

PUBLIC HEALTH REPORTS.

UNITED STATES.

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

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

Passed Assistant Surgeon Blue reports:

SAN FRANCISCO, CAL.

Week ended January 9.

Date of last case of human plague: Sickened, January 30, 1908.

Date of last case of rodent plague: October 23, 1908.

Sick inspected.....	6
Plague.....	0
Dead inspected.....	107
Plague.....	0
Necropsy held.....	1
Premises inspected.....	11,191
Houses disinfected.....	14
Houses destroyed.....	2
Buildings condemned.....	14
Nuisances abated.....	858
Rats found dead.....	66
Rats trapped.....	2,214
Total rats taken.....	2,280
Rats identified:	
Mus norvegicus.....	1,561
Mus rattus.....	50
Mus musculus.....	622
Total.....	2,233
Rats identified as to sex.....	1,515
Male.....	643
Female.....	872
Rats examined bacteriologically.....	1,396
Plague rats.....	0
Poisons placed.....	91,038

OAKLAND, CAL.

Week ended January 2.

Date of last case of human plague: Sickened, July 17, 1908.

Date of last case of rodent plague: Trapped, December 1, 1908.

Dead inspected.....	41
Plague.....	0
Necropsies held.....	4
Premises inspected.....	935
Nuisances abated.....	306
Premises cleaned.....	230
Garbage cans installed.....	222
Places made rat-proof.....	16
Rats trapped.....	587
Rats examined bacteriologically.....	564
Plague rats.....	0
Mice trapped.....	68
Mice examined bacteriologically.....	68
Plague mice.....	0

POINT RICHMOND, CAL.

Week ended January 2.

Dead inspected.....	1
Plague.....	0
Nuisances abated.....	27
Premises inspected.....	490
Rats found dead.....	22
Rats trapped.....	35
Rats examined bacteriologically.....	35
Plague rats.....	0
Poisons placed.....	14,000

ALAMEDA COUNTY, CAL.

Week ended January 2.

Sick inspected.....	15
Plague.....	0
Dead inspected.....	68
Plague.....	0
Necropsies held.....	5

CONTRA COSTA COUNTY, CAL.

Week ended January 2.

Dead inspected.....	2
Plague.....	0
Necropsy held.....	1

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

Passed Assistant Surgeon Stimson reports, January 8: .

Animals examined in laboratory at Los Angeles, Cal., from December 28, 1908, to January 3, 1909:

Ground squirrels.....	182
Gray rats.....	220
Black rats.....	22
Gambel pocket mouse.....	5
White rats.....	5

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

Reports from Seattle, Wash.—Plague-prevention work—Inspection of vessels in connection with plague-prevention work, December, 1908.

Passed Assistant Surgeon Glover reports, January 7 and 11:

SEATTLE, WASH.

Week ended January 9.

Date of finding of last plague rat	September 26, 1908
Rats received	439
Rats necropsied	383
Plague rats	0
Plague infected rats to date	21
Vessels inspected	10
Vessels fumigated	5

During the month of December, 1908, there were 12 vessels fumigated and 71 inspected in connection with plague-prevention work in Seattle.

Summary of plague laboratory work, month of December, 1908.

Assistant Surgeon Chapin reports, January 4, through Passed Assistant Surgeon Glover:

Work done in the plague laboratory for the month of December, 1908.

During the month 4,901 rats were delivered at the laboratory, of which 4,843 were necropsied. No plague-infected rats were found. The last plague infected rat was found September 26, 1908. The flea count averaged about one flea per rat. Of 998 female rats, 318 were pregnant.

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

CALIFORNIA—*San Francisco and county.*—Month of November, 1908. Estimated population, 425,000. Total number of deaths 519, including enteric fever 14, measles 1, scarlet fever 4, whooping cough 1, diphtheria 4, and 59 from tuberculosis.

INDIANA—Month of November, 1908. Estimated population, 2,648,594. Total number of deaths, 2,668, including tuberculosis 318, enteric fever 113, diphtheria 88, scarlet fever 5, and 20 from whooping cough.

Morbidity: Diphtheria, 361 cases in 55 counties; enteric fever, 441 cases in 70 counties; smallpox, 52 cases in 10 counties.

IOWA—*Cedar Rapids.*—Month of December, 1908. Estimated population 33,000. Total number of deaths, 22, including enteric fever 1, and 1 from tuberculosis. Cases: Enteric fever 3, scarlet fever 7, and diphtheria 3.

KENTUCKY—*Newport*.—Annual report for the year 1908. Estimated population 35,000. Total deaths, 487, including smallpox 1, enteric fever 15, diphtheria 8, measles 2, whooping cough, 2, and 69 from tuberculosis. Cases: Smallpox 23, scarlet fever 12, diphtheria 18.

LOUISIANA—*New Orleans*.—Month of December, 1908. Estimated population, 351,000 (258,000 white, 93,000 colored). Total number of deaths, 597 (380 white, 217 colored), including diphtheria 3 (1 white, 2 colored), enteric fever 9 (7 white, 2 colored), scarlet fever 1 (white), and 77 from tuberculosis, of which 34 were white and 43 colored. The death rate per 1,000 population per annum for the month was: White, 17.67; colored, 20.41. Total white and colored, 20.41.

MARYLAND—*Hagerstown*.—Month of December, 1908. Estimated population 50,000. Total number of deaths 58, including enteric fever 1, diphtheria 2, and 3 from tuberculosis. Cases: Enteric fever 1, diphtheria 7, measles 4.

MASSACHUSETTS—*Newton*.—Month of December, 1908. Estimated population, 38,203. Total number of deaths, 42, including diphtheria 1, enteric fever 1, and 4 from tuberculosis. Cases of contagious diseases reported: Diphtheria 31, enteric fever 1, scarlet fever 18, and tuberculosis 12.

MINNESOTA—*St. Paul*.—Month of November, 1908. Estimated population, 220,000. Total number of deaths reported to the department of health, 158, including diphtheria 10, enteric fever 4, whooping cough 1, and 16 from tuberculosis. Cases: Diphtheria 133, scarlet fever 50, measles 4, and smallpox 38.

MISSOURI—*Springfield*.—Month of December, 1908. Estimated population, 35,000. Total number of deaths, 31, including 4 from tuberculosis. Cases: Smallpox 1, scarlet fever 12, diphtheria 10.

NEW HAMPSHIRE—*Franklin*.—Month of December, 1908. Estimated population, 7,200. Total number of deaths, 4, including 1 from diphtheria. Cases: Diphtheria 2.

NORTH CAROLINA—Month of November, 1908. Estimated population, 1,893,810. Reports of state board of health from 92 counties show as follows: Measles in 8 counties, whooping cough in 21 counties, scarlet fever in 35 counties, diphtheria in 39 counties, enteric fever in 47 counties, malarial fever in 10 counties, pernicious malarial fever in 3 counties, hemorrhagic malarial fever in 6 counties, and smallpox in 5 counties, viz: Bertie, 1; Catawba, 1; Currituck, 3; Johnston 1, and Pasquotank 17.

OHIO—*Toledo*.—Month of November, 1908. Estimated population, 187,453. Total number of deaths, 173, including diphtheria 5, enteric fever 9, scarlet fever 5, and 22 from tuberculosis. Cases of contagious diseases reported: Diphtheria 37, measles 4, scarlet fever 23.

Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, December 26, 1908, to January 22, 1909.

For reports received from June 26, 1908, to December 25, 1908, see PUBLIC HEALTH REPORTS for December 25, 1908.

