

PUBLIC HEALTH REPORTS

VOL. XXVI

JANUARY 13, 1911

No. 2

UNITED STATES

REPORTS TO THE SURGEON GENERAL, PUBLIC HEALTH AND MARINE-HOSPITAL SERVICE

PLAGUE-PREVENTION WORK

DISTRIBUTION OF POISON

In connection with the making of a squirrel-free zone around the cities in California on San Francisco Bay, 750 acres of land in Alameda County were covered with poison during the week ended December 24, 1910.

Record of Plague Infection

Place	Date of last case of human plague	Date of last case of rat plague	Date of last case of squirrel plague	Total number of rodents found infected since May, 1907
California:				
Cities—				
San Francisco.....	Jan. 30, 1908.....	Oct. 23, 1908.....	None.....	398 rats.
Oakland.....	Oct. 26, 1909.....	Dec. 1, 1908.....	do.....	126 rats.
Berkeley.....	Aug. 23, 1907.....	None recorded.....	do.....	None.
Los Angeles.....	Aug. 11, 1908.....	None.....	Aug. 21, 1908.....	1 squirrel.
Counties—				
Alameda (exclusive of the city of Oakland).	Sept. 26, 1909.....	{ Wood rat, Oct. 17, 1909.	{ Dec. 1, 1910.....	{ 85 squirrels.
Contra Costa.....	July 21, 1908.....	None.....	Sept. 10, 1910.....	{ 1 wood rat.
Merced.....	None recorded.....	do.....	June 6, 1910.....	247 squirrels.
Monterey.....	do.....	do.....	do.....	2 squirrels.
San Benito.....	June 5, 1910.....	do.....	July 11, 1910.....	4 squirrels.
San Joaquin.....	None recorded.....	do.....	Nov. 15, 1910.....	20 squirrels.
San Luis Obispo.....	do.....	do.....	Oct. 5, 1910.....	9 squirrels.
Santa Clara.....	Aug. 23, 1910.....	do.....	Jan. 29, 1910.....	1 squirrel.
Santa Cruz.....	None recorded.....	do.....	Oct. 5, 1910.....	23 squirrels.
Stanislaus.....	do.....	do.....	May 17, 1910.....	3 squirrels.
Washington:				
Seattle.....	Oct. 30, 1907.....	Feb. 8, 1910.....	None.....	5 squirrels.
				22 rats.

Rats Collected and Examined for Plague Infection

Places	Week ended—	Found dead	Total collected	Examined	Found infected
California:					
Cities—					
Berkeley.....	Dec. 24	.....	196	62	.....
Oakland.....	do.....	53	* 611	459	.....
San Francisco.....	do.....	22	* 1,585	1,193	.....
Washington:					
Cities—					
Seattle.....	do.....	.....	851	754	.....
Total.....	.....	75	3,143	2,468	.....

* Identified, *Mus norvegicus* 66, *Mus musculus* 30.

* Identified, *Mus norvegicus* 510, *Mus rattus* 2, *Mus musculus* 99.

* Identified, *Mus norvegicus* 966, *Mus rattus* 177, *Mus musculus* 309, *Mus alexandrinus* 133.

Squirrels Collected and Examined for Plague Infection

Places	Week ended—	Trapped and shot	Found dead	Examined	Found infected
California:					
Counties—					
Alameda.....	Dec. 24	257	5	250	.....
Fresno.....	do.....	55	.....	55	.....
Los Angeles.....	do.....	114	.....	110	.....
Mariposa.....	do.....	87	.....	87	.....
Merced.....	do.....	80	.....	80	.....
Monterey.....	do.....	415	.....	395	.....
Napa.....	do.....	58	.....	58	.....
Sacramento.....	do.....	12	.....	12	.....
San Joaquin.....	do.....	201	.....	193	.....
San Luis Obispo.....	do.....	183	.....	183	.....
San Mateo.....	do.....	27	.....	27	.....
Santa Clara.....	do.....	118	.....	118	.....
Stanislaus.....	do.....	96	.....	96	.....
Total.....	.....	1,703	* 5	1,654	.....

Other Animals Collected and Examined

Places.	Week ended—	Animals collected	Examined	Found infected
California:				
Counties—				
Kern.....	Dec. 24	4 chipmunks; 9 kangaroo rats; 1 field mouse.	11	.....
San Luis Obispo.....	do.....	4 rabbits.....	4	.....
Santa Clara.....	do.....	1 gopher.....	1	.....
Total.....	.....	.....	16	.....

SMALLPOX IN THE UNITED STATES

In the following tables the States indicated by an asterisk are those from which reports of smallpox are received only from certain city, and in some cases county, boards of health. In these States, therefore, the recorded cases and deaths should not be taken as showing the general prevalence of the disease. In the States not marked by an asterisk the reports are received monthly from the State boards of health and include all cases reported throughout the State.

SMALLPOX IN THE UNITED STATES—Continued
Reports Received During Week Ended January 13, 1911

Place	Date	Cases	Deaths	Remarks
*Alabama:				
Montgomery.....	Dec. 25-31.....	1		
Colorado:				
Adams County.....	Dec. 1-31.....	1		
Arapahoe County.....	Dec. 1-31.....	1		
Archuleta County.....	Dec. 1-31.....	2		
Boulder County.....	Dec. 1-31.....	8		
Conejos County.....	Dec. 1-31.....	2		
Denver County.....	Dec. 1-31.....	50		
El Paso County.....	Dec. 1-31.....	1		
Fremont County.....	Dec. 1-31.....	3		
Grand County.....	Dec. 1-31.....	2		
Huerfano County.....	Dec. 1-31.....	13		
Jefferson County.....	Dec. 1-31.....	5		
La Plata County.....	Dec. 1-31.....	6		
Las Animas County.....	Dec. 1-31.....	3		
Montezuma County.....	Dec. 1-31.....	1		
Morgan County.....	Dec. 1-31.....	1		
Pueblo County.....	Dec. 1-31.....	2		
Saguache County.....	Dec. 1-31.....	3		
Total for State.....		104		
Florida:				
Alachua County.....	Dec. 18-24.....	2		
Dade County.....	Dec. 25-31.....	1		
Gadsden County.....	Dec. 18-24.....	5		
Hillsboro County.....	Dec. 25-31.....	22		
Jackson County.....	Dec. 25-31.....	4		
Leon County.....	Dec. 18-31.....	32		
Madison County.....	Dec. 18-31.....	18		
Osceola County.....	Dec. 18-24.....	1		
Polk County.....	Dec. 18-31.....	2		
Walton County.....	Dec. 25-31.....	1		
Total for State.....		88		
*Louisiana:				
New Orleans.....	Dec. 25-31.....	18		
Maine (entire State).....	Dec. 1-31.....			No cases. Do.
Maryland (entire State).....	Dec. 1-31.....			
*Missouri:				
St. Louis.....	Dec. 25-31.....	4		
New Jersey:				
Bergen County.....	Dec. 1-31.....	2		
Oklahoma:				
Adair County.....	Nov. 1-30.....	1		
Beckham County.....	Nov. 1-30.....	8		
Blaine County.....	Nov. 1-30.....	1		
Bryan County.....	Nov. 1-30.....	10		
Caddo County.....	Nov. 1-30.....	3		
Canadian County.....	Nov. 1-30.....	1		
Grady County.....	Nov. 1-30.....	2	1	
Greer County.....	Nov. 1-30.....	1		
Hughes County.....	Nov. 1-30.....	2		
McIntosh County.....	Nov. 1-30.....	9		
Marshall County.....	Nov. 1-30.....	8		
Tulsa County.....	Nov. 1-30.....	1		
Washita County.....	Nov. 1-30.....	1		
Total for State.....		48	1	
*Tennessee:				
Shelby County.....	Nov. 1-30.....	15		
*Virginia:				
Portsmouth.....	Dec. 25-31.....	5		
Wisconsin:				
Chippewa County.....	Dec. 1-31.....	3		
Dunn County.....	Dec. 1-31.....	4		
Iowa County.....	Dec. 1-31.....	22		
Jefferson County.....	Dec. 1-31.....	6		
Lafayette County.....	Dec. 1-31.....	5		
La Crosse County.....	Dec. 1-31.....	1		
Milwaukee County.....	Dec. 1-31.....	5		
Oneida County.....	Dec. 1-31.....	1		
St. Croix County.....	Dec. 1-31.....	1		
Vilas County.....	Dec. 1-31.....	1		
Washington County.....	Dec. 1-31.....	1		
Total for State.....		50		

