

# PUBLIC HEALTH REPORTS.

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No. 31.

## UNITED STATES.

### THE CHOLERA SITUATION.

No case of cholera has arrived at quarantine nor been reported in the United States since those noted in the last issue of the Public Health Reports.

On July 28 a request was addressed to Dr. Montizambert, director of public health of Canada, to apply bacteriological examination to Italian steerage passengers coming to the United States by way of Canada to determine whether such passengers were bacillus carriers. In response Dr. Montizambert stated July 29 that a ministerial order had been issued providing for bacteriological examination of all Italian steerage passengers before admission to Canada for the purpose of excluding bacillus carriers, and that a bacteriologist had been appointed at Grosse Isle quarantine station, Quebec, and that others would be appointed at Halifax and St. Johns. He also forwarded the following circular:

CIRCULAR TO QUARANTINE OFFICERS, THE COMMISSIONER OF CUSTOMS, SHIP OWNERS, AGENTS, AND OTHERS CONCERNED.

OFFICE OF THE DIRECTOR GENERAL OF PUBLIC HEALTH,  
*Ottawa, Canada, July 27, 1911.*

SIR or MRS: I am directed by the honorable the minister of agriculture to inform you that, in order to diminish the danger of the introduction of Asiatic cholera into this country, he has issued the following orders:

All steerage passengers arriving at ports in Canada from ports or places infected with cholera shall be subject to bacteriological examination at the quarantine station of the port and shall not be permitted to pass such station or to make customs entry, until it has been determined by such examination that they are not cholera-bacillus carriers. This regulation shall apply until further notice to steerage passengers from Italy coming directly or via intermediate ports.

For all cholera contacts arriving on vessels upon which cholera has occurred, the period of detention under quarantine observation shall be 10 days, unless after 5 days' detention they are found not to be cholera-bacillus carriers.

Your obedient servant,

F. MONTIZAMBERT,  
*Director General of Public Health.*

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

[Adopted since Jan. 1, 1910.]

### BRIDGEPORT, CONN.

#### NUISANCES—PRIVIES, STABLES, REFUSE, GARBAGE, WEEDS.

**SECTION 1.** Whenever any privy vault becomes, in the judgment of the board of health or health officer, a nuisance, said board or health officer may order the privy vault abolished and the premises connected with the street sewer or a cesspool.

**SEC. 2.** No building, except a livery stable, shall be used for the keeping of horses or cattle within 25 feet of any dwelling house without a permit from the board of health or health officer.

**SEC. 3.** Whenever the drainage from any stable in the city becomes, in the judgment of the board of health or health officer, a nuisance, said board or health officer may order the premises connected with the street sewer or a cesspool. No cesspool shall be permitted to overflow nor be covered with less than 1 foot of earth.

**SEC. 4.** No water from a sink or drain, or stable, or dirty water of any kind shall be thrown or allowed to run upon the surface of the ground, but it shall be carried away by suitable pipes to the street sewer, or a cesspool if there be no public sewer available.

**SEC. 5.** The owners or agents of unoccupied buildings or sheds in the city shall keep them closed at all times against persons who may enter and commit a nuisance therein.

**SEC. 6.** No boxes or barrels or cans or receptacles of any kind capable of holding water, nor wastes or rubbish of any kind likely to harbor mosquitoes, shall be allowed in any yard within the city limits, unless the same be kept under cover and secure from rain.

**SEC. 7.** The owner of an ash receptacle shall provide for it a tight cover when notified to do so by the health officer or sanitary inspector.

**SEC. 8.** All garbage receptacles must be kept covered by the householder using the same, and secure from rain or snow.

**SEC. 9.** Any person depositing upon a public dumping ground or upon any premises within the city limits any paper, rags, feathers, or other similar refuse shall dispose of them in such a manner as to prevent their being blown upon any street or other premises.

**SEC. 10.** Any person, firm, or corporation owning land within the city limits and permitting the deposit on the same of papers, rags, feathers, or other light refuse shall cause such material or refuse to be so disposed of as to prevent its being blown upon any street or other premises.

