.....	May 1-July 31...	58		
Teller County.....	May 1-31.....	3		
Weld County.....	May 1-31.....	2		
Total for State.....		128		
Total for State, same period, 1905.		104		

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Connecticut:</b>				
New Britain .....	July 1-31 .....	1		
Putnam .....	July 1-31 .....	2		
Stamford .....	June 1-30 .....	1		
Windham .....	July 1-31 .....	2		
Total for State .....		6		
Total for State, same period, 1905.				
<b>Delaware:</b>				
Reedy Island Quarantine Station.	Dec. 2 .....	1		On ss. Oswestry.
Total for State .....		1		
Total for State, same period, 1905.				
<b>District of Columbia:</b>				
Washington .....	Oct. 28-Dec. 15 .....	2	1	
Total for District .....		2	1	
Total for District, same period, 1905.		34	3	
<b>Florida:</b>				
Brevard County .....	June 24-30 .....	1		
Columbia County .....	June 24-July 21 .....	5		
Duval County, Jacksonville included.	June 24-Dec. 1 .....	13		
Escambia County .....	July 29-Aug. 4 .....	1		
Madison County .....	Nov. 25-Dec. 1 .....	1		
Nassau County .....	July 15-21 .....	1		
St. Johns County .....	June 24-30 .....	1		
Total for State .....		23		
Total for State, same period, 1905.		12		
<b>Georgia:</b>				
Augusta .....	June 26-Dec. 17 .....	43		
Chatham County .....	Oct. 4-10 .....	2		Imported.
Sapelo Island .....	June 25-29 .....	1		
Total for State .....		46		
Total for State, same period, 1905.				
<b>Illinois:</b>				
Canton .....	July 1-31 .....			Present.
Cereal Springs .....	July 1-31 .....			Do.
Chicago .....	Aug. 4-Dec. 15 .....	3		
Galesburg .....	June 17-Dec. 15 .....	153	1	
Glassford .....	July 1-31 .....			Do.
Moline .....	Sept. 24-30 .....	2		
Total for State .....		158	1	
Total for State, same period, 1905.		87	11	
<b>Indiana:</b>				
Adams County .....	May 1-June 30 .....	24		
Allen County .....	May 1-Oct. 31 .....	72		
Carroll County .....	June 1-30 .....	2		
Clark County .....	May 1-July 31 .....	11		
Crawford County .....	May 1-31 .....	2		
Delaware County .....	Oct. 1-31 .....	1		
Fayette County .....	May 1-31 .....	1		
Floyd County .....	May 1-June 30 .....	14		
Fulton County .....	May 1-Oct. 31 .....	20		
Grant County .....	June 1-30 .....	2		
Henry County .....	May 1-31 .....	1		
Jay County .....	June 1-July 31 .....	11		
Jefferson County .....	July 1-Oct. 31 .....	79	4	
Johnson County .....	Sept. 1-30 .....	1		
Lagrange County .....	Oct. 1-31 .....	8		
Marion County, Indianapolis included.	May 1-Dec. 16 .....	8		
Miami County .....	May 1-Oct. 31 .....	30		
Montgomery County .....	Sept. 1-30 .....	3		
Pulaski County .....	Aug. 1-31 .....	20		
Putnam County .....	May 1-31 .....	1		
Ripley County .....	Oct. 1-31 .....	1		

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Indiana—Continued.</b>				
St. Joseph County, South Bend.	Sept. 18-Dec. 8	50	—	
Shelby County	June 1-Sept. 30	19	—	
Starke County	Sept. 1-30	6	—	
Sullivan County	Sept. 1-30	8	2	
Vanderburg County	May 1-July 31	11	—	
Vigo County	May 1-Oct. 31	4	—	
Wabash County	Sept. 1-30	1	—	
Washington County	May 1-31	20	—	
Total for State		431	6	
Total for State, same period, 1905.		39	5	
<b>Iowa: General</b>				
Farley	Nov. 1-30	—	1	
	Oct. 10-Nov. 12	14	—	
Total for State <sup>a</sup>		14	1	
Total for State, same period, 1905.		2	—	
<b>Kansas:</b>				
Allen County	May 1-July 31	27	1	
Atchison County, Atchison included.	May 1-31	10	—	
Barton County	May 1-Oct. 31	3	—	
Bourbon County	May 1-31	7	—	
Brown County	Aug. 1-31	1	—	
Butler County	July 1-31	2	—	
Chase County	June 1-July 31	11	—	
Chautauqua County	May 1-June 30	3	—	
Cherokee County	May 1-31	3	—	
Cheyenne County	Aug. 1-Oct. 31	52	—	
Cloud County	Oct. 1-31	2	—	
Cowley County	May 1-Sept. 30	20	—	
Doniphan County	May 1-July 31	7	—	
Douglas County	May 1-31	1	—	
Elk County	June 1-July 31	23	—	
Ford County	May 1-Oct. 31	16	—	
Gove County	July 1-31	1	—	
Greenwood County	July 1-Aug. 31	2	—	
Harper County	May 1-June 30	6	—	
Harvey County	July 1-31	2	—	
Jackson County	May 1-31	1	—	
Jewell County	May 1-June 30	9	—	
Johnson County	Nov. 1-30	2	—	
Kiowa County	July 1-Aug. 31	4	—	
Leavenworth County, Leavenworth included.	May 1-31	2	—	
Lyon County	June 1-30	17	—	
Montgomery County, Coffeyville included.	May 1-Sept. 30	96	—	
Ness County	July 1-31	3	—	
Osborne County	Oct. 1-31	5	—	
Ottawa County	May 1-31	45	—	
Pratt County	May 1-31	6	—	
Reno County	May 1-July 31	30	—	
Republic County	May 1-31	4	—	
Rice County	July 1-Aug. 31	7	—	
Riley County	June 1-July 31	4	—	
Rush County	May 1-31	6	—	
Saline County	June 1-July 31	3	—	
Sedgwick County, Wichita included.	May 1-Nov. 30	74	—	
Seward County	July 1-Aug. 31	2	—	
Shawnee County, Topeka included.	May 1-Dec. 8	5	—	
Stafford County	June 1-July 31	6	—	
Sumner County	May 1-Oct. 31	15	—	
Wabaunsee County	June 1-30	1	—	
Washington County	June 1-30	1	—	
Wilson County	May 1-Oct. 31	23	—	
Woodson County	June 1-30	6	—	
Wyandotte County, Kansas City included.	May 1-Aug. 31	16	—	
Total for State		592	1	
Total for State, same period, 1905.		406	4	

During the year 1905, 4,116 cases, 33 deaths.

<sup>a</sup> Report for September received out of date.