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

Place.	Date.	Cases.	Deaths.	Remarks.
Arkansas:				
Little Rock.....	Dec. 15-Jan. 2.....	23		
Texarkana.....	Nov. 26-Dec. 18.....	3		
Total for State.....		26		
California, general				
Los Angeles.....	Nov. 1-30.....		2	
Los Angeles.....	Dec. 6-Jan. 9.....	6		
Oakland.....	Nov. 1-Dec. 31.....	6		
Sacramento.....	Nov. 1-30.....	15		
San Francisco.....	Dec. 13-Jan. 9.....	14		
Stockton.....	Nov. 1-30.....	12		
Total for State.....		53	2	
District of Columbia:				
Washington.....	Dec. 28-Jan. 2.....	1		
Total for District.....		1		
Illinois:				
Belleville.....	Dec. 4-20.....	3		
Cairo.....	Jan. 7.....	12		
Chicago.....	Jan. 3-9.....	1		
Peoria.....	Dec. 20-26.....	4		
Total for State.....		20		
Indiana:				
Carroll County.....	Oct. 1-31.....	26		
Clay County.....	Oct. 1-31.....	8		
Dearborn County.....	Oct. 1-31.....	1		
Elkhart County.....	Oct. 1-31.....	1		
Madison County.....	Oct. 1-31.....	1		
Anderson.....	Dec. 1-31.....	1		
Sullivan County.....	Oct. 1-31.....	2		
Tippecanoe County.....	Oct. 1-31.....	4		
Lafayette.....	Dec. 15-Jan. 11.....	18	1	
Vanderburg County.....	Jan. 15.....	2		
Evansville.....	Jan. 10-16.....	2		
Vigo County.....	Oct. 1-31.....	1		
Total for State.....		65	1	
Kansas:				
Atchison County—				
Atchison.....	Dec. 20-26.....	1		
Barton County.....	Nov. 1-30.....	7		
Bourbon County.....	Nov. 1-30.....	1		
Brown County.....	Nov. 1-30.....	15		
Crawford County—				
Pittsburg.....	Nov. 1-Dec. 31.....	107		
Harvey County.....	Nov. 1-30.....	3		
Jackson County.....	Nov. 1-30.....	85		
Montgomery County.....	Nov. 1-30.....	11		
Pottawatomie County.....	Nov. 1-30.....	22		
Reno County.....	Nov. 1-30.....	2		
Riley County.....	Nov. 1-30.....	2		
Saline County.....	Nov. 1-30.....	16		
Shawnee County.....	Nov. 1-30.....	2		
Topeka.....	June 7-Jan. 2.....	22		
Sumner County.....	Nov. 1-30.....	5		
Wilson County.....	Nov. 1-30.....	5		
Total for State.....		306		
Kentucky:				
Covington.....	Dec. 29-Jan. 9.....	3		
Henderson.....		7		Year 1908.
Lexington.....	Dec. 23-Jan. 2.....	2		
Newport.....		23	1	Do.
Total for State.....		35	1	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Louisiana:				
New Orleans.....	Dec. 20-Jan. 9	5		
Total for State.....		5		
Maine:				
Cyr plantation	Oct. 16-24	11		
Frenchville	Nov. 11-Dec. 5	2		
Grand Isle (Grant Isle).....	Oct. 16-Dec. 12	26		
St. Agatha.....	Oct. 21-Dec. 26	9		
St. David.....	Dec. 13-19	1		
Upper Frenchville	Oct. 25-Nov. 11	2		
Van Buren	Oct. 18-Jan. 9	66		
Total for State.....		117		
Massachusetts:				
Taunton.....	Jan. 3-9	1		
Total for State.....		1		
Michigan:				
Barry County.....	Nov. 1-30	2		
Delta County.....	Nov. 1-30	1		
Ingham County—				
Lansing	Nov. 1-30	6		
Macomb County.....	Nov. 1-30	1		
Manistee County	Nov. 1-30	2		
Muskegon County.....	Nov. 1-30	13		
St. Clair County.....	Nov. 1-30	1		
Port Huron.....	Nov. 1-30	2		
		28		
Minnesota:				
Becker County	Dec. 7-13	1		
Benton County.....	Oct. 26-Nov. 2	1		
Brown County.....	Oct. 20-Nov. 23	11		
Carver County.....	Dec. 7-13	6		
Cass County.....	Oct. 12-Dec. 7	1		
Chippewa County.....	Nov. 3-9	1		
Cottonwood County.....	Oct. 20-26	1		
Dodge County.....	Nov. 24-Dec. 7	2		
Faribault County.....	Dec. 7-13	1		
Hennepin County.....	Oct. 6-12	1		
Minneapolis.....	Nov. 1-30	8		
Hubbard County.....	Oct. 19-Dec. 7	11		
Jackson County.....	Dec. 7-13	1		
Lac qui Parle County.....	Nov. 2-Dec. 13	3		
Lyon County.....	Nov. 16-Dec. 13	2		
Morrison County.....	Nov. 20-Dec. 13	20		
Nicolett County.....	Nov. 16-Dec. 13	3		
Norman County.....	Dec. 7-13	5		
Pipestone County.....	Dec. 7-13	6		
Ramsey County.....	Nov. 16-Dec. 7	2		
St. Paul.....	Oct. 6-Dec. 13	57		
Renville County.....	Dec. 1-7	1		
St. Louis County.....				
Duluth.....	Nov. 9-16	2		
Sibley County.....	Dec. 7-13	9		
Stearns County.....	Nov. 9-Dec. 7	4		
Steele County.....	Oct. 20-Dec. 7	4		
Stevens County.....	Nov. 9-Dec. 13	12		
Todd County.....	Nov. 9-Dec. 13	3		
Wabasha County.....	Nov. 2-Dec. 7	10		
Wadena County.....	Nov. 2-Dec. 13	15		
Saseka County.....	Oct. 26-Dec. 7	9		
Washington County.....	Nov. 24-30	1		
Stillwater.....	Dec. 1-31	3		
Winona County.....	Dec. 1-7	1		
Winona.....	Dec. 1-7	4		
Yellow Medicine County.....	Oct. 20-26	1		
Total for State.....		223		
Mississippi:				
De Soto County.....	Nov. 1-Dec. 22	135		
Total for State.....		135		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Missouri:				
St. Joseph	Dec. 1-31	1		
St. Louis	Dec. 20-Jan. 9	3		
Springfield	Nov. 1-Dec. 31....	2		
Total for State.....		6		
Montana:				
Butte	Dec. 2-15	6		
Total for State.....		6		
Nebraska:				
Lincoln	Nov. 1-30	3		
South Omaha	Dec. 20-26	1		
Total for State.....		4		
New Hampshire:				
Hinsdale	Nov. 1-Dec. 15....	6		
West Chesterfield	Nov. 1-Dec. 15....	1		
Westmoreland	Nov. 1-Dec. 15....	1		
Total for State.....		8		
North Carolina:				
Bertie County	Nov. 1-30	1		
Catawba County	Nov. 1-30	1		
Currituck County	Nov. 1-30	3		
Johnston County	Nov. 1-30	1		
Pasquotank County	Nov. 1-30	17		
Total for State.....		23		
Ohio:				
Cincinnati	Dec. 12-Jan. 8....	38		Year 1908.
Newark		3		
Tiffin	Jan. 3-9	1		
Total for State.....		42		
Oregon:				
Clackamas County	Sept. 1-30	1		
Harney County	Sept. 1-30	1		
Jackson County	Oct. 1-31	1		
Linn County	Sept. 1-Oct. 31....	5		
Marion County	Sept. 1-Oct. 31....	3		
Multnomah County, Port- land	Nov. 1-30	29		
Polk County	Sept. 1-Oct. 31....	8		
Tillamook County	Oct. 1-31	1		
Umatilla County	Sept. 1-30	1		
Wallowa County	Oct. 1-31	1		
Washington County	Oct. 1-31	17		
Yamhill County	Sept. 1-30	7		
Total for State.....		75		
Pennsylvania:				
Gracedale	Oct. 24	1		Present. Imported.
New Kingstown	Dec. 28	1		
Philadelphia	Dec. 18-25	1		
Pittsburg	Dec. 18-19	1		
Total for State.....		3		
Tennessee:				
Knoxville	Dec. 28-Jan. 9	3		
Nashville	Dec. 20-26	1		
Total for State.....		4		
Texas:				
Coat	Oct. 1-Dec. 19....			Present. Do. Do. Do.
Falfurrias	Dec. 26	12		
Laredo	Dec. 26	2		
Monthalia	Oct. 1-Dec. 19....			
Oak Forest	Oct. 1-Dec. 19....			
San Antonio	Dec. 18-Jan. 9	21		
San Augustine County	Jan. 5			
Total for State.....		35		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Utah:				
Davis County.....	Nov. 1-30.....	5		
Weber County.....	Nov. 1-30.....	1		
Total for State.....		6		
Washington:				
Seattle.....	Nov. 1-30.....	7		
Spokane.....	Dec. 6-Jan. 2.....	3	1	
Tacoma.....	Dec. 14-20.....	14		
Total for State.....		24	1	
Wisconsin:				
La Crosse.....	Dec. 13-Jan. 9.....	14		
Manitowoc.....	Dec. 13-19.....	4		
Milwaukee.....	Dec. 6-Jan. 9.....	17		
Total for State.....		35		
Grand total for the United States.....		1,286	5	

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

[For smallpox and plague, see special tables.]