**SEC. 11.** No paper, ashes, hair, feathers, or other substances that are in a similar manner liable to be blown by the wind shall be exposed or agitated in the open air; nor shall any mat, carpet, or cloth be shaken or beaten where particles therefrom set in motion thereby will pass into any dwelling house or store, or into any yard where clothes are being dried, or become a nuisance to persons using the public sidewalk or street.

**SEC. 12.** All owners of lots within the second district of the city shall keep the weeds cut upon such premises. No weeds shall be permitted to grow more than 1 foot in height.

**SEC. 13.** Any person, firm, or corporation violating any of the provisions of these by-laws relating to sanitation, or any order of the board of health or health officer relative thereto, shall upon conviction be fined not more than \$10 for each offense. [By-law, board of health, adopted May 9, 1911.]

### COLUMBUS, GA.

#### STABLES AND COW LOTS—REGULATION OF.

\* \* \* \* \*

**SEC. 4.** It is wisdom to prevent the breeding of flies as far as possible, and as flies breed more abundantly and rapidly in manure piles than any other source, therefore no person, firm, or corporation shall be allowed to keep on his, her, or their premises within the city of Columbus horses, mules, or cows without cleaning and sprinkling the floor or surface of stall, stable, or lot in which said animals are kept every morning from April 1 to September 31 each year with some disinfectant and at least once a week from October 1 to March 31 each year. That the excreta of such animals shall not be allowed to remain on such premises for a longer period than one week, when it shall be removed to some point without the city; but as long as it shall stay on the premises it shall be constantly sprinkled with some disinfectant or securely screened.

\* \* \* (Ordinance adopted May 5, 1911.)

**HOUSTON, TEX.**

**MILK—RULES AND REGULATIONS WHICH MUST BE OBSERVED BY FARMERS AND DAIRYMEN IN THE CARE OF COWS AND HANDLING OF MILK SHIPPED TO OR SOLD IN THE CITY OF HOUSTON.**

*The cows.*

1. The cows must be kept clean.
2. The teats and udders must be washed and dried with a clean cloth immediately before milking.
3. Manure, dirt, or other filth must not be permitted to remain upon the belly, flanks, or tail while being milked.

*Stables.*

1. Cow stables must be well lighted and ventilated.
2. Floors must be tight and well drained.
3. Manure must be removed from the stalls and gutters at least twice daily. This must not be done during milking nor within one hour prior thereto.
4. Walls and ceiling must be kept clean.
5. The ceiling must be so constructed that dust and dirt therefrom shall not readily fall to the floor or into the milk.
6. Stables must be whitewashed at least once a year.

*The water supply.*

1. The water used in the barn and for washing milk utensils must be free from contamination.

*The milk house.*

1. A milk house must be provided which is separated from the stable and dwelling house.
2. It must be kept clean and must not be used for any purpose except the handling of milk.
3. The milk house or any room where milk is handled, separated, churned, or kept must be screened and protected against the entrance of dogs, chickens, flies, and all other animals except human employees.

*The milk wagon.*

1. The inside of the milk wagon must be kept clean.
2. All milk wagons must have a top or some other means of protection from the sun.
3. All containers of milk from which any part of the cream or butter fat has been removed must be labeled "skimmed milk" in letters 2 inches high.
4. Milk bottles must not be filled in the wagons or on the streets.

*The milkers.*

1. No person having a communicable disease, or one caring for persons having such disease, must be allowed to handle the milk or milk utensils.
2. Any case of typhoid, "slow fever" or "continued fever" at the dairy or homes of dairy employees must be reported at once to the health officer by the dairyman and by the physician in charge.
3. The hands of the milkers must be washed and dried immediately before milking.
4. The hands and teats should be kept dry during the milking.
5. The practice of moistening the hands with milk is prohibited.
6. Any person with sores on his hands or fingers must not be allowed to milk a cow.

*The utensils.*

1. All milk utensils, including pails, cans, strainers, dippers, and separators, must be kept thoroughly clean and must be washed and scalded after each using.