SMALLPOX IN THE UNITED STATES—Continued

Reports Received from December 31, 1910, to January 6, 1911

[For reports received from June 25, 1910, to Dec. 30, 1910, see Public Health Reports for Dec. 30, 1910. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun]

Place	Date	Cases	Deaths	Remarks
*Alabama:				
Montgomery.....	Dec. 11-24.....	2		
*Louisiana:				
New Orleans.....	Dec. 18-24.....	15		
*Missouri:				
Kansas City.....	Nov. 1-30.....	42		
St. Louis.....	Dec. 18-24.....	1		
Total for State.....		43		
Montana:				
Dawson County.....	Nov. 1-30.....	1		
Deerlodge County—				
Anaconda.....	Nov. 1-30.....	9		
Silverbow County, exclu-	Nov. 1-30.....	1		
sive of Butte.....				
Butte.....	Nov. 1-30.....	6		
Total for State.....		17		
Pennsylvania, entire State.....	Oct. 1-31.....			No cases.
Texas:				
Cameron County.....	Nov. 1-30.....	15		
Grimes County.....	Nov. 1-30.....	4		
Henderson County.....	Nov. 1-30.....	3		
McLennan County.....	Nov. 1-30.....	2		
Van Zant County—				
Willis Point.....	Nov. 1-30.....	4	1	
Total for State.....		28	1	
Utah:				
Beaver County.....	Nov. 1-30.....	7		
Cache County.....	Nov. 1-30.....	8		
Iron County.....	Nov. 1-30.....	22		
Juab County.....	Nov. 1-30.....	5		
Millard County.....	Nov. 1-30.....	1		
Salt Lake County.....	Nov. 1-30.....	10		
Washington County.....	Nov. 1-30.....	33		
Weber County.....	Nov. 1-30.....	5		
Total for State.....		91		
Grand total for the United States.....		196	1	

MORBIDITY AND MORTALITY

MORBIDITY AND MORTALITY TABLE, CITIES OF THE UNITED STATES, FOR WEEK ENDED DECEMBER 24, 1910

Cities	Popula- tion, United States census, 1910	Total deaths from all causes	Diph- theria		Measles		Scarlet fever		Small- pox		Tuber- culosis		Ty- phoid fever	
			Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Cities having over 500,000 inhabitants.														
Baltimore, Md.....	558,485	207	24	3	60	1	17	1	.....	.....	36	28	22	4
Boston, Mass.....	670,585	220	50	6	39	1	25	2	.....	.....	48	22	6	2
Chicago, Ill.....	2,185,283	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cleveland, Ohio.....	560,663	137	31	1	3	.....	36	4	.....	.....	15	14	8	3
New York, N. Y.....	4,766,883	1,690	231	27	163	4	264	8	.....	.....	540	195	48	12
Philadelphia, Pa.....	1,549,008	517	81	21	223	6	46	3	1	.....	82	48	21	7
Pittsburg, Pa.....	533,905	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Louis, Mo.....	687,029	232	33	3	176	2	52	2	1	.....	37	23	12	3
Cities having from 300,000 to 500,000 inhabitants.														
Buffalo, N. Y.....	423,715	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cincinnati, Ohio.....	364,463	93	13	1	6	.....	17	1	.....	.....	15	12	4	.....
Detroit, Mich.....	465,766	131	24	3	.....	.....	21	1	.....	.....	.....	.....	2	.....
Los Angeles, Cal.....	319,198	110	9	.....	3	.....	15	2	.....	.....	9	16	7	1
Milwaukee, Wis.....	373,857	102	21	3	11	.....	29	.....	1	.....	4	9	4	2
Newark, N. J.....	347,469	105	47	1	.....	.....	23	1	.....	.....	14	4	1	.....
New Orleans, La.....	339,075	157	15	1	24	1	17	.....	15	.....	45	26	6	2
San Francisco, Cal.....	416,912	116	5	.....	10	.....	8	.....	.....	.....	24	7	10	.....
Washington, D. C.....	331,069	119	14	1	3	.....	5	.....	.....	.....	18	14	12	.....
Cities having from 200,000 to 300,000 inhabitants.														
Providence, R. I.....	224,326	86	14	1	1	.....	7	.....	.....	.....	8	12	1	.....
Seattle, Wash.....	237,194	59	5	1	51	.....	4	.....	16	.....	3	8	2	1
Cities having from 100,000 to 200,000 inhabitants.														
Bridgeport, Conn.....	102,054	28	3	.....	.....	.....	1	1	.....	.....	27	4	.....	.....
Cambridge, Mass.....	104,839	27	6	1	10	.....	6	.....	.....	.....	2	2	.....	.....
Columbus, Ohio.....	181,548	44	2	1	.....	.....	.....	.....	1	.....	8	5	3	.....
Dayton, Ohio.....	116,577	42	1	.....	.....	.....	4	.....	.....	.....	1	6	.....	1
Fall River, Mass.....	119,285	38	2	1	3	.....	1	.....	.....	.....	4	3	3	.....
Grand Rapids, Mich.....	112,571	38	3	.....	116	.....	3	1	.....	.....	.....	1	3	.....
Lowell, Mass.....	106,294	53	9	3	.....	.....	6	.....	.....	.....	3	7	.....	.....
Nashville, Tenn.....	110,364	42	2	2	12	.....	4	4	.....	.....	1	5	.....	1
Oakland, Cal.....	150,174	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Spokane, Wash.....	104,402	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Toledo, Ohio.....	168,497	48	9	1	2	.....	3	.....	.....	.....	3	8	3	1
Worcester, Mass.....	145,986	45	15	.....	11	.....	1	.....	.....	.....	5	3	.....	1
Cities having from 50,000 to 100,000 inhabitants.														
Altoona, Pa.....	52,127	9	3	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....
Bayonne, N. J.....	55,545	.....	6	.....	.....	.....	2	.....	.....	.....	5	.....	.....	.....
Brockton, Mass.....	56,878	10	.....	.....	13	.....	2	.....	.....	.....	2	.....	.....	.....
Camden, N. J.....	94,538	.....	3	2	52	.....	.....	.....	.....	.....	1	.....	.....	.....
Canton, Ohio.....	50,217	10	2	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Covington, Ky.....	53,270	24	2	.....	.....	.....	.....	.....	.....	.....	1	5	.....	.....
Duluth, Minn.....	78,466	22	6	.....	.....	.....	3	1	.....	.....	3	1	2	2
Elizabeth, N. J.....	73,409	16	1	.....	.....	.....	6	.....	.....	.....	.....	.....	.....	.....
Erie, Pa.....	66,525	34	1	1	2	.....	16	.....	.....	.....	3	3	5	.....
Evansville, Ind.....	69,647	24	3	.....	2	.....	.....	.....	.....	.....	3	6	1	.....
Hartford, Conn.....	98,915	27	4	.....	.....	.....	6	.....	.....	.....	3	2	2	.....
Hoboken, N. J.....	70,324	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Houston, Tex.....	78,800	26	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1
Jacksonville, Fla.....	57,699	26	.....	.....	12	.....	.....	.....	.....	.....	4	4	.....	1
Johnstown, Pa.....	55,482	20	2	.....	.....	.....	2	.....	.....	.....	.....	.....	3	.....
Kansas City, Kans.....	82,531	30	2	.....	.....	.....	6	.....	.....	.....	2	.....	8	1
Lawrence, Mass.....	85,892	30	3	1	2	.....	.....	.....	.....	.....	5	4	2	.....
Lynn, Mass.....	89,536	18	6	.....	15	.....	2	.....	.....	.....	2	1	.....	.....
Manchester, N. H.....	70,063	23	3	.....	.....	.....	.....	.....	.....	.....	2	2	2	.....
New Bedford, Mass.....	96,652	35	.....	.....	7	.....	7	.....	.....	.....	6	3	1	1
Reading, Pa.....	96,071	36	4	1	5	.....	8	.....	.....	.....	8	5	3	.....
Salt Lake City, Utah.....	92,777	37	8	.....	26	.....	4	.....	11	.....	.....	2	2	1