Cities.	Week ended—	Popula- tion, United States census, 1900.	Total deaths from all causes	Tuber- culosis.		Enteric fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Altoona, Pa.....	Jan. 9	38,973	15					4		1					
Ann Arbor, Mich.....	do	14,509	7	1				5				1			
Auburn, N. Y.....	Dec. 12	30,345	7	1	1	1				2					
Do.....	Dec. 19	30,345	12	2	3					1				1	1
Do.....	Dec. 26	30,345	8	2	2	1				1				1	
Do.....	Jan. 2	30,345	4			2								1	
Baltimore, Md.....	Jan. 9	508,957	204	24	27	16	6	12		15	5	54	1		
Bayonne, N. J.....	Jan. 11	32,722	1					2		6		9			
Beaver Falls, Pa.....	Jan. 9	13,000	1					1							
Berkeley, Cal.....	Jan. 2	13,214	15	1	1					1		3			
Biddeford, Me.....	Jan. 9	16,145	12		2										
Binghamton, N. Y.....	do	38,647	19		1										
Boston, Mass.....	do	560,892	286	86	34	21	1	76	2	64	3	43		37	3
Braddock, Pa.....	do	15,654	9		1					1				1	
Bradford, Pa.....	do	15,029	3					1						2	
Brockton, Mass.....	do	40,063	13	1				3				17		4	
Cambridge, Mass.....	do	91,846	28	3	2	1		25	1	4		16			
Camden, N. J.....	do	75,935	33		1			4		6	1	6			
Carbondale, Pa.....	do	13,536	6	1	1	1				1		1			
Charlotte, N. C.....	Jan. 8	18,091	12		2									1	
Chelsea, Mass.....	Jan. 9	34,072	12					1				1		1	
Chicago, Ill.....	do	1,698,575	561	79	63	35	3	189	8	158	19	78	1	27	1
Chicopee, Mass.....	do	19,167	7		2			2		3		1		2	
Cincinnati, Ohio.....	Jan. 8	325,902	110	13	17	3	1	12		11		2			
Cleveland, Ohio.....	do	381,768	130	25	8	15	1	24		46	2	9		20	
Columbus, Ga.....	Jan. 2	17,614	2		1										
Do.....	Jan. 9	17,614	3												
Covington, Ky.....	do	42,938	13		3	1		1							
Danville, Ill.....	Jan. 10	16,534	7					4		1		1			
Dayton, Ohio.....	Jan. 9	85,333	31	4	5										
Detroit, Mich.....	do	285,704	123					7	1	14					
Duluth, Minn.....	Jan. 7	80,000	15	4	1			13	1	27					
Dunkirk, N. Y.....	Jan. 9	11,616	2	1				1		1					
Elkhart, Ind.....	do	15,184	5	3	1			2		1		6			
Elmira, N. Y.....	do	35,672	6	27	2	1	1	1		1					
El Paso, Tex.....	Jan. 5	15,905	17		7	1				1	1	1			
Evansville, Ind.....	Jan. 2	59,007	15	4	2	4	1	2		2				1	
Do.....	Jan. 9	59,007	8		2	1		1		3					
Everett, Mass.....	do	24,336	8	2		3		6		2	1	2			
Fall River, Mass.....	do	104,863	61	8	8	1		6		1	1	1			
Findlay, Ohio.....	do	17,613	4		1			2							

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

Cities.	Week ended—	Population, United States census, 1900.	Total deaths from all causes.	Tuberculosis.		Enteric fever.		Scarlet fever.		Diphtheria.		Measles.		Whooping cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Fort Wayne, Ind.	Jan. 2	45,116	13	....	2	2	....	....	....	2	....	....	....	....	....
Do.	Jan. 9	45,115	20	....	1	....	....	....	....	1	....	....	....	....	....
Galesburg, Ill.	Jan. 8	18,607	6	....	....	....	....	1	....	....	....	....	....	....	....
Galveston, Tex.	Do	37,789	4	1	....	1	....	1	....	....	....	....	....	....	....
Glens Falls, N. Y.	Jan. 9	13,543	5	....	1	1	....	....	....	....	....	....	....	....	....
Gloucester, Mass.	Jan. 2	26,121	9	....	....	....	....	....	....	....	....	....	....	....	....
Do.	Jan. 9	26,121	10	....	....	....	....	....	....	2	....	....	....	....	....
G'd Rapids, Mich.	Do	87,565	26	4	2	2	....	11	1	3	....	....	....	5	....
Greensboro, N. C.	Do	10,035	5	....	2	....	....	....	....	....	....	1	....	....	....
Greenville, S. C.	Jan. 2	11,860	5	....	....	....	....	2	....	....	....	....	....	....	....
Harrison, N. J.	Jan. 9	10,596	8	1	1	....	....	....	....	....	....	....	....	....	....
Hartford, Conn.	Jan. 10	79,550	24	7	1	1	....	3	....	7	1	....	....	1	....
Haverhill, Mass.	Jan. 9	37,175	15	7	1	2	....	3	....	....	....	....	....	....	....
Hoboken, N. J.	Do	59,364	....	....	....	....	....	3	....	7	1	....	....	....	....
Indianapolis, Ind.	Jan. 10	169,164	52	....	3	....	....	4	....	27	2	....	....	20	....
Jacksonville, Fla.	Jan. 9	28,429	19	....	1	1	....	....	....	4	....	....	....	....	1
Jersey City, N. J.	Jan. 3	206,433	104	3	6	3	1	18	8	12	....	54	....	7	1
Do.	Jan. 10	206,433	96	....	9	....	....	26	6	12	....	69	1	1	....
Johnstown, Pa.	Jan. 9	35,386	18	....	1	2	1	5	....	8	....	1	....	....	....
Kalamazoo, Mich.	Do	24,404	11	2	1	....	....	....	....	....	....	....	....	1	....
Kearny, N. J.	Do	10,896	6	....	....	....	....	3	1	....	....	....	....	....	....
Kingston, N. Y.	Do	24,535	7	....	....	....	1	....	....	....	....	....	....	....	....
Knoxville, Tenn.	Do	32,637	....	....	....	1	....	....	....	....	25	....	....	....	....
La Crosse, Wis.	Do	28,895	2	....	....	....	....	1	....	3	....	....	....	1	....
La Fayette, Ind.	Jan. 11	18,116	3	....	....	....	....	....	....	....	....	1	....	....	....
Lancaster, Pa.	Jan. 9	41,456	14	....	....	....	....	4	....	3	....	....	....	....	....
Lawrence, Mass.	Do	62,559	34	....	3	....	....	1	....	....	....	21	....	....	....
Lebanon, Pa.	Do	17,625	3	2	....	....	....	2	....	1	....	2	....	....	....
Little Falls, N. Y.	Do	10,381	4	....	....	....	....	....	....	....	....	....	....	....	....
Los Angeles, Cal.	Jan. 2	102,479	78	5	12	3	....	40	1	3	....	1	....	....	....
Lowell, Mass.	Jan. 9	94,969	39	4	5	3	....	1	1	11	1	1	....	1	....
Lynchburg, Va.	Do	18,891	....	....	....	....	....	1	....	2	....	....	....	....	....
Lynn, Mass.	Do	68,513	19	....	2	1	....	3	1	6	1	....	....	....	....
Manchester, N. H.	Do	56,987	24	2	2	....	....	6	....	17	....	1	....	....	....
Manitowoc, Wis.	Do	11,786	2	1	....	2	....	....	....	5	1	5	....	....	....
Mansfield, Ohio	Do	17,650	....	....	....	....	....	1	....	....	....	....	....	....	....
Marquette, Wis.	Do	16,195	4	1	1	....	....	....	....	....	....	....	....	....	....
Marion, Ind.	Do	17,337	2	....	....	....	....	....	....	....	....	....	....	....	....
Marion, Ohio	Jan. 7	11,862	....	....	....	....	....	3	....	....	....	....	....	....	....
Medford, Mass.	Jan. 9	18,244	7	....	....	....	....	2	....	4	....	....	....	....	....
Milrose, Mass.	Jan. 2	12,962	5	....	....	....	....	3	....	2	....	....	....	....	....
Milwaukee, Wis.	Do	285,315	84	12	12	13	1	22	....	15	3	7	....	....	....
Do.	Jan. 9	285,315	89	9	14	14	2	33	2	20	1	29	2	5	1
Mobile Ala.	Dec. 26	38,469	24	....	4	....	....	1	....	2	....	....	....	....	....
Do.	Dec. 31	38,469	21	....	4	....	....	1	....	2	....	....	....	....	....
Montclair, N. J.	Jan. 9	13,962	7	....	....	....	....	2	1	....	....	....	....	....	....
Montgomery, Ala.	Jan. 8	30,346	11	....	....	....	....	....	....	....	....	....	....	....	....
Moline, Ill.	Jan. 10	17,248	5	....	1	....	1	....	....	....	....	3	....	....	....
Morristown, N. J.	Jan. 9	13,000	3	1	....	....	....	3	....	....	....	....	....	....	....
Muncie, Ind.	Do	20,912	7	....	....	....	1	....	....	....	....	....	....	....	....
Nashville, Tenn.	Do	80,865	31	6	4	....	....	1	....	3	1	....	....	....	....
Nanticoke, Pa.	Jan. 10	12,616	3	1	....	1	....	....	....	5	....	....	....	....	....
Nebraska City,	Do	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Nebr.	Jan. 9	7,200	1	....	....	....	....	2	....	1	....	....	....	....	....
Newark, N. J.	Do	246,070	125	....	14	....	1	57	3	23	2	....	....	....	....
New Bedford,	Do	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mass.	Do	63,442	32	7	....	....	....	25	....	3	1	1	1	8	....
New Brunswick,	Do	....	....	....	....	....	....	....	....	....	....	....	....	....	....
N. J.	Dec. 26	20,006	....	....	....	....	....	1	....	....	....	....	....	....	....
Do.	Jan. 2	20,006	....	....	....	....	....	....	....	4	....	....	....	....	....
Newburyport,	Do	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mass.	Jan. 9	14,478	6	....	....	....	....	....	....	1	1	....	....	....	....
Newton, Mass.	Do	93,587	9	1	....	....	....	3	....	4	1	....	....	....	....
New York, N. Y.	Do	3,437,202	1,440	507	162	46	6	305	15	394	42	538	12	30	5
Niagara Falls, N. Y.	Do	19,457	8	1	....	10	....	2	....	5	1	....	....	....	....
Norristown, Pa.	Jan. 2	22,265	16	1	....	....	....	1	....	1	....	....	....	....	....
Do.	Jan. 9	22,265	6	1	....	1	....	1	....	1	....	....	....	....	....
North Adams,	Do	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mass.	Do	24,200	4	....	....	2	....	1	....	....	....	1	....	....	....
Northampton,	Do	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mass.	Do	18,643	8	....	....	....	....	1	....	2	....	6	....	....	....
Oil City, Pa.	Do	13,264	7	....	....	....	....	....	....	1	....	....	....	....	....
Oklahoma City,	Do	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Okla.	Do	43,500	10	8	1	....	....	6	....	1	....	....	....	....	....

a Period covers 5 days.

b Period covers 9 days.