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Kentucky:</b>				
Lexington .....	Sept. 9-15.....	1		
Total for State .....		1		
Total for State, same period, 1905.....		22		
<b>Louisiana:</b>				
New Orleans.....	June 17-Dec. 8...	125	6	9 cases imported.
Shreveport.....	June 24-Nov. 24..	3	1	
Total for State .....		128	7	
Total for State, same period, 1905.....		36	1	
<b>Maine:</b>				
Bangor.....	Nov. 4-10.....	3		Present.
Blaine.....	July 1-21.....	2		
Houlton.....	June 30-July 6...	1		
Mars Hill.....	July 1-21.....	1		
Total for State .....		6		
Total for State, same period, 1905.....		18	6	
<b>Maryland:</b>				
Baltimore.....	Aug. 6.....	1		On ss. Neckar from Bre-
Total for State .....		1		men.
Total for State, same period, 1905.....		9		
<b>Massachusetts:</b>				
Boston.....	July 22-28.....	1		
Lawrence.....	Sept. 2-8.....	1		
New Bedford.....	June 24-July 28..	18		
Total for State .....		20		
Total for State, same period, 1905.....		10		
<b>Michigan:</b>				
Bay City.....	June 1-30.....		1	
Detroit.....	June 24-Nov. 24..	6		
Grand Rapids.....	May 1-Aug. 30...	3		
Lowell.....	May 20-July 7...	34		
Total for State .....		43	1	
Total for State, same period, 1905.....		69	16	
<b>Minnesota:</b>				
Aitkin County.....	Nov. 20-Dec. 10..	4		
Beltrami County.....	Apr. 1-Nov. 19...	4		
Blue Earth County.....	Apr. 24-June 25..	21		
Carver County.....	May 8-14.....	5		
Cass County.....	Apr. 24-June 11..	1		
Clay County.....	July 10-16.....	1		
Faribault County.....	July 10-16.....	5		
Grant County.....	May 1-June 28...	9		
Hennepin County, Minneapo- lis included.....	June 1-Dec. 10..	13		
Houston County.....	Aug. 14-Sept. 24..	9		
Hubbard County.....	Nov. 28-Dec. 3...	1		
Kandiyohi County.....	Nov. 13-26.....	3		
Lac qui Parle County.....	Sept. 4-10.....	1		
Lake County.....	Dec. 6-10.....	2		
Lyon County.....	Apr. 24-June 4...	1		
Morrison County.....	Apr. 24-Nov. 19...	8		
Mower County.....	Apr. 24-July 9...	3		
Olmsted County.....	Aug. 14-Sept. 3...	2		
Ottertail County.....	June 1-Dec. 10..	42		
Pine County.....	May 29-Oct. 8...	39		
Polk County.....	June 28-Nov. 26..	5		
Ramsey County, St. Paul in- cluded.....	June 1-Dec. 3...	8		
Rice County.....	May 29-June 4...	1		
St. Louis County.....	Apr. 24-Dec. 10..	33		
Scott County.....	Sept. 25-Nov. 26..	5		
Stevens County.....	Mar. 1-June 11...	1		
Todd County.....	Nov. 28-Dec. 3...	7		
Wadena County.....	Nov. 28-Dec. 3...	4		

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

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Minnesota—Continued.</b>				
Waseca County .....	Apr. 24-June 11 .....	3		
Washington County .....	May 8-June 4 .....	2		
Total for State .....		243		
Total for State, same period, 1905.		325		
<b>Missouri:</b>				
Amsterdam .....	May 8-July 12 .....	12		
St. Joseph .....	July 29-Dec. 15 .....	10		
St. Louis .....	June 17-Dec. 8 .....	9		
Total for State .....		31		
Total for State, same period, 1905.		5	13	
<b>Montana:</b>				
Carbon County .....	July 1-31 .....	18		
Cascade County .....	June 1-Sept. 30 .....	2		
Choteau County .....	Nov. 1-30 .....	1		
Custer County .....	June 1-Oct. 31 .....	4		
Fergus County .....	June 1-July 31 .....	5		
Meagher County .....	July 1-Oct. 31 .....	10		
Park County .....	July 1-Nov. 30 .....	11		
Silver Bow County .....	July 1-Oct. 31 .....	22		
Yellowstone County .....	June 1-July 31 .....	38		
Total for State .....		106		
Total for State, same period, 1905.		23		
<b>Nebraska:</b>				
Omaha .....	June 9-Nov. 21 .....	19		
Total for State .....		19		
Total for State, same period, 1905.		3		
<b>New Hampshire:</b>				
Concord .....	June 1-30 .....	1	1	
Total for State .....		1	1	
Total for State, same period, 1905.		4		
<b>New Jersey:</b>				
Elizabeth .....	July 1-7 .....	1		
Total for State .....		1		
Total for State, same period, 1905.				
<b>New York:</b>				
Albany County, Cohoes .....	July 14-Aug. 6 .....	20		
Cattaraugus County .....	Oct. 1 .....	1		
Chautauque County .....	May 1-June 3 .....	4		
Delaware County .....	Oct. 1 .....	1		
Dutchess County .....	Apr. 1 .....	1		
Genesee County .....	Mar. 1-Aug. 1 .....	2		
Greene County—Athens .....	Apr. 1-Aug. 1 .....	80		
Catskill .....	Apr. 1-Dec. 5 .....	109		
Durham .....	June 3-July 3 .....	7		
Herkimer County .....	Feb. 1 .....	1		
Kings County, Brooklyn .....	June 1-30 .....		3	
Montgomery County, Fort Plain .....	Feb. 1-28 .....	2		
New York County, New York .....	June 17-Dec. 15 .....	44		
Niagara County .....	June 1-Aug. 1 .....	2		
Ontario County, Jordan .....	Nov. 4-30 .....	5		
Orange County, Middletown .....	Apr. 22-Oct. 1 .....	3		
Rensselaer County, Troy .....	Nov. 3 .....	3		
Rockland County .....	May 9-June 2 .....	4		
Saratoga County .....	June 19-Nov. 3 .....	9		
Steuben County .....	July 1-Nov. 20 .....	28		
Sullivan County .....	Aug. 3-Sept. 7 .....	10		
Tompkins County .....	Nov. 1-30 .....	1		
Wayne County .....	Oct. 1 .....	1		
Total for State .....		338	3	
Total for State, same period, 1905.		8	1	

3 cases previously reported.

1 in quarantine at Avoca.



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

Place.	Date.	Cases.	Deaths.	Remarks.	
<b>North Carolina:</b>					
Alamance County .....	Aug. 1-Oct. 31...	12		Present.	
Anson County .....	May 1-June 30 .....				
Ashe County .....	July 1-Aug. 31 .....	18		Still present.	
Beaufort County .....	June 1-July 31 .....	3			
Bertie County .....	May 1-June 30 .....	4			
Bladen County .....	Oct. 1-31 .....	4			
Cabarrus County .....	May 1-July 31 .....	7			
Camden County .....	May 1-June 30 .....	14			
Cartaret County .....	June 1-30 .....	2			
Cherokee County .....	Aug. 1-31 .....	1			
Chowan County .....	May 1-31 .....	3			
Craven County .....	May 1-July 31 .....	4			
Cumberland County .....	May 1-Aug. 31 .....	21			
Currituck County .....	May 1-June 30 .....	17			
Davie County .....	May 1-31 .....	6			
Duplin County .....	June 1-July 31 .....	5			
Durham County .....	May 1-31 .....	1			
Forsyth County .....	May 1-31 .....	4			
Guilford County, Greensboro included.	May 1-Dec. 15 .....	62			
Harnett County .....	May 1-31 .....	7			
Hertford County .....	May 1-Aug. 31 .....	37			
Hyde County .....	June 1-July 31 .....	12			
Martin County .....	June 1-July 31 .....	70			
Mecklenburg County .....	May 1-June 30 .....	3			
Nash County .....	July 1-31 .....	3			
New Hanover County .....	June 1-30 .....	1			
Pasquotank County .....	July 1-31 .....	2			
Randolph County .....	July 1-Oct. 31 .....	24			
Robeson County .....	May 1-June 30 .....			Present.	
Sampson County .....	May 1-31 .....	5			
Scotland County .....	May 1-June 30 .....	4			
Union County .....	May 1-31 .....	1			
Washington County .....	May 1-July 31 .....	11			
Wayne County .....	May 1-June 30 .....	6			
Total for State .....		374			May 1, 1905, to May 1, 1906, cases 6,049.
Total for State, same period, 1905.		137			
<b>North Dakota:</b>					
Barnes County .....	Aug. 1-31 .....	2			
Bottineau County .....	June 1-30 .....	1			
Grand Forks County .....	May 1-31 .....	1			
Griggs County .....	May 1-June 30 .....	9			
Kidder County .....	May 1-31 .....	17			
Lamoure County .....	June 1-30 .....	27			
Nelson County .....	June 1-30 .....	1			
Ramsey County .....	May 1-31 .....	1			
Stark County .....	Aug. 1-31 .....	1			
Stutsman County .....	Aug. 1-31 .....	3			
Walsh County .....	Aug. 1-31 .....	4			
Ward County .....	Aug. 1-31 .....	1			
Total for State .....		68			
Total for State, same period, 1905.		93	2		
<b>Ohio:</b>					
Cincinnati .....	June 16-Nov. 30..	9		Imported.	
East Liverpool .....	July 1-31 .....	2			
Findlay .....	Nov. 3 .....	1			
Toledo .....	Nov. 18-Dec. 8..	4			
Total for State .....		16			
Total for State, same period, 1905.		100	2		
<b>Oklahoma:</b>					
Oklahoma City .....	June 16-Aug. 4 ..	27	1		
Total for State .....		27			
Total for State, same period, 1905.					
<b>Oregon:</b>					
General .....	July 1-31 .....		1		
Klamath County .....	June 1-30 .....	11			
Lane County .....	June 1-July 31..	4			
Marion County .....	July 1-Oct. 31 ..	8	1		