MORBIDITY AND MORTALITY—Continued.

Morbidity and mortality table, cities of the United States, for week ended December 24, 1910—Continued

Cities	Popula- tion, United States census, 1910	Total deaths from all causes	Diph- theria		Measles		Scarlet fever		Small- pox		Tuber- culosis		Ty- phoid fever	
			Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Cities having from 50,000 to 100,000 inhabitants—Continued-														
San Antonio, Tex.....	96,614	11	1				1				7	4	4	
Schenectady, N. Y.....	72,826	23	2				2				4	2	2	
Somerville, Mass.....	77,236	21	4	1			3	1			2	2	1	
South Bend, Ind.....	53,684	17					1				1			
Springfield, Mass.....	88,926	27	10				5				3	4	2	1
Tacoma, Wash.....	83,743	12	2		1		3							
Terre Haute, Ind.....	58,157	23	7	2	1		4				2			
Trenton, N. J.....	96,815	5	4		6						6	4	2	1
Wichita, Kans.....	52,450	17	3	1							1	1		1
Wilkes-Barre, Pa.....	67,105													
Wilmington, Del.....	87,411	34					1				2			
Yonkers, N. Y.....	79,803	31	7				12				2	4		
Cities having from 25,000 to 50,000 inhabitants.														
Auburn, N. Y.....	34,668	11			9		1							
Aurora, Ill.....	29,907													
Berkeley, Cal.....	40,434	7					1						1	
Binghamton, N. Y.....	48,443	17	4	1	2						4			
Charlotte, N. C.....	34,014	7			1		2							
Chattanooga, Tenn.....	44,604		2				2		3		1			
Chelsea, Mass.....	32,452	23	1									1	2	
Chicopee, Mass.....	25,401	7	1											
Council Bluffs, Iowa.....	29,292													
Danville, Ill.....	27,871	9	4				2				2	2		
Dubuque, Iowa.....	38,494						2					1		
Elmira, N. Y.....	37,176	5	2	1	1		1				1			
El Paso, Tex.....	39,279	16					1		1			4		
Everett, Mass.....	33,484	11	2		1						1	2		
Haverhill, Mass.....	44,115		3		6						2	2	1	
Kalamazoo, Mich.....	39,437	14			22		5							1
Kingston, N. Y.....	25,908													
Knoxville, Tenn.....	36,346													
La Crosse, Wis.....	30,417	6			4		4		1					
Lancaster, Pa.....	47,227	15	1	1	2		1					1		
Lexington, Ky.....	35,099	16			1		2					2		
Lynchburg, Va.....	29,494		5				2							
Malden, Mass.....	44,404	17	3		3						2	3		
Montgomery, Ala.....	38,136	18	1				2		1		2	4		
Mount Vernon, N. Y.....	30,919	7	1		1		5					1		
Newport, Ky.....	30,309													
Newton, Mass.....	39,806	13		2	1		7				1			
Niagara Falls, N. Y.....	30,445		6	1	1						1	1		
Norristown, Pa.....	27,875	10	1	1								1	3	
Orange, N. J.....	29,630													
Pittsfield, Mass.....	32,121	12			93							1		
Portsmouth, Va.....	33,190	9					4							
Sacramento, Cal.....	44,696													
Superior, Wis.....	40,384	12	3									1	3	1
Taunton, Mass.....	34,259	13	1				1							
Topeka, Kans.....	43,684													
Waltham, Mass.....	27,834	6	1				1					1	1	
Wheeling, W. Va.....	41,641													
Williamsport, Pa.....	31,860	12	1	1			1						1	
York, Pa.....	44,750		3				2						1	
Cities having less than 25,000 inhabitants.														
Ann Arbor, Mich.....	14,817													
Ashtabula, Ohio.....		4					3					1		
Beaver Falls, Pa.....	12,191												1	
Bedford, Ind.....													1	
Bennington, Vt.....														
Biddeford, Me.....		4												
Braddock, Pa.....	19,357	14	3	1	1		3				2			
Butler, Pa.....	20,728	3	1		1							1		1

MORBIDITY AND MORTALITY—Continued.