*The milk.*

1. Milk from a diseased cow must not be sold.
2. All milk drawn from cows 15 days before and 5 days after calving must not be sold.
3. After or before parturition do not use milk until reliable tests show the absence of colostrum.
4. If any part of the milk of a cow is bloody, stringy, or unnatural in appearance, all the milk must be rejected.
5. The milk must not be in any way adulterated.

6. Anything added to or taken from the milk, in law is an adulteration.
7. The straining of milk must be done in the milk house only.
8. All bottled milk must be bottled in the dairy milk house or creamery.

*The barnyard.*

1. It must be well drained.
2. Manure must not be allowed to collect in the barnyard and must not be stored within 100 feet from the well, milk house, or stable.

*Penalty.*

For each and every violation of above rules the permit to sell milk in Houston will be revoked by the city health officer. [Regulation, board of health, adopted Jan. 1, 1911.]

**ORANGE, N. J.**

SANITARY AND PLUMBING CODE—AMENDMENT.

An ordinance to amend an ordinance entitled "The sanitary and plumbing code of the board of health of the city of Orange," adopted December 1, 1900.

1. Section 94 of the ordinance to which this is an amendment is hereby amended to read as follows:

"SEC. 94. Every master and foreman plumber, before doing any plumbing work whatever within the limits of the city of Orange, shall appear in person at the office of the board of health and register his name and place of business with the secretary; and in case of change of address, again register as aforesaid; and shall also make and execute unto this board a bond in the sum of \$500, with sufficient surety, conditioned for the faithful and proper performance, in accordance with the rules, regulations, and ordinances of this board, of all plumbing work, both inside and outside of buildings, done by him in said city, which said bond is to be approved by this board: *Provided, however,* That any master plumbers' association duly incorporated under the laws of this State may furnish a bond in the sum of \$2,000, conditioned as aforesaid, for the faithful and proper performance, in accordance with the rules, regulations, and ordinances of this board, of all plumbing work, both inside and outside of buildings, done by any one of its members in this city, which bond, when approved by this board, will be accepted in lieu of the bonds hereinabove provided for as to all members of such association, and all bonds filed under this section shall expire on the 1st day of May next following the filing thereof, and shall be renewed annually on the 1st day of May in each year."

2. All ordinances and parts of ordinances inconsistent herewith are hereby repealed. [Ordinance, board of health, adopted June 5, 1911.]

**SEATTLE, WASH.**

SPITTING.

SECTION 1. It shall be unlawful for any person to expectorate upon the floor or in any other part of any street-railway car or cars in use by steam railroads or any other public conveyance in the city of Seattle, or upon the floor or other portions of any public building or building used for public assemblage, or upon any playground, parks, public places, or sidewalks: *Provided,* That the prohibition hereinabove contained shall not apply to those portions of the public streets of the city commonly and ordinarily used for team and vehicle traffic.

SEC. 2. That it shall be the duty of the chief of the police department and the commissioner of health of the city of Seattle to enforce the provisions of this ordinance.

SEC. 3. That any person found guilty of a violation of this ordinance shall be fined in any sum not exceeding the sum of \$100, or imprisoned in the city jail for a term not exceeding 30 days, or may be both fined and imprisoned.

Whereas the protection of the public health demands that this ordinance become effective without delay:

Now, therefore, by reason of the foregoing facts, an emergency is hereby declared to exist in which it is necessary for the immediate preservation of the public peace, health, and safety that this ordinance become effective without delay.

SEC. 4. This ordinance shall take effect and be in force from and after its passage and approval, if approved by the mayor; otherwise it shall take effect at the time it shall become a law under the provisions of the city charter. [Ordinance approved June 30, 1910.]

## LEPROSY IN MASSACHUSETTS.

The following information was received July 21 from Dr. Mark W. Richardson, secretary of the State board of health of Massachusetts:

A case of leprosy was reported January 17 in the person of a Japanese. The patient came to Boston seven years ago, residing in that city a year and a half. He passed one year in Japan and six months in China and lived at Seattle, Wash., a year and a half. He has lived in Boston for the past three years. His parents were never in America. His home in Japan was about 300 miles from Tokyo. He is by trade a carpenter.