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

Place.	Date.	Cases.	Deaths.	Remarks.
Oregon—Continued.				
Multnomah County.....	July 1-Oct 31....	6		
Polk County.....	June 1-July 31....	6		
Umatilla County.....	Nov. 1-30.....	1		
Wasco County.....	June 1-July 31....	4		
Total for State.....		40	2	
Total for State, same period, 1905.....		17		
Pennsylvania:				
Altoona.....	Sept. 16-22.....	1	1	
Columbia.....	July 29-Aug. 4....	1		
Sunbury.....	July 14-31.....	1		
Total for State.....		3	1	
Total for State, same period, 1905.....		25		
South Carolina:				
Camden.....	July 8-14.....	1		
Greenville.....	Nov. 11-17.....	1		
Total for State.....		2		
Total for State, same period, 1905.....		2	1	
Tennessee:				
Knoxville.....	June 24-Oct. 26..	9		
Memphis.....	June 24-Aug. 4..	11		
Total for State.....		20		
Total for State, same period, 1905.....		5		
Texas:				
Harris County, Houston.....	Aug. 12-Oct. 20..	4		
Harrison County, Marshall in- cluded.....	Apr. 22-July 11..	7		
Hopkins County.....	Apr. 1-July 5....	50		
Hunt County, Greenville.....	Mar. 26-Aug. 6....	33		
Total for State.....		94		
Total for State, same period, 1905.....				
Utah:				
Cache County.....	Oct. 1-31.....	1		
Carbon County.....	Sept. 1-Oct. 31..	7		
Davis County.....	June 1-30.....	1		
Emery County.....	Sept. 1-Oct. 31..	8		
Juab County.....	Sept. 1-30.....	2		
Salt Lake County, Salt Lake City included.....	June 1-Nov. 30..	24		
Sanpete County.....	June 1-July 31..	8		
Sevier County.....	June 1-Oct. 31..	26		
Summit County.....	June 1-Oct. 31..	9		
Utah County.....	Oct. 1-31.....	1		
Wasatch County.....	July 1-Oct. 31..	31		
Weber County, Ogden in- cluded.....	June 1-Nov. 30..	21		
Total for State.....		139		
Total for State, same period, 1905.....		146		
Virginia:				
Norfolk.....	Dec. 11-17.....	2		At Craney Island Hospital.
Richmond.....	Oct. 1-31.....	1		
Total for State.....		3		
Total for State, same period, 1905.....		1	1	
Washington:				
Chehalis County.....	May 1-31.....	3		
Cowlitz County.....	June 1-Sept. 30..	8		
Lewis County.....	June 1-July 31..	4		
Lincoln County.....	May 1-31.....	13		
Pierce County.....	May 1-July 31..	15		
Snohomish County.....	Aug. 1-31.....	1		

## Smallpox in the United States—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Washington—Continued.				
Spokane County, Spokane included.	July 1–Dec. 15...	9		4 imported from Idaho lumber camps.
Whatcom County	May 1–Sept. 30...	5		
Total for State		58		
Total for State, same period, 1905		118	2	
West Virginia:				
Marshall County	Apr. 1–July 14...	24		
Total for State		24		
Total for State, same period, 1905.				
Wisconsin:				
Brown County	Jan. 1–Aug. 31...	41		
Calumet County	Jan. 1–Feb. 28...	38		
Dane County	Jan. 1–Sept. 30...	76		
Dodge County	Sept. 1–30...	1		
Douglas County	Jan. 1–July 31...	30		
Eau Claire County	Sept. 1–30...	1		
Fond du Lac County	Feb. 1–Aug. 31...	2		
Forest County	Aug. 1–31...	4		
Grant County	Jan. 1–Mar. 31...	14		
Iowa County	Mar. 1–31...	3		
Jackson County	Apr. 1–30...	1		
Jefferson County	Feb. 1–Apr. 30...	10		
La Crosse County, La Crosse included.	June 24–Dec. 15...	8		
Lafayette County	July 1–Aug. 31...	7		
Manitowoc County	Aug. 1–31...	1		
Marathon County	May 1–31...	2		
Marinette County, Marinette included.	Jan. 1–Aug. 31...	17		
Milwaukee County, Milwaukee included.	Jan. 1–Dec. 15...	206		
Oconto County	Jan. 1–Mar. 31...	6		
Oneida County	Feb. 1–July 31...	2		
Outagamie County, Appleton included.	Jan. 1–Dec. 15...	112		
Ozaukee County	Jan. 1–Aug. 31...	17		
Polk County	Jan. 1–Feb. 28...	10		
Portage County	Aug. 1–31...	1		
Rock County, Beloit included.	Jan. 1–July 31...	71		
Rusk County	Jan. 1–31...	4		
St. Croix County	Feb. 1–28...	1		
Shawano County	Feb. 1–Sept. 30...	4		
Sheboygan County	Feb. 1–Mar. 31...	10		
Vernon County	May 1–31...	2		
Walworth County	Feb. 1–28...	1		
Waukesha County	May 1–31...	1		
Waupaca County	Jan. 1–Aug. 31...	51		
Waushara County	Aug. 1–31...	5		
Winnebago County	Jan. 1–July 31...	11		
Total for State		771		
Total for State, same period, 1905.		72	1	
Grand total		3,979	37	
Grand total, same period, 1905		2,023	69	

## Yellow fever in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, August 17 to December 28, 1906.

Place.	Date.	Cases.	Deaths.	Remarks.
Georgia:				
South Atlantic Quarantine Station	Sept. 24.....	1		From Spanish ss. Habana from Habana.
Louisiana:				
Iberia Parish— New Iberia.....	Aug. 19.....	1		
Total		2		



