

PUBLIC HEALTH REPORTS.

VOL. XXVI.

JULY 7, 1911.

No. 27.

UNITED STATES.

MUNICIPAL ORDINANCES, RULES, AND REGULATIONS PERTAINING TO PUBLIC HYGIENE.

[Adopted since Jan. 1, 1910.]

PERTH AMBOY, N. J.

BOARD OF HEALTH—ORGANIZATION AND DUTIES.

Organization.—The board of health shall meet on the first Tuesday in February of each year for the purpose of organization, at the usual place of meeting; at which time a president, secretary, health officer, deputy health officers, assistants to the health officer, and other employees of the board of health shall be elected for the ensuing year. The term of all officers and employees (except the health officer) shall begin on March 1 of each year and continue for one year or until their successors are elected. The term of the health officer shall begin on July 1 of each year and continue for one year or until his successor is elected. In case of failure to elect officers at such meeting, said election shall be in order at the next regular meeting, special or adjourned meetings.

The board has the right to remove any of its officers or employees for cause.

The chair shall be taken by the president or president pro tempore. The roll shall be called at the hour appointed for such meeting and the names of members present shall be recorded by the secretary, and the names of members afterwards as they appear. As soon as a quorum is present the board shall proceed to business.

Regular meetings.—The board shall meet on the first and third Tuesdays of each month at the hour of 8 p. m.

Adjourned meetings.—The board shall meet on the second, fourth, and fifth Tuesdays of each month at the hour of 8 p. m.

Special meetings.—Special meetings of the board may be called at any time by the president when he shall deem it necessary, or at the request of two members of the board in writing. Calls for special meetings shall state the purpose or purposes for which such meetings have been called.

Quorum.—A quorum shall consist of a majority of the members of the board, but a smaller number may meet and adjourn from time to time, and such adjourned meetings shall have the same character as the original meeting would have had, had it been held.

Order of business.—Roll call. Reading of minutes. Appeals. Communications. Presentation of bills and claims. Applications for licenses and permits. Secretary's report of collections. Report of health officer. Report of committee on sanitation. Report of committee on milk and food supplies. Report of committee on infectious and contagious diseases. Report of committee on plumbing and sewerage. Report of committee on vital statistics. Report of committee on accounts. Report of committee on supplies, printing, and office. Report of committee on judiciary. Report of special committees. Unfinished business. New business.

The order of business may be temporarily suspended by a two-thirds vote of the members present.

Standing committees.—The president shall appoint the following each year:

Committee on sanitation, to consist of five members.

Committee on accounts, to consist of three members.

Committee on supplies, printing and office, to consist of three members.

Committee on milk and food supplies, to consist of two members.

Committee on infectious and contagious diseases, to consist of two members.

Committee on plumbing and sewerage, to consist of two members.

Committee on vital statistics, to consist of two members.

Committee on judiciary, to consist of two members.

The committees shall consist of members.

The president shall be ex officio a member of all committees.

One member of each of the following committees shall be as a member of the committee on sanitation: Milk and food supplies, infectious and contagious diseases, plumbing and sewerage, and judiciary.

Special committees.—The president shall appoint all special committees.

Duties of the president.—The president shall be the presiding officer of the board, and shall as such perform duties pertaining to such office.

He shall call special meetings of the board.

He shall attend and take part in all meetings of the standing committees of the board when he shall deem it for the interest of the public health so to do.

He shall sign all warrants against the board before the same shall be paid. He shall sign all licenses and permits issued by the board.

Duties of the secretary.—The secretary shall keep the minutes and enter the proceedings of the board in a book provided for the purpose.

He shall attend all regular meetings of the board.

He shall keep an account of all moneys collected and submit a report of same on form provided for the purpose, to the board at each regular meeting.

He shall issue all permits and licenses as directed by the board.

He shall sign all warrants against the board before the same shall be paid.

He shall notify the members of all meetings of the board.

He shall keep all records and perform other duties that may be required of him by law or by the board.

Duties of the health officer.—It shall be the duty of the health officer to visit all parts of the city as often as is found necessary, and he shall make special visits and inspections on the request of the president or chairmen of the several committees, tendering written reports of same.

He shall tender to the board at the first regular meeting in each month a written report as to the condition of the health of the city.

He shall direct all matters pertaining to quarantine and fumigation, and all orders pertaining to same must be in writing to the assistant health inspectors.

He shall make personal visits in cases of infectious and contagious diseases when he deems same necessary, and when ordered by the president or chairman of the committee on infectious and contagious diseases.

He shall report on all matters pertaining to public health submitted to him by the president or chairman of the several committees.

He shall recommend to the board from time to time measures for the improvement of public health.

It shall be his duty to keep an accurate record of all practicing physicians and surgeons and midwives in the city and shall submit a copy of said list to the board at the first regular meeting in each month.

It shall be his duty to see that all practicing physicians and surgeons in the city report all cases of diseases that are classed as infectious and contagious by the sanitary code, and to report immediately to the board any failures to comply with same.

Duties of committee on sanitation.—Shall be that of a consulting party for the benefit of the health officer and other committees of the board.

They shall have power to cause the abatement of all nuisances detrimental to public health, and enforce the requirements of the sanitary code, without a special meeting of the board.

They shall report in writing to the board for their action all failures to abate nuisances and to comply with the requirements of the sanitary code.

They shall direct the duties of the deputy health officers, assistants to the health officer, and other employees of the board in all matters excepting that pertaining to quarantine and disinfection.

Duties of committee on accounts.—They shall receive, examine, and audit all bills and accounts referred to them by the board.

All bills must be signed by a majority of the committee and returned to the board. They shall keep a record of all receipts and expenditures in a book provided for the purpose.

They shall submit to the board at the first regular meeting in each month a statement of the financial standing of the board.

Duties of committees on supplies, printing, and office.—They shall purchase all supplies required after same has been authorized by the board.

They shall have charge of the office of the board and the keeping and filing of records. No supplies shall be contracted for or purchased excepting on written order of the committee, signed by its chairman.

Duties of committee on milk and food supplies.—It shall be their duty to see that the requirements of the sanitary code and existing laws pertaining to same are enforced. They shall recommend to the board from time to time measures for the improvement of public health.

They shall inspect all places in the city where milk and food supplies are made, stored, and sold and report to the board any violation of the sanitary code or existing laws.

Duties of committee on infectious and contagious diseases.—It shall be their duty to see that the requirements of the sanitary code and existing laws pertaining to same are enforced.

