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UNITED STATES

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

PLAGUE-PREVENTION WORK

INFECTED GROUND SQUIRRELS

During the week ended December 31, 1910, the finding of 2 plague-infected ground squirrels was reported. The squirrels were found in Alameda County, Cal., 1 on December 21 at G. Enos ranch, 4½ miles northeast of Haywards, and 1 December 22 at M. J. Harlan ranch, 5½ miles northeast of Haywards.

DISTRIBUTION OF POISON

In connection with the making of a squirrel-free zone around the cities in California on San Francisco Bay, 205 acres of land in Alameda County were covered with poison during the week ended December 31, 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. 28, 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. 22, 1910.....	87 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

Place	Week ended—	Found dead	Total collected	Examined	Found infected
California:					
Cities—					
Berkeley.....	Dec. 31	0	1 62	36	.....
Oakland.....	do.	45	3 507	387	.....
San Francisco.....	do.	20	3 1,589	1,148	.....
Counties—					
San Joaquin.....	do.	0	4 66	51	.....
Washington:					
Cities—					
Seattle.....	Dec. 1-31	0	3,683	3,291	.....
Total.....		65	5,907	4,913	.....

¹ Identified, *Mus norvegicus* 36, *Mus musculus* 26.

² Identified, *Mus norvegicus* 430, *Mus rattus* 1, *Mus musculus* 75, *Mus alexandrinus* 1.

³ Identified, *Mus norvegicus* 907, *Mus rattus* 195, *Mus musculus* 351, *Mus alexandrinus* 136.

⁴ Identified, *Mus musculus* 66.

Squirrels Collected and Examined for Plague Infection

Place	Week ended—	Trapped and shot	Found dead	Examined	Found infected
California:					
Counties—					
Alameda.....	Dec. 31	253	1	254	2
Fresno.....	do.	26	.....	26	.....
Mariposa.....	do.	27	.....	27	.....
Merced.....	do.	82	.....	82	.....
Monterey.....	do.	193	.....	193	.....
San Joaquin.....	do.	46	3	49	.....
San Luis Obispo.....	do.	109	.....	109	.....
Santa Clara.....	do.	66	.....	66	.....
Stanislaus.....	do.	6	.....	6	.....
Total.....		808	4	812	2

Other Animals Collected and Examined

Place	Week ended—	Animals collected	Examined	Found infected
California:				
Counties—				
Mariposa.....	Dec. 31	1 kangaroo rat....	1	.....
Total.....			1	.....

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 20, 1911

Place	Date	Cases	Deaths	Remarks
Connecticut.....	Dec. 1-31.....			No cases.
Florida:				
Alachua County.....	Jan. 1-7.....	12		
Duval County.....	Jan. 1-7.....	2	1	
Escambia County.....	Jan. 1-7.....	2		
Hillsboro County.....	Jan. 1-7.....	5		
Leon County.....	Jan. 1-7.....	4		
Total for State.....		25	1	
Iowa:				
Buena Vista County.....	Dec. 1-31.....	1		
Lee County.....	Dec. 1-31.....	1		
Linn County.....	Dec. 1-31.....	18		
Lyon County.....	Dec. 1-31.....	3		
Marshall County.....	Dec. 1-31.....	1		
Page County.....	Dec. 1-31.....	19	1	
Polk County.....	Dec. 1-31.....	3		
Scott County.....	Dec. 1-31.....	1		
Taylor County.....	Dec. 1-31.....	64		
Warren County.....	Dec. 1-31.....	1		
Webster County.....	Dec. 1-31.....	10		
Woodbury County.....	Dec. 1-31.....	4		
Total for State.....		126	1	
* Louisiana:				
New Orleans.....	Jan. 1-7.....	9		
Massachusetts.....	Dec. 1-31.....			No cases.
Michigan:				
Alcona County.....	Dec. 1-31.....	1		
Alger County.....	Dec. 1-31.....	1		
Arenac County.....	Dec. 1-31.....	5		
Bay County.....	Dec. 1-31.....	1		
Calhoun County.....	Dec. 1-31.....	8		
Charlevoix County.....	Dec. 1-31.....	1		
Cheboygan County.....	Dec. 1-31.....	17		
Clinton County.....	Dec. 1-31.....	3		
Crawford County.....	Dec. 1-31.....	4		
Eaton County.....	Dec. 1-31.....	3		
Genesee County.....	Dec. 1-31.....	4		
Gladwin County.....	Dec. 1-31.....		1	Case reported in November.
Grand Traverse County.....	Dec. 1-31.....	1		
Gratiot County.....	Dec. 1-31.....	1		
Ingham County.....	Dec. 1-31.....	2		
Isabella County.....	Dec. 1-31.....	1		
Kalamazoo County.....	Dec. 1-31.....	5		
Keweenaw County.....	Dec. 1-31.....	7		
Lake County.....	Dec. 1-31.....	3		
Lapeer County.....	Dec. 1-31.....	1		
Marquette County.....	Dec. 1-31.....	7		
Midland County.....	Dec. 1-31.....	3		
Missaukee County.....	Dec. 1-31.....	2		
Monroe County.....	Dec. 1-31.....	2		
Presque Isle County.....	Dec. 1-31.....	1		
Saginaw County.....	Dec. 1-31.....	3	3	
St. Clair County.....	Dec. 1-31.....	1		
Washtenaw County.....	Dec. 1-31.....	2		
Wayne County.....	Dec. 1-31.....	1		
Wexford County.....	Dec. 1-31.....	5		
Total for State.....		97	4	
* Missouri:				
St. Louis.....	Jan. 1-7.....	2		
North Carolina:				
Bladen County.....	Nov. 1-30.....	1		
Carteret County.....	Nov. 1-30.....	2		
Columbus County.....	Nov. 1-30.....	23		
Cumberland County.....	Nov. 1-30.....	9		
Durham County.....	Nov. 1-30.....	40		
Edgecombe County.....	Nov. 1-30.....	4		
Franklin County.....	Nov. 1-30.....	1		
Martin County.....	Nov. 1-30.....	7		
Nash County.....	Nov. 1-30.....	6		
New Hanover County.....	Nov. 1-30.....	86		
Pasquotank County.....	Nov. 1-30.....	1		
Pender County.....	Nov. 1-30.....	12		

SMALLPOX IN THE UNITED STATES—Continued

Reports Received During Week ended January 20, 1911

Place	Date	Cases	Deaths	Remarks
North Carolina—Continued.				
Pitt County.....	Nov. 1-30.....	10	.....
Robeson County.....	Nov. 1-30.....	40	.....
Union County.....	Nov. 1-30.....	1	.....
Wake County.....	Nov. 1-30.....	1	.....
Total for State.....		244	.....
North Dakota:				
Cass County.....	Dec. 1-31.....	1	.....
Morton County.....	Dec. 1-31.....	1	.....
Steele County.....	Dec. 1, 31.....	5	.....
Total for State.....		7	.....
* Tennessee				
Davidson County—				
Nashville.....	Jan. 8-14.....	1	.....
Hamilton County—				
Chattanooga.....	Jan. 1-7.....	2	.....
Total for State.....		3	.....
Washington:				
Skagit County.....	Nov. 1-30.....	40	.....
Spokane County.....	Nov. 1-30.....	1	.....
Total for State.....		41	.....