On May 10 a case of leprosy was reported in the person of an Italian woman who landed in New York in September, 1907, went direct to Boston, and has lived there continuously. The patient was removed May 14 to Penikese.

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## PLAGUE-PREVENTION WORK.

### PLAGUE CASE IN CONTRA COSTA COUNTY, CAL.

Surg. Blue reports July 25 the occurrence of a case of illness, clinically plague, in Contra Costa County, Cal., 1 mile northwest of La Fayette. The case occurred in a child aged 7 years, nativity California. The infection was probably from a squirrel.

### DISTRIBUTION OF POISON.

In connection with the making of a squirrel-free zone around the cities of California on San Francisco Bay, 3,021 acres of land in Alameda County and 1,570 acres in Contra Costa County were covered with poison during the week ended June 24, 1911.

During the week ended July 1, 1911, 3,875 acres of land in Alameda County and 1,775 in Contra Costa County were covered with poison in connection with the making of a squirrel-free zone around the cities in California on San Francisco Bay. During the same period 167 acres in Merced County and 95 acres in San Benito County were covered with poison for the purpose of eradicating plague foci.

**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.
<b>California:</b>				
<b>Cities—</b>				
San Francisco.....	Jan. 30, 1908.....	Oct. 23, 1908....	None.....	398 rats.
Oakland.....	Oct. 26, 1908.....	Dec. 1, 1908.....	.....do.....	126 rats.
Berkeley.....	Aug. 28, 1907.....	None.....	.....do.....	None.
Los Angeles.....	Aug. 11, 1908.....	.....do.....	Aug. 21, 1908....	1 squirrel.
<b>Counties—</b>				
Alameda (exclusive of Oakland and Berkeley).	Sept. 26, 1909.....	{ Wood rat, Oct. 17, 1909. }	May 24, 1911.....	{ 103 squirrels. 1 wood rat.
Contra Costa.....	July 21, 1908.....	None.....	Apr. 3, 1911.....	248 rats.
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.
<b>Washington:</b>				
Seattle.....	Oct. 30, 1907.....	Feb. 8, 1910.....	None.....	22 rats.

**Rats Collected and Examined for Plague Inspection.**

Places.	Week ended—	Found dead.	Total collected.	Examined.	Found infected.
<b>California:</b>					
<b>Cities—</b>					
Berkeley.....	June 24.....	.....	1 169	97	.....
Oakland.....	.....do.....	27	2 640	512	.....
San Francisco.....	.....do.....	17	3 1,706	1,232	.....
<b>County—</b>					
Pumas.....	.....do.....	.....	4 1	1	.....
<b>Washington:</b>					
Seattle.....	.....do.....	.....	626	556	.....
<b>California:</b>					
<b>Cities—</b>					
Berkeley.....	July 1.....	.....	5 150	120	.....
Oakland.....	.....do.....	33	6 614	546	.....
San Francisco.....	.....do.....	42	7 1,558	1,037	.....
<b>Washington:</b>					
Seattle.....	.....do.....	.....	1,194	1,021	.....

- 1 Identified, *Mus norvegicus* 112, *Mus musculus* 57.
- 2 Identified, *Mus norvegicus* 537, *Mus musculus* 52, *Mus alexandrinus* 1.
- 3 Identified, *Mus norvegicus* 1,006, *Mus musculus* 353, *Mus alexandrinus* 150, *Mus rattus* 197.
- 4 Identified, *Mus norvegicus* 1.
- 5 Identified, *Mus norvegicus* 125, *Mus musculus* 25.
- 6 Identified, *Mus norvegicus* 545, *Mus musculus* 63, *Mus alexandrinus* 1.
- 7 Identified, *Mus norvegicus* 915, *Mus musculus* 311, *Mus rattus* 174, *Mus alexandrinus* 153.