Morbidity and mortality table, cities of the United States, for week ended December 24, 1910—Continued

Cities	Popula- tion, United States census, 1910	Total deaths from all causes	Diph- theria		Measles		Scarlet fever		Small- pox		Tuber- culosis		Ty- phoid fever	
			Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Cities having less than 25,000 inhabitants—Continued.														
Cambridge, Ohio.....	11,327	2			2							1		
Camden, S. C.....		4												
Carbondale, Pa.....	17,040	2	1											
Clinton, Ind.....	13,075													
Clinton, Mass.....	12,687	5	1	1							1		1	
Coffeyville, Kans.....		11										1		
Columbus, Ga.....		3											1	
Columbus, Ind.....		6										1	1	
Concord, N. H.....														
Covington, Ohio.....														
Cumberland, Md.....	21,839												9	3
Dunkirk, N. Y.....		4	2	1	3		10	2					4	
Elyria, Ohio.....														
Freeport, Ill.....	17,567	6												
Galesburg, Ill.....		8												
Gloucester, Mass.....												1		
Greensboro, N. C.....	15,895	8	1	2			2					1		
Harrison, N. J.....	14,498	4					4							
Hyde Park, Mass.....	15,507	6	2	1			1							
Kearny, N. J.....	18,659	4			6		1				1	1		
Kokomo, Ind.....	17,010													
La Fayette, Ind.....	20,081	7	1	1										
Lebanon, Pa.....	19,240	5									1	1		
Madison, Ind.....														
Manistee, Mich.....	12,381												1	
Manitowoc, Wis.....														
Marinette, Wis.....		2										1		
Marlboro, Mass.....	14,579													
Massillon, Ohio.....		1												
Medford, Mass.....	23,150	6	3		5		1				1	1	1	
Melrose, Mass.....	15,715													
Moline, Ill.....	24,199	1	4				1							
Montclair, N. J.....	21,550	4	1										1	
Morristown, N. J.....	12,507	7	1				4				1			
Nanticoke, Pa.....	18,877	2												
Newburyport, Mass.....	14,949	5			3									
North Adams, Mass.....	22,019	9			3			1						
Northampton, Mass.....	19,431	9			1						1			
Ottumwa, Iowa.....	22,012	13						1				1		
Paducah, Ky.....	22,760													
Palmer, Mass.....		5												
Peekskill, N. Y.....		8	2				1					1		
Plainfield, N. J.....	20,550	5	1		2		1				2	2	1	
Pottstown, Pa.....	15,599	7					1	1					3	
Rock Island, Ill.....		8	3											
Rutland, Vt.....	13,546	2												
Saratoga Springs, N. Y.....		3	2								1		1	
South Bethlehem, Pa.....	19,973	12									1	1		
Steelton, Pa.....	14,246	7	3	1							2			
Wilkinsburg, Pa.....	18,924	6					1				2			
Woburn, Mass.....	15,308	1	2				1				1			
Zanesville, Ohio.....		5			1		1				1			

STATISTICAL REPORTS OF MORBIDITY AND MORTALITY, STATES AND CITIES OF THE UNITED STATES (untabulated)

FLORIDA.—Week ended December 24, 1910. Reports from the State board of health show typhoid fever present in 2 localities (Tampa and Pensacola) with 2 cases, smallpox in 6 counties (Alachua, Gadsden, Leon, Madison, Osceola, Polk) with 39 cases, diphtheria in 5 localities with 6 cases, malaria in 4 localities (Tampa, Ybor City,

Jacksonville, Gainesville) with 23 cases, tuberculosis in 3 localities with 3 cases.

Pensacola.—Month of November, 1910. Population 23,000. Total number of deaths from all causes 46, including tuberculosis 4.

MASSACHUSETTS.—Week ended November 5, 1910. Population of reporting towns 2,594,239. Total number of deaths from all causes 686, including typhoid fever 16, measles 1, scarlet fever 3, diphtheria 14, tuberculosis 68.

Week ended November 12, 1910. Total number of deaths from all causes 750, including typhoid fever 9, measles 1, scarlet fever 3, diphtheria 16, tuberculosis 87.

Week ended November 19, 1910. Population of reporting towns 2,578,518. Total number of deaths from all causes 696, including typhoid fever 8, scarlet fever 2, diphtheria 4, tuberculosis 54.

Week ended November 26, 1910. Population of reporting towns 2,581,344. Total number of deaths from all causes 716, including typhoid fever 12, scarlet fever 1, measles 1, diphtheria 8, tuberculosis 63.

Morbidity.—During the month of November, 1910, cases of communicable diseases were reported as follows: Typhoid fever 300, measles 354, scarlet fever 451, diphtheria 613, tuberculosis 442.

NEW JERSEY.—Month of December, 1910. Population 1,183,699. Total number of deaths from all causes 2,977, including typhoid fever 38, measles 11, scarlet fever 8, diphtheria 81, tuberculosis 333.

PENNSYLVANIA.—Reports from the State department of health show as follows:

Mortality.—Month of September, 1910. The total number of deaths reported was 9,453, including typhoid fever 272, scarlet fever 55, diphtheria 156, measles 41, whooping cough 126, influenza 18, malarial fever 13, tuberculosis of the lungs 616, tuberculosis of other organs 122, cancer 412, diabetes 43, meningitis 49, infantile paralysis 64, pneumonia 437, diarrhea and enteritis under 2 years 1,499, diarrhea and enteritis over 2 years 237, Bright's disease 415, early infancy 776, suicide 79, accidents in mines and quarries 94, railway injuries 131, other forms of violence 468, all other diseases 3,330.

Morbidity.—Month of October, 1910. Cases of communicable diseases were reported as follows: Anterior poliomyelitis 197, anthrax 1, cerebrospinal meningitis 5, chicken pox 311, diphtheria 1,666, epidemic dysentery 2, erysipelas 71, German measles 7, hydrophobia 1, malarial fever 16, measles 793, mumps 103, pneumonia 338, puerperal fever 4, scarlet fever 724, tetanus 12, trachoma 12, tuberculosis 1,259, typhoid fever 2,310, whooping cough 754. Total, 8,586.

UTAH.—Month of November, 1910. Population, 346,873. Total number of deaths from all causes 337, including typhoid fever 16,

scarlet fever 4, diphtheria 11, tuberculosis 8. Cases reported: Typhoid fever 155, smallpox 91, measles 30, scarlet fever 293, diphtheria 116, tuberculosis 5.

VIRGINIA—*Petersburg*.—Month of December, 1910. Total number of deaths from all causes 50, including tuberculosis 10. Cases reported: Typhoid fever 1, diphtheria 9, tuberculosis 4.

BERIBERI ON STEAMSHIP

WASHINGTON—*Seattle*.—Dr. Elmer H. Heg, commissioner of health, reports December 30, 1910, the occurrence of 8 cases of beriberi on the steamship *Beachy* among Hindu and Lascar firemen shipped at Singapore in January, 1910. Two of the cases ended fatally. The diet of the patients had consisted largely of polished rice.

FOREIGN AND INSULAR

BULGARIA

Cholera at Varna

Consul General Harvey, at Bucharest, Roumania, reported November 29 to the Department of State:

Information received November 25 from the Bulgarian foreign office shows the occurrence at Varna of two fatal cases of cholera on November 14 and 15, respectively. These cases occurred among a group of passengers who arrived at Varna from Constantinople on the steamship *La Bulgarie*. The tavern in which these passengers lodged and in which the cholera deaths occurred was immediately vacated and all the inmates were removed to hospital, where they were isolated and held under observation. A third case of cholera occurred in the same group November 18.

Later official information shows that the cholera bacillus was found in the feces of two members of the group of persons among whom the cholera cases developed.

According to advices contained in the official publication of the imperial bureau of health at Berlin issued December 14, 1910, the third case of cholera which occurred at Varna ended fatally November 28. Varna was declared free from cholera December 1, 1910.