Greensboro, N. C.	do	10,035	7	1	3	1	1	1	19	1	5	...
Hartford, Conn.	do	79,850	25	1	3	1	1	1	19	1	5	...
Harrison, N. J.	do	10,586	4	1	1	1	1	1	8	1	2	...
Haverhill, Mass.	Dec. 14	37,175	4	1	3	1	1	1	2	1	2	6
Houston, Tex.	do	44,633	15	6	1	1	1	1	3	1	1	1
Hyde Park, Mass.	Dec. 15	13,244	6	1	1	1	1	1	15	1	1	...
Indianapolis, Ind.	do	169,164	50	3	3	1	1	1	7	1	1	...
Jacksonville, Fla.	Dec. 16	28,429	13	2	2	1	1	1	7	2	2	...
Johnstown, Pa.	Dec. 15	35,836	12	1	1	1	1	1	7	2	2	...
Kalamazoo, Mich.	do	24,404	14	1	1	1	1	1	4	3	3	...
Kingston, N. Y.	do	24,535	11	2	2	1	1	1	5	...	...	...
La Crosse, Wis.	do	28,895	14	1	1	1	1	1	4	...	...	...
La Fayette, Ind.	Dec. 17	18,116	6	2	2	1	1	1	4	...	...	...
Lawrence, Mass.	Dec. 15	62,559	17	2	2	1	1	1	4	...	...	...
Lebanon, Pa.	do	17,628	1	1	1	1	1	1	3	1	1	...
Lexington, Ky.	do	26,369	19	1	1	1	1	1	7	2	2	7
Los Angeles, Cal.	Dec. 1	103,479	95	2	14	2	2	3	7	2	7	7
Lowell, Mass.	Dec. 15	94,969	28	2	1	1	1	1	9	2	2	1
Macon, Ga.	do	23,746	7	2	2	1	1	1	3	1	1	...
Malden, Mass.	do	35,664	8	1	1	1	1	1	4	1	1	...
Manchester, N. H.	do	56,987	29	3	1	1	1	1	4	1	1	...
Marlboro, Mass.	do	13,609	3	1	1	1	1	1	1	1	1	...
Massillon, Ohio	do	11,944	2	1	1	1	1	1	1	1	1	...
Medford, Mass.	do	18,244	9	1	1	1	1	1	1	1	1	...
Melrose, Mass.	do	12,962	3	1	1	1	1	1	2	2	2	13
Middletown, N. Y.	do	14,523	10	1	1	1	1	1	3	3	3	...
Milwaukee, Wis.	Dec. 20	283,315	71	12	8	16	1	6	17	4	4	7
Mount Carmel, Pa.	Dec. 9	13,179	6	1	1	1	1	1	1	1	1	...
Do	Dec. 17	13,179	7	1	1	1	1	1	1	1	1	...
Mount Vernon, N. Y.	Dec. 1	21,228	5	1	1	1	1	1	3	3	3	10
Nashville, Tenn.	Dec. 1	80,865	49	1	0	1	1	1	2	2	2	...
Newark, N. J.	Dec. 15	246,070	81	20	1	7	1	9	1	94	1	1
New Bedford, Mass.	do	63,442	18	2	1	1	1	1	2	1	1	...
New Orleans, La.	do	287,104	134	12	1	7	3	2	16	1	1	...
Newton, Mass.	do	33,587	5	1	1	1	1	1	3	3	3	...
New York, N. Y.	do	3,437,292	1,461	354	179	51	15	185	11	289	42	163
Niagara Falls, N. Y.	do	19,457	7	1	1	1	1	1	3	3	3	8
Northampton, Mass.	do	22,265	4	1	1	1	1	1	1	1	1	...
North Adams, Mass.	do	24,200	4	1	1	1	1	1	1	1	1	...
Northampton, Mass.	do	18,643	7	1	1	1	1	1	1	1	1	...
Oneonta, N. Y.	do	7,147	4	1	1	1	1	1	1	1	1	...
Palmer, Mass.	do	7,801	2	1	1	1	1	1	1	1	1	...
Philadelphia, Pa.	Dec. 8	1,293,697	516	86	73	293	18	26	1	78	10	43
Do	Dec. 15	1,293,697	500	81	59	198	28	24	42	6	33	2
Pittsburg, Pa.	Dec. 8	321,616	138	1	9	89	6	24	32	10	2	32
Do	Dec. 15	321,616	115	6	5	182	10	8	10	27	5	9
Plainfield, N. J.	do	15,369	8	5	1	6	1	21	9	7	7	...
Providence, R. I.	do	125,597	38	1	1	6	1	2	2	2	2	...
Quincy, Mass.	do	123,809	33	3	5	6	2	4	4	4	4	50
Reading, Pa.	Dec. 17	58,961	8	1	1	6	2	4	7	7	7	...
St. Joseph, Mo.	Dec. 15	102,979	13	1	1	6	2	4	4	4	4	...
St. Louis, Mo.	do	573,238	197	36	18	6	1	22	1	36	2	59

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

Cities.	Week ended—	Popula- tion, United States census of 1900.	Total deaths from all causes.	Cases and deaths.													
				Tuber- culosis.	Yellow fever.	Small- pox.	Vario- loid.	Chol- era.	Typhus fever.	Enteric fever.	Scarlet fever.	Diph- theria.	Measles.	Whoop- ing cough.			
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
San Francisco, Cal.	Dec. 1	342,782	130	3	4												
Do.	Dec. 8	342,782	114	5	5												
Shreveport, La.	Dec. 15	16,013	a 24	1	1												
Sioux Falls, S. Dak.	do.	10,266	3														
Somerville, Mass.	do.	61,643	15	3													
South Bend, Ind.	do.	35,999	9	1	1												
Spokane, Wash.	do.	38,848	16														
Springfield, Mass.	do.	62,059	25	2													
Steelton, Pa.	do.	12,068	4														
Taunton, Mass.	Dec. 17	31,036	15														
Terre Haute, Ind.	do.	36,673	19	1													
Toledo, Ohio	Dec. 15	33,608	42	1													
Trenton, N. J.	do.	73,307	42														
Waltham, Mass.	do.	23,481	4														
Washington, D. C.	do.	278,718	117	16													
Wheeling, W. Va.	do.	38,878	16	1													
Williamsbarre, Pa.	do.	51,721	20	1													
Williamsport, Pa.	Dec. 13	28,757	8														
Wilmington, Del.	Dec. 15	76,508	29	4													
Winona, Minn.	do.	19,714	3														
Yonkers, N. Y.	do.	47,931	24	2													

a 14 residents; 10 nonresidents.

## FOREIGN AND INSULAR.

### CHINA.

*Reports from Shanghai—Inspection of vessels—Case of smallpox on U. S. ss. Raleigh at Chefoo.*

Temporary Acting Assistant Surgeon Mills reports, November 13 and 21, as follows:

Week ended November 10, 1906. Supplemental bills of health issued to 2 steamships after inspection of crews and steerage passengers; total number of crews, 219; 13,055 pieces of freight viséed; 10 pieces of baggage inspected and disinfected; 4 emigrants passed, 1 of whom was rejected by the physician of the American steamship *China*.

The only outpost heard from is Chefoo, which reports 1 case of smallpox on board the U. S. S. S. *Raleigh*, which was transferred to the hospital.

Week ended November 17, 1906. Supplemental bills of health issued to 2 steamships; crews, 203; 17 steerage passengers inspected and passed; 23,391 pieces of freight viséed. No cases of quarantinable diseases have been reported from outports.