Reports Received from December 31, 1910, to January 13, 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. 11-31.....	3	.....
Total for State.....		3	.....
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	.....

SMALLPOX IN THE UNITED STATES—Continued

Reports Received from December 31, 1910, to January 13, 1911

Place	Date	Cases	Deaths	Remarks
*Louisiana:				
New Orleans.....	Dec. 18-31.....	33	.....
Total for State.....		33	.....
Maine (entire State).....	Dec. 1-31.....	.....	.....	No cases.
Maryland (entire State).....	Dec. 1-31.....	.....	.....	No cases.
*Missouri:				
Kansas City.....	Nov. 1-30.....	42	.....
St. Louis.....	Dec. 18-31.....	5	.....
Total for State.....		47	.....
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	.....
New Jersey:				
Bergen County.....	Dec. 1-31.....	2	.....
Total for State.....		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	
Pennsylvania, entire State.....	Oct. 1-31.....	.....	.....	No cases.
*Tennessee:				
Shelby County.....	Nov. 1-30.....	15	.....
Total for State.....		15	.....
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	.....
*Virginia:				
Portsmouth.....	Dec. 25-31.....	5	.....
Total for State.....		5	.....

SMALLPOX IN THE UNITED STATES—Continued

Reports Received from December 31, 1910, to January 13, 1911

Place	Date	Cases	Deaths	Remarks
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	.....
Grand total for the United States.....		531	2	

MORBIDITY AND MORTALITY

MORBIDITY AND MORTALITY TABLE, CITIES OF THE UNITED STATES, FOR WEEK ENDED DECEMBER 31, 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	200	37	4	67	1	23	1	.....	.....	23	29	18	1
Boston, Mass.....	670,585	232	51	4	55	.....	33	3	.....	.....	52	22	9	.....
Chicago, Ill.....	2,185,283	669	156	15	86	3	163	13	3	.....	111	66	29	4
Cleveland, Ohio.....	560,663	164	31	7	16	.....	40	2	.....	.....	17	15	4	2
New York, N. Y.....	4,766,883	1,666	236	25	228	7	338	11	.....	.....	527	180	42	10
Philadelphia, Pa.....	1,549,008	554	76	19	187	19	60	7	1	.....	76	55	22	9
Pittsburg, Pa.....	533,905	189	18	3	12	.....	41	5	.....	.....	20	16	13	.....
St. Louis, Mo.....	687,029	255	33	1	204	3	66	2	4	.....	37	23	9	1
Cities having from 300,000 to 500,000 inhabitants														
Buffalo, N. Y.....	423,715	83	36	2	9	.....	42	4	1	.....	15	4	11	3
Cincinnati, Ohio.....	364,463	137	11	3	4	.....	20	1	1	.....	28	20	1	.....
Detroit, Mich.....	465,766	136	23	4	.....	.....	17	.....	.....	.....	.....	.....	.....	1
Los Angeles, Cal.....	319,198	122	4	2	3	.....	22	.....	.....	.....	14	27	4	.....
Milwaukee, Wis.....	373,857	.....	25	3	2	.....	43	1	1	.....	9	10	5	1
Newark, N. J.....	347,469	151	39	6	15	.....	.....	.....	.....	.....	7	16	3	1
New Orleans, La.....	339,075	161	9	.....	49	.....	15	.....	18	.....	22	18	3	.....
San Francisco, Cal.....	416,912	106	7	1	11	.....	8	.....	2	.....	34	12	5	.....
Washington, D. C.....	331,069	140	7	.....	3	.....	12	.....	.....	.....	19	16	11	1
Cities having from 200,000 to 300,000 inhabitants														
Jersey City, N. J.....	267,779	107	18	2	47	.....	14	.....	.....	.....	2	12	.....	.....
Providence, R. I.....	224,326	73	7	.....	.....	.....	13	2	.....	.....	4	9	1	.....
Seattle, Wash.....	237,194	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cities having from 100,000 to 200,000 inhabitants														
Bridgeport, Conn.....	102,054	30	1	.....	1	.....	1	.....	.....	.....	27	4	.....	.....
Cambridge, Mass.....	104,839	28	16	4	11	.....	5	.....	.....	.....	9	2	.....	1
Columbus, Ohio.....	181,548	67	1	1	2	.....	4	.....	.....	.....	9	7	.....	.....
Dayton, Ohio.....	116,577	45	2	.....	.....	.....	2	.....	.....	.....	2	3	1	.....
Fall River, Mass.....	119,295	36	6	1	.....	.....	3	.....	.....	.....	13	3	1	.....
Grand Rapids, Mich.....	112,571	38	2	.....	161	.....	10	.....	.....	.....	1	2	1	.....