They shall recommend to the board from time to time measures for the improvement of public health.

They shall see that all cases of infectious and contagious diseases are reported by the attending physicians and surgeons in proper form and report to the board any failure to so comply with the code.

They shall see that a proper record is kept of all practicing physicians, surgeons, and midwives.

They shall tender to the board at the first regular meeting in each month a report of all infectious and contagious diseases.

Duties of committee on plumbing and drainage.—It shall be their duty to see that the requirements of the sanitary code and existing laws pertaining to same are enforced.

They shall recommend to the board from time to time measures for the improvement of sanitary conditions.

They shall see that all plumbing and drainage work is done under permits issued by the board, and report all cases where work is being done without permits.

Duties of committee on vital statistics.—It shall be their duty to see that the requirements of the sanitary code and existing laws pertaining to same are enforced.

They shall tender to the board at the first regular meeting in each month a report of all marriages, births, and deaths.

Salaries.—The compensation for services rendered by the health officers, secretary, deputy health officers, assistants to the health officers, and other employees of the board, shall be such as the board may prescribe.

Mail.—All mail shall be addressed to the board of health, City Hall, Perth Amboy, N. J., and it is understood that any mail addressed to any of the officers or employees of the board, as members of the board, is intended for the board, and shall be delivered to the secretary.

Hearings.—Any person feeling aggrieved at the official action of the board or any of its members, officers, or employees, shall be entitled to a hearing before the board.

Alteration of the rules.—All resolutions proposing an alteration or amendment to the rules governing the board should be submitted in writing and shall lie over until the next regular meeting unless otherwise ordered by a two-thirds vote of all the members of the board.

The proceedings of the board shall be governed and regulated by general parliamentary practice, as laid down in Cushing's Manual, unless otherwise provided for by these rules. [Regulation board of health adopted Feb. 15, 1910; amended Aug. 2, 1910.]

CHOLERA IN THE UNITED STATES.

A case of cholera has been reported at Auburn, N. Y. The patient was an Italian boy 17 years of age, who arrived at New York June 20 on the steamship *Duca degli Abruzzi*. With the other steerage passengers he was detained at quarantine until June 27. He later went to Auburn, where on June 30 he became ill and died July 1.

Passed Asst. Surg. Edward Francis, assistant director of the Hygienic Laboratory, who was sent to Auburn immediately to confirm the diagnosis and to see that the Treasury Regulations were enforced, has as yet made no official report on the verification of the diagnosis, but states that the contacts are all isolated and under the observation of the city bacteriologist, and that thorough precautions are being observed.

A second case of cholera from the same steamship, the *Duca degli Abruzzi*, has occurred in an Italian woman, an immigrant, 30 years of age, who was taken ill in Brooklyn June 30 and died July 4 at the New York quarantine hospital, to which she had been returned. Like the preceding case, she had been detained in quarantine for seven days. The diagnosis of this case has been verified.

These two cases, detained in quarantine longer than the accepted period of incubation of cholera (five days), if verified as true Asiatic cholera, were probably bacillus carriers. To diminish the danger from such cases in the future, orders have been given that immigrants arriving from a cholera-infected port on a vessel upon which cholera has appeared shall be detained for a period of 10 days for observation unless after 5 days' detention they are found by examination not to be bacillus carriers.

PLAGUE-PREVENTION WORK.

INFECTED GROUND SQUIRREL.

During the week ended June 17, 1911, the finding of a plague-infected ground squirrel was reported. The squirrel was found June 8 in San Benito County, at J. Cornwell ranch, 3 miles southwest of San Benito.

DISTRIBUTION OF POISON.

In connection with the making of a squirrel-free zone around the cities of California on San Francisco Bay, 1,933 acres of land in Alameda County and 322 acres in Contra Costa County were covered with poison during the week ended June 17, 1911.

Record of Plague Infection.

Places.	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.....	.....do.....	None.
Los Angeles.....	Aug. 11, 1908....	.....do.....	Aug. 21, 1908....	1 squirrel.
Counties—				
Alameda (exclusive of Oakland and Berkeley).	Sept. 26, 1909....	Oct. 17, 1909 ¹ ...	May 24, 1911....	103 squirrels, 1 wood rat.
Contra Costa.....	July 21, 1908....	None.....	Apr. 3, 1911....	248 squirrels.
Merced.....	None.....	.....do.....	June 1, 1911....	4 squirrels.
Monterey.....	.....do.....	.....do.....	June 6, 1910....	Do.
San Benito.....	June 5, 1910....	.....do.....	June 8, 1911....	22 squirrels.
San Joaquin.....	None.....	.....do.....	May 17, 1911....	15 squirrels.
San Luis Obispo.....	.....do.....	.....do.....	Jan. 29, 1910....	1 squirrel.
Santa Clara.....	Aug. 23, 1910....	.....do.....	Oct. 5, 1910....	23 squirrels.
Santa Cruz.....	None.....	.....do.....	May 17, 1910....	3 squirrels.
Stanislaus.....	.....do.....	.....do.....	June 2, 1911....	13 squirrels.
Washington:				
Cities—				
Seattle.....	Oct. 30, 1907....	Feb. 8, 1910....	None.....	22 rats.

¹ Wood rat.

Rats Collected and Examined for Plague Infection.

Places.	Week ended—	Found dead.	Total collected.	Examined.	Found infected.
California:					
Cities—					
Berkeley.....	June 17.....	.....	¹ 143	98	.....
Oakland.....	.....do.....	53	² 648	529	.....
San Francisco.....	.....do.....	29	³ 1,647	1,202	.....

¹ Identified, *Mus norvegicus* 97, *Mus musculus* 46.

² Identified, *Mus norvegicus* 584, *Mus musculus* 63, *Mus rattus* 1.

³ Identified, *Mus norvegicus* 948, *Mus musculus* 346, *Mus rattus* 194, *Mus alexandrinus* 159.

Squirrels Collected and Examined for Plague Infection.