### CUBA.

*Report from Cardenas—Summary of transactions.*

Acting Assistant Surgeon Ives, at Tampa, Fla., reports, December 15, as follows:

*Summary of transactions for the period from August 14 to November 1, 1906.*

Vessels inspected and bills of health issued .....	14
Vessels not inspected and bills of health issued .....	15
Crews of outgoing vessels inspected .....	335
Crews of outgoing vessels not inspected .....	452
Passengers of outgoing vessels inspected .....	0
Passengers of outgoing vessels not inspected .....	0
Immune certificates issued .....	5
Vessels fumigated prior to sailing .....	6

No yellow fever has occurred at this port during the time, and it has been remarkably free from infectious diseases of all kinds. During my term of office here 1 case of leprosy not isolated was discovered and reported to the Bureau. One other case was reported later, which seemed to be fairly well isolated. The local hospital is well prepared to care for yellow fever, as there is a ward, well screened, especially prepared for the purpose, and all suspicious cases are isolated in this ward until a positive diagnosis has been determined.

*Report from Habana—Inspection and fumigation of vessels—Yellow fever—Dengue fever—case of smallpox on ss. Kronprinzessin Cecilia, from Veracruz.*

Passed Assistant Surgeon von Ezdorf reports, December 18, as follows:

*Week ended December 15, 1906.*

Vessels inspected and bills of health issued.....	22
Vessels not inspected and bills of health issued.....	4
Crew of outgoing vessels inspected.....	812
Crew of outgoing vessels not inspected.....	118
Passengers of outgoing vessels inspected.....	449
Health certificates issued to passengers for Florida.....	280
Vessels fumigated prior to sailing.....	10
Pieces of baggage inspected.....	400

Three new cases of yellow fever were reported in Habana during the week. Of these, 1 was from Toledo plantation, which is near Marianao, a suburb of Habana. The other two cases were probably infected at Covadonga Hospital, making 3 cases, the infection of which could be traced to that institution.

The report of infectious diseases for the month of November shows that there were 2 cases of dengue fever reported. This number shows a marked decrease from that of the previous month.

December 22: One case yellow fever at Cardenas reported to-day.

December 27: Case yellow fever Habana arrived from Nueva Paz December 24, entered Covadonga hospital December 25, confirmed to-day.

December 27: Case smallpox developed while in detention camp arrived from Vera Cruz December 22, on German ss. *Kronprinzessin Cecilia*.

*Special measures applied to passenger travel for southern ports to be discontinued at Habana.*

Passed Assistant Surgeon von Ezdorf reported, December 22, recommending, on account of favorable conditions, the discontinuance at Habana of certain special measures applied to passenger travel to southern ports. These special measures were published in the Public Health Reports, November 2, 1906, page 1292, in the form of instructions sent October 30 by the Bureau to Passed Assistant Surgeon von Ezdorf, as follows:

¶ After October 31, and until further notice, enforce provisions paragraph 13 quarantine regulations, inspect all passengers, and permit embarkation nonimmunes southern ports if well. List nonimmunes for Florida points and send list by same steamer to one of below-designated agents Florida State board, according to destination: J. M. Jackson, Miami; J. N. Fogarty, Key West; C. W. Bartlett, Tampa; W. E. Anderson, Pensacola. Notify service officers, Matanzas, Santiago, and Cienfuegos.

In accordance with his recommendation and in view of the satisfactory conditions in Habana as previously reported, Passed Assistant Surgeon von Ezdorf was directed by the Bureau, December 27, to discontinue the fumigation of steamships which lie in the open bay and to discontinue also the inspection of baggage for southern ports, the order to become effective December 31. He was directed to continue



the inspection of passengers prior to embarkation, but to discontinue the listing of passengers for localities in Florida. The State health officer of Florida has been informed to the above effect.

*Report from Matanzas—Inspection of vessels.*

Acting Assistant Surgeon Nuñez reports, December 17, as follows: Week ended December 15, 1906. Bills of health issued to 2 vessels bound for the United States.

No new cases of yellow fever have been reported in this province since November 30.

No communicable diseases were reported in the city during the past week.

*Report from Santiago—Inspection of vessels.*

Acting Assistant Surgeon Wilson reports, December 12, as follows: Week ended December 8, 1906. Bills of health issued to 5 vessels bound for the United States; no vessel fumigated. No quarantinable disease has been reported.

INDIA.

*Report from Calcutta—Transactions of Service—Cholera, plague, and smallpox.*

Acting Assistant Surgeon Eakins reports, November 22, as follows: Week ended November 17, 1906. Bill of health issued to the steamship *Axenfels*, bound for Boston and New York, with a total crew of 58. The usual precautions were taken—holds fumigated, rat guards on wharf lines, and lascars' effects disinfected.

Week ended November 10, 1906. Sixty-six deaths from cholera, 7 from plague, and 2 from smallpox in Calcutta.

In Bengal, week ended November 10, 1906, 73 cases and 66 deaths from plague.

JAPAN.

*Report from Yokohama—Inspection and fumigation of vessels—Sanitary conditions good—Plague at Osaka and Matsuyama.*

Passed Assistant Surgeon Cumming reports, November 24, as follows:

Week ended November 17, 1906. Bills of health granted after inspection to 5 steamships, having an aggregate personnel of 473 crew and 648 passengers. The holds, etc., of one steamship were fumigated to kill vermin.

Three hundred and eighty-two would-be steerage passengers to the United States or their possessions were examined with reference to their freedom from diseases contemplated in the immigration laws, and of these 222 were passed.

The sanitary condition of this vicinity continues good, and necessary restrictions are being enforced upon steerage passengers from infected districts.

On November 6 a boy at Osaka was found dead of plague, and later a cat with which he played died of the same disease. On the 19th instant 1 case was reported at Osaka, and on November 20 1 case at Osaka and 1 at Matsuyama.

## PORTO RICO.

*Report from Ponce—Summary of transactions.*

Acting Assistant Surgeon Ferrer-Torres reports, December 3, as follows:

*Summary of transaction of Service, month of November, 1906.*

Vessels inspected .....	15
Vessels in quarantine.....	6
Bills of health issued .....	25
Passengers inspected:	
Incoming .....	18
In transit.....	441
Crews inspected.....	2,217
Immigrants inspected .....	15

## RUSSIA.

*Report from St. Petersburg—Plague in the Transbaikal territory.*

The following is received from Ambassador Meyer, under date of November 24:

In a Cossack village named Abagaitoui, district of Akchin, in the Transbaikal territory, a family of 6 persons died between September 27 and October 19 last, with symptoms of plague, and in the village of Mandjourie, not far from the railway station bearing the same name, between October 22 and 26, 2 persons, a military nurse who had arrived from Abagaitoui, already in bad health, and a boy who accompanied him, died. It has been proved that the first fatal case at Abagaitoui was taken ill after eating the flesh of a marmot of the steppes (*Arctomys bobac*). Several doctors, one of whom was a specialist in bacteriology, were sent to the villages of Abagaitoui and Mandjourie. In conformity with the regulations in force relative to measures to be taken against plague, they decided to isolate Abagaitoui by a military cordon and to take measures to isolate the village of Mandjourie.

A bacteriological examination determined the disease in Mandjourie to be pneumonic plague. The examination of suspicious cases at Abagaitoui has not yet been completed. The military governor of the Transbaikal territory reports that no further plague cases or deaths have occurred since October 27 last.

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

AFRICA—*Lourenço Marquez*.—Month of October, 1906. Estimated population, 10,000. Total number of deaths, 44, including 6 from tuberculosis.

CANADA—*British Columbia—Vancouver.*—Month of November, 1906. Estimated population, 50,000. Total number of deaths not reported. One death from diphtheria and 2 deaths from enteric fever reported.