ECUADOR

Guayaquil—Plague and Yellow Fever

Passed Asst. Surg. Parker reports December 19:

Information for the period from December 1 to 15, 1910, received from the director of health, shows 43 new cases of plague with 18 deaths, and 12 new cases of yellow fever with 7 deaths.

GIBRALTAR

Quarantine against Madeira Islands

Consul Sprague forwarded the following notice December 8:

It has been decided by the board of health that vessels which have communicated with the Madeira Islands shall not be given pratique unless they have been more than 7 days out, have had no case of cholera on board either before departure or during the voyage, and have good health on board on arrival.

HAWAII

Record of Plague Infection

Last case of human plague at Honolulu occurred July 12, 1910.

The last plague-infected rat was found at Aiea, 9 miles from Honolulu, April 12, 1910.

At Hilo the last case of human plague occurred March 23, 1910. A fatal case occurred at Honokaa, 60 miles from Hilo, December 17, 1910.

The last plague-infected rat was found at Piihuona, 4 miles from Hilo, April 9, 1910.

Passed Asst. Surg. Ramus reports in regard to plague-prevention work, December 12 and 19:

HONOLULU

Week ended December 10, 1910

Total rats and mongoose taken.....	866
Rats trapped.....	767
Mongoose trapped.....	16
Rats found dead.....	0
Rats shot from trees.....	83
Examined bacteriologically.....	741
Plague-infected rats found.....	0
Classification of rats trapped:	
<i>Mus alexandrinus</i>	131
<i>Mus musculus</i>	258
<i>Mus norvegicus</i>	67
<i>Mus rattus</i>	311
Classification of rats shot from trees:	
<i>Mus alexandrinus</i>	28
<i>Mus norvegicus</i>	10
<i>Mus rattus</i>	35
Average number of traps set daily.....	1,720

Week ended December 17, 1910

Total rats and mongoose taken.....	742
Rats trapped.....	730
Mongoose trapped.....	12
Rats found dead.....	0
Examined bacteriologically.....	628
Plague-infected rats found.....	0
Classification of rats trapped:	
<i>Mus alexandrinus</i>	86
<i>Mus musculus</i>	225
<i>Mus norvegicus</i>	62
<i>Mus rattus</i>	335
Average number of traps set daily.....	1,720

SMALLPOX AT PUENE, MAUI

Doctor Ramus reports, January 9, the occurrence of 6 additional cases of smallpox among Filipinos in the detention camp at Puene, Maui.

INDIA

Calcutta—Cholera and Plague

Acting Asst. Surg. Allan reports December 8:

During the week ended November 19 there were reported 28 deaths from cholera and 10 from plague in Calcutta; in all Bengal, 489 cases of plague with 358 deaths; in all India, 7,932 cases of plague with 6,106 deaths.

ITALY

Status of Cholera

Surg. Geddings at Naples reports December 19:

During the week ended December 17 cholera was reported in Italy as follows:

Province	Cases	Deaths
Aquila.....	2	1
Lecce.....	14	1
Rome.....	1	0
Salerno.....	6	0
Caserta.....	7	2
Palermo (Palermo insane asylum).....	5	1
Total.....	35	5

Doctor Geddings reported, January 11:

During the week ended January 6 there were reported for all Italy 41 cases of cholera with 4 deaths.

NAPLES—Examination of Emigrants—Smallpox

Dr. Geddings further reports:

Vessels inspected at Naples and Palermo week ended December 17.

NAPLES

Date	Name of ship	Destination	Steerage passengers inspected and passed	Pieces of baggage inspected and passed	Pieces of baggage disinfected
Dec. 14 14	Germania.....	New York.....	150	25	180
	Calabria.....	do.....	267	40	360
	Total.....		417	65	540

PALERMO

Dec. 15	Calabria.....	New York.....	261	375	150
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Rejections recommended

NAPLES

Date	Name of ship	Tra-choma	Favus	Suspected tra-choma	Other causes	Total
Dec. 14 14	Germania.....	5	3	2	1	11
	Calabria.....	8		5	4	17
	Total.....	13	3	7	5	28

PALERMO

Dec. 15	Calabria.....	15		20	7	42
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Smallpox in Naples.—During the week ended December 17 there were reported at the health office of the city of Naples 10 cases of smallpox with 2 deaths.

JAPAN

[Statistics of Cholera Epidemic—Typhoid Fever]

Surg. Irwin at Yokohama reports December 14, 1910: The following information was received from the sanitary bureau through the American embassy:

Statistics of cholera epidemic from beginning of outbreak to November 30, 1910

Prefectures	Cases	Deaths
Tokyo-fu.....	1	1
Kyoto-fu.....	143	119
Osaka-fu.....	951	692
Hyogo-ken.....	607	396
Nagasaki-ken.....	26	11
Nara-ken.....	31	23
Miye-ken.....	8	5
Aichi-ken.....	3	3
Shiga-ken.....	7	6
Shimane-ken.....	7	5
Okayama-ken.....	71	49
Hiroshima-ken.....	58	30
Yamaguchi-ken.....	41	29
Wakayama-ken.....	57	44
Tokushima-ken.....	59	37
Kagawa-ken.....	293	201
Ehime-ken.....	27	19
Kochi-ken.....	70	42
Fukuoka-ken.....	234	165
Oita-ken.....	2	1
Saga-ken.....	51	31
Kumamoto-ken.....	19	11
Kagoshima-ken.....	4	3
Total.....	2,770	1,922

Average case mortality rate, 69.42 per cent.

Surg. Irwin further reports:

Cholera was reported present in Formosa December 1, with 8 cases and 8 deaths.

In Kanagawa-ken typhoid fever was reported present December 7, with 1,025 cases. Population, 776,685.

MANCHURIA

MUKDEN—Plague

Information received from the Department of State January 7 shows plague present at Mukden, Chang Chun, and Kirin, as reported by Consul Fisher at Mukden.

PERU

Status of Plague

Acting Asst. Surg. Castro-Gutierrez at Callao reports December 19: The following statement of plague conditions in Peru was received from the director of public health.

November 27–December 10, 1910

Localities	Cases remaining Nov. 27	New cases	Recovered	Died	Remaining
Lima.....	.....	1	.....	.....	1
Callao.....	1	.....	1	.....	.....

Three cases of plague are reported at Mollendo in the lazaretto. Plague continues to spread in the Chicama Valley, near Truxillo.

Bills of health from ports south of Callao show 9 cases of smallpox at Talcahuano, Chile, as occurring during the two weeks preceding the date of the bill (Dec. 3) and at Valparaiso 117 cases of smallpox in the two weeks preceding December 7.

RUSSIA

LIBAU—Smallpox—Examination of Emigrants

Acting Asst. Surg. De Forest reports December 19:

From December 5 to 11 there was reported 1 case of smallpox, with 1 death. One case was present December 19.

The steamship *Kursk* sailed for New York December 17 with 109 cabin and 537 steerage passengers and a crew of 125 members. All had been in Libau for the full 5 days under observation and had been vaccinated before embarkation. No quarantinable disease was found among them.