Places.	Week ended—	Shot or trapped.	Found dead.	Examined.	Found infected.
California:					
Counties—					
Alameda.....	June 17	358	4	362	
Butte.....	do	8		8	
Calaveras.....	do	114		114	
Colusa.....	do	112		112	
Contra Costa.....	do	136	23	150	
Eldorado.....	do	19		19	
Fresno.....	do	131		131	
Glenn.....	do	174		174	
Lake.....	do	171		171	
Los Angeles.....	do	317	5	311	
Madera.....	do	61	1	62	
Mariposa.....	do	26		26	
Mendocino.....	do	183	12	195	
Merced.....	do	267		267	
Monterey.....	do	782	2	775	
Plumas.....	do	38		38	
Riverside.....	do	279		266	
San Joaquin.....	do	204		204	
San Benito ¹	do				1
San Luis Obispo.....	do	618		618	
San Mateo.....	do	129		129	
Santa Clara.....	do	248		248	
Siskiyou.....	do	177		177	
Sonoma.....	do	43		43	
Stanislaus.....	do	319		319	
Sutter.....	do	43		43	
Tehama.....	do	50		50	
Tuolumne.....	do	10		10	
Yolo.....	do	145		145	
Total.....		5,162	52	5,167	1

¹ One squirrel examined in preceding week proved positive for plague during week ended June 17, 1911.

Other Animals Collected and Examined.

Places.	Week ended—	Animals collected.	Examined	Found infected.
California:				
Cities—				
San Francisco.....	June 17	3 gophers.....	3	
Counties—				
Fresno.....	do	1 rabbit.....	1	
Glenn.....	do	9 rabbits, 2 kangaroo rats....	11	
Lake.....	do	1 rabbit.....	1	
Plumas.....	do	8 chipmunks, 1 wild cat.....	1	
Riverside.....	do	45 rabbits.....	45	
San Joaquin.....	do	9 rabbits.....	9	
Siskiyou.....	do	1 rabbit.....	1	
Yolo.....	do	6 rabbits.....	6	
Total.....			78	

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.

Reports Received During Week Ended July 7, 1911.

[For reports received from Dec. 31, 1910, to June 30, 1911, see Public Health Reports for June 30, 1911. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

Places.	Date.	Cases.	Deaths.	Remarks.
*Alabama:				
Mobile.....	June 18-24.....	3	.....
Florida:				
Counties—				
De Soto.....	June 16-24.....	1	.....
Duval.....	do.....	9	.....
Escambia.....	do.....	1	.....
Hillsboro.....	do.....	1	.....
Leon.....	do.....	6	.....
Manatee.....	June 16-May 24....	6	.....
Orange.....	May 12-24.....	1	.....
Polk.....	May 16-24.....	2	.....
Total for State.....		27	.....
Minnesota:				
Counties—				
Ramsey.....	Mar. 1-31.....		1	Cases in March, reported on p. 683, vol. 1.
*Missouri:				
St. Louis.....	June 18-24.....	1	.....
*Nebraska:				
Omaha.....	June 19-24.....	2	.....
Pennsylvania:				
Entire State.....	May 1-31.....	37	.....
*Tennessee:				
Counties—				
Knox—				
Knoxville.....	June 18-24.....	5	.....
Texas:				
Counties—				
Denton—				
Denton.....	Apr. 1-30.....	4	.....	Omitted on p. 813, vol. 1.
Cameron.....	May 1-31.....	21	.....
Collin.....	do.....	5	.....
Dallas.....	do.....	13	.....
Denton.....	do.....	1	.....
El Paso.....	do.....	10	.....
Floyd.....	do.....	3	.....
Galveston.....	do.....	2	.....
Hall.....	do.....	3	.....
Harris.....	do.....	2	.....
Hidalgo.....	do.....	3	.....
Marion.....	do.....	1	.....
McLennan.....	do.....	1	.....
Navarro.....	do.....	32	.....
Nueces.....	do.....	5	.....
Tarrant.....	do.....	3	.....
Titus.....	do.....	5	.....
Wichita.....	do.....	6	.....
Total for State.....		120	.....

MORBIDITY AND MORTALITY.

MORBIDITY AND MORTALITY TABLE, CITIES OF THE UNITED STATES, FOR WEEK ENDED JUNE 17, 1911.