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

Cities.	Week ended--	Popula- tion, United States census, 1900.	Total deaths from all causes.	Tuber- culosis.		Enteric fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Orange, N. J	Jan. 9	24,141	8	2	1			2				2			
Ottumwa, Iowa	do	18,197	7	1		3									
Palmer, Mass	do	7,801	1												
Philadelphia, Pa	Jan. 2	1,293,697	516	85	57	97	5	48	1	17	17	59	4	9	1
Pittsburg, Pa	do	321,616	135	47	9	13	1	31	1	20	1	23	1	16	2
Pittsfield, Mass	Dec. 26	21,766	7	2	1										
Do	Jan. 2	21,766	9	1		1		3							
Plainfield, N. J	Jan. 10	15,369	6		2					7		2			
Plymouth, Pa	Jan. 9	13,649													
Portsmouth, N. H	do	10,637	1												
Portsmouth, Va	Dec. 29	17,427	5					1		3					
Do	Jan. 5	17,427	4					4		1					
Do	Jan. 12	17,427	7		1			3		2					
Providence, K. I.	Jan. 9	175,597	56	2	7	1		4		14	1				1
Racine, Wis	do	29,102	3					1							
Reading, Pa.	Jan. 11	78,961	44	1	2	11	3	18	1	12	1	1			
Richmond, Va	Jan. 9	85,050	51	8	8	3		1		2				3	9
Rockford, Ill	do	31,051						2		2					
Rock Island, Ill	do	19,493	1									2			
Saginaw, Mich	Jan. 2	42,345	16	1	1	4									
St. Joseph, Mo.	Dec. 19	102,979	18		1										
Do	Dec. 26	102,979		1	1					3					
Do	Jan. 2	102,979	13		1	1		2		1					
St. Louis, Mo	Jan. 9	575,238	231	30	27	4		25	1	54	8	96	1	3	
San Francisco, Cal.	Jan. 2	342,782	131	23	17	7	1	16	2	11	1	51			1
Scranton, Pa	do	102,026	36	3	1	3	1	11	2	8	1	22			
Do	Jan. 9	102,026	37	1				12	1	17	1	12			
Shamokin, Pa	do	18,202	8					2				2			
Somerville, Mass	do	61,645	27	2	2	1		11	2	13	1	3			
South Bend, Ind	do	35,999	14	1	1			1	1	1		9			
South Omaha, Nebr	do	26,001													
Spokane, Wash.	Jan. 2	38,848	32					13		6	2	8			
Springfield, Mass	Jan. 9	62,059	18	3	1					2		11			
Springfield, Ohio	do	38,253	12	4	1			1		1	1				
Steeltown, Pa	do	12,068	4	1						1	1	1			
Taunton, Mass	do	31,036	8	2						1					
Tiffin, Ohio	Jan. 2	10,898						4							
Do	Jan. 9	10,898						2							
Titusville, Pa	do	8,244	4					12							
Topeka, Kans	Jan. 2	33,608	8	1				2		1		1			
Trenton, N. J	Jan. 9	73,307		7		1		1		1					
Waltham, Mass	do	23,481	8					10	1	2		3			
Washington, D. C	do	278,718	134	44	11	11	4	27	2	11		305		11	
Wheeling, W. Va	Jan. 2	38,878	18	4	4	1				3					
Do	Jan. 9	38,878	13	2	3							6			
Wilkes-Barre, Pa.	Jan. 8	51,721	26	3		1		4		10		8		2	
Wilksburg, Pa.	Jan. 7	13,000	8	1	1	2		4		2	1	5			
Do	Jan. 15	13,000	8		1			2				2			
Williamsport, Pa.	Jan. 9	28,757	8		1			4							
Wilmington, Del.	Jan. 2	76,508	19		4				1						
Do	Jan. 9	76,508	22		2										
Winona, Minn	do	19,714	6	2	2										
Wolurn, Mass	do	14,254	2	2		1				5					
Worcester, Mass	do	118,421	48	6	6			9		14	2			3	
York, Pa	do	33,708		5				1						5	

a Period covers 2 weeks.

FOREIGN AND INSULAR.

CURRENT QUARANTINE MEASURES.

[From the Veröffentlichungen des Kaiserlichen Gesundheitsamtes, Berlin, December 23 and 30, 1908.]

CHOLERA.

GREECE.—December 12. Arrivals from Taganrog, Novorossysk, Rostov, Kertsch, Theodosia, Odessa, Sebastopol, and Kherson, and from all other ports of the Black Sea between Batoom and Sulina, are free from sanitary police measures. They are, however, still subject to medical inspection.

RUSSIA.—December 11. The governments of Minsk and Tschernigov, the cities of Nikolajewsk and Archangel, the districts of Archangel, Nikolajewsk, and Basuluk (government of Samara), Lipezk, Usman, Borissoglebsk, Kirsanov, Koslov, Jelatma, and Lebedin (government of Tambov) are declared free from cholera. December 22. The city and government of Kief, city and government of Saratov, city and government of Jekaterinaslav, city and district of Tiflis, city and district of Jelissavetpol, the capital city of Baku and the city of Taganrog declared free from cholera.

TURKEY.—December 15. Vessels with or without passengers from any port of the Black Sea—with the exception of Kherson and Taganrog—are subject only to official inspection at the first Turkish port provided with a sanitary inspector. Previously named measures against vessels from Kherson and Taganrog, as well as vessels carrying pilgrims, emigrants, or any aggregations of men from any port of the Black Sea, are still in force.

PLAGUE.

EGYPT.—December 10. Plague regulations in force against arrivals from Sayala. Verawal, and Cananore are declared free of plague.

GERMAN EAST AFRICA.—October 23. The governor of Dar-es-Salaam imposed quarantine and sanitary measures, both land and maritime, on account of the occurrence of plague.

GREECE.—December 12. Sanitary police measures against arrivals from Alexandria replaced by medical inspection.

TURKEY.—December 15. Medical inspection for arrivals from points on the coast between Lith and El Wedj, both included, and against arrivals from Yembo, suspended.

BRITISH GUIANA.

Report from Georgetown—Quarantine imposed against Paramaribo, Dutch Guiana, on account of yellow fever.

Consul Clare reports, December 26:

The consular agent at Paramaribo, Dutch Guiana, reports under date of December 21, that 7 cases of yellow fever have occurred at that place since December 18, 2 of which terminated fatally.

The authorities at this port have imposed a strict quarantine against Paramaribo.

CHINA.

Report from Hankau—Fatal plague case on steamship.

Consul Martin reports, December 5, the occurrence of a fatal case of plague in the person of a fireman (Chinese) on a steamship in the port of Hankau. The vessel was immediately ordered to the quarantine station at Shanghai. There is no plague in Hankau.

CUBA.

Report from Cienfuegos—Inspection of vessels.

Acting Assistant Surgeon Suarez reports, January 4:

Week ended January 2.

Vessels inspected	3
Bills of health issued	3
Members of crews inspected.....	95

No quarantinable disease was reported during the week.

Week ended January 9. No transactions.

Report from Habana—Inspection and fumigation of vessels—New case of smallpox at Mariel quarantine station from steamship Floride—Proposed quarantine station in Santiago Harbor.

Passed Assistant Surgeon Amesse reports, January 11:

Week ended January 9.

Vessels inspected.....	25
Bills of health issued	29
Members of crews of outgoing vessels inspected	1,310
Passengers of outgoing vessels inspected	860

No further cases of yellow fever have been reported from the focus recently found in Oriente Province. All the prophylactic measures indicated are being vigorously carried out.

One additional case of smallpox appeared at Mariel quarantine among the passengers taken from the French steamship *Floride* on December 27. (See Public Health Reports January 8, 1909, p. 38.)

Provision for a modern quarantine station to be constructed on Cayo Duan, in the harbor of Santiago de Cuba, was made by the provisional government during the week.

Report from Matanzas—Inspection of vessels.

Acting Assistant Surgeon Nuñez reports, January 11:
 Week ended January 9. Bills of health granted to 4 vessels clearing for ports in the United States in good sanitary condition.
 No quarantinable diseases reported within this district.

Report from Santiago—Inspection of vessels.

Acting Assistant Surgeon Wilson reports, January 6:
 Week ended January 2. Bills of health issued to 4 vessels bound for the United States.

ECUADOR.

Report from Guayaquil—Inspection and fumigation of vessels—Plague and yellow fever—Plague still present at Milagro.

Passed Assistant Surgeon Wightman reports, December 20, through Passed Assistant Surgeon Lloyd:

During the two weeks ended December 12, 2 steamships were fumigated and granted bills of health. They carried an aggregate personnel of 161 in crew, 29 cabin and 50 steerage passengers.

During the week ended December 5, 62 deaths from all causes were recorded for Guayaquil, of which 3 were from yellow fever and 1 from plague.