MORBIDITY AND MORTALITY—Continued

Morbidity and mortality table, cities of the United States, for week ended December 31, 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 100,000 to 200,000 inhabitants—Continued														
Lowell, Mass.....	106,294	41	2	.....	1	.....	6	.....	.....	.....	6	1	1	.....
Nashville, Tenn.....	110,364	38	5	.....	32	.....	5	.....	.....	.....	1	4	.....	.....
Oakland, Cal.....	150,174	48	2	.....	.....	.....	.....	1	.....	.....	7	4	6	.....
Spokane, Wash.....	104,402	29	5	.....	9	.....	4	.....	.....	.....	.....	2	1	.....
Toledo, Ohio.....	168,497	37	10	2	.....	.....	11	2	.....	.....	.....	4	6	.....
Worcester, Mass.....	145,986	37	11	.....	.....	.....	5	.....	.....	.....	4	2	.....	.....
Cities having from 50,000 to 100,000 inhabitants														
Allentown, Pa.....	51,913	14	2	.....	3	.....	.....	.....	.....	.....	1	.....	.....	.....
Altoona, Pa.....	52,127	21	5	2	.....	.....	2	.....	.....	.....	2	2	.....	.....
Bayonne, N. J.....	55,545	.....	5	.....	.....	.....	1	.....	.....	.....	2	1	.....	.....
Brooklyn, Mass.....	56,878	12	.....	.....	33	.....	1	.....	.....	.....	2	.....	.....	.....
Camden, N. J.....	94,538	.....	10	2	65	.....	3	.....	.....	.....	2	.....	.....	.....
Canton, Ohio.....	50,217	6	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Covington, Ky.....	53,270	14	2	.....	.....	.....	4	.....	.....	.....	1	1	1	.....
Duluth, Minn.....	78,466	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Elizabeth, N. J.....	73,409	21	1	.....	1	.....	7	.....	.....	.....	.....	3	.....	.....
Erie, Pa.....	66,525	16	2	.....	1	.....	12	1	.....	.....	4	.....	17	1
Evansville, Ind.....	69,647	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hartford, Conn.....	98,915	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hoboken, N. J.....	70,324	.....	4	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....
Houston, Tex.....	78,800	36	.....	.....	.....	.....	.....	1	.....	1	.....	5	.....	.....
Jacksonville, Fla.....	57,699	25	1	.....	4	.....	1	9	1	.....	1	3	3	.....
Johnstown, Pa.....	55,482	23	4	.....	.....	.....	4	.....	.....	.....	.....	2	2	1
Kansas City, Kans.....	82,331	40	3	.....	.....	.....	9	.....	4	.....	.....	2	10	1
Lawrence, Mass.....	85,892	37	2	1	3	1	3	.....	.....	.....	2	3	.....	.....
Lynn, Mass.....	89,336	23	6	.....	13	.....	3	1	.....	.....	5	2	2	1
Manchester, N. H.....	70,063	17	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1
New Bedford, Mass.....	96,652	39	1	.....	1	.....	4	.....	.....	.....	1	2	1	.....
Reading, Pa.....	96,071	36	1	.....	6	.....	12	.....	.....	.....	1	4	5	.....
Salt Lake City, Utah.....	92,777	28	15	1	35	.....	4	.....	7	.....	.....	.....	.....	.....
San Antonio, Tex.....	96,614	8	2	.....	.....	.....	2	.....	.....	.....	.....	7	5	1
Schenectady, N. Y.....	72,826	23	2	.....	.....	.....	3	.....	.....	.....	1	2	1	.....
Somerville, Mass.....	77,236	23	8	.....	8	.....	6	.....	.....	.....	2	4	.....	.....
South Bend, Ind.....	53,684	14	1	.....	2	.....	4	.....	.....	.....	.....	.....	.....	.....
Springfield, Mass.....	88,926	27	6	2	4	.....	13	.....	.....	.....	2	2	2	.....
Tacoma, Wash.....	83,743	23	3	.....	2	.....	2	.....	.....	.....	.....	.....	1	1
Terre Haute, Ind.....	58,157	18	1	.....	1	.....	6	.....	.....	.....	.....	.....	.....	.....
Trenton, N. J.....	96,815	4	4	.....	.....	.....	1	.....	.....	.....	2	4	.....	.....
Wichita, Kans.....	52,450	14	5	.....	5	.....	1	.....	.....	.....	1	.....	.....	.....
Wilkes-Barre, Pa.....	67,105	30	7	.....	.....	.....	3	.....	.....	.....	1	.....	.....	.....
Wilmington, Del.....	87,411	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yonkers, N. Y.....	79,803	33	6	.....	1	.....	14	.....	.....	.....	4	3	2	.....
Cities having from 25,000 to 50,000 inhabitants														
Auburn, N. Y.....	34,668	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aurora, Ill.....	29,807	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Berkeley, Cal.....	40,434	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Binghamton, N. Y.....	48,443	11	4	1	8	.....	.....	.....	.....	.....	2	1	1	.....
Charlotte, N. C.....	34,014	8	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	3	.....
Chattanooga, Tenn.....	44,604	.....	.....	.....	.....	.....	1	.....	.....	.....	2	.....	.....	.....
Chelsea, Mass.....	32,452	9	3	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....
Chicopee, Mass.....	25,401	6	3	.....	.....	.....	.....	.....	.....	.....	1	.....	2	.....
Council Bluffs, Iowa.....	29,292	4	1	.....	1	.....	.....	.....	.....	.....	.....	.....	2	.....
Danville, Ill.....	27,871	8	2	.....	.....	.....	3	.....	.....	.....	1	1	.....	.....
Dubuque, Iowa.....	38,494	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
El Paso, Tex.....	39,279	29	.....	.....	.....	.....	2	.....	2	.....	10	8	.....	.....
Elmira, N. Y.....	37,176	14	.....	.....	.....	.....	2	.....	.....	.....	1	.....	.....	.....
Everett, Mass.....	33,484	7	1	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....
Haverhill, Mass.....	44,115	.....	6	2	.....	.....	3	2	.....	.....	1	.....	.....	.....
Kalamazoo, Mich.....	39,437	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kingston, N. Y.....	25,908	9	.....	.....	45	.....	.....	.....	.....	.....	.....	1	.....	.....
Knoxville, Tenn.....	36,346	21	2	.....	58	1	.....	.....	2	.....	3	.....	.....	.....

MORBIDITY AND MORTALITY—Continued

Morbidity and mortality table, cities of the United States, for week ended December 31, 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 25,000 to 50,000 inhabitants—Continued														
La Crosse, Wis.	30,417													
Lancaster, Pa.	47,227	17	1		1		1				2		1	
Lexington, Ky.	35,099	19			2							3	1	1
Lynchburg, Va.	29,494		1				3							
Malden, Mass.	44,404	19	1				5				2	1	2	
Montgomery, Ala.	38,136	15	1				2		1			2		
Mount Vernon, N. Y.	30,919	14	1		1		8				1			
Newport, Ky.	30,309	11	1				2				1	1		
Newton, Mass.	39,806	10	3		3		4	1			1			
Niagara Falls, N. Y.	30,445		6	1					1				1	
Norristown, Pa.	27,875	12					1				1	3	2	
Orange, N. J.	29,630	13	1				4				1	1		
Pittsfield, Mass.	32,121	25			43	2	1				1			
Portsmouth, Va.	33,190	12	1		1		2	1	5					
Roanoke, Va.	34,874	10	3				2				2	2	2	
Sacramento, Cal.	44,696													
Superior, Wis.	40,384	15	5				2					1		2
Taunton, Mass.	34,259	13	2	1			1				1	1	1	
Topeka, Kans.	43,684												2	
Waltham, Mass.	27,834	7	2				1				1		8	1
Wheeling, W. Va.	41,641	20									7	1		
Williamsport, Pa.	31,860	8	3		1		4					1		
York, Pa.	44,750		5										2	
Cities under 25,000 inhabitants														
Ann Arbor, Mich.	14,817	9					2							
Ashtabula, Ohio.		4												
Beaver Falls, Pa.	12,191		2										3	
Bedford, Ind.														
Bennington, Vt.		4					1							
Biddeford, Me.		18										2		
Braddock, Pa.	19,357	10	4		3		2	1						
Butler, Pa.	20,728	5												
Cambridge, Ohio.	11,327	5	1										2	
Camden, S. C.		1	1											
Carbondale, Pa.	17,040	2	1											
Clinton, Ind.														
Clinton, Mass.	13,075	9	3								1	1		
Coffeyville, Kans.	12,687	6									1		2	
Columbus, Ga.														
Columbus, Ind.		2					1							
Concord, N. H.		8										1		
Covington, Ohio.					2									
Cumberland, Md.	21,839						1					1	19	2
Dunkirk, N. Y.		7	1		1		2	2						
Elyria, Ohio.														
Freeport, Ill.	17,567	4												
Galesburg, Ill.		3	1				2							
Gloucester, Mass.		8												
Greensboro, N. C.	15,895	10					2							
Harrison, N. J.	14,498	2	1				1							
Hyde Park, Mass.	15,507	4		1	4									
Kearney, Nebr.														
Kearny, N. J.	18,659	9	1		3						1	1		
Kokomo, Ind.	17,010													
La Fayette, Ind.	20,081	3												
Lebanon, Pa.	19,240	5												
Madison, Ind.		3												
Manistee, Mich.	12,381													
Manitowoc, Wis.		4	1											
Marinette, Wis.		5	1										3	1
Marlboro, Mass.	14,579	2												
Massillon, Ohio.		4	1											
Medford, Mass.	23,150	5					1							
Melrose, Mass.	15,715	3	1										1	
Moline, Ill.	24,199	10	3			1	2							