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	169	9	.....	77	1	15	1	.....	.....	33	27	7	.....
Boston, Mass.....	670,585	208	50	2	97	2	42	3	.....	.....	61	18	9	.....
Chicago, Ill.....	2,185,283	544	115	13	152	2	148	11	1	.....	148	67	10	7
Cleveland, Ohio.....	560,663	150	17	1	19	.....	66	5	1	.....	44	20	7	2
New York, N. Y.....	4,766,883	1,232	304	23	890	19	295	14	.....	.....	479	176	66	10
Philadelphia, Pa.....	1,549,008	437	69	3	111	3	42	4	.....	.....	75	48	11	4
St. Louis, Mo.....	687,029	197	16	1	31	.....	40	4	1	.....	52	21	15	2
Cities having from 300,000 to 500,000 inhabitants.														
Buffalo, N. Y.....	423,715	158	24	1	7	.....	17	2	.....	.....	21	9	6	2
Cincinnati, Ohio.....	364,463	.....	4	2	18	1	36	2	3	.....	33	18	6	3
Detroit, Mich.....	465,766	105	24	1	.....	.....	8	1	.....	.....	.....	.....	.....	.....
Milwaukee, Wis.....	373,857	87	10	1	36	2	16	1	.....	.....	17	8	18	1
Newark, N. J.....	347,469	76	31	.....	.....	.....	19	1	.....	.....	19	12	3	.....
New Orleans, La.....	339,075	154	12	1	31	1	7	.....	1	.....	50	20	19	2
San Francisco, Cal.....	416,912	111	4	1	35	.....	19	.....	1	.....	18	9	4	1
Cities having from 200,000 to 300,000 inhabitants.														
Denver, Colo.....	213,381	35	6	.....	6	.....	11	.....	8	.....	.....	3	2	.....
Jersey City, N. J.....	267,779	68	.....	.....	.....	.....	2	.....	.....	.....	.....	7	.....	1
Kansas City, Mo.....	248,381	80	3	.....	1	.....	6	.....	.....	.....	.....	17	.....	.....
Providence, R. I.....	224,326	53	3	2	2	.....	11	1	.....	.....	10	7	2	.....
Cities having from 100,000 to 200,000 inhabitants.														
Bridgeport, Conn.....	102,054	22	3	.....	14	1	1	.....	.....	.....	8	2	1	.....
Cambridge, Mass.....	104,839	23	12	1	16	.....	5	.....	.....	.....	6	1	1	.....
Columbus, Ohio.....	181,548	46	1	.....	10	.....	4	.....	3	.....	11	8	.....	.....
Dayton, Ohio.....	116,577	30	.....	.....	9	.....	3	.....	.....	.....	.....	3	.....	.....
Fall River, Mass.....	119,295	23	2	.....	3	1	3	.....	.....	.....	6	2	1	1
Grand Rapids, Mich.....	112,571	27	.....	.....	7	.....	2	1	.....	.....	3	5	4	.....
Lowell, Mass.....	106,294	24	2	.....	2	.....	1	.....	.....	.....	1	.....	.....	.....
Memphis, Tenn.....	131,105	.....	.....	.....	1	.....	.....	1	.....	.....	5	5	9	.....
Nashville, Tenn.....	110,364	40	1	.....	.....	.....	2	.....	.....	.....	6	1	11	1
Oakland, Cal.....	150,174	28	.....	.....	9	.....	2	.....	.....	.....	2	2	1	.....
Omaha, Nebr.....	124,096	.....	2	.....	1	.....	2	.....	1	.....	.....	2	2	.....
Paterson, N. J.....	125,600	.....	3	.....	.....	.....	13	.....	.....	.....	3	.....	.....	.....
Spokane, Wash.....	104,402	19	3	.....	31	.....	2	.....	4	.....	.....	.....	1	.....
Toledo, Ohio.....	168,497	9	2	.....	.....	.....	4	.....	.....	.....	11	6	3	.....
Worcester, Mass.....	145,986	32	7	.....	10	.....	15	.....	.....	.....	6	2	1	.....
Cities having from 50,000 to 100,000 inhabitants.														
Altoona, Pa.....	52,127	15	1	.....	.....	.....	2	.....	.....	.....	1	.....	.....	.....
Bayonne, N. J.....	55,545	14	1	.....	4	.....	.....	.....	.....	.....	2	.....	.....	.....
Brockton, Mass.....	56,878	6	.....	.....	13	.....	2	.....	.....	.....	3	1	.....	.....
Camden, N. J.....	94,538	.....	11	.....	1	.....	1	.....	.....	.....	1	.....	.....	.....
Canton, Ohio.....	50,217	13	.....	.....	.....	.....	5	.....	.....	.....	.....	1	.....	.....
Covington, Ky.....	53,270	17	.....	.....	.....	.....	1	.....	.....	.....	.....	2	.....	.....
Duluth, Minn.....	78,466	20	5	.....	36	.....	2	.....	1	.....	3	.....	2	.....
Elizabeth, N. J.....	73,409	19	1	.....	3	.....	9	.....	1	.....	.....	.....	.....	.....
Evansville, Ind.....	69,647	20	1	.....	8	1	.....	.....	1	.....	3	4	1	.....
Fort Wayne, Ind.....	63,933	17	11	.....	10	.....	1	.....	.....	.....	4	3	.....	.....
Harrisburg, Pa.....	64,186	10	.....	.....	8	.....	5	.....	.....	.....	6	2	.....	.....
Hartford, Conn.....	98,915	.....	16	1	7	.....	13	.....	.....	.....	2	1	.....	.....
Hoboken, N. J.....	70,324	.....	4	.....	.....	.....	6	1	.....	.....	.....	.....	.....	.....
Houston, Tex.....	78,800	45	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	2
Jacksonville, Fla.....	57,699	24	.....	.....	2	.....	.....	.....	13	.....	.....	2	6	.....
Johnstown, Pa.....	55,482	16	.....	.....	15	.....	1	.....	.....	.....	1	1	.....	.....
Kansas City, Kans.....	82,331	33	1	.....	1	.....	1	.....	.....	.....	2	1	.....	.....
Lawrence, Mass.....	85,892	33	1	.....	2	.....	1	.....	.....	.....	3	1	.....	.....
Lynn, Mass.....	89,336	23	.....	1	4	.....	4	.....	.....	.....	1	.....	.....	.....

MORBIDITY AND MORTALITY—Continued.

Morbidity and mortality table, cities of the United States, for week ended June 17, 1911—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.														
Manchester, N. H.	70,063	17			1				1		3	3		
New Bedford, Mass.	96,652	29	2		4		2				4	7	1	
Oklahoma City, Okla.	64,205	16					5				2	1	6	1
Passaic, N. J.	54,773	10	2		10						1	1		
Peoria, Ill.	66,950	23	1				2					7		
Reading, Pa.	96,071	39	3	2			9					4		
San Antonio, Tex.	96,614	45	1				2					7	3	3
Schenectady, N. Y.	72,826	10			3		4				5	2	1	
South Bend, Ind.	53,684	18	1		5		6	1				1	1	
Springfield, Ill.	51,678	9	1				1					1		
Springfield, Mass.	88,926	14	7		12						5	2	2	
Terre Haute, Ind.	58,157	19	1		5		2							
Trenton, N. J.	96,815	36	5				5				6	5	8	1
Utica, N. Y.	74,419	22			11		1				2	3	1	
Wichita, Kans.	52,450	27			6							3		3
Wilkes-Barre, Pa.	67,105	14	6	1	10		1				7		1	
Wilmington, Del.	87,411	17										3		1
Yonkers, N. Y.	79,803	14	4		35		11				5	1		
Cities having from 25,000 to 50,000 inhabitants.														
Atlantic City, N. J.	46,150	2	1		3		1							
Aurora, Ill.	29,807						3							
Berkeley, Cal.	40,434	8			8		1				1	1		
Binghamton, N. Y.	48,443	17	4		7						3			
Brookline, Mass.	27,792	3	1		11						1			
Butte, Mont.	39,165	17	3				1		3			2		
Chattanooga, Tenn.	44,604		1										7	
Chelsea, Mass.	32,452	9	3		26		2				1	3	1	
Chicopee, Mass.	25,401	8			1						1	1		
Danville, Ill.	27,871	6			2				2					
East Orange, N. J.	34,371	8	1				2				1	2		
Elmira, N. Y.	37,176	11	1		14	2						3	2	
El Paso, Tex.	39,279	22					5	1	1		3	1		
Everett, Mass.	33,484	5	3	1	6						1		1	
Haverhill, Mass.	44,115	8	1		2						3		1	
Hazleton, Pa.	25,452		1											
Kalamazoo, Mich.	39,437	14	1		2		1				2			
Knoxville, Tenn.	36,346	16							2			1		1
La Crosse, Wis.	30,417	3												
Lancaster, Pa.	47,227	8	1		4		2				1		1	1
Lima, Ohio.	30,508	10			2							2		
Lynchburg, Va.	29,494	14			11		1							
Malden, Mass.	44,404	10			42		1				2			
Montgomery, Ala.	38,136	8			1		1		1		1	1		
Newcastle, Pa.	36,280		2		1		1				4			
Newport, Ky.	30,309	5					1				1	1		
Newton, Mass.	39,806	3			6						1			
Niagara Falls, N. Y.	30,445	16	3		7		1						11	3
Norristown, Pa.	27,875	12			3									
Orange, N. J.	29,630	5	3		3		4				1			
Pasadena, Cal.	30,291	7												
Pittsfield, Mass.	32,121	9									1			
Poughkeepsie, N. Y.	27,936	13	1		13		1							
Racine, Wis.	38,002	9	1				3					1		1
Roanoke, Va.	34,874	14	2		9		2				1	1	1	
Salem, Mass.	43,697	7	1		38							1		
San Diego, Cal.	39,578	17					1				4	4		
Shenandoah, Pa.	25,774	11		2				1						
South Omaha, Nebr.	26,259	4	1				3							
Superior, Wis.	40,384	7	2				3					1	1	
Taunton, Mass.	34,259	8	2								1	1		
Waltham, Mass.	27,834	7			3							1		
West Hoboken, N. J.	35,403	2	4		2		2				2		2	
Wheeling, W. Va.	41,641	16	4	1	41						1	2		
Williamsport, Pa.	31,860	5	1		14						1			
York, Pa.	44,750						1				2			
Zanesville, Ohio.	28,026	15	1									1	9	3