**Squirrels Collected and Examined for Plague Infection.**

Places.	Week ended—	Shot or trapped.	Found dead.	Examined.	Found infected.
<b>California:</b>					
<b>Cities—</b>					
San Francisco.....	June 24.....	1	.....	1	.....
<b>Counties—</b>					
Alameda.....	.....do.....	178	8	186	.....
Butte.....	.....do.....	16	.....	16	.....
Calaveras.....	.....do.....	103	.....	103	.....
Contra Costa.....	.....do.....	495	311	801	.....
El Dorado.....	.....do.....	20	.....	20	.....
Fresno.....	.....do.....	37	.....	37	.....
Glenn.....	.....do.....	220	.....	215	.....
Lake.....	.....do.....	172	.....	172	.....
Los Angeles.....	.....do.....	482	.....	477	.....
Mendocino.....	.....do.....	204	18	222	.....

## Squirrels Collected and Examined for Plague Infection.

Places.	Week ended—	Shot or trapped.	Found dead.	Examined.	Found infected.
<b>California—Continued.</b>					
<b>Counties—Continued.</b>					
Merced.....	June 24	250	2	252	.....
Monterey.....	do.....	635		624	.....
Plumas.....	do.....	36	25	61	.....
Riverside.....	do.....	421		416	.....
San Joaquin.....	do.....	344		344	.....
San Luis Obispo.....	do.....	551		544	.....
San Mateo.....	do.....	157		157	.....
Santa Clara.....	do.....	90		90	.....
Siskiyou.....	do.....	158		158	.....
Sonoma.....	do.....	52		52	.....
Stanislaus.....	do.....	371		371	.....
Sutter.....	do.....	32		32	.....
Tehama.....	do.....	66		66	.....
Tuolumne.....	do.....	15		15	.....
Yolo.....	do.....	202	58	260	.....
Total.....		5,308	422	5,692	.....
<b>California:</b>					
<b>Counties—</b>					
Alameda.....	July 1	341	40	381	.....
Butte.....	do.....	7		7	.....
Calaveras.....	do.....	109		109	.....
Contra Costa.....	do.....	377	309	672	.....
Glenn.....	do.....	189		189	.....
Lake.....	do.....	174		170	.....
Los Angeles.....	do.....	444	10	439	.....
Mendocino.....	do.....	186	7	193	.....
Merced.....	do.....	62	40	102	.....
Monterey.....	do.....	454	4	448	.....
Plumas.....	do.....	31		31	.....
Riverside.....	do.....	201		197	.....
San Benito.....	do.....	84	29	113	.....
San Joaquin.....	do.....	281		281	.....
San Luis Obispo.....	do.....	650		641	.....
Siskiyou.....	do.....	149		149	.....
Sonoma.....	do.....	36	1	37	.....
Stanislaus.....	do.....	338		338	.....
Sutter.....	do.....	36		36	.....
Tehama.....	do.....	52		52	.....
Tuolumne.....	do.....	38		38	.....
Yolo.....	do.....	122	1	123	.....
<b>Nevada:</b>					
<b>Counties—</b>					
Ormsby.....	do.....	27		27	.....
Total.....		4,388	441	4,773	.....

## Other Animals Collected and Examined.

Places.	Week ended—	Animals collected.	Examined.	Found infected.
<b>California:</b>				
<b>Counties—</b>				
Contra Costa.....	June 24	1 rabbit.....	1	.....
Fresno.....	do.....	do.....	1	.....
Glenn.....	do.....	10 rabbits.....	10	.....
Lake.....	do.....	2 rabbits.....	2	.....
Los Angeles.....	do.....	8 rabbits, 10 kangaroo rats.....	18	.....
Monterey.....	do.....	2 rabbits.....	2	.....
Plumas.....	do.....	6 chipmunks.....	4	.....
Riverside.....	do.....	3 rabbits.....	3	.....
San Joaquin.....	do.....	1 rabbit.....	1	.....
San Luis Obispo.....	do.....	4 rabbits, 1 chipmunk.....	4	.....
San Mateo.....	do.....	3 rabbits.....	3	.....
Sonoma.....	do.....	4 rabbits.....	4	.....
Stanislaus.....	do.....	2 rabbits.....	2	.....
Yolo.....	do.....	11 rabbits.....	11	.....
Total.....			66	.....

Other Animals Collected and Examined.