MORBIDITY AND MORTALITY—Continued

Morbidity and mortality table, cities of the United States, for week ended December 31, 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 under 25,000 in- habitants—Continued.														
Montclair, N. J.	21,550	9	1				2				1	1		
Morristown, N. J.	12,507	8	2	2	1		3							
Nanticoke, Pa.	18,877	7	1											
Newburyport, Mass.	14,949	6	2									1		
North Adams, Mass.	22,019	3	1		7									
Northampton, Mass.	19,431	8									2			
Ottumwa, Iowa.	22,012	9					2							
Paducah, Ky.	22,760													
Palmer, Mass.		5												
Peekskill, N. Y.		7												
Plainfield, N. J.	20,550	4	1		2						5			
Portsmouth, N. H.			1		2									
Pottstown, Pa.	15,599	7					5						2	
Rock Island, Ill.		9					1							
Rutland, Vt.	13,546						1							
Saratoga Springs, N. Y.		4									2			
South Bethlehem, Pa.	19,973	11			1							1		
Steelton, Pa.	14,246	4	1								3			
Warren, Ohio.														
Wilkinsburg, Pa.	18,924	8									2		1	
Woburn, Mass.	15,308	8												
Zanesville, Ohio.		6	1				3						3	

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

CONNECTICUT—Stamford.—Month of December, 1910. Population, 26,000. Total number of deaths from all causes not reported. Cases reported: Typhoid fever 3, measles 46, scarlet fever 2.

FLORIDA.—Week ended December 31, 1910. Reports from the State Board of Health show typhoid fever present in 2 localities (Pensacola and Tampa) with 7 cases, smallpox in 7 counties (Dade, Hillsborough, Jackson, Leon, Madison, Polk, and Walton) with 49 cases, diphtheria in 7 localities with 8 cases, malaria in 3 localities (Tampa, Plant City, Ybor City) with 17 cases, tuberculosis in 4 localities with 6 cases.

INDIANA—Muncie.—Month of December, 1910. Population, 24,005. Total number of deaths from all causes 24, including tuberculosis 4. Cases reported: Typhoid fever 5, measles 2, scarlet fever 12, diphtheria 2.

MICHIGAN.—Month of November, 1910. Population, 2,810,173. Total number of deaths from all causes 3,057, including typhoid fever 80, smallpox 53, measles 8, scarlet fever 24, diphtheria 55, tuberculosis 189. Cases reported: Typhoid fever 270 in 105 localities, smallpox 321 in 57 localities, measles 397 in 21 localities, scarlet fever 439 in 94 localities, diphtheria 295 in 60 localities, tuberculosis 108 cases.

NEBRASKA—*South Omaha*.—Month of December, 1910. Population, 35,000. Total number of deaths from all causes 25, including tuberculosis 2. Cases reported: Scarlet fever 2, diphtheria 3, tuberculosis 2.

NEW YORK—*Rochester*.—Month of November, 1910. Population, 190,000. Total number of deaths from all causes 240, including typhoid fever 7, diphtheria 3, tuberculosis 26. Cases reported: Typhoid fever 29, measles 32, scarlet fever 26, diphtheria 15.

Rome.—Month of December, 1910. Population, 20,400. Total number of deaths from all causes 36, including diphtheria 2, tuberculosis 5. Cases reported: Typhoid fever 5, measles 4, scarlet fever 2, diphtheria 17, tuberculosis 2.

OHIO—*Youngstown*.—December 15–31, 1910. Population, 79,066. Total number of deaths from all causes 42, including typhoid fever 2, scarlet fever 1. Cases reported: Typhoid fever 3, scarlet fever 5, diphtheria 7.

TEXAS—*Fort Worth*.—Month of December, 1910. Population, 60,000. Total number of deaths from all causes 104, including typhoid fever 4, tuberculosis 5. Cases reported: Typhoid fever 9, measles 6, scarlet fever 2, diphtheria 8, tuberculosis 7.

FOREIGN AND INSULAR

ARABIA

ADEN—Smallpox

The American consul at Aden reported January 9 to the Department of State the presence of smallpox at that port.

CHINA

AMOY—Plague Outbreaks in Vicinity

Acting Asst. Surg. Bonthius reports December 14 that severe outbreaks of plague, occurring both in the bubonic and pneumonic forms, were reported from the interior about 60 miles from Amoy.

SHANGHAI—Smallpox—Plague Rats

Acting Asst. Surg. Ransom reports December 14:

Smallpox has assumed almost epidemic proportions. Among foreigners 11 cases are reported present in hospital with additional cases scattered throughout the foreign settlement. The cases among natives are numerous, but no approximately accurate estimate of the number is obtainable.

There have been no cases of smallpox during the present epidemic among persons who had been successfully vaccinated within 3 years. There have been 2 mild cases among those unsuccessfully vaccinated about 9 months ago and successfully vaccinated a number of years previously. Two deaths occurred among persons successfully vaccinated in childhood but not vaccinated later, and 1 death of an unvaccinated person is reported.

Plague-infected rats are being found in considerable numbers.

AUSTRALIA

SYDNEY—Examination of Rats for Plague Infection

The following information is taken from bulletins issued by the department of health of New South Wales:

Month of November, 1910

Total number of rats destroyed, 5,920; examined 2,033. No plague-infected rats found.

Date of last case of human plague May 29, 1909.

Date of last case of rodent plague April 25, 1910.

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 Honokaa, 60 miles from Hilo, December 20, 1910.

Passed Asst. Surg. Ramus reports in regard to plague-prevention work, December 27:

HONOLULU

Week ended December 24, 1910.

Total rats and mongoose taken.....	756
Rats trapped.....	709
Mongoose trapped.....	6
Rat found dead (<i>Mus alexandrinus</i>).....	1
Rats shot from trees.....	40
Examined bacteriologically.....	666
Classification of rats trapped:	
<i>Mus alexandrinus</i>	108
<i>Mus musculus</i>	190
<i>Mus norvegicus</i>	76
<i>Mus rattus</i>	335
Classification of rats shot from trees:	
<i>Mus alexandrinus</i>	14
<i>Mus rattus</i>	19
Average number of traps set daily.....	1,720

SMALLPOX AT PUUENE, MAUI

Dr. Ramus reported January 14 the occurrence of 11 additional cases of smallpox among Filipinos in the detention camp at Puuene, Maui.

INDIA

CALCUTTA—Cholera and Plague

Acting Asst. Surg. Allan reports December 15:

During the week ended November 26, 1910, there were reported 70 deaths from cholera and 10 from plague in Calcutta; in all Bengal, 534 cases of plague with 392 deaths; in all India, 9,291 cases with 7,143 deaths.

ITALY

Status of Cholera

Surg. Geddings, at Naples, reports, December 26:

During the week ended December 24 cholera was reported in Italy as follows:

Provinces	Cases	Deaths
Caserta.....	1	.....
Lecce.....	1	.....
Palermo (insane asylum).....	5	1
Rome.....	1	1
Salerno.....	1	.....
Total.....	9	2

NAPLES—Examination of emigrants—Smallpox

Dr. Geddings further reports:

During the week ended December 24 the steamship *Carmania* was inspected. There were taken on at this port 142 cabin passengers and 1 new member of crew.