MORBIDITY AND MORTALITY—Continued.

Morbidity and mortality table, cities of the United States, for week ended June 17, 1911—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.														
Ann Arbor, Mich.....	14,817	5									2	1		
Beaver Falls, Pa.....	12,191						1							
Bennington, Vt.....		2												
Braddock, Pa.....	19,357	12	1		1						1	1		
Butler, Pa.....	20,728	7										2		
Cambridge, Ohio.....	11,327	5			4									
Camden, S. C.....		1											1	
Carbondale, Pa.....	17,040	3	1				1							
Clinton, Mass.....	13,075	3												
Coffeyville, Kans.....	12,687	3			2									
Columbus, Ga.....		9												
Columbus, Ind.....		1									2			
Concord, N. H.....	21,497	8	1										1	
Cumberland, Md.....	21,839	9											1	
Dunkirk, N. Y.....		5					4						1	
Galesburg, Ill.....	20,089	4												
Glooucester, Mass.....	24,398	4												
Greensboro, N. C.....	15,895	7										2		
Harrison, N. J.....	14,498	3												
Homestead, Pa.....	18,713	3	2		3						1			
Hyde Park, Mass.....	15,507	2												
Kearny, N. J.....	18,659	5	1								1	1		
Kokomo, Ind.....	17,012	4	1						5					
La Fayette, Ind.....	12,061	6			1									
Lebanon, Pa.....	19,240	1									1	1		
Manistee, Mich.....	12,381						1						1	
Marinette, Wis.....	14,610	3	1										1	
Marlboro, Mass.....	14,579	1												
Massillon, Ohio.....	13,879	4												
Medford, Mass.....	23,150	6			4							2	1	
Melrose, Mass.....	15,715	5			21									
Moline, Ill.....	24,199	4	1		7		1				1			
Montclair, N. J.....	21,150	7			1		1					1		
Morristown, N. J.....	12,507	4	1											
Nanticoke, Pa.....	18,877	5	1	1										
Newburyport, Mass.....	19,949	5									1			
North Adams, Mass.....	22,019	4												
Northampton, Mass.....	19,431	7			1						1			
Ottumwa, Iowa.....	22,012	8												
Palmer, Mass.....		1												
Palo Alto, Cal.....	4,486	1												
Peekskill, N. Y.....		3			2								1	
Plainfield, N. J.....	20,550	1			2							1	1	
Pottstown, Pa.....		1											1	
Saratoga Springs, N. Y.....		4										2	1	
South Bethlehem, Pa.....	19,973	4									1	1		
Steelton, Pa.....	14,246		5								5			
Wilkinsburg, Pa.....	11,080	4	1								4			
Woburn, Mass.....	15,308	1			2						1			

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

COLORADO.—Three months ended March 31, 1911. Population, 790,024. Total number of deaths from all causes 3,210, including diphtheria 24, measles 63, scarlet fever 44, tuberculosis 537, typhoid fever 40. Cases reported: Diphtheria 258, measles 2,316, scarlet fever 669, smallpox 757, typhoid fever 116.

FLORIDA.—Week ended June 24, 1911. Reports from the State board of health show malaria present in 2 localities (Jacksonville and Tampa) with 11 cases, smallpox in 8 counties with 27 cases, tuberculosis in 5 localities with 6 cases, typhoid fever in 1 locality (Tampa) with 8 cases.

INDIANA—*Terre Haute.*—Month of April, 1911. Population, 58,157. Total number of deaths from all causes 86. No deaths from contagious diseases. Cases reported: Diphtheria 7, measles 106, scarlet fever 20, smallpox 1, tuberculosis 1.

Four weeks ended May 27, 1911. Total number of deaths from all causes 74, including scarlet fever 1. Cases reported: Diphtheria 2, measles 49, scarlet fever 19, smallpox 1, tuberculosis 1, typhoid fever 2.

IOWA—*Ottumwa.*—Four weeks ended May 27, 1911. Total number of deaths from all causes 29, including scarlet fever 1, tuberculosis 2. Cases reported: Diphtheria 1, measles epidemic, scarlet fever 22, smallpox 1, tuberculosis 2.

KENTUCKY—*Louisville.*—Month of May, 1911. Population, 223,928. Total number of deaths from all causes 339, including diphtheria 2, measles 6, tuberculosis, pulmonary 37, typhoid fever 1. Cases reported: Diphtheria 14, measles 10, scarlet fever 21, smallpox 4, tuberculosis, pulmonary 50, typhoid fever 5.

MINNESOTA.—Month of March, 1911. Population, 2,075,708. Total number of deaths from all causes 2,007, including diphtheria 33, measles 17, scarlet fever 31, smallpox 1, tuberculosis 243, typhoid fever 25.

PENNSYLVANIA.—Month of May, 1911. Reports from the State department of health show a total of 12,848 cases of communicable diseases distributed as follows: Anterior poliomyelitis 4, cerebrospinal meningitis 16, chickenpox 883, diphtheria 865, erysipelas 184, German measles 71, leprosy 1, malarial fever 4, measles 5,714, mumps 615, pneumonia 268, puerperal fever 9, rabies 1, scarlet fever 1,092, smallpox 37, tetanus 2, trachoma 7, tuberculosis 1,291, typhoid fever 484, whooping cough 1,300.