ZANZIBAR

ZANZIBAR—Smallpox—Examination of Rats for Plague Infection

Consul Weddell reports November 17 and 28 and December 2:

From the beginning of the smallpox outbreak, June 8, 1910, to November 30, there have been reported 220 cases, with 113 deaths. The total number of persons vaccinated during the same period is 29,354.

During the three weeks ended November 30 there were collected and examined for plague infection 3,493 rats. No plague-infected rats were found.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX

Reports Received During Week Ended January 13, 1911

[These tables include cases and deaths recorded in reports received by the Surgeon General, Public Health and Marine-Hospital Service, from American consuls through the Department of State and from other sources.]

CHOLERA

Place	Date	Cases	Deaths	Remarks
Arabia:				
Maskat.....	Nov. 27-Nov. 30..	3	3	
Austria-Hungary.....	Aug. 3-Nov. 7.....			Two deaths not previously reported.
Mären.....	Oct. 1-9.....	3		
Hungary.....				Total for Hungary, Nov. 27-Dec. 3: Cases, 2; deaths, 2.
Bulgaria:				
Varna.....	Nov. 29.....	2		From steamship <i>Bulgarie</i> , 3 fatal cases having been reported on p. 1936, Vol. XXV.
China:				
Niuchwang.....	Aug. 1-Nov. 22.....			Occasional cases.
Shanghai.....	Aug. 1-31.....		1	Reported out of date.
Italy.....				Total for Italy, Dec. 27-Jan. 6: Cases, 41; deaths, 4.
Provinces—				
Aquila.....	Dec. 11-17.....	2	1	
Lecce.....	Dec. 11-17.....	14	1	
Rome.....	Dec. 11-17.....	1		
Salerno.....	Dec. 11-17.....	6		
Caserta.....	Dec. 11-17.....	7	2	
Palermo—				
Insane asylum.....	Dec. 11-17.....	5	1	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued

Reports Received During Week Ended January 13, 1911

CHOLERA—Continued

Place	Date	Cases	Deaths	Remarks
India:				
Bombay.....	Nov. 23-Dec. 6.....	.....	4	
Calcutta.....	Nov. 13-19.....	.....	28	
Madras.....	Nov. 27-Dec. 3.....	.....	1	
Japan:				
Formosa.....	Nov. 20-26.....	9	4	In Kelung and Taihoku.
Java:				
Batavia.....	Nov. 20-26.....	5	1	
Samarang.....	Oct. 11-31.....	141	122	
Soerabaya.....	Oct. 30-Nov. 5.....	5	4	
Tripoli:				
Tripoli.....	Nov. 15-Dec. 1.....	37	36	
Turkey:				
Saloniki.....	Nov. 20-26.....	5	1	
Turkey in Asia:				
Smyrna.....	Nov. 20-Dec. 16...	66	49	

YELLOW FEVER

Brazil:				
Manaos.....	Dec. 4-17.....	.....	5	
Ecuador:				
Guayaquil.....	Dec. 1-15.....	12	7	
Venezuela:				
Maquetia.....	Nov. 29.....	1	.....

PLAGUE

Ecuador:				
Guayaquil.....	Dec. 1-15.....	43	18	
India:				
Bombay.....	Nov. 23-Dec. 6.....	.....	17	
Calcutta.....	Dec. 13-19.....	.....	10	
Kurrachee.....	Nov. 19-Dec. 3.....	9	8	
Rangoon.....	Nov. 20-26.....	.....	3	
Manchuria:				
Chang Chuen.....	Dec. 7.....	.....	.....	Present.
Kirin.....	Dec. 7.....	.....	.....	Do.
Mukden.....	Dec. 7.....	.....	.....	Do.
Mauritius:				
New Caledonia:				
Noumea.....	Sept. 17.....	149	87	Do. ¹
Peru.....				Dec. 10, still present in Chicama Valley, near Truxillo.
Lima.....	Nov. 27-Dec. 10...	1	.....
Mollendo.....	Dec. 13.....	.....	.....	Three cases in the lazaretto.
Russia:				
Astrakhan Government—				
Kirgis Steppe.....	Dec. 17.....	21	17	
Baku.....	Dec. 17.....	1	1	
Batum.....	Dec. 17.....	1	1	
Venezuela:				
Caracas.....	Nov. 9.....	.....	.....	Present.

SMALLPOX }

Argentina:				
Buenos Aires.....	Oct. 1-31.....	.....	6	
Rosario.....	Oct. 1-31.....	.....	5	
Canada:				
British Columbia—				
Victoria.....	Dec. 18-24.....	1	.....
New Brunswick—				
Newcastle.....	Dec. 24-31.....	3	.....
Nova Scotia—				
Louisburg.....	Dec. 25-31.....	4	.....
Ontario—				
Ottawa.....	Dec. 25-31.....	2	.....
Chile:				
Talcahuano.....	Nov. 27-Dec. 3.....	4	.....

¹ Bulletin Sanitaire de l'Algerie, Nov. 15 1910.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued

Reports Received During Week Ended January 13, 1911

SMALLPOX—Continued

Place	Date	Cases	Deaths	Remarks
China:				
Chungking.....	Nov. 13-19.....			Present. Do. Deaths among natives.
Nanking.....	Nov. 20-Dec. 3.....			
Shanghai.....	Nov. 21-Dec. 4.....	5	15	
Colombo:				
Ceylon.....	Nov. 20-26.....	5	1	
Egypt:				
Alexandria.....	Nov. 1-30.....		1	
Cairo.....	Dec. 3-9.....	1		
France:				
Paris.....	Dec. 3-17.....	10		
Hawaii:				
Puunene, Maui.....	Jan. 9.....	6		
India:				
Madras.....	Nov. 27-Dec. 3.....	5	2	
Rangoon.....	Nov. 20-26.....		3	
Italy:				
Naples.....	Dec. 11-17.....	10	2	
Portugal:				
Lisbon.....	Dec. 11-17.....	21		
Malta:				
Valetta.....	Dec. 4-10.....	1		
Manchuria:				
Dalny.....	Nov. 27-Dec. 3.....	1		
Mexico:				
Monterey.....	Dec. 19-25.....		1	
San Luis Potosi.....	Nov. 13-Dec. 3.....	14	6	
Russia:				
Libau.....	Dec. 12-18.....	1	1	
Riga.....	Dec. 11-17.....	5		
Spain:				
Valencia.....	Nov. 27-Dec. 3.....	1		
Straits Settlements:				
Penang.....	Nov. 13-26.....	83	20	
Turkey in Asia:				
Beirut.....	Dec. 4-10.....	2		
Uruguay:				
Montevideo.....	Oct. 1-31.....	4	1	
Zanzibar:				
Zanzibar.....	Nov. 21-27.....	9	5	

Reports Received from December 31, 1910, to January 6, 1911

[For reports received from June 25, 1910, to Dec. 30, 1910, see PUBLIC HEALTH REPORTS for Dec. 30, 1910. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