During the week ended December 31 vessels were inspected at Naples and Palermo as follows:

NAPLES

Date	Name of ship	Destination	Steerage passengers inspected and passed	Pieces of baggage inspected and passed	Pieces of baggage disinfected
Dec. 29...	Sant'Anna.....	New York.....	202	35	380

PALERMO

Dec. 30...	Sant'Anna.....	New York.....	178	300	200
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*Rejections recommended.***NAPLES**

Date	Name of ship	Tra-choma	Favus	Suspect-ed tra-choma	Other causes	Total
Dec. 29...	Sant'Anna.....	10	3	7	3	23

PALERMO

Dec. 30...	Sant'Anna.....	15	16	2	33
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Smallpox in Naples.—During the week ended December 24 there were reported at the health office of the city of Naples 9 cases of smallpox, with 2 deaths, and during the week ended December 31, 19 cases, with 3 deaths.

MADEIRA ISLANDS**Status of Cholera**

Chargé d'Affaires ad interim Lorillard forwarded the following official statement to the Department of State December 21:

The total number of cases of cholera reported in the Madeira Islands to date is 864, with 265 deaths. (Population, 108,300.)

MANCHURIA**Status of Plague**

Minister Rockhill at St. Petersburg reported December 23 to the Department of State:

The bulletin of the plague commission dated December 7 states as follows:

From October 26 to December 4, 1910, there were reported 479 cases of plague, with 476 deaths, occurring within the radius allotted to the Eastern-Chinese Railway. Of these, 468 cases occurred among Chinese and 11 among Russians, with 466 deaths among Chinese and 10 among Russians.

PHILIPPINE ISLANDS

Status of Cholera

Chief Quarantine Officer Heiser at Manila reports November 17, 24, and 30, and December 7 and 13:

Cholera was reported in the city of Manila as follows:

Week ended November 12, 1910, cases 4, deaths, 3; week ended November 19, cases 2, deaths, 2; week ended December 3, cases 2, with 1 death.

During the weeks ended November 26 and December 10, respectively, no quarantinable diseases were reported in Manila.

Cholera in the Provinces

Week ended November 12, 1910

Provinces	Cases	Deaths
Bulacan.....	2	1
Ilocos Sur.....	2	1
Mindoro.....	11	11
Rizal.....	2	1
Union.....	3	1
Total.....	20	15

Week ended November 19, 1910

Bulacan.....	2	2
Ilocos Sur.....	4	3
Rizal.....	1
Total.....	7	5

Week ended November 26, 1910

Ilocos Sur.....	22	13
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Week ended December 3, 1910

Ilocos Sur.....	10	6
Rizal.....	1
Total.....	11	6

Week ended December 10, 1910

Ilocos Sur.....	15	11
Mindoro.....	13	6
Total.....	28	17

RUSSIA

Status of Cholera

Minister Rockhill, at St. Petersburg, reported December 22 to the Department of State:

During the week ended December 3 there were officially reported from all Russia 26 cases of cholera with 12 deaths. Of these, 6 cases with 2 deaths occurred at St. Petersburg. For all Russia from the outbreak of the epidemic to December 10 there have been reported 215,992 cases of cholera with 100,926 deaths.

LIBAU—Smallpox—Examination of Emigrants

Acting Asst. Surg. De Forest reports, December 26, 1910, and January 2, 1911:

During the two weeks ended December 26, 2 cases of smallpox with 2 deaths occurred in Libau.

For the steamship *Birma*, sailing January 3 for New York, there have been examined 688 emigrants. All foodstuffs were removed from emigrants' baggage.

ODESSA—Plague

Consul Grout reports December 24:

On December 14 there remained in hospital 1 case of plague. No new cases have been reported since November 25.

VENEZUELA

CARACAS—Yellow Fever

Chargé d'Affaires Whitehouse reports December 24:

During the two weeks ended December 17 there were reported at Caracas 13 cases of yellow fever.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX

Reports Received During Week Ended January 20, 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
Austria-Hungary:				
Croatia and Slavonia.....	Dec. 4-17.....	3		Total for Hungary Dec. 11-17: Cases, 6.
Hungary.....	.....		
Formosa.....	Dec. 11-17.....	2	1	
India:				
Bombay.....	Dec. 7-13.....		9	
Calcutta.....	Nov. 20-26.....		70	
Madras.....	Dec. 4-10.....		1	
Italy:				
Provinces—				
Caserta.....	Dec. 18-24.....	1		Dec. 31, still present. Do.
Lecce.....	Dec. 18-24.....	1		
Palermo insane asylum.	Dec. 18-24.....	5	1	
Rome.....	Dec. 18-24.....	1	1	
Salerno.....	Dec. 18-24.....	1		

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued

Reports Received During Week Ended January 20, 1911

CHOLERA—Continued.

Place	Date	Cases	Deaths	Remarks
Japan.....				Total for Japan, Sept. 14–Nov. 30: Cases, 2,770; deaths, 1,923; including cases and deaths appearing on p. 1937, Vol. XXV.
Aichi ken.....	Oct. 16–Nov. 30...	3	3	
Ehime ken.....	Sept. 23–Nov. 30...	27	19	
Fukuoka ken.....	Sept. 30–Nov. 30...	234	165	
Hioho ken, Kobe.....	Sept. 12–Nov. 30...	607	396	
Hiroshima ken.....	Sept. 25–Nov. 30...	58	30	
Kagawa ken.....	Oct. 2–Nov. 30...	293	201	
Kagoshima ken.....	Oct. 28–Nov. 30...	4	3	
Kochi ken.....	Oct. 18–Nov. 30...	70	42	
Kyoto fu.....	Sept. 30–Nov. 30...	143	119	
Kumamoto ken.....	Oct. 18–Nov. 30...	19	11	
Miye ken.....	Oct. 11–Nov. 30...	8	5	
Nagasaki ken.....	Oct. 18–Nov. 30...	26	11	Dec. 12–18, 2 cases.
Nara ken.....	Oct. 3–Nov. 30...	31	23	
Oita ken.....	Oct. 10–Nov. 30...	2	1	
Okayama ken.....	Sept. 29–Nov. 30...	71	49	
Osaka fu.....	Sept. 17–Nov. 30...	951	692	
Saga ken.....	Oct. 4–Nov. 30...	51	31	
Shiga ken.....	Nov. 20–30...	7	6	
Shimane ken.....	Oct. 24–Nov. 30...	7	5	
Tokushima ken.....	Oct. 7–Nov. 30...	59	37	
Tokyo fu.....	Oct. 18–Nov. 30...	1	1	
Wakayama ken.....	Oct. 6–Nov. 30...	57	44	
Yamaguchi ken.....	Oct. 12–Nov. 30...	41	29	
Java:				
Batavia.....	Nov. 27–Dec. 3....	2	1	
Soerabaya.....	Nov. 6–12.....	2	1	
Philippine Islands:				
Manila.....	Nov. 6–Dec. 3....	8	6	
Provinces.....				
Bulacan.....	Nov. 6–19.....	4	3	
Ilocos Sur.....	Nov. 6–10.....	53	34	
Mindoro.....	Nov. 6–Dec. 10...	24	17	
Rizal.....	Nov. 6–Dec. 3....	4	1	
Union.....	Nov. 1–12.....	3	1	
Russia.....				Total for Russia Nov. 20–Dec. 3: Cases 105, deaths 47.
Baku.....	Nov. 20–Dec. 3....	2	1	
Erivan government.....	Nov. 20–Dec. 3....	1	1	
Kherson government.....	Nov. 20–Dec. 3....	1	3	
Kief government.....	Nov. 27–Dec. 3....	5	1	
Lublin government.....	Nov. 20–26.....	31	13	
Perm government.....	Nov. 20–26.....	1		
St. Petersburg government—				
St. Petersburg.....	Nov. 20–26.....	8	2	
Saratov government.....	Nov. 20–26.....	2		
Siberia, Eastern.....	Nov. 20–26.....	1		
Tamboo government.....	Nov. 20–Dec. 3....	25	9	
Taurida government—				
Sebastopol.....	Nov. 20–Dec. 3....	5	3	
Tiflis government.....	Nov. 20–27.....	1		
Ykaterinislav government.....	Nov. 20–Dec. 3....	22	14	
Siam:				
Bangkok.....	Nov. 6–Dec. 3....	136	131	
Turkey:				
Adrianople.....	Nov. 21–Dec. 1....	55	66	94 cases and 34 deaths reported, p. 1940, Vol. XXV.
Saloniki.....	Dec. 11–24.....	30	12	
Turkey in Asia:				
Bagdad vilayet.....	Nov. 20–Dec. 4....	97	99	
Basra.....	Nov. 6–26.....	10	9	
Samsoun.....	Nov. 20–Dec. 3....	6	6	
Trebizond.....	Nov. 20–Dec. 4....	89	31	And vicinity. Do.
Zongouldak.....	Nov. 20–Dec. 2....	7	3	