FOREIGN AND INSULAR

AUSTRALIA.

SYDNEY—Examination of Rats for Plague Infection.

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

During the month of April, 1911, there were destroyed 7,286 rats, of which 2,522 were examined. No plague-infected rat was found.

The last case of human plague was reported May 29, 1909.

The last plague-infected rat was found April 25, 1910.

AUSTRIA.

TRIESTE—Cholera on Steamship.

Consul de Martini reports, July 3, the occurrence of a second case of cholera on the steamship *Oceania*.

A fatal case of cholera on this vessel was reported June 26. The steamship *Oceania* arrived at Trieste June 24 from New York via Naples.¹

CHINA.

HONGKONG—Plague Rats Found.

Surg. Brown reports the finding of 5 plague-infected rats during the two weeks ended May 23.

CUBA.

Transmissible Diseases.

The following statement of transmissible diseases in the island of Cuba was issued by the national department of sanitation:

MAY 20-30, 1911.

	New cases.	Deaths.	Remaining under treatment.
Tuberculosis.....	74	102	2,391
Leprosy.....	1		355
Malaria.....	22	3	108
Typhoid fever.....	31	10	79
Diphtheria.....	23	2	19
Scarlet fever.....	14	1	18
Measles.....	117	5	231
Varicella.....	14	1	43
Tetanus in the new born.....	11	11	
Filariasis.....			2

No quarantinable diseases were reported in the island during the week ended June 24.

¹ Public Health Reports, June 30, 1911, p. 1038.

HAWAII.**Record of Plague Infection.**

The 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; 2 fatal cases were reported January 31, 1911, and 1 fatal case was reported April 19.

The last plague-infected rat was found at Honokaa February 2, 1911. A plague-infected rat was found at Hilo during the week ended June 10, 1911.

Chief Quarantine Officer Ramus reports, May 27 and June 5 and 12:

HONOLULU.

	Week ended May 27.	Week ended June 3.	Week ended June 10.
Total rats and mongoose taken.....	888	673	812
Rats trapped.....	872	645	785
Mongoose trapped.....	16	2	20
Rats killed by sulphur dioxide.....		26	7
Examined bacteriologically.....	732	568	695
Classification of rats trapped:			
<i>Mus alexandrinus</i>	67	62	50
<i>Mus musculus</i>	286	209	286
<i>Mus norvegicus</i>	102	53	78
<i>Mus rattus</i>	417	321	371
Average number of traps set daily.....	1,720	1,720	1,720
Classification of rats killed by sulphur dioxide:			
<i>Mus alexandrinus</i>		6	
<i>Mus rattus</i>		20	7

INDIA.**CALCUTTA—Cholera, Plague, and Smallpox.**

Acting Asst. Surg. Allan reports June 1:

During the week ended May 13 there were reported at Calcutta 46 deaths from cholera, 94 from plague, and 1 from smallpox; in all Bengal, 945 cases of plague with 834 deaths; in all India, 24,304 cases of plague with 21,249 deaths.

ITALY.**Cholera.**

Naples.—There were officially reported in the city of Naples 51 cases of cholera with 16 deaths from June 22 to 26.

Palermo.—Reports of the status of cholera are to the effect that from June 11 to 25 there were 300 deaths in Palermo from this disease and that between June 25 and July 1 there were approximately 25 deaths daily.

The United States quarantine regulations are being enforced for ships clearing for the United States.

JAPAN.**KOBE—Destruction of Rats on Lighters.**

Acting Asst. Surg. Moore reports May 26:

During the week ended May 21 more than 200 dead rats were found in the lighters after fumigation. The presence of rats in lighters is a source of danger of rats being conveyed onto ships in cargo. A systematic and thorough disinfection of lighters at intervals would seem to be necessary to eliminate this danger.

MEXICO.**Typhus Fever.**

At Aguascalientes Consul Bretherton reported for the two weeks ended June 18 the occurrence of 5 deaths from typhus fever; at Guadalajara Consul Magill reported 1 death during the week ended June 3, and at Mexico City Consul Shanklin reported 168 cases of typhus fever with 44 deaths during the two weeks ended May 20.

NEW ZEALAND.**AUCKLAND—Plague.**

The following information is taken from bulletins issued by the department of public health of New Zealand:

At the close of the week ended May 6, 1911, 4 cases of plague were reported as having been admitted to hospital. Two of these cases were admitted during the week. A further case reported as under treatment from May 8 was bacteriologically verified as plague May 25. The infection in these 3 cases is stated to have been acquired in the same warehouse. During the three weeks ended May 27, 145 rats were examined for plague infection. No plague-infected rats were found.

PERU.**CALLAO—Plague—Status of Plague in Peru.**

Acting Asst. Surg. Castro-Gutierrez reports, June 14:

During the period from April 15 to June 14, 4 cases of plague were reported at Callao, occurring, respectively, May 22, 27, and 31, and June 11.

The following statement of the general status of plague in Peru was received from the director of public health:

APR. 23-29, 1911.

Departments.	Cases remaining Apr. 22.	New cases.	Recovered.	Died.	Remaining Apr. 29.
Lima.....	8	3	.....	1	10
Callao.....	1	1	.....	1	1
Trujillo.....	25	2	9	.....	18
Islay.....	5	2	5	.....	2
Chiclayo.....	7	3	1	3	6
Lambayeque.....	1	.....	.....	.....	1

Bills of health from ports south of Callao show as follows: Mollendo, May 31, 2 cases of plague in previous two weeks; Arica, Chile, May 20, a few cases; Iquique, Chile, May 29, 3 cases of plague with 1 death during previous two weeks; Valparaiso, Chile, May 24, 75 cases of smallpox during previous two weeks.

SIAM.**BANGKOK—Cholera, Plague, and Smallpox.**

Vice Consul Hansen reports May 18:

During the four weeks ended May 13 there were reported 442 deaths from cholera, 14 deaths from plague, and 22 cases of smallpox, with 14 deaths.

TURKEY.**SMYRNA—Cholera.**

Vice Consul Memminger reports June 6:

During the period from May 30 to June 4, inclusive, 35 cases of cholera, with 19 deaths, were reported.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX.