CHOLERA

Place	Date	Cases	Deaths	Remarks
Arabia:				
Mascot.....	Nov. 20-26.....	4	4	
Italy:				
Provinces—				
Aquila.....	Dec. 4-10.....	2		
Caltanissetta.....	Dec. 4-10.....	1		
Caserta.....	Dec. 4-10.....	4		
Rome.....	Dec. 4-10.....	7	6	
Palermo—				
Palermo.....	Dec. 4-10.....	16	6	
Insane asylum.....	Dec. 4-10.....	13	4	
Japan:				
Osaka.....	Nov. 20-25.....	2		
Java:				
Batavia.....	Nov. 13-19.....	5	1	Among natives.
Samarang.....	Sept. 11-Oct. 10.....	301	249	
Soerabaya.....	Oct. 23-29.....	3	3	
Korea:				
Seoul.....	Oct. 26-Nov. 5.....	1	1	
Madeira:				
Funchal.....	Nov. 30-Dec. 8.....	126	36	
Camara dos Lobos.....	Nov. 16-Dec. 8.....	112	32	
Ponto do Sol.....	Nov. 16-Dec. 8.....	54	20	
Santa Cruz.....	Nov. 16-Dec. 8.....	15	8	
Machico.....	Nov. 16-Dec. 8.....	31	5	
Porto Santo Island.....	Nov. 16-Dec. 8.....	7	3	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued

Reports Received from December 31, 1910, to January 6, 1911

CHOLERA—Continued

Place	Date	Cases	Deaths	Remarks
Russia:				
Baku, government.....				Total for Russia, Nov. 20-Dec 3: cases, 337; deaths, 180.
Baku.....	Nov. 6-19.....	1		
Don, territory.....	Nov. 6-19.....	6	2	
Erivan, government.....	Nov. 6-19.....	3	2	
Ferghana, territory.....	Nov. 6-19.....	6	6	
Kharkov, government.....	Nov. 6-12.....	2		
Kazan, government.....	Nov. 6-12.....	1		
Kherson, government.....	Nov. 6-19.....	3	1	
Kief, government.....	Nov. 6-19.....	23	8	
Kuban, territory.....	Nov. 6-13.....	4	4	
Mohilev, government.....	Nov. 6-19.....	2	1	
Orenburg, government.....	Nov. 13-19.....	1	1	
Oufa, government.....	Nov. 6-12.....	2	1	
Podolia, government.....	Nov. 13-19.....	3	1	
Rjasan, government.....	Nov. 6-12.....	2		
St. Petersburg, government.....	Nov. 6-12.....	2		
St. Petersburg.....	Nov. 6-19.....	14	9	
Samara, government.....	Nov. 6-19.....	6		
Saratov, government.....	Nov. 13-19.....	6	6	
Siberia, eastern.....	Nov. 6-19.....	12	3	
Syr Darya, territory.....	Nov. 6-19.....	7	4	
Taurida, government:				
Sebastopol.....	Nov. 13-19.....	2	1	
Tambov, government.....	Nov. 13-19.....	60	25	
Tiflis, government.....	Nov. 6-12.....	1		
Vitebsk, government.....	Nov. 6-19.....	3	2	
Veronesch, government.....	Nov. 6-12.....	2		
Yekaterinoslav, government.....	Nov. 6-19.....	12	5	
Sumatra:				
Blagmoeti.....	Nov. 14.....			Present.
Pengoelodjahar.....	Nov. 14.....			Do.
Turkey:				
Saloniki.....	Dec. 10.....	8	3	Mainly among troops.

YELLOW FEVER

Brazil:				
Para.....	Nov. 27-Dec. 10...	69	26	
Ecuador:				
Guayaquil.....	Nov. 1-30.....	18	8	
Venezuela:				
Caracas.....	Nov. 22-Dec. 3.....		5	
La Guaira.....	Dec. 1-15.....	1	1	
Macuto.....	Dec. 1-7.....	1		

PLAGUE

Brazil:				
Pernambuco.....	July 1-Oct. 15.....		12	
Rio de Janeiro.....	Nov. 1-27.....	12	5	
Ecuador:				
Guayaquil.....	Nov. 1-30.....	104	45	
Hondo-China:				
Saigon.....	Nov. 14-20.....	1	1	
Manchuria:				
Buhedu.....	Oct. 30.....	3	3	Chinese.
Fuchiatien.....	Nov. 23.....		16	
Turtchiha.....	Oct. 30.....	4	4	
Peru:				
Arequipa Department—				
Mollendo.....				Nov. 16-29: Cases, 3; death, 1.
Callao Department:				
Callao.....				Nov. 13-26: 1 case.
Russia:				
Kirgis Steppe.....	Oct. 13-30.....	5	5	
Odessa.....	Nov. 26-Dec. 9.....		1	
Straits Settlements:				
Singapore.....	Nov. 13-19.....	1		

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued

December 31, 1910, to January 6, 1911

SMALLPOX

Place	Date	Cases	Deaths	Remarks
Abyssinia:				
Adis Ababa.....	Nov. 20-26.....			Present.
Brazil:				
Para.....	Nov. 27-Dec. 10....	12	2	
Pernambuco.....	July 1-Oct. 31.....		573	
Rio de Janeiro.....	Nov. 14-27.....	3		
Canada:				
British Columbia—				
Victoria.....	Dec. 11-17.....	2		
New Brunswick—				
Newcastle.....	Dec. 18-24.....	3		
Ontario—				
Ottawa.....	Dec. 18-24.....	1		
Ceylon:				
Colombo.....	Nov. 13-19.....	9	4	
Chile:				
Iquique.....	Nov. 13-19.....		1	
Talcahuano.....	Nov. 13-26.....	12		
Valparaiso.....	Nov. 20-Dec. 3....	217		
Germany.....				Total for Germany, Dec. 4-17: Cases 5.
Hawaii:				
Honolulu.....	Jan. 3.....	3		
Puene, Maui.....	Jan. 4.....	10		On s. s. Kiho from Manzanillo
India:				
Calcutta.....	Nov. 6-12.....		1	
Madras.....	Nov. 20-26.....		1	
Indo-China:				
Saigon.....	Nov. 14-20.....	4	2	
Italy:				
Naples.....	Dec. 4-10.....	6		
Portugal:				
Lisbon.....	Dec. 3-10.....	30		Deaths, Oct. 30-Nov. 5, 10.
Russia:				
Libau.....	Dec. 5-11.....	1	1	
Moscow.....	Nov. 13-Dec. 3....	13	5	
Odesa.....	Nov. 20-26.....	41	8	
St. Petersburg.....	Nov. 13-Dec. 3....	82	24	
Warsaw.....	Oct. 9-29.....		9	
Spain:				
Barcelona.....	Dec. 5-11.....		1	
Madrid.....	Nov. 1-30.....		6	
Straits Settlements:				
Penang.....	Nov. 6-12.....	50	18	
Singapore.....	Nov. 13-19.....	4	1	
Zanzibar:				
Zanzibar.....	Oct. 31-Nov. 20...	22	16	