YELLOW FEVER

Venezuela:

Caracas.....

Dec. 4–17.....

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CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued

Reports Received During Week Ended January 20, 1911

PLAGUE

Place	Date	Cases	Deaths	Remarks
Brazil:				
Bahia.....	Nov. 28-Dec. 4....	1	1	
China:				
Sioke.....	Dec. 6.....			Present; in the interior 60 miles from Amoy.
Egypt:				
Alexandria.....	Nov. 29-Dec. 24....	5	2	
Provinces—				
Assiout.....	Dec. 1-29.....	50	24	
Galloubeeh.....	Nov. 22-Dec. 2....	1	1	
Menouf.....	Dec. 2-22.....	26	14	
India:				
Bombay.....	Dec. 9-13.....		7	
Calcutta.....	Nov. 20-26.....		10	
Kurrachee.....	Dec. 4-10.....	8	8	
Madras.....	Dec. 4-10.....	1		
Rangoon.....	Nov. 27-Dec. 3....		4	
Manchuria:				Total for Manchuria, Nov. 21-Dec. 4: Cases, 466 Chinese, 11 Russians; deaths, 466, Chinese, 10 Russians.
Dalny.....	Jan. 11.....	2		
Harbin.....	Nov. 21-Dec. 11....	3	3	
Tchjalainarskiy.....	Nov. 11-Dec. 3....	104	106	Cases previously reported, 14; deaths, 12.
Tchjalantum.....	Nov. 21-Dec. 3....	3	2	
Russia:				
Astrakhan Government—				
Abil-Isken.....	Nov. 22-29.....	4	4	
Nauraali-Tchaygal.....	Nov. 23-29.....	5	5	
Neuren.....	Nov. 17-21.....	1	1	
Trans-Caucasia:				Total from Oct. 23-Nov. 24: Cases 28, deaths 5.
Petrovsk.....	Nov. 23.....	1	1	
Sanitza-Olivianna.....	Nov. 22.....	1	1	
Siam:				
Bangkok.....	Nov. 27-Dec. 3....	1	1	
Straits Settlements:				
Singapore.....	Nov. 20-Dec. 3....		1	

SMALLPOX

Arabia:				
Aden.....	Jan. 9.....			Present.
Brazil:				
Bahia.....	Nov. 28-Dec. 4....	13	8	
Canada:				
British Columbia—				
Victoria.....	Dec. 25-31.....	3		
New Brunswick—				
Newcastle.....	Jan. 1-7.....	1		
Ontario—				
Cornwall.....	Jan. 1-7.....	1		
China:				
Shanghai.....	Dec. 5-18.....	7	27	Deaths among natives.
France:				
Paris.....	Dec. 21-27.....	6		
Germany:				Total for Germany, Dec. 18-24: Cases, 3.
Great Britain:				From a steamship from Oporto.
Leith.....	Dec. 11-17.....	2		
Hawaii:				
Puueue, Maui.....	Jan. 16.....	11		
India:				
Bombay.....	Dec. 6-13.....		2	
Madras.....	Dec. 4-10.....	2	1	
Indo-China:				
Saigon.....	Nov. 21-Dec. 4....	4	1	
Italy:				
Naples.....	Dec. 18-31.....	28	5	
Malta:				
Valetta.....	Dec. 11-17.....	1		
Mexico:				
Tampico.....	Dec. 20-30.....	4		
Portugal:				
Lisbon.....	Dec. 18-31.....	28		

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued

Reports Received During Week Ended January 20, 1911

SMALLPOX—Continued

Place	Date	Cases	Deaths	Remarks
Russia:				
Libau.....	Dec. 19-25.....	.....	1	
Moscow.....	Dec. 4-24.....	15	3	
Odessa.....	Dec. 4-24.....	1	1	
St. Petersburg.....	Dec. 4-17.....	53	16	
Straits Settlements:				
Penang.....	Nov. 27-Dec. 3....	29	10	
Singapore.....	Nov. 20-Dec. 3....	7	3	
Turkey:				
Constantinople.....	Dec. 19-25.....	.....	1	
Zanzibar:				
Zanzibar.....	Nov. 28-Dec. 24...	4	4	

Reports Received from December 31, 1910, to January 13, 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. 20-30.....	7	7	
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, 3; deaths, 3.
Bulgaria:				
Varna.....	Nov. 29.....	2	.....	From steamship Bulgarie, 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.
India:				
Bombay.....	Nov. 23-Dec. 6.....	.....	4	
Calcutta.....	Nov. 13-19.....	.....	28	
Madras.....	Nov. 27-Dec. 3.....	.....	1	
Italy.....				Total for Italy, Dec. 27-Jan. 6: Cases, 41; deaths, 4.
Provinces—				
Aquila.....	Dec. 4-17.....	4	1	
Caltanissetta.....	Dec. 4-10.....	1	.....
Caserta.....	Dec. 4-17.....	11	2	
Lecco.....	Dec. 11-17.....	14	1	
Rome.....	Dec. 4-17.....	8	6	
Palermo—				
Palermo.....	Dec. 4-10.....	16	6	
Insane asylum.....	Dec. 4-17.....	18	5	
Salerno.....	Dec. 11-17.....	6	.....
Japan:				
Formosa.....	Nov. 20-26.....	9	4	In Kelung and Taihoku.
Osaka.....	Nov. 20-25.....	2	.....
Java:				
Batavia.....	Nov. 13-26.....	10	2	Among natives.
Samarang.....	Sept. 11-Oct. 31.....	442	371	
Soerabaya.....	Oct. 23-Nov. 5.....	8	7	
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	
Russia:				
Baku, government.....	.....	.....	.....	Total for Russia, Nov. 20-Dec. 10: cases, 426; deaths, 247.
Baku.....	Nov. 6-19.....	1	.....
Don, territory.....	Nov. 6-19.....	6	2	
Erivan, government.....	Nov. 6-19.....	3	2	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued

Reports Received from December 31, 1910, to January 13, 1911

CHOLERA—Continued

Place	Date	Cases	Deaths	Remarks
Russia—Continued				
Ferghana, territory.....	Nov. 6-19.....	6	6	
Kharkov, government.....	Nov. 6-12.....	2	1	
Kazan, government.....	Nov. 6-12.....	1	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	1	
St. Petersburg government.....	Nov. 6-12.....	2	1	
St. Petersburg.....	Nov. 6-19.....	14	9	
Samara, government.....	Nov. 6-19.....	6	1	
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	1	
Vitebsk, government.....	Nov. 6-19.....	3	2	
Veronesch, government.....	Nov. 6-12.....	2	1	
Yekaterinoslav, government.....	Nov. 6-19.....	12	5	
Sumatra:				
Biagmoeti.....	Nov. 14.....			Present.
Pengoelodjahar.....	Nov. 14.....			Do.
Tripoli:				
Tripoli.....	Nov. 15-Dec. 1.....	37	36	
Turkey:				
Saloniki.....	Nov. 20-Dec. 10.....	13	4	Mainly among troops.
Turkey in Asia:				
Smyrna.....	Nov. 20-Dec. 16.....	66	49	

YELLOW FEVER

Brazil:				
Manaos.....	Dec. 4-17.....		5	
Para.....	Nov. 27-Dec. 10.....	69	26	
Ecuador:				
Guayaquil.....	Nov. 1-Dec. 15.....	30	15	
Venezuela:				
Caracas.....	Nov. 22-Dec. 3.....		5	
La Guaira.....	Dec. 1-15.....	1	1	
Macuto.....	Dec. 1-7.....	1	1	
Maiquetia.....	Nov. 29.....	1	1	

PLAGUE

Brazil:				
Pernambuco.....	July 1-Oct. 15.....		12	
Rio de Janeiro.....	Nov. 1-27.....	12	5	
Ecuador:				
Guayaquil.....	Nov. 1-Dec. 15.....	147	63	
India:				
Bombay.....	Nov. 23-Dec. 6.....		17	
Calcutta.....	Dec. 13-19.....		10	
Kurrachee.....	Nov. 19-Dec. 3.....	9	8	
Rangoon.....	Nov. 20-26.....		3	
Indo-China:				
Saigon.....	Nov. 14-20.....	1	1	
Manchuria:				
Buhedu.....	Oct. 30.....	3	3	Chinese.
Chang Chuen.....	Dec. 7.....			Present.
Fuchiatien.....	Nov. 23.....		16	
Kirin.....	Dec. 7.....			Do.
Mukden.....	Dec. 7.....			Do.
Turtchiha.....	Oct. 30.....	4	4	
Mauritius.....	Sept. 30-Nov. 3.....	149	87	
New Caledonia:				
Noumea.....	Sept. 17.....			Do.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued

Reports Received from December 31, 1910, to January 13, 1911

PLAGUE—Continued

Place	Date	Cases	Deaths	Remarks
Peru.....				Dec. 10, still present in Chicama Valley, near Truxillo.
Arequipa Department— Mollendo.....				Nov. 16-29: Cases, 3; death, 1. Dec. 13: Three cases in the lazaretto.
Callao Department: Callao.....				Nov. 13-26: 1 case.
Lima Department: Lima.....	Nov. 27-Dec. 10...	1		
Russia:				
Astrakhan Government— Kirgis Steppe.....	Dec. 17.....	21	17	
Kulken Island.....	Oct. 13-Nov. 4.....	5	5	
Baku.....	Dec. 17.....	1	1	
Batum.....	Dec. 17.....	1	1	
Odessa.....	Nov. 26-Dec. 9.....		1	
Straits Settlements: Singapore.....	Nov. 13-19.....	1		
Venezuela: Caracas.....	Nov. 9.....			Present.

SMALLPOX

Abyssinia: Adis Ababa.....	Nov. 20-Dec. 10.....			Present.
Argentina: Buenos Aires.....	Oct. 1-31.....		6	
Rosario.....	Oct. 1-31.....		5	
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. 11-24.....	3		
New Brunswick— Newcastle.....	Dec. 18-31.....	6		
Nova Scotia— Louisburg.....	Dec. 25-31.....	4		
Ontario— Ottawa.....	Dec. 18-31.....	3		
Ceylon: Colombo.....	Nov. 13-26.....	14	5	
Chile: Iquique.....	Nov. 13-19.....		1	
Talcahuano.....	Nov. 13-Dec. 3.....	16		
Valparaiso.....	Nov. 20-Dec. 3.....	217		
China:				
Chungking.....	Nov. 13-Dec. 3.....			Present.
Nanking.....	Nov. 20-Dec. 17.....			Do.
Shanghai.....	Nov. 21-Dec. 4.....	5	15	Deaths among natives.
Egypt: Alexandria.....	Nov. 1-30.....		1	
Cairo.....	Dec. 3-9.....	1		
France: Paris.....	Dec. 3-17.....	10		
Germany.....				Total for Germany, Dec. 4-17: Cases 4.
Hawaii: Honolulu.....	Jan. 3.....	3		On s. s. Kiho Maru from Manzanillo.
Puenc, Maui.....	Jan. 4-9.....	16		
India: Calcutta.....	Nov. 6-12.....		1	
Madras.....	Nov. 20-Dec. 3.....	5	6	
Rangoon.....	Nov. 20-26.....		3	
Indo-China: Saigon.....	Nov. 14-20.....	4	2	
Italy: Naples.....	Dec. 4-17.....	16	2	

Reports Received from December 31, 1910, to January 13, 1911

SMALLPOX—Continued

Place	Date.	Cases	Deaths	Remarks
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	
Portugal:				
Lisbon.....	Dec. 3-17.....	51		Deaths, Oct. 30-Nov. 5. 10.
Russia:				
Libau.....	Dec. 5-18.....	2	2	
Moscow.....	Nov. 13-Dec. 3....	13	5	
Odessa.....	Nov. 20-26.....	41	8	
Riga.....	Dec. 11-17.....	5		
St. Petersburg.....	Nov. 13-Dec. 3....	82	24	
Warsaw.....	Oct. 9-29.....		9	
Spain:				
Barcelona.....	Dec. 5-11.....		1	
Madrid.....	Nov. 1-30.....		6	
Valencia.....	Nov. 27-Dec. 3....	1		
Straits Settlements:				
Penang.....	Nov. 6-26.....	133	88	
Singapore.....	Nov. 13-19.....	4	1	
Turkey in Asia:				
Beirut.....	Dec. 4-10.....	2		
Uruguay:				
Montevideo.....	Oct. 1-31.....	4	1	
Zanzibar:				
Zanzibar.....	Oct. 31-Nov. 27...	31	21	

WEEKLY MORTALITY TABLE, FOREIGN AND INSULAR CITIES

[illegible]