Reports Received during week Ended July 7, 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. For reports received from December 31, 1910, to June 30, 1911, see PUBLIC HEALTH REPORTS for June 30, 1911. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
Austria-Hungary:				
Trieste.....	July 3	1	.....	From s. s. Oceania.
China:				
Amoy	May 28-June 3		2	
India:				
Bassein	May 7-13.....	1	1	
Calcutta	May 14-20.....		46	
Moulmine	May 7-13.....	1	1	
Indo-China:				
Saigon	May 15-21.....	12	8	
Italy:				
Naples	June 22-26.....	51	16	
Palermo	June 11-25.....		300	June 25-July 1: 25 deaths daily.
Java:				
Batavia	May 14-20.....	98	60	
Siam:				
Bangkok	Apr. 16-May 13....	442	442	
Turkey in Asia:				
Samsun	May 29-June 10...	166	156	
Unieh	June 4-10.....	1	1	
Straits Settlements:				
Singapore	May 7-13.....	1	1	

YELLOW FEVER.

Places.	Date.	Cases.	Deaths.	Remarks.
British Gold Coast:				
Accra	May 23-27.....	3	.....	Among natives.
Bissagos Islands:				
Bulama	May 27.....		.....	Present.
Gambia:				
Bathurst	May 23-27.....	5	2	Among Europeans.

PLAGUE.

Places.	Date.	Cases.	Deaths.	Remarks.
Arabia:				
Maskat	May 21-27.....	3	2	
Austria-Hungary:				
Waltendorf	May 31.....	1	.....	Near Gratz.
Chile:				
Iquique	May 14-27.....	6	2	
China:				
Amoy	May 28-June 3		6	To May 28: Cases 61.
Hongkong	May 14-20.....	5	5	
Shanghai	do.....	3	.....	In vicinity.
Swatow	May 21-27.....		.....	Present.
India:				
Calcutta	May 7-13.....		94	
Indo-China:				
Saigon	May 15-21.....	16	7	
Japan:				
Formosa	May 21-27.....	35	38	
Java:				
Paserocean Residency	May 14-20.....	62	30	
Mauritius	Mar. 1-Apr. 27....	8	4	
Persia:				
Buchir	May 14-30.....	41	39	
New Zealand:				
Auckland	May 1-8.....	4	.....
Peru:				
Departments				To be included in report on p. 1048, vol. 1.
Arequipa	Apr. 23-29.....	2	.....	Mollendo May 16-21, 2 cases.
Callao	do.....	1	1	
Chiclayo	do.....	3	3	
Libertad	do.....	2	.....	Salaverry, June 12, present.
Lima	do.....	3	1	
Siam:				
Bangkok	Apr. 16-May 13....	14	14	
Turkey in Asia:				
Basra	May 21-27.....	1	1	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received during week Ended July 7, 1911.

SMALLPOX.

Places.	Date.	Cases.	Deaths.	Remarks.
Austria-Hungary:				
Bohemia.....	May 28-June 3....	2		
Galicia.....	do.....	1		
Brazil:				
Para.....	July 6.....			Present.
Canada:				
British Columbia—				
Victoria.....	May 1-31.....	10		
Ontario—				
Ottawa.....	June 11-24.....	3		
Prince Edward Island—				
Charlottetown.....	June 14-20.....	1		
Quebec—				
Quebec.....	June 18-24.....	3		
Yukon—				
Dawson.....	June 4-10.....	7		
Germany.....				Total for Germany, June 4-10, cases, 4.
Egypt:				
Alexandria.....	Apr. 1-May 31....	44	27	
Cairo.....	May 22-27.....	2	1	
Port Said.....	do.....	1	3	
Gibraltar.....	June 4-11.....	1		
Great Britain:				
Dundee.....	June 11-17.....	1		
London.....	June 4-10.....	5		
India:				
Calcutta.....	May 6-13.....		1	
Kurrachi.....	May 21-27.....	172	165	
Madras.....	do.....	9	5	
Indo-China:				
Saigon.....	May 15-21.....	20	1	
Italy:				
Naples.....	June 11-17.....	9	1	
Palermo.....	June 4-10.....	18	10	
Mexico:				
Mexico.....	May 21-June 3....		34	
Tampico.....	June 11-20.....		2	
Portugal:				
Lisbon.....	June 4-10.....	12		May 7-13, deaths, 2.
Russia:				
Libau.....	June 5-11.....		1	
Moscow.....	May 28-June 10...	49	20	
Odessa.....	May 27-June 3....	2		
Riga.....	May 27-June 10...	6		
Siberia:				
Omsk.....	May 29-June 3....	2		
Siam:				
Bangkok.....	Apr. 16-May 13...	22	16	
South Africa:				
Port Elizabeth.....	May 21-27.....	1		
Spain:				
Barcelona.....	May 6-12.....		2	
Valencia.....	June 4-17.....	8		
Straits Settlements:				
Singapore.....	May 7-13.....	7	1	
Turkey:				
Constantinople.....	June 4-11.....		1	
Turkey in Asia:				
Beirut.....	May 27-June 3....	3		
Kharput.....	May 21-27.....	9	2	
Zanzibar:				
Zanzibar.....	May 15-21.....		1	