During the week ended December 12, a total of 67 deaths was recorded, 1 being from yellow fever and 2 from plague.

Plague is still present in Milagro, 6 new cases with 2 deaths having occurred since December 16.

GERMANY.

Report from Berlin—Status of cholera in Russia.

The following is received from Consul-General Thackara, under date of January 2:

According to official statistics published by the imperial health office at Berlin there were registered in the whole of Russia during the week ended December 5, 285 cases of cholera with 129 deaths. During the week ended December 12, there occurred 315 cases with 156 deaths, and during the week ended December 19, there were registered in the whole of the Russian Empire 178 cases with 67 deaths.

GUATEMALA.

Report from Guatemala City—Epidemic smallpox—Compulsory vaccination ordered.

The following is received from Minister Heimke, under date of December 21:

Diligent inquiry has convinced me of the fact that smallpox is spreading in the city of Guatemala with alarming rapidity. Since the beginning of the epidemic, 600 cases of smallpox, with 200 deaths,

have been officially reported, and 120 cases are reported as being in the lazaretto of the city.

On further inquiry I have found that the city is literally honey-combed with the disease; that there are between 2,500 and 2,800 cases of smallpox at this capital; that there are about 220 cases in the lazaretto (designed to accommodate only 80 patients); that new cases presenting themselves at the lazaretto are being sent away and returned to their houses for lack of room, and that the actual death rate is about 30 per cent. Every passenger arriving by steamship at any of the ports of Guatemala is required to undergo immediate vaccination, but no passenger leaving Guatemalan ports, either for the United States or for any other country, is required to subject himself to vaccination.

The heaviest, and I may say almost the only, passenger traffic between the United States and Guatemala is between New Orleans and Puerto Barrios.

The situation has become so serious that the President of the Republic has found it expedient to issue a decree for the public safety against the further spread of the disease, in which he makes it obligatory upon every person residing in this Republic, without distinction of class, age, sex, or condition, to be vaccinated, under penalty of the payment of a fine for an infringement of the prescriptions of the decree in question.

HAWAII.

Reports from Honolulu—Examination of rats for plague infection.

Passed Assistant Surgeon Currie, plague laboratory, reports, December 26, through Temporary Chief Quarantine Officer Moore:

Week ended December 26.

Rats taken in Honolulu.....	522
Trapped.....	522
Found dead.....	0
Shot from trees.....	0
Examined bacteriologically.....	438
Showing plague infection.....	0

Classification of rats trapped.

Mus rattus.....	89
Mus norvegicus.....	32
Mus alexandrinus.....	58
Mus musculus.....	343
Total classified.....	522
Average number of traps set daily.....	1,462
Rats received from Hilo.....	13
Hilo rats still being investigated.....	13

Plague rats at Hilo.

Doctor Currie further reports, January 2:

A sanitary inspector of the territorial board of health reported from Hilo, December 19, 1908, that a number of rats had been found dead in a stable in that city and that smears made from them suggested plague infection. Some cultures from them were sent here.

Other dead rats have been found since in the same locality and additional cultures have been sent here. In all 40 dead rats have been obtained from the stable in question, and I am able to confirm the diagnosis of plague in the case of 3 rats.

Temporary Chief Quarantine Officer Moore further reports:

At the request of the president of the territorial board of health Passed Assistant Surgeon Currie will proceed to Hilo by the earliest steamer as an advisory expert. This office is cooperating with the board of health in vigorously enforcing the requisite sanitary measures.

INDIA.

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

Acting Assistant Surgeon Eakins reports, December 17:

During the week ended December 12, a bill of health was issued to the steamship *Stolzenfels*, bound for Boston and New York, with a total crew of 71. The usual precautions were taken, the holds fumigated, rat guards placed on the wharf lines, and the Asiatics' effects disinfected.

During the week ended December 5, there were 9 deaths from cholera, 6 from plague, and 14 from smallpox in Calcutta. In Bengal there were 102 cases of plague with 79 deaths. In India during the same period there were 2,196 cases of plague with 1,626 deaths.

ITALY.

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

Assistant Surgeon Wollenberg reports, December 28:

Vessels inspected at Naples week ended December 26.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Dec. 22	Caronia.....	New York.....			
23	Germania.....	do.....	186	50	320

Rejections recommended.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Suspected favus.	Other causes.	Total.
Dec. 22	Caronia.....						
23	Germania.....	9		5		5	19

Smallpox in Naples.—During the week ended December 27, there were 24 cases of smallpox and 10 deaths reported at the health office of the city of Naples. From the date of the introduction of the disease from Marseille, June 13, to the present date, the total number of cases has been 266, with 42 deaths.

Status of smallpox in Italy.—Week ended December 27. Provinces: Ereviso (Conegliano), 1 case; Potenza (Vaglio), 1 case; Caserta (Brusciano), 11 cases; Caserta (Marigliano), 1 case.

JAPAN.

Report from Yokohama—Inspection and fumigation of vessels—Examination of emigrants.

Passed Assistant Surgeon Cumming reports, December 21:

Bills of health were issued during the 2 weeks ended December 19 to 9 vessels having an aggregate personnel of 156 saloon passengers, 765 steerage passengers, and 1,026 members of crews. All steerage passengers taken on here were bathed and their effects were disinfected.

The steamship *Nikko Maru*, for Manila, was fumigated.

No quarantinable diseases have been reported here.

Number of emigrants:

Per steamship *Iyo Maru*, December 8—for Seattle, advised to wait 6; per steamship *Nippon Maru*, December 9—for Honolulu, advised to wait 11; for San Francisco, advised to wait 1; per steamship *Siberia*, December 16—for Honolulu, rejected 2, advised to wait 5; per steamship *China*, December 23—for Honolulu 1, advised to wait 6.

Report from Kobe—Inspection of vessels—Examination of emigrants.

Temporary Acting Assistant Surgeon Smith reports, December 23:

Week ended December 19. Supplemental bills of health granted to 8 steamships. There were inspected 258 members of crews and 330 steerage passengers; 47 members of crews and 51 steerage passengers were bathed and disinfected and their effects were disinfected by steam. The number of pieces of baggage steamed was 255 and bedding 110. Manifests were viséed for 46,573 pieces of freight, amounting to 4,022 tons.

Emigrants were examined as follows: Steamship *Kaga Maru* for Seattle, passed 31, recommended for rejection 1; steamship *China* for Honolulu, passed 17, recommended for rejection 11. The emigrants passed, together with 3 intending passengers to Victoria by the steamship *Kaga Maru*, were inspected, bathed and disinfected, and their effects were disinfected before embarkation.

MEXICO.

Report from Mexico City—Yellow fever at Veracruz and in Merida and vicinity.

The following is received from Doctor Liceaga, president of the superior board of health, under date of January 7:

During the week ended January 2, 2 cases of yellow fever with 1 death occurred at Veracruz, 2 cases in the city of Merida, 1 case at Sodzil, and 1 case, 1 death, at the plantation of San Bernardo, 9 kilometers distant from Maxcanu.

Report from Salina Cruz—Inspection and fumigation of vessel.

Acting Assistant Surgeon McPherson reports, January 1:

During the period from December 16 to 31, inclusive, 1 steamship was inspected and fumigated on clearing from this port for the United States.

PERSIA.

Report from Tabriz—Epidemic scarlet fever—Cholera still prevalent.

Consul Doty reports, December 9:

During the past 3 months more than 10,000 deaths have occurred here, including 300 Armenians, from a most virulent form of scarlet fever, deaths resulting in many cases after 5 or 6 hours. There is at present no apparent abatement of the disease.

There have been about 500 deaths from cholera during the past 2 months. This malady continues here despite a recent fall of snow, 10 or 12 inches on the level.

A hospital is to be opened especially to meet the emergency of these epidemics.

PERU.

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

Acting Assistant Surgeon Gutierrez reports, December 17:

During the week ended December 12, 3 vessels were fumigated and granted bills of health. They carried an aggregate personnel of 208 in the crew, 100 cabin and 118 steerage passengers.

The following is the latest report of plague in Peru received from the Director de Salubridad Publica:

Locality.	Cases, Nov. 20.	New.	Recovered.	Died.	Remaining, Dec. 3.
Lima	9	7	4		12
Callao	2		1		1
Trujillo (city).....	30	6	9	13	31
Trujillo (country).....					
Chepen	7	4	1	2	8
Lambayeque	1				1
San Pedro	6	7	1	3	9
Monsefu	3		3		
Chiclayo	1	5		3	3
Ferreñafe	2	4	3	1	2
Eten		3		2	1
Mollendo	1	2		1	1
Hacienda Oyotun	4				4

From November 20 to December 10, 4 cases of smallpox were reported at Lima. On December 10 there were 6 cases isolated in the hospital.

Since November 16 no new cases of plague have been reported at Callao.

Bills of health report plague in Chile as follows: December 6, 1 case of plague in the lazaretto at Iquique; 1 case in two weeks. A bill of health from Talcahuano reports, November 20, that there is smallpox 10 miles in the interior.

PHILIPPINE ISLANDS.

Reports from Manila—Cholera in Manila and the Provinces—Cholera decreasing in Manila—Inspection of vessels—Quarantine transactions, October, 1908.

Chief Quarantine Officer McClintic reports, December 8:

Week ended December 5.