FRANCE—*Marseille.*—Month of November, 1906. Estimated population, 517,498. Total number of deaths, 920, including diphtheria 12, enteric fever 11, measles 3, smallpox 50, and 131 from tuberculosis.

GERMANY—*Strasburg.*—Month of October, 1906. Estimated population, 185,000. Total number of deaths, 243, including diphtheria 5, enteric fever 4, measles 1, scarlet fever 2, whooping cough 1, and 30 from tuberculosis.

GIBRALTAR.—Two weeks ended December 2, 1906. Estimated population, 27,383. Total number of deaths, 15, including enteric fever 1, and 1 from tuberculosis.

GREAT BRITAIN—*England and Wales.*—The deaths registered in 76 great towns in England and Wales during the week ended December 1, 1906, correspond to an annual rate of 15.8 per 1,000 of population, which is estimated at 15,818,360.

*London.*—One thousand four hundred and six deaths were registered during the week, including measles 21, scarlet fever 12, diphtheria 20, whooping cough 13, enteric fever 7, and 20 from diarrhea. The deaths from all causes correspond to an annual rate of 15.5 per 1,000. In Greater London 1,973 deaths were registered. In the "outer ring" the deaths included 12 from diphtheria, 1 from measles, 2 from scarlet fever, 1 from whooping cough, and 3 from diarrhea.

*Ireland.*<sup>a</sup>—The average annual death rate represented by the deaths registered during the week ended December 1, 1906, in the 21 principal town districts of Ireland was 20 per 1,000 of the population, which is estimated at 1,101,499. The lowest rate was recorded in Clonmel, viz, 5.1, and the highest in Wexford, viz, 56 per 1,000. In Dublin and suburbs 179 deaths were registered, including diphtheria 3, enteric fever 3, measles 9, scarlet fever 1, whooping cough 3, and 25 from tuberculosis.

*Scotland.*—The deaths registered in 8 principal towns during the week ended December 1, 1906, correspond to an annual rate of 17.6 per 1,000 of the population, which is estimated at 1,787,788. The lowest rate of mortality was recorded in Perth, viz, 9.1, and the highest in Aberdeen, viz, 27.8 per 1,000. The aggregate number of deaths registered from all causes was 604, including diphtheria 3, enteric fever 2, measles 11, scarlet fever 2, and 16 from whooping cough.

JAPAN—*Nagasaki.*—Ten days ended November 20, 1906. Estimated population, 163,324. Total number of deaths not reported. Three deaths from enteric fever reported.

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<sup>a</sup> Report in Public Health Reports for December 21, 1906, page 1524, is corrected to read November 24.

SPAIN—*Barcelona*.—Ten days ended November 30, 1906. Estimated population, 600,000. Total number of deaths, 380, including diphtheria 8, enteric fever 15, scarlet fever 1, whooping cough 2, smallpox 8, and 37 from tuberculosis.

*Cholera, yellow fever, plague, and smallpox, from June 29 to December 28, 1906.*

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

[For reports received from December 29, 1905, to June 29, 1906, see PUBLIC HEALTH REPORTS for June 29, 1906.]

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

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>China:</b>				
Fuchau.....	Aug. 11-Sept. 10.....			Present.
Hankau.....	Oct. 8-14.....		24	
Hongkong.....	July 7.....	1	1	
Shanghai.....	Sept. 24-Oct. 14.....		112	
<b>India:</b>				
Bombay.....	May 30-Nov. 27.....		737	
Calcutta.....	May 20-Nov. 10.....		572	
Karachi.....	July 2-Oct. 26.....	7	6	
Madras.....	June 2-Nov. 9.....		505	
Negapatam.....	Sept. 22-Oct. 19.....		19	
Rangoon.....	May 27-Nov. 17.....		51	
<b>Japan:</b>				
Moji.....	Nov. 3.....			Vessels from Shanghai.
<b>Philippine Islands:</b>				
Manila.....	May 13-Nov. 17..	825	717	1 on schr. Florence S., 1 on ss. Ban Yek, 1 on ss. Vasco Navarro, at Mariveles, and 1 on ss. Dos Hermanos.
Bataan Province.....	Aug. 12-18.....	1		
Batangas Province.....	Aug. 5-18.....	2	1	
Benguet Province.....	Aug. 12-18.....	1	1	
Bulacan Province.....	June 14-Oct. 27..	1,155	844	In provinces general: Apr. 28-June 30, 262 cases, 159 deaths.
Cavite Province.....	May 13-Oct. 20..	267	185	
Iloilo Province.....	May 26-Nov. 17..	1,440	1,037	Oct. 1-31: 1 case on U. S. C. T. Bolinao.
Laguna Province.....	June 17-Nov. 3.....	386	316	
Nueva Ecija Province.....	July 8-Nov. 17.....	715	542	
Pampanga Province.....	May 13-Nov. 17.....	976	698	
Pangasinan Province.....	July 22-Oct. 20.....	110	75	
Rizal Province.....	May 20-Nov. 10.....	876	639	
Tarlac Province.....	July 22-Nov. 17.....	84	72	
Tayabas Province.....	July 22-Oct. 20.....	122	89	
<b>Siam:</b>				
Bangkok.....	Feb. 3-Apr. 14.....	224	198	
<b>Straits Settlements:</b>				
Parak.....	May 9-12.....	64	34	
Singapore.....	May 9-June 29.....	50	45	
Wellesley Province.....	Apr. 10-May 12.....	107	81	

YELLOW FEVER.

<b>Brazil:</b>				
Para.....	Apr. 1-June 30.....	29	65	
Rio de Janeiro.....	June 25-Nov. 4.....	8	7	
<b>Costa Rica:</b>				
Limon.....	June 25-Oct. 12..	5	2	1 case from Cartagena, Colombia, on ss. Prince Waldemar.
<b>Cuba:</b>				
<b>Habana Province—</b>				
Guines.....	Oct. 13.....	1	1	From Habana.
Habana.....	Aug. 25-Dec. 25..	63	7	1 case imported.
Marianao.....	Dec. 15.....	1		
Nueva Paz.....	Nov. 6.....	1		
<b>Matanzas Province—</b>				
Alcranes.....	Aug. 13-Oct. 2.....	3	1	
Cardenas.....	Dec. 22.....	1		
Colon.....	Aug. 1-2.....	1	1	
Cuevitas.....	Nov. 7.....	1		
Matanzas.....	Aug. 14.....	1		1 on ss. Miguel de Penillos, from Habana.
Union de Reyes.....	Nov. 29-30.....	3	2	

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

## YELLOW FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Cuba—Continued.				
Santa Clara Province—				
Central Parque Alto...	Nov. 25 .....	1	.....	
Cienfuegos.....	Oct. 5-10.....	1	1	
Cruces.....	Sept. 18-Dec. 5...	8	2	
Isabela de Sagua .....	Nov. 29.....	1	.....	
Rodas.....	Nov. 6-25.....	2	2	
Santa Clara city .....	Oct. 31-Nov. 17...	4	2	
Ecuador:				
Guayaquil.....	June 1-Nov. 15...	45	42	
Guatemala:				
Gualan.....	Aug. 24-Oct. 2...	6	1	4 imported.
Honduras:				
Ceiba.....	July 21-23 .....	.....	.....	Present.
Pimienta.....	June 12-July 5...	14	.....	
Mexico:				
Oaxaca—				
Tuxtepec.....	Aug. 26-Oct. 6...	17	13	
Veracruz—				
Tierra Blanca .....	Aug. 11-Sept. 22 ..	2	1	Imported from Santa Lucrecia.
Veracruz.....	July 23-Dec. 8...	14	8	3 cases imported from Yucatan.
Yucatan—				
Merida.....	June 10-Oct. 20...	107	63	
Progreso.....	Aug. 4-Oct. 6.....	1	1	Imported; still present.
Valladolid.....	Aug. 26-Sept. 1...	3	1	
Nicaragua:				
Managua.....	Sept. 2-Oct. 13...	1	1	
Peru:				
Callao.....	May 27-June 2.....	.....	1	On Br. ss. Chile, from Ancon.
West Indies:				
Barbados.....	Dec. 7 .....	1	.....	On ss. Maranhense, from Para.