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.	Measles.	Whooping cough.
Aberdeen	June 10	163,084	41									1		3
Amsterdam	June 3	576,691	134	11						1		1	4	2
Baracoa	June 10	27,000	6						1					
Barcelona	May 12	591,272	270	28				2		4		1	4	1
Basra	May 27	20,000			1									
Batavia	May 13	217,630	90			52		1						
Do	May 20		96			60			2					
Belfast	June 10	386,449	115	20										
Do	June 17		107	23							1	1		4
Bergen	do	87,749	14									1		
Birmingham	do	575,545	137								1	2		1
Bremen	June 10	246,850	68	13							1	1		
Bristol	do	357,059	121	10								1	8	5
Do	June 17		99	9									5	2
Brussels	June 3	720,030	156	25							1		1	
Do	June 10		173	13							1	1	2	
Cairo	May 27	689,439	858	25				1	8	2	7	12	12	
Calcutta	May 13	890,493	495	37	94	46							2	
Catania	June 10	250,000	59	2							3			
Chemnitz	do	292,825	84	8						1			3	
Christiania	do	245,000	56	9									2	1
Do	June 17		66	10							1	2	1	4
Cologne	June 10	519,740	146	17						1	1	2	7	3
Colombo	May 20	211,287	117	19						5				
Constantinople	June 11	1,000,000	203	43		1					3	2	2	
Dresden	June 3	550,700	126	22								1	2	1
Dublin	do	407,057	150	31				1	1	1	2	1	3	4
Do	May 27		158	31					1	1	9	6	1	
Do	June 10		149	33							2	4	4	1
Dundee	June 17	171,006	54	6										2
Edinburgh	June 10	320,829	97	9							1		1	4
Erfurt	May 27	124,270	42	5						1		3		
Do	June 3		27	1								2	1	
Fiume	June 10	50,811	27	9					1				1	
Frankfort on the Main	June 3	414,800	77								2		2	
Glasgow	June 23	784,655	219	9							1	2	10	12
Gottenborg	June 10	168,000	48	9								1	1	1
Havre	June 17	136,159	55	12						1		1		
Kharput	May 27	21,000					2						2	
Iquique	May 20	38,382		10	1					4				
Do	May 27		10	1						1				
Kingston	June 10	59,584								4				
Kobe	May 28	404,851	142								4			
Kurrachi	May 27	148,000	238		165							1		
Leeds	June 10	445,568	112	12							1	2	1	4
Leipzig	do	585,743	157	17					1					2
Leith	do	80,670	22	2								1		
Libau	June 11	90,000					1			1				
London	June 10	7,269,752	1,493							1	2	22	47	24
Maskat	May 27	10,000			2									
Madras	do	550,000	346					5		2			2	
Magdeburg	June 3	277,011	87	11										
Manchester	June 10	631,533	194	24						1			15	4
Mexico	May 27	500,000	442	28				18	18		2	1	3	4
Do	June 3		437	30				16	20			1	5	3
Monterey	June 25	100,000	84	7						2	7			
Moscow	June 3	1,500,000	720	78				11	3	4	9	7	13	2
Do	June 10		910	77				9	1	1	10	10	21	8
Montreal	June 17	450,000	149	18							2	1		
Do	June 24		197	12							4	2		1
Nagasaki	May 28	178,074	39	9								2		
Nagoya	May 13	402,101	135							1		1		
Do	May 27		144							2	1	3		
Newcastle on Tyne	June 3	267,261	95	11								2	2	2
Do	June 10		76	10								4	4	6
Nottingham	do	259,942	64										2	3
Odessa	June 3	546,000	163	24					1		2			
Do	June 10		171	22					3	3		4		1

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.
Ottawa.....	June 17	86,000	25	3						1		1		
Do.....	June 24		28	1						1		1		
Palermo.....	June 10	340,000	202	12					10	3	2	1		
Paris.....	do	2,846,986	820	165						5	2	3	32	7
Port of Spain.....	May 6	60,000	35	4						1				
Do.....	May 20		27	5										1
Port Said.....	May 27	52,811	50	1				3						
Prague.....	June 10	235,556	71	18							1	1	1	1
Quebec.....	June 24	85,000	3	3										
Rio de Janeiro.....	May 6	870,475	69	6						2		1	4	2
Do.....	May 20		370	58								1	2	3
Do.....	May 27		383	62				1				2	1	1
Rotterdam.....	June 10	430,380	111									2		
Saigon.....	May 21	206,000	16		7	8		1						
Salaverry.....	June 12	1,700			1									
Samsun.....	June 4	30,000				88								
Shanghai.....	May 28	492,000	123	18							4	1		
Sheffield.....	June 10	454,653	104	7								1	4	1
Do.....	June 17		108	9								3	3	3
Singapore.....	May 13	303,328	406	56		1		1		3		1		
Southampton.....	June 17	119,394	31	2						2			1	1
South Shields.....	June 3	108,649	37	4									7	
Do.....	June 10		32	1									4	
Stockholm.....	June 3	343,832	114	28					3			2	1	
Talcahuana.....	May 27	28,000	2	2										1
Do.....	June 3		1						2					1
Tampico.....	June 20	24,352	61	2					2				2	
Trieste.....	June 10	229,499	90			1		1					1	
Valencia.....	do	240,000	106	8									2	
Do.....	June 17		81	6						1			1	
Valparaiso.....	June 4	196,596						4						
Victoria.....	June 24	40,000	11	2						1				
Vienna.....	June 3	2,047,968	703	115					1	1	5	4	16	3
Yokohama.....	June 5	419,630								2	3	1		

¹ On s. s. Saxonia.

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

EGYPT—*Alexandria*.—Month of April, 1911. Population, 450,000. Total number of deaths from all causes 822, including diphtheria 7, measles 7, scarlet fever 1, smallpox 9, tuberculosis 83, typhoid fever 8.

Month of May, 1911. Total number of deaths from all causes 1,052, including diphtheria 7, measles 5, plague 1, scarlet fever 3, smallpox 18, tuberculosis 87, typhoid fever 19, typhus fever 2.

FRANCE—*Marseille*.—Month of May, 1911. Population, 550,619. Total number of deaths from all causes 971, including diphtheria 4, measles 97, scarlet fever 2, smallpox 1, tuberculosis 152, typhoid fever 17.

GREAT BRITAIN.—Week ended June 10, 1911.

England and Wales.—The deaths registered in 77 great towns correspond to an annual rate of 12.2 per 1,000 of the population, which is estimated at 16,257,983.

Ireland.—The deaths registered in 21 principal-town districts correspond to an annual rate of 16.1 per 1,000 of the population, which is estimated at 1,149,495. The lowest rate was recorded at Newry, viz, 4.4, and the highest at Londonderry, viz, 23.

Scotland.—The deaths registered in 8 principal towns correspond to an annual rate of 14.9 per 1,000 of the population, which is estimated at 1,170,291. The lowest rate was recorded at Aberdeen, viz, 10.9, and the highest at Glasgow, viz, 16.1 per 1,000. The total number of deaths from all causes was 489, including diphtheria 6, measles 10, scarlet fever 1, typhoid fever 2.

ITALY—*Milan*.—Month of May, 1911. Population, 900,000. Total number of deaths from all causes 186, including diphtheria 4, measles 27, scarlet fever 1, tuberculosis 144, typhoid fever 8.

RUSSIA—*Riga*.—Month of March, 1911. Population, 355,000. Total number of deaths from all causes 643, including diphtheria 9, measles 7, scarlet fever 18, smallpox 19, tuberculosis 92, typhoid fever 6, typhus fever 3.

SPAIN—*Cadiz*.—Month of May, 1911. Population, 67,306. Total number of deaths from all causes not reported. The deaths include tuberculosis 29, typhoid fever 1.

SOUTH AFRICA—*Johannesburg*.—Two weeks ended May 13, 1911. Population 220,304. Total number of deaths from all causes 188, including measles 2, tuberculosis 25, typhoid fever 10.

By authority of the Secretary of the Treasury:

WALTER WYMAN,

Surgeon General,

United States Public Health and Marine-Hospital Service.