Seven new cases of cholera with 5 deaths were reported for the city of Manila.

Cholera is gradually disappearing from the city, only a few sporadic cases being reported during the past week. The house-to-house inspection that was again put in force a week or so ago has been discontinued, as it did not show that the decrease in the number of cases was largely due to concealing and not reporting cases.

The bureau of health is making every endeavor to improve the sanitary condition of the city, particularly in the tenement districts, in order to prevent further outbreaks of the disease in the future. The extent of the undertaking may be appreciated when it is taken into consideration that much of the land in Manila is low and marshy, and that many of the lower classes have their homes in these wet, insanitary localities.

During the week the following cases and deaths were reported as having occurred in the provinces:

Province.	Cases.	Deaths.
Samar.....	7	0
Bulacan.....	23	19
Leyte.....	24	17
Ilocos Sur.....	14	12
Capiz.....	112	63
Cavite.....	3	3
Iloilo.....	14	4
Occidental Negros.....	46	31
Antique.....	52	30
Laguna.....	2	2
Ilocos Norte.....	45	35
Cagayan.....	18	11
Total.....	360	227

During the week consular bills of health were issued as follows: December 4, the British steamship *Seneca*, with 49 in the crew and with 1 passenger, en route from Macassar to Boston and New York, was granted a supplemental bill of health after the usual inspection of cargo and personnel. December 5, the British steamship *Muncaster Castle*, with 47 in the crew, en route from New York to Iloilo, was granted a supplemental bill of health. The crew was inspected prior to sailing.

*Quarantine transactions of the Service in the Philippine Islands during
the month of October, 1908.*

PORT OF MANILA.

Bills of health issued	251
Vessels inspected	105
Passengers on arriving vessels inspected	5, 632
Persons vaccinated	21
Members of crews on arriving steamships inspected	17, 231
On arriving sailing vessels inspected	45
Persons quarantined for observation, suspects, and contacts	355
Persons bathed and effects disinfected	1, 426
Persons in quarantine	355
Persons remaining in quarantine October 31	35
Vessels in quarantine	1
Vessels remaining in quarantine October 31	1
Steamships disinfected	1
Steamships partially disinfected	5
Steamships fumigated to exterminate vermin	7
Sailing vessels fumigated to exterminate vermin	1
Cases of quarantinable diseases detected on vessels, cholera	1
Pieces of baggage disinfected	1, 930
Pieces of baggage inspected and passed	334

Incoming.

Vessels remaining in quarantine from September	3
Vessels entering quarantine during the month	86
Steamers sailing without quarantine inspected and passed	24
Vessels disinfected	2
Persons remaining in quarantine from September	106
Members of crews quarantined	2, 490
Passengers quarantined	1, 395
Members of crews on vessels inspected	6, 520
Passengers on vessels inspected	3, 535
Members of crews bathed and effects disinfected	280
Passengers bathed and effects disinfected	516
Pieces of baggage disinfected	3, 049
Pieces of baggage inspected and passed	2, 447
Pieces of miscellaneous cargo certified	40, 890

PORT OF ILOILO.

Bills of health issued	9
Vessels inspected	21
Passengers on arriving vessels inspected	612
Members of crews on arriving steamships inspected	1, 164
Persons bathed and effects and baggage disinfected	17
Persons detained in quarantine during month	17
Cases of quarantinable diseases detected on vessels, cholera	2
Sailing vessels disinfected	2
Steamships fumigated to exterminate vermin	2
Vessels entering quarantine during the month	2
Pieces of baggage disinfected	51
Pieces of baggage inspected and passed	11

Outgoing.

Vessels sailing without quarantine inspected and passed	17
Members of crews on vessels inspected	155
Passengers on vessels inspected	36

PORT OF CEBU.

Bills of health issued	12
Vessels inspected	78
Passengers on arriving vessels inspected	1, 729
Members of crews on arriving steamships inspected	4, 969
On arriving sailing vessels inspected	39
Persons bathed and effects disinfected	167

Persons detained in quarantine.....	1,444
Steamships disinfected.....	1
Vessels entering quarantine.....	25
Case of quarantinable disease detected on vessels, cholera.....	1
Pieces of baggage disinfected.....	527
Pieces of baggage inspected and passed.....	108

PORT OF CAVITE.

Bills of health issued.....	4
Vessels inspected.....	1
Passengers on arriving vessels inspected.....	1
Members of crews on arriving steamships inspected.....	51

PORT OF OLONGAPO.

No transactions.

PORT OF DAVAO.

No transactions.

PORT OF ZAMBOANGA.

Vessels inspected.....	9
Passengers on arriving vessels inspected.....	302
Members of crews on arriving steamships inspected.....	518

PORT OF JOLO.

Number of vessels inspected.....	1
Passengers on arriving vessels inspected.....	17
Members of crews on arriving steamships inspected.....	57

PORTO RICO.

Report from Ponce—Transactions of service, December, 1908.

Acting Assistant Surgeon Ferrer-Torres reports, January 2, through Chief Quarantine Officer Foster:

Month of December, 1908.

Vessels inspected.....	13
Vessels disinfected.....	2
Vessels in quarantine.....	3
Passengers inspected:	
Incoming.....	113
In transit.....	987
Passengers in quarantine.....	1
Immigrants inspected.....	22
Rejections.....	0
Members of crews inspected.....	793
Bills of health issued.....	27
Pieces of baggage disinfected.....	7

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

BRAZIL—*Ceará*.—Month of November, 1908. Estimated population, 50,000. Total number of deaths, 72, including scarlet fever 3, whooping cough 2, and 8 from tuberculosis.

CANADA—*Ontario—Hamilton*.—Month of December, 1908. Estimated population, 63,256. Total number of deaths, 83, including diphtheria 3, and 7 from tuberculosis.

Quebec—Sherbrooke.—Month of December, 1908. Estimated population, 15,000. Total number of deaths, 22, including diphtheria 1, and 3 from tuberculosis.

CUBA—Matanzas.—Seven weeks, ended December 31, 1908. Estimated population, 35,515. Total number of deaths, 115, including diphtheria 2, and 23 from tuberculosis.

EGYPT—Suez.—Period from November 11 to December 16, 1908. Estimated population, 19,786. Total number of deaths, 62. Causes deaths not reported.

GREAT BRITAIN—England and Wales.—The deaths registered in 76 great towns in England and Wales during the week ended December 26, 1908, correspond to an annual rate of 12.8 per 1,000 population, which is estimated at 16,234,952.

London.—One thousand and thirty-seven deaths were registered during the week, including measles 44, scarlet fever 6, diphtheria 17, enteric fever 8, whooping cough 7, tuberculosis 109, and 14 from diarrhea. The deaths from all causes correspond to an annual rate of 11.3 per 1,000. In Greater London 1,461 deaths were registered. In the "outer ring" the deaths included 1 from measles, 1 from scarlet fever, 6 from diphtheria, whooping cough 2, and 2 from enteric fever.

Ireland.—The average annual death rate represented by the deaths registered during the week ended December 26, 1908, in the 21 principal town districts of Ireland was 18.3 per 1,000 of the population, which is estimated at 1,131,959. The lowest rate was recorded in Dundalk, viz, 4, and the highest in Limerick and Lisburn, viz, 27.3 per 1,000.

Scotland.—The deaths registered in 8 principal towns during the week ended December 26, 1908, correspond to an annual rate of 16.1 per 1,000 of the population, which is estimated at 1,839,038. The highest rate of mortality was recorded in Dundee, viz, 25.7, and the lowest in Perth, viz, 10.4 per 1,000. The aggregate number of deaths registered from all causes was 567, including measles 1, diphtheria 10, scarlet fever 2, enteric fever 5, and 22 from whooping cough.

ITALY—Genoa.—Two weeks ended December 15, 1908. Estimated population, 279,163. Total number of deaths, 199, including enteric fever 3, diphtheria 2, measles 1, and 15 from tuberculosis.

RUSSIA—Siberia—Vladivostok.—Period from November 4 to December 5, 1908. Estimated population, 79,699. Total number of deaths not reported. One death from typhus fever.

SPAIN—Malaga.—Month of September, 1908. Estimated population, 135,000. Total number of deaths, 273, including enteric fever 1 and 19 from tuberculosis.

Cartagena.—Month of July, 1908. Estimated population 103,373. Total number of deaths, 212, including enteric fever 4, smallpox 15, measles 2, scarlet fever 3, whooping cough 2, diphtheria 7, and 18 from tuberculosis.

WEST INDIES—*St. Thomas.*—Period from November 6 to December 11, 1908. Estimated population, 11,012. Total number of deaths, 24, including 1 from tuberculosis.

Cholera, yellow fever, plague, and smallpox, from December 26, 1908, to January 22, 1909.

[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 26, 1908, to December 25, 1908, see PUBLIC HEALTH REPORTS for December 25, 1908.]