## PLAGUE.

Arabia:				
Djeddah.....	June 25-July 27...	82	27	From May 28 to July 27, 75 cases, 75 deaths.
Mekka.....	June 7-8.....	1	1	
Australia:				
Adelaide.....	July 12.....	1	.....	On ss. Britannia from Melbourne.
Brisbane.....	May 3-June 21.....	3	1	
Cairns.....	July 15-Oct. 27...	10	.....	
Fremantle.....	May 31-June 9.....	2	1	
Perth.....	May 14-15.....	1	1	
Rockhampton.....	May 13.....	1	.....	
Sydney.....	May 10-Oct. 1.....	12	4	Total of 19 cases since Mar. 12, 1906.
Austria:				
Trieste.....	Nov. 8.....	.....	1	
Brazil:				
Bahia.....	July 1-Nov. 24...	29	12	From Jan. 1 to June 30, 83 cases, 64 deaths.
Campos.....	Aug. 14-Sept. 12...	16	7	
Island of Itaparica.....	Sept. 29.....	1	.....	
Pernambuco.....	June 1-Oct. 31.....	.....	22	
Rio de Janeiro.....	May 28-Nov. 10...	159	50	
Sao Paulo.....	Sept. 17-23.....	1	1	
Chile:				
Antofagasta.....	May 16-July 13...	37	5	
China:				
Amoy.....	July 1-7.....	.....	.....	Epidemic.
Fuchau.....	Aug. 11-Sept. 10...	.....	.....	Present.
Hangchow.....	Aug. 25.....	.....	.....	Do.
Hongkong.....	May 6-Oct. 25.....	481	440	At Woosung Quarantine Station, Shanghai, during year 1906, 8 cases.
Egypt:				
Alexandria.....	June 4-Nov. 12...	82	51	
Assiout Province.....	July 26.....	2	2	
Beni-Souef Province.....	June 18-Sept. 11...	2	1	
Garbieh Province.....	May 21-Oct. 24...	3	2	
Guerga Province.....	May 27-July 1...	9	8	
Keneh Province.....	June 4-9.....	1	3	
Minieh Province.....	June 4-Nov. 11...	9	1	
Port Said.....	May 4-Nov. 11...	10	8	
Suez.....	July 25-Nov. 5...	62	45	
Hawaii:				
Honolulu.....	Aug. 6-30.....	.....	3	

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

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>India:</b>				
Bombay Presidency and Sind.	May 20-Oct. 20...	36,220	27,196	
Madras Presidency.....	May 20-Oct. 20...	284	182	
Bengal.....	May 20-Oct. 20...	1,593	1,467	
Eastern Bengal and Assam.	May 20-Oct. 13...	30	25	
United provinces.....	May 20-Oct. 20...	4,290	3,701	
Punjab.....	May 20-Oct. 20...	31,874	28,556	
Burma.....	May 20-Oct. 20...	3,518	3,184	
Central provinces, including Berar.	May 20-Oct. 20...	4,978	4,060	
Mysore State.....	May 20-Oct. 20...	2,119	1,626	
Hyderabad State.....	May 20-Oct. 20...	94	60	
Central India.....	May 20-Oct. 20...	9,445	7,156	
Rajputana.....	May 20-Oct. 20...	80	56	
Kashmir.....	May 20-Oct. 20...	944	594	
Northwest frontier province.	May 20-Oct. 13...	.....	.....	
Baluchistan.....	May 20-Aug. 11...	10	6	
		95,479	77,869	
<b>Japan:</b>				
Formosa—General.....	May 1-Oct. 31...	1,596	1,309	
Fukuoka.....	Nov. 3.....	2	.....	
Iida.....	Nov. 3.....	.....	.....	Present.
Kobe.....	May 12-July 12	30	22	
Matsuyama.....	Nov. 14-20.....	1	.....	
Osaka.....	Oct. 27-Nov. 20...	25	17	
Wakayama Ken.....	Oct. 2-Nov. 6.....	4	3	
Yamaguchi Ken, Shimonoseki.	July 3-10.....	3	2	
Mauritius.....	July 7-Nov. 3...	175	127	
<b>Persia:</b>				
Seistan.....	June 23-Aug. 21...	115	125	
<b>Peru:</b>				
Catacaos.....	Nov. 3.....	1	.....	
Lambayeque.....	Sept. 10-Oct. 18	4	2	
Lima.....	May 25-Oct. 18...	23	8	1 case on ss. Limari.
Mollendo.....	July 14-Nov. 3...	8	7	
Paíta.....	May 25-Oct. 18...	25	13	
Salaverry.....	Sept. 19-Oct. 18	1	1	
Trujillo.....	May 25-Nov. 6...	16	12	
<b>Philippine Islands:</b>				
Manila.....	Apr. 22-28.....	1	1	
<b>Russia:</b>				
Transbaikal Territory.....	Oct. 22-27.....	.....	.....	Present.
<b>Siam:</b>				
Bangkok.....	Mar. 29-31.....	5	4	June 20 still present.
Tongkah.....	Aug. 7.....	.....	.....	Present.
Straits Settlements.....	Sept. 10.....	1	.....	
<b>Turkey:</b>				
Adalia.....	Aug. 24-Sept. 29	12	4	
Beirut.....	Nov. 6-10.....	1	.....	
Trebizond.....	Aug. 8-29.....	10	3	In prison.

## SMALLPOX.

<b>Africa:</b>				
Cape Colony— Cape Town.....	May 20-Nov. 10...	138	.....	
Liberia— Monrovia.....	Jan. 1-Sept. 30...	20	.....	
<b>Argentina:</b>				
Buenos Ayres.....	Apr. 1-July 31...	.....	632	From Jan. 1 to May 31, 1,697 cases, 554 deaths.
Corrientes Province.....	June 14.....	.....	.....	Present.
<b>Australia:</b>				
Newcastle.....	Sept. 24-30.....	1	.....	Imported on ss.
<b>Austria:</b>				
Bohemia.....	Oct. 12-18.....	8	.....	
Bukowina.....	May 13-Oct. 6.....	28	.....	
Galicja.....	May 13-Oct. 20...	99	.....	
Silesia.....	May 13-June 2...	2	.....	
Vienna.....	Oct. 27.....	1	.....	Imported.
<b>Belgium:</b>				
Province of Luxemburg...	May 20-Aug. 29...	81	.....	