MORTALITY

WEEKLY MORTALITY TABLE, FOREIGN AND INSULAR CITIES

Cities	Week ended—	Estimated population	Total deaths from all causes	Deaths from—								
				Tuberculosis	Plague	Cholera	Yellow fever	Smallpox	Typhus fever	Typhoid fever	Scarlet fever	Diphtheria
Aguascalientes.....	Dec. 11-24	40,000	89	2				10	4			
Asuncion, Paraguay...	Nov. 26	75,000	19	2					1			
Athens.....	Dec. 20	175,430	46	9					1			
Barcelona.....	Dec. 18	591,272	268	16					14			8
Batavia.....	Nov. 26	217,630				1						
Beirut.....	Dec. 10	80,000	18						1			
Belfast.....	Dec. 17	391,187	133	19						2		3
Belgrade.....	do.....	80,000	42						1	2		

MORTALITY—Continued

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	Typhoid fever	Scarlet fever	Diphtheria	Measles	Whooping cough
Bombay.....	Nov. 29	977,822	591	49	9	1				1			7	
Do.....	Dec. 6		637	52	8	3			4				13	
Bradford.....	Dec. 17	295,865	84	1							1			1
Bremen.....	Dec. 10	246,827	85	12										
Budapest.....	do.....	950,610							3	6		1	1	
Cairo.....	Dec. 2	682,593	370	27					2			16	1	
Do.....	Dec. 9		370	28					2	3	1	6	3	
Calcutta.....	Nov. 19	847,796	487		10	28								
Canton.....	do.....	1,000,000	125	10						3		2		
Catania.....	Dec. 18	210,000	69	5							1			
Chemnitz.....	Dec. 10	286,455	88	9								1	1	
Christiana.....	Dec. 17	245,000	44	8								1	1	1
Coburg.....	Dec. 10	23,125	10									1		
Cologne.....	do.....	515,579	166	23							1	2	3	2
Colombo.....	Nov. 26	187,554	120	23				1		4				
Constantinople.....	Dec. 18	1,000,000	452	46		107			11	3	1	5	4	1
Dresden.....	Dec. 3	546,582	185	22					1			3		
Do.....	Dec. 10		163	9						1		2		
Göthenberg.....	Dec. 17	164,000	43	8										
Havre.....	do.....	132,430	58	14						2		1	2	2
Hull.....	do.....	280,006	67											
Karachi.....	Dec. 3	130,000	81		6									
Kingston.....	Dec. 10	45,504								1				
Do.....	Dec. 17								2					
Königsberg.....	Dec. 10	249,308	93	11							1			4
Leipzig.....	do.....	585,743	165	14						4		4	10	2
Do.....	Dec. 17		178	12					1	2		3	1	
Libau.....	Dec. 18	90,000						1		2			1	
Liege.....	Dec. 10	176,796	61	4									1	
London.....	Dec. 17	7,537,196	2,041						11	6	22	88	21	
Madras.....	Dec. 3	550,000	463					2						
Magdeburg.....	do.....	279,644	116	7								2		
Do.....	Dec. 10		117	13										
Manaos.....	do.....	52,000	29	1			1							
Do.....	Dec. 17		28	3			4							
Mannheim.....	Dec. 3	198,604	34	1							1	1		
Maskat.....	do.....	10,000				3								
Moncton.....	Dec. 24	13,500	4								1			
Monterey.....	Dec. 25	100,000	43	3				1		1		1	1	
Montreal.....	Dec. 31	267,710	173	12					1		1	9	1	
Munich.....	Dec. 17	595,000	211	26					1			12	1	
Newcastle-on-Tyne.....	do.....	285,891	124	6					1		1	3	3	
Nueva Laredo.....	Dec. 31	9,000	6						1					
Ottawa.....	do.....	86,000	28	1					1					
Palermo.....	Dec. 17	340,000	132	5		6			2	4				
Paris.....	Dec. 10	2,776,394	872	161					4	1	8			2
Do.....	Dec. 17		830	161					2		5	2	3	
Piræus.....	Dec. 13	74,580	15	7					4					
Do.....	Dec. 17		32	9					1					
Port Said.....	Dec. 9	52,811	21								1			
Prague.....	Dec. 10	235,556	81	13										
Penang.....	Nov. 19	103,582	84	15				12				1		
Do.....	Nov. 26		79	18				8						
Port Elizabeth.....	Dec. 3	32,248	10	1					1					
Quebec.....	Dec. 31	85,000	2						1					
Shanghai.....	Nov. 27	565,000	115	3				8			1			
Do.....	Dec. 4		123	13				7						
Yokohama.....	Dec. 12	407,432							1		1			

MORTALITY—FOREIGN AND INSULAR—COUNTRIES AND CITIES
(untabulated)

ALGERIA—*Algiers*.—Month of November, 1910. Population, 157,000. Total number of deaths from all causes 296, including diphtheria 2, tuberculosis 40.

ARGENTINA—*Buenos Aires*.—Month of October, 1910. Population, 1,288,980. Total number of deaths from all causes 1,850, including typhoid fever 7, smallpox 6, measles 8, scarlet fever 7, diphtheria 21, tuberculosis 209.

Rosario.—Month of October, 1910. Population, 197,135. Total number of deaths from all causes 443, including typhoid fever 4, smallpox 5, measles 1, scarlet fever 1, diphtheria 8, tuberculosis 36.

BRAZIL—*Rio de Janeiro*.—November 1–27, 1910. Population, 850,000. Total number of deaths from all causes 1,348, including measles 32, diphtheria 3, plague 5, tuberculosis 331.

EGYPT—*Alexandria*.—Month of November, 1910. Population, 420,000. Total number of deaths from all causes 800, including typhoid fever 9, smallpox 1, plague 1, diphtheria 8, tuberculosis 67.

FRANCE—*Calais*.—Month of November, 1910. Population, 80,000. Total number of deaths from all causes 91, including typhoid fever 1, tuberculosis 15.

St. Etienne.—December 1–15, 1910. Population, 150,000. Total number of deaths from all causes 118, including diphtheria 1, tuberculosis 18.

GREAT BRITAIN.—Week ended December 3, 1910.

England and Wales.—The deaths registered in 77 great towns correspond to an annual rate of 18.1 per 1,000 of the population, which is estimated at 16,940,895.

Ireland.—The deaths registered in 21 principal town districts correspond to an annual rate of 18.1 per 1,000 of the population, which is estimated at 1,151,790. The lowest rate was recorded at Sligo, viz, 4.8 and the highest at Lurgan, viz, 44.3 per 1,000 of the population.

Scotland.—The deaths registered in 8 principal towns correspond to an annual rate of 17.5 per 1,000 of the population, which is estimated at 1,891,936. The lowest rate was recorded at Aberdeen, viz, 11.2, and the highest at Leith, viz, 22.2 per 1,000. The total number of deaths from all causes was 633, including typhoid fever 2, measles 2, scarlet fever 5, diphtheria 11.

SPAIN—*Huelva*.—Month of October, 1910. Population, 24,000. Total number of deaths from all causes 67, including typhoid fever 3, tuberculosis 8. Month of November, 1910. Total number of deaths 65, including typhoid fever 2, diphtheria 2, tuberculosis 6.

VENEZUELA—*La Guaira*.—December 1–15, 1910. Population, 10,000. Total number of deaths from all causes 19, including yellow fever 1, tuberculosis 1.

By authority of the Secretary of the Treasury:

WALTER WYMAN,

Surgeon General,

United States Public Health and Marine-Hospital Service.