[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.....	Nov. 15-21.....	9	5	
India:				
Bombay.....	Dec. 9-15.....		16	
Calcutta.....	Nov. 1-Dec. 5.....		47	
Madras.....	Nov. 14-Dec. 11.....		46	
Negapatam.....	Oct. 31-Nov. 6.....		1	
Rangoon.....	Nov. 8-Dec. 12.....		9	
Indo-China—Cholen.....	Nov. 9-15.....	1	1	
Persia:				
Tabreez.....	Oct. 9-Nov. 30.....	1,000	500	Dec. 9, still present.
Philippine Islands:				
Manila.....	Nov. 1-Dec. 5.....	77	52	
Provinces—				
Antique.....	Nov. 1-Dec. 5.....	150	85	
Bataan.....	Nov. 1-7.....	1	1	
Bulacan.....	Nov. 1-Dec. 5.....	70	59	
Capiz.....	Nov. 1-Dec. 5.....	511	278	
Cagayan.....	Nov. 1-Dec. 5.....	46	34	
Cavite.....	Nov. 1-Dec. 5.....	55	39	
Ilocos Norte.....	Nov. 1-Dec. 5.....	158	125	
Ilocos Sur.....	Nov. 1-Dec. 5.....	131	84	
Iloilo.....	Nov. 1-Dec. 5.....	230	116	
La Laguna.....	Nov. 1-Dec. 5.....	53	37	
Leyte.....	Nov. 1-Dec. 5.....	39	27	
Negros Occidental.....	Nov. 1-Dec. 5.....	188	128	
Palawan.....	Nov. 1-28.....	7	4	
Pampanga.....	Nov. 1-28.....	3	3	
Rizal.....	Nov. 1-28.....	71	60	
Samar.....	Nov. 1-Dec. 5.....	116	83	
Surigao.....	Nov. 15-21.....	1		
Union.....	Nov. 1-7.....	6	4	
Russia, general.....	Nov. 15-Dec. 19.....	1,289	600	Dec. 1, 3 cases are reported present at Riga. From 1 to 4 cases are reported weekly from the following places:
Amolinsk.....	Nov. 15-Dec. 19.....	29	13	Schuscka, Dnjeprorsk (Simferopol), Bijsk, Smeinogorsk, Barnoul, Pokrowsk, Jusowska, Etschmiadsin, and Dorpat.
Bakoo.....	Nov. 22-28.....	3	2	
Batoom.....	Nov. 15-21.....	4	2	
Cronstadt.....	Nov. 15-21.....	1	1	
Don, territory of.....	Nov. 15-Dec. 19.....	122	66	
Ekaterinislav.....	Nov. 15-Dec. 12.....	26	11	
Erivan.....	Dec. 1-19.....	23	19	
Kerson.....	Nov. 15-Dec. 19.....	2		
Kharkov.....	Dec. 6-12.....	1		
Kief.....	Nov. 15-Dec. 12.....	11	1	
Kooban.....	Nov. 15-Dec. 19.....	130	71	
Kostroma.....	Dec. 6-12.....	1		
Livonia.....	Nov. 15-21.....	2	1	
Moscow district.....	Dec. 6-12.....	2	2	
Odessa.....	Nov. 29-Dec. 12.....	2	2	
Olonets.....	Nov. 21-28.....	1	1	
Poltava.....	Nov. 29-Dec. 5.....	3		
Samara gov't dist.....	Nov. 29-Dec. 5.....	7	7	
Saratov.....	Nov. 15-Dec. 12.....	11	6	
Stavropol.....	Nov. 15-21.....	1		
St. Petersburg, government.....	Nov. 15-Dec. 12.....	11	3	
St. Petersburg.....	Nov. 29-Dec. 19.....	455	141	

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

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Russia—Continued.				
Tambov	Nov. 15-Dec. 12...	16	8	
Tavride	Nov. 15-Dec. 19...	9	5	
Terek, territory of	Nov. 15-Dec. 19...	99	62	
Tiflis	Nov. 15-21	9	4	
Tomsk	Nov. 15-Dec. 19...	81	37	
Tver, district	Nov. 15-Dec. 5....	4	.....
Volgoda	Dec. 6-12	1	.....
Yelisavetpol	Nov. 26-Dec. 5....	5	10	
Siam:				
Bangkok	Nov. 1-30 .....	.....	.....	Present.
Straits Settlements:				
Singapore	Nov. 8-Dec. 5....	.....	67	

YELLOW FEVER.

Barbados:				
Bridgetown	Dec. 12-Jan. 10...	4	3	
Brazil:				
Bahia	Nov. 15-Dec. 5....	3	2	
Manaos	Nov. 29-Dec. 19...	.....	3	
Para	Nov. 22-Dec. 26...	13	13	
Cuba:				
Oriente province—				
San Luis	Jan. 1-2	2	1	These cases were removed Dec. 28 and 29, respectively, to Santiago where 1 case died Dec. 31.
Dutch Guiana:				
Pparamaribo	Dec. 1-31	18	4	
Ecuador:				
Guayaquil	Nov. 29-Dec. 19...	.....	5	
Martinique:				
Fort de France	Dec. 13-19	1	.....
Mexico:				
Itzincal plantation	Dec. 6-12	2	2	Aug. 22-Dec. 18, 5 cases not previously reported.
Maxcanu	Dec. 6-26	2	2	
Merida	Dec. 6-Jan. 2	9	5	
San Bernardo plantation	Dec. 27-Jan. 2	1	1	
Sodzil plantation	Dec. 13-Jan. 2	7	4	
Veracruz	Dec. 6-Jan. 2	11	4	

PLAGUE.

Australia:				
Brisbane	Nov. 1-7	1	1	
Brazil:				
Bahia	Nov. 15-Dec. 5....	12	6	
Pernambuco	Nov. 1-15	3	.....
Rio de Janeiro	Nov. 16-Dec. 13...	31	14	
Chile:				
Iquique	Nov. 22-28	1	1	
China:				
Hankau	Dec. 5	1	1	On steamship. Still present. Present
Tientsin	Oct. 19-Nov. 21...	.....	.....
Tongshan	Nov. 1-14 .....	.....	.....
Ecuador:				
Guayaquil	Nov. 29-Dec. 19...	.....	4	
Milagro	Nov. 17-Dec. 12...	17	8	
Egypt:				
Alexandria	Nov. 14-Dec. 4....	3	.....
Port Said	Dec. 4	1	.....
Provinces—				
Assiout	Dec. 2-29	2	2	
Beherah	Nov. 24-Dec. 26...	11	6	
Galyoobeeyeh	Nov. 21-Dec. 17...	1	.....
Garbieh	Nov. 27-28	3	.....
Girgeh	Oct. 18-Dec. 30...	4	3	
Fayoum	Nov. 23-Dec. 1....	1	1	
Menouf	Nov. 27-Dec. 30...	147	29	
Minieh	Nov. 25-Dec. 29...	1	.....
India:				
Bombay Presidency and Sind.	Nov. 2-Dec. 17....	7,533	5,307	
Madras Presidency	Nov. 2-Dec. 17....	478	354	
Bengal	Nov. 2-Dec. 17....	639	535	

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

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
India—Continued.				
United Provinces.....	Nov. 2-Dec. 17....	506	436	
Punjab.....	Nov. 2-Dec. 17....	2,813	2,243	
Burma.....	Nov. 2-Dec. 17....	339	333	
Central provinces, including Berar.	Nov. 2-Dec. 17....	1,152	865	
Coorg.....	Nov. 2-Dec. 17....	5	3	
Mysore State.....	Nov. 2-Dec. 17....	1,375	937	
Hyderabad State.....	Nov. 2-Dec. 17....	256	222	
Central India.....	Nov. 2-Dec. 17....	502	395	
Rajputana.....	Nov. 2-Dec. 17....	410	413	
Grand total.....		16,008	12,043	
Indo-China:				
Cholen.....	Oct. 25-Nov. 21...	10	9	Including Chuquan.
Saigon.....	Oct. 25-Nov. 28...	4	4	
Japan:				
Formosa.....	Nov. 8-14.....	17	5	
Mauritius.....	Oct. 2-Nov. 5.....		32	
Peru:				
Callao.....	Nov. 13-Dec. 3.....	4		
Chepen.....	Nov. 27-Dec. 3.....	7	2	
Chiclayo.....	Nov. 13-Dec. 3.....	4	2	
Eten.....	Nov. 13-Dec. 3.....	6	5	
Ferrenafe.....	Nov. 13-Dec. 3.....	5	2	
Lima.....	Nov. 13-Dec. 3.....	15	3	
Mollendo.....	Nov. 13-Dec. 3.....	4	2	
Monsefu.....	Nov. 13-Dec. 3.....	5		
Oyotun, plantation.....	Nov. 20.....	4		
San Jose (Lambayeque).....	Nov. 13-Dec. 3.....	2		
San Pedro.....	Nov. 13-Dec. 3.....	8	4	
Trujillo.....	Nov. 13-Dec. 3.....	29	14	
Siam:				
Bangkok.....	Sept. 27-Oct. 24...	5	1	Present in November.
Straits Settlements:				
Singapore.....	Nov. 30-Dec. 5.....	1		
Turkey in Asia:				
Bagdad.....	Nov. 6-Dec. 5.....	14	5	

SMALLPOX.