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
Kurrachee.....	Dec. 10	130,000	65	..	8									
Leeds.....	Dec. 24	490,985	183	13						1		5	9	2
Libau.....	Do.....	90,000							1					
Leith.....	Dec. 17	86,767	27	7								2		2
Do.....	Dec. 24		24	2										1
Liege.....	Dec. 17	176,796	44	3						1	1		2	1
Liverpool.....	Dec. 24	767,606	239	18							4	1	1	2
Lubeck.....	Dec. 17	98,700	35	3									1	
Do.....	Dec. 24		39	4										
Madras.....	Dec. 10	550,000	404			1		1					1	
Manchester.....	Dec. 17	631,533	230	20									3	1
Do.....	Dec. 24		210	25						1	1	2	4	2
Mexico.....	Nov. 19	500,000	403							30				
Monterey.....	Jan. 1	100,000	44	2							1			
Montreal.....	Jan. 7	450,000	202	17							3	3	8	2
Moscow.....	Dec. 10	1,500,000	784	99				1	8	5	32	27	8	6
Do.....	Dec. 17		826	94				2	20	9	22	22	14	7
Munich.....	Dec. 24	595,000	168	22						1			1	2
Nagasaki.....	Dec. 18	176,970	44	5										
Nagoya.....	Nov. 27	402,101	138	3						2				
Nantes.....	Dec. 25	161,908	65	11								1		
Newcastle-on-Tyne.....	Dec. 24	285,891	100	8									5	3
Nottingham.....	Dec. 17	260,000	80							2	8	5	1	1
Odessa.....	Dec. 10	546,000	173	16	1								1	
Do.....	Dec. 24		204	32				1	1	4	7	4	1	3
Palermo.....	Do.....	340,000	146	12		8					4			
Port Elizabeth.....	Dec. 10	32,248	11							1				
Rangoon.....	Nov. 26	252,155	175		3									
Do.....	Dec. 3		171		4			3						
Rotterdam.....	Dec. 17	426,281	112								1	1		
Do.....	Dec. 24		131											
St. John.....	Jan. 7	57,309	15	2								1		
St. Petersburg.....	Dec. 10	1,678,000	773	124		2		5		12	21	14	10	5
Do.....	Dec. 17		788	121		1		11		9	23	18	8	4
Saloniki.....	Do.....	200,000				8								
Do.....	Dec. 24				10									
San Luis Potosi.....	Nov. 19	82,946	55	7				1		1	1		1	
Do.....	Nov. 26		53	4				8		1				
Do.....	Dec. 3		66	10				2	3	1			1	
Santiago.....	Dec. 24	45,470	14	1									2	
Singapore.....	Nov. 26	271,060	220	21	1			2		4		1		
Stettin.....	Dec. 10	234,033	81	1							1	1		1
Stockholm.....	Do.....	341,816	93	17								2		
Talcahuano.....	Dec. 3	28,000												3
Do.....	Dec. 10													2
Trebizond.....	Dec. 3	55,000				14								
Do.....	Dec. 10					8								
Trieste.....	Do.....	223,521	104							1			1	1
Tripoli.....	Nov. 19	42,000				40								
Do.....	Nov. 26					4								
Do.....	Dec. 3					3								
Do.....	Dec. 10					1								
Turin.....	Dec. 15	391,988	125	8						2		1		
Valencia.....	Dec. 17	240,000	125	8						1				
Victoria, Canada.....	Dec. 24	40,000	3									1		
Vienna.....	Dec. 17	2,130,320	590	77						2	2	2	9	2
Vigo.....	Do.....	40,000	14	1								1		
Warsaw.....	Nov. 5	781,179	296	28						3	26	10	4	6
West Hartlepool.....	Dec. 24	66,750	22									1		
Winnipeg.....	Dec. 31	135,000	44	2						1	5			
Do.....	Jan. 7		53	1							5	1		
Zanzibar.....	Dec. 7	75,000	30	4				3						

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

AUSTRIA-HUNGARY—*Brunn*.—Month of October, 1910. Population, 94,500. Total number of deaths from all causes 205, including typhoid fever 3, diphtheria 3, tuberculosis 41.

AZORES—*St. Michaels*.—Month of October, 1910. Population, 131,183. Total number of deaths from all causes 252, including typhoid fever 2, diphtheria 2, tuberculosis 6.

BRAZIL—*Ceara*.—Month of October, 1910. Population, 50,000. Total number of deaths from all causes 123, including typhoid fever 7, measles 2, tuberculosis 16. Month of November, 1910. Total number of deaths 120, including typhoid fever 8, tuberculosis 12.

BRITISH BURMA—*Rangoon*.—Month of October, 1910. Population, 301,259. Total number of deaths from all causes 686, including typhoid fever 5, cholera 1, smallpox 2, measles 4, plague 18, tuberculosis 24.

BRITISH GUIANA—*Paramaribo*.—Month of November, 1910. Population, 36,496. Total number of deaths from all causes 67. No contagious diseases.

FRANCE—*Marseille*.—Month of November, 1910. Population, 517,498. Total number of deaths from all causes 750, including typhoid fever 26, measles 1, diphtheria 1, tuberculosis 111.

***St. Etienne*.**—Two weeks ended November 30, 1910. Population, 150,000. Total number of deaths from all causes 120, including typhoid fever 1, measles 1, tuberculosis 16.

GREAT BRITAIN.—Week ended December 10, 1910.

***England and Wales*.**—The deaths registered in 77 great towns correspond to an annual rate of 16.8 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 19.6 per 1,000 of the population, which is estimated at 1,151,790. The lowest rate was recorded at Queens-town, viz, 6.6, and the highest at Tralee, viz, 37 per 1,000.

***Scotland*.**—The deaths registered in 8 principal towns correspond to an annual rate of 17.2 per 1,000 of the population, which is estimated at 1,891,936. The lowest rate was recorded at Aberdeen, viz, 14, and the highest at Dundee, viz, 23. The total number of deaths from all causes was 622, including typhoid fever 2, measles 2, scarlet fever 4, diphtheria 13.

ITALY—*Genoa*.—Two weeks ended November 15, 1910. Population, 279,163. Total number of deaths from all causes 226, including measles 2, tuberculosis 26.

PORTO RICO.—Month of August, 1910. Population, 1,118,012. Total number of deaths from all causes 2,224, including typhoid fever 25, measles 13, tuberculosis 201. The service of tropical and

transmissible diseases reports 1,956 patients admitted to dispensaries for the treatment of anemia, 554 patients dismissed cured, 3 deaths, and 10,844 patients remaining under treatment.

SOUTH AFRICA—Johannesburg.—Four weeks ended November 12, 1910. Population, 180,687. Total number of deaths from all causes 452, including typhoid fever 4, measles 23, scarlet fever 3, diphtheria 2, tuberculosis 36.

SPAIN—Almeria.—Month of November, 1910. Population, 50,910. Total number of deaths from all causes 89, including typhoid fever 4, tuberculosis 9.

Cadiz.—Month of November, 1910. Population, 69,382. Total number of deaths from all causes 119, including scarlet fever 1, diphtheria 3, tuberculosis 20.

Madrid.—Month of November, 1910. Population, 613,436. Total number of deaths from all causes 1,260, including typhoid fever 8, typhus fever 1, smallpox 6, measles 57, scarlet fever 3, diphtheria 34, tuberculosis 157.

TURKS ISLANDS.—Month of December, 1910. Population, 1,800. Total number of deaths from all causes 4. No contagious diseases.

URUGUAY—Montevideo.—Month of September, 1910. Population, 321,224. Total number of deaths from all causes 502, including smallpox 4, measles 2, scarlet fever 3, diphtheria 5, tuberculosis 61. Month of October, 1910. Total number of deaths from all causes 518, including smallpox 1, measles 6, diphtheria 2, tuberculosis 83.

By authority of the Secretary of the Treasury:

WALTER WYMAN,

Surgeon General,

United States Public Health and Marine-Hospital Service.