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

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Brazil:</b>				
Bahia.....	June 28–Nov. 24..	90	5	From Jan. 1 to June 30, 10 deaths.
Para.....	Apr. 1–30.....		1	
Pernambuco.....	May 1–Oct. 30.....		67	
Rio de Janeiro.....	June 4–Nov. 10..	43		
<b>Canada:</b>				
New Brunswick—				
Kent County.....	Oct. 25–31.....	100		Nov. 15 epidemic.
St. John County, St. John included.	Oct. 25–31.....	1		
Westmoreland County.	Oct. 25–31.....			Present.
Nova Scotia—				
Cumberland County, Springfield included.	Nov. 5–Dec. 15..			Epidemic.
Toronto.....	June 17–Sept. 15..	6		
Winnipeg.....	July 8–Nov. 5....	6		
<b>Chile:</b>				
Antofagasta.....	May 16–Oct. 24..	295	63	Still present. Reported epidemic June 6.
Coquimbo.....	July 14–Oct. 31..	267	15	
Iquique.....	June 4–Nov. 10..			
Talcahuana.....	Aug. 11–Sept. 14			Present in vicinity of.
<b>China:</b>				
Chefoo.....	Nov. 4–10.....	1		On ss. Raleigh.
Hongkong.....	May 6–Aug. 11..	28	17	
Newchwang.....	July 1–7.....	1		Woosung Quarantine Station. 1906, 3 cases.
Shanghai.....	June 16–30.....	1	1	
<b>Colombia:</b>				
Cartagena.....	Sept. 9–29.....	5		Still present, October 20.
<b>Cuba:</b>				
Habana.....	Nov. 22–27.....	1		On German ss. Kronprinzessin Cecilia, from Veracruz.
<b>Ecuador:</b>				
Guayaquil.....	June 25–Nov. 15..		146	
<b>Egypt:</b>				
General.....	June 4–July 1....	282	58	
<b>France:</b>				
Marseille.....	May 1–Nov. 30.....		96	
Paris.....	June 3–Dec. 1....	107	1	
Rheims.....	July 9–15.....	12		
<b>Germany:</b>				
Bremen.....	May 27–Oct. 6....	2	1	
Gibraltar.....	June 11–Dec. 9....	19	2	
<b>Great Britain and Ireland:</b>				
Bradford.....	Aug. 25–Sept. 22..	2		1 case imported.
Bristol.....	July 1–7.....	1		
Hull.....	June 10–Dec. 1....	16	3	
Liverpool.....	July 22–Sept. 15..	7	1	
London.....	June 10–Aug. 4....	9		
Manchester.....	Oct. 27–Nov. 24..	4		
Newcastle on Tyne.	Sept. 1–30.....	1		Imported.
<b>Greece:</b>				
Athens.....	June 5–Nov. 24..		12	
<b>India:</b>				
Bombay.....	May 30–Oct. 16..		40	
Karachi.....	May 23–Aug. 26..	56	15	
Calcutta.....	May 20–Dec. 10..		216	
Madras.....	May 26–Nov. 2....		34	
Rangoon.....	May 20–Aug. 25..		51	
<b>Italy—General</b>				
Messina.....	Oct. 6.....	143		Present.
Milan.....	Nov. 9–15.....	1		
<b>Japan:</b>				
Kobe.....	June 16–July 21..	2		
Yokohama.....	May 7–June 3....	1	2	
Malta.....	Nov. 24.....	1		
<b>Mexico:</b>				
City of Mexico.....	Dec. 17–Apr. 1....	142	78	Imported from City of Mexico.
Veracruz.....	Oct. 7–Nov. 24....	2	1	
Yucatan—				
Progreso.....	July 14.....	1		On Mexican ss. Sonora.
<b>Nicaragua:</b>				
Bluefields.....	Aug. 10–Oct. 4....	5		
Rama.....	Aug. 24–30.....	1		
<b>Panama:</b>				
Colon.....	July 9–Aug. 19....	88	2	
<b>Persia:</b>				
Chiraz.....	Sept. 1–30.....			Present.
Guairrouz.....	Sept. 1–30.....			Do.
Ispahan.....	Aug. 1–31.....			Do.
Kurdistan.....	June 1–30.....			Do.
Seistan.....	June 1–30.....			Do.
<b>Peru:</b>				
Lima.....	Oct. 20–Nov. 10..			Still present.





Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—												
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.		
Honolulu	Nov. 24	39,306	17	4						1						
Do	Dec. 1	39,306	14	4						1						
Hull	Nov. 24	262,426	90							2	1	6		2		2
Do	Dec. 1	262,426	79							2	1	3		1		2
Jalapa	Dec. 7	22,000	26	3												
Kingston	Dec. 1	52,065														
La Rochelle	Dec. 3	31,553	8													
Las Palmas	Nov. 24	49,500	21													
Lausanne	do	53,500	13													
Leeds	Dec. 8	463,495	195	7						1		3	1		1	
Leipzig	Dec. 1	509,180	127	21						1		4				2
Leith	do	82,660	22	4												
Liverpool	do	739,180	259							3	3	8	6		2	
Do	Dec. 8	739,180	236									2	11		3	
Livingston, Guat	Dec. 11	3,000	2													
London	Dec. 1	7,113,561	1,973							12	20	42	26		20	
Lyon	Nov. 24	468,718	166	28						3		3			1	
Mainz	Dec. 1	90,210	21	4												
Managua	Nov. 17	21,015	12	1												
Do	Nov. 24	21,015	24	3											1	
Manchester	Dec. 1	631,553	255	26						5	2	3	3		2	
Mannheim	Nov. 24	168,784	27									1				
Mazatlan	Dec. 1	20,777	23													
Messina	do	107,000	29	3												
Monte Cristi	Dec. 8	1,500	0													
Newcastle-on-Tyne	Nov. 24	264,511	85									2	1		1	
Do	Dec. 1	264,511	95									1	1		1	
Nottingham	Nov. 24	250,000	60									2	2			
Odessa	do	461,000	160									4	4		1	
Plymouth	Dec. 1	116,000	50												2	
Rangoon	Nov. 10	252,155	178	12	25											
Rheims	Nov. 18	109,859	37	3											2	
Do	Nov. 25	109,859	33	6											1	
Do	Dec. 1	109,859	35	6												
Rio de Janeiro	Nov. 10	912,900	277	63	12									1		
Rotterdam	Dec. 1	388,073	105							1						
Rouen	Dec. 2	116,316	56	13						1						
St. Georges, Bermuda	Nov. 24	2,189	0													
Do	Dec. 1	2,189	4	1												
St. John, N. B.	Dec. 15	40,789	11	3												
St. Petersburg	Nov. 24	1,500,000	694	121												
St. Stephen, N. B.	Dec. 15	2,840	0							2	22	34	31	14	4	
Salford	Dec. 1	234,077	100	8												
San Feliu de Guixols	Dec. 8	11,094	5	1												
Santa Cruz de Teneriffe	Nov. 24	46,000	20	2												
Santander	Dec. 2	53,574	37													
Smyrna	Nov. 25	320,000	69	8												
Southampton	Dec. 1	117,312	31	2											1	
Do	Dec. 8	117,312	21													
South Shields	Nov. 24	111,402	57								3		3	14	1	
Venice	Oct. 27	171,909	38	4												
Do	Nov. 3	171,709	42	8										1		
Do	Nov. 10	171,709	48	1										1		
Do	Nov. 17	171,709	61	10												
Vladivostok	Oct. 23	64,500														
Do	Nov. 4	64,500								1						
West Hartlepool	Nov. 24	66,750														
Do	Dec. 1	66,750														
Windsor	do	3,000	1											1		
Winnipeg	do	100,000	32	1								9		1		
Do	Dec. 8	100,000	9										2			
Do	Dec. 15	100,000	30									1	1	3		
Yokohama	Nov. 4	313,695												1		
Do	Nov. 11	313,695								2						
Do	Nov. 18	313,695												3		

By authority of the Secretary of the Treasury:

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