Arabia:				
Aden.....	Nov. 25-Dec. 21....		42	
Brazil:				
Bahia.....	Nov. 15-Dec. 5.....	61	4	
Pernambuco.....	Nov. 1-15.....		22	
Rio de Janeiro.....	Nov. 16-Dec. 13....	718	369	
Santos.....	Nov. 1-Dec. 6.....		9	
São Paulo.....	Nov. 1-Dec. 6.....		22	
Canada:				
British Columbia—				
Victoria.....	Dec. 12.....	25	4	
Manitoba—				
Winnipeg.....	Dec. 20-Jan. 2....	3		
Ontario—				
Toronto.....	Nov. 8-28.....	7		
Nova Scotia—				
Halifax.....	Dec. 13-Jan. 9....	7		
Yarmouth.....	Dec. 1-31.....	1		
Quebec—				
Montreal.....	Dec. 26-Jan. 2....	1		
Ceylon:				
Colombo.....	Nov. 1-21.....	62	13	
China:				
Amoy.....	Oct. 11-Nov. 8....		2	
Shanghai.....	Nov. 11-Dec. 5....			Present.
Cuba:				
Habana.....	Dec. 26-27.....	2		On s. s. Floride.
Egypt, general.....	Nov. 12-Dec. 2....	122	24	
Alexandria.....	Nov. 26-Dec. 2....		1	
Cairo.....	Nov. 19-Dec. 16...	18	11	
France:				
Marseille.....	Dec. 1-31.....		1	
Paris.....	Nov. 22-Jan. 2....	20	1	
Germany:				
Breslau.....	Dec. 20-26.....	1		

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

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Greece:				
Athens	Nov. 22-Dec. 12		3	
Great Britain:				
Bristol	Dec. 13-19	1		
Guatemala:				
Guatemala City	Dec. 21	600	200	Estimated, 2,800 cases; 740 deaths.
India:				
Bombay	Nov. 25-Dec. 15		7	
Calcutta	Nov. 1-Dec. 5		25	
Madras	Nov. 28-Dec. 4	1		
Rangoon	Nov. 22-Dec. 5		2	
Indo-China:				
Cholen	Nov. 15-21	1	1	
Saigon	Nov. 1-28	2		
Italy, general	Nov. 30-Dec. 27	52		
Florence	Nov. 24-30	2		
Genoa	Dec. 1-15	1		
Naples	Dec. 7-27	60	20	
Polesella	Dec. 1			Epidemic.
Japan:				
Formosa	Nov. 29-Dec. 12	6		
Java:				
Batavia	Nov. 1-Dec. 5	14	1	
Malta	Nov. 22-28	1		On vessel.
Mexico:				
Guadalajara	Jan. 7	1		
Mexico City	Nov. 8-Dec. 5		22	
Monterey	Jan. 4-10	1		
Veracruz	Dec. 13-26	2	2	
Yucatan (Camp Mengel)	Dec. 21	1		
Norway:				
Christiania	Nov. 22-28	1	1	
Persia:				
Hamadan	Oct. 2-8			Present.
Tabreez	Oct. 2-8			Do.
Teheran	Sept. 18-Oct. 28		10	
Peru:				
Lima	Nov. 22-Dec. 10	4		
Salaverry	Nov. 19-25		1	
Philippine Islands:				
Manila	Nov. 1-14	2	2	
Porto Rico:				
Mayaguez	Dec. 20-26	1		
Portugal:				
Lisbon	Nov. 30-Jan. 2	9		
Russia:				
Moscow	Nov. 29-Dec. 19	64	22	
Riga	Nov. 29-Dec. 19	4		
St. Petersburg	Nov. 15-Dec. 19	24	6	
Warsaw	Nov. 1-28		10	
Servia:				
Belgrade	Dec. 6-12	2		
Siam:				
Bangkok	Nov. 1-30			Do.
Spain:				
Barcelona	Dec. 6-26		5	
Cartagena	July 1-31		15	
Madrid	Nov. 1-30		9	
Valencia	Nov. 29-Dec. 26	8	3	
Vigo	Nov. 30-Dec. 26		3	
Turkey in Asia:				
Adalia	Sept. 24-27		2	
Turkey in Europe:				
Constantinople	Dec. 7-27		27	

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.
Leeds	Dec. 19	477,107	146	10							1	2	3	3
Leipzig	Dec. 12	528,184	118	18							4	2	2	
Do	Dec. 19	528,184	153	26							2	3	1	2
Leith	Dec. 19	84,689	22	4										
Libau	Nov. 14	60,000												
Liege	Dec. 12	174,852	54	2							1	1		
Liverpool	Dec. 19	753,203	223	29							1	1	3	6
Do	Dec. 26	753,203	244	17							2	4	3	9
London	do	4,795,757	1,037	109							8	6	17	44
Lubeck	do	96,000	32	2										1
Lyon	Dec. 12	472,114	181	29								1	5	
Madras	Dec. 11	509,346	357			5							2	
Magdeburg	Dec. 12	250,252	69	9								2	6	
Managua	Nov. 21	22,278	15											
Do	Nov. 28	22,278	25								1			
Manaos	Dec. 12	54,000	24	2										
Manchester	Dec. 26	649,251	207											
Mannheim	Dec. 5	180,642	47	5									1	1
Matamoras	Jan. 2	8,000	6	2										2
Mayaguez	Dec. 26	35,700	26	4									1	
Mazatlan	Dec. 19	22,000	22										1	
Mexico	Nov. 14	400,000	433	27				5	16	1	8	6	2	6
Do	Nov. 21	400,000	428	31				2	11	1	6	6	5	7
Do	Nov. 28	400,000	423	26				5	17	1	28	5	1	4
Do	Dec. 5	400,000	421	27				10	11		19	3	3	3
Milan	Dec. 14	900,000	229	40							2		1	
Moncton	Jan. 4	13,500	3											
Monrovia	Dec. 5	7,000	4											
Do	Dec. 12	7,000	5											
Monterey	Jan. 3	100,000	55	4							1			
Montreal	Dec. 26	378,856	151	13							4		5	1
Do	Jan. 2	378,856	157								7		4	
Moscow	Dec. 12	1,335,104	611	85				6	11	2	13	8	9	6
Do	Dec. 19	1,335,104	627	76				10	14	6	20	13	6	8
Munich	Dec. 5	556,000	179	25							6	3	1	1
Nagasaki	Dec. 6	173,118	31								1	5		
Nantes	Dec. 27	133,247	46	6										
Naples	Nov. 28	593,729	285	34				6				2	2	
Do	Dec. 5	593,729	285					4					1	
Do	Dec. 12	593,729	302					6					3	
Do	Dec. 19	593,729	297					4					1	
Niuchwang	Dec. 5	60,000	10											
Niagara Falls, Ont.	Dec. 7	8,000	2											
Do	Dec. 14	8,000	1											
Do	Dec. 21	8,000	1											
Do	Dec. 31	8,000	2											
Nottingham	Dec. 12	260,000	88	1						1	1	4	4	
Do	Dec. 19	260,000	94										5	
Nuevo Laredo	Jan. 2	8,000	2	1										
Nuremberg	Dec. 5	311,650	98	16							2	1	2	2
Para	Dec. 19	185,000	96	16				3						
Do	Dec. 26	185,000	64	15				2						
Penang	Nov. 28	101,469	100	13										
Do	Dec. 5	101,469	85	14										
Plymouth	Dec. 26	122,113	34											
Port Elizabeth	Dec. 12	32,959	14	1										
Prague	do	229,571	134	16						2	1	2		
Progreso	do	5,000	3	1										
Do	Dec. 19	5,000	7											
Do	Dec. 28	5,000	3											
Queenstown	Dec. 19	7,684	2											
Rangoon	Dec. 5	252,155	175	6	3	1								
Rio de Janeiro	do	811,443	426	61	2			109		1		3	1	1
Do	Dec. 13	811,443	320	62	4			60		2		2	1	1
Rotterdam	Dec. 26	411,027	95							1	1	2		
Saigon	Nov. 23	208,000			1									
St. John, N. B.	Jan. 2	49,711	14	1						1				
St. Petersburg	Dec. 12	1,678,000	781	127		65		2	1	12	24	20	11	4
San Felix de Guixols	Dec. 26	11,094	4											
Santa Cruz de Tenerife	Dec. 19	46,000	16	3										
Santos	Nov. 29	75,000	36											
Do	Dec. 6	75,000	27					3						

* Report includes Cholera.

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.		
Shanghai.....	Nov. 28	544,500	122	15						1						
Southampton.....	Dec. 26	122,196	20	2												
Stettin.....	Dec. 19	230,000	77	8								5	1			
Stockholm.....	Dec. 12	337,460	103	21								1				1
Tegucigalpa.....	Dec. 16	24,000	3													
Do.....	Dec. 23	24,000	2													
Toronto.....	Dec. 19	272,600	80							2						
Do.....	Dec. 26	272,600	80							2		7				
Do.....	Jan. 2	272,600	80							1		4				
Trieste.....	Dec. 5	216,077	92							1						
Do.....	Dec. 12	216,077	111							1		2				
Turin.....	do	373,701	154	24								2				
Valencia.....	Dec. 19	215,687	122	9						1		2				
Vevey.....	Dec. 12	14,000	3													
Vienna.....	Dec. 19	2,042,426	650	79						1	9	4	12			
Winnipeg.....	Jan. 2	118,000	41							2		1	3			
Yokohama.....	Dec. 14	378,884								3						
Zurich.....	Dec. 20	181,000	55	5							1	1				1

By authority of the Secretary of the Treasury:

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