Places.	Week ended—	Animals collected.	Examined.	Found infected.
<b>California—Continued.</b>				
Cities—				
San Francisco.....	July 1	1 gopher.....	1	
Counties—				
Contra Costa.....	do.	32 rabbits.....	32	
Glenn.....	do.	11 rabbits.....	11	
Lake.....	do.	3 rabbits.....	3	
Los Angeles.....	do.	1 rabbit, 2 owls, 3 wood rats.....	4	
Plumas.....	do.	2 gophers, 6 chipmunks.....	8	
Riverside.....	do.	1 weasel, 8 rabbits.....	9	
San Joaquin.....	do.	5 rabbits.....	5	
San Luis Obispo.....	do.	4 rabbits.....	4	
Sonoma.....	do.	6 rabbits.....	6	
Stanislaus.....	do.	1 rabbit.....	1	
Tehama.....	do.	2 rabbits.....	2	
Yolo.....	do.	11 rabbits.....	11	
Total.....			97	

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 Aug. 4, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Indiana:</b>				
Counties—				
Allen.....	June 1-30.....	1		
Benton.....	do.....	2		
Blackford.....	do.....	4		
Clinton.....	do.....	7		
Delaware.....	do.....	12		
Howard.....	do.....	14		
Jay.....	do.....	2		
Laporte.....	do.....	2		
Madison.....	do.....	16		
Marion.....	do.....	3		
Parke.....	do.....	1		
Posey.....	do.....	3		
Shelby.....	do.....	3		
Tipton.....	do.....	5		
Vanderburg.....	do.....	1	1	
Wabash.....	do.....	2		
Wayne.....	do.....	12		
Total for State.....		90	1	
<b>*Kentucky:</b>				
Covington.....	July 16-22.....	3		
<b>Michigan:</b>				
Counties—				
Antrim.....	June 1-30.....	2		
Calhoun.....	do.....	8		
Grand Traverse.....	do.....	6		
Isabella.....	do.....	1		
Mackinac.....	do.....	1		
Marquette.....	do.....	1		
Oakland.....	do.....	1		
Ottawa.....	do.....	1		
St. Clair.....	do.....	8		
Shiawassee.....	do.....	1		
Washtenaw.....	do.....	3		
Wayne.....	do.....	5		
Total for State.....		38		



## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received During Week Ended Aug. 4, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
*Missouri:				
Kansas City.....	June 1-30.....	17		
New York:				
Counties—				
Clinton.....	do.....	1		
Erie.....	do.....	12		
Franklin.....	do.....	1		
Monroe.....	do.....	4		
Onondaga.....	do.....	3		
Otsego.....	do.....	1		
St. Lawrence.....	do.....	4		
Tioga.....	do.....	1		
Ulster.....	do.....	5		
Total for State.....		32		
North Carolina:				
Counties—				
Alamance.....	June 1-30.....	1		Estimated.
Avery.....	do.....	50		
Bertie.....	do.....	1		
Catawba.....	do.....	1		
Chatham.....	do.....	2		
Craven.....	do.....	3		
Cumberland.....	do.....	2		
Edgecombe.....	do.....	4		
Haywood.....	do.....	3		
Henderson.....	do.....	4		
New Hanover.....	do.....	6		
Pasquotank.....	do.....	2		
Rowan.....	do.....	1		
Watauga.....	do.....	2		
Total for State.....		82		
South Dakota:				
Counties—				
Brookings.....	Apr. 1-30.....	9		
Brown.....	do.....	2		
Brule.....	do.....	4		
Fall River.....	do.....	8		
Grant.....	do.....	3		
Hutchinson.....	do.....	1		
Lawrence.....	do.....	2		
Lyman.....	do.....	13	1	
McCook.....	do.....	10		
Miner.....	do.....	1		
Minnehaha.....	do.....	1		
Pennington.....	do.....	39		
Spink.....	do.....	1		
Tripp.....	do.....	2		
Total for State.....		96	1	
*Tennessee:				
Counties—				
Knox—				
Knoxville.....	July, 16-22.....	4		
Shelby.....	June 1-30.....	9		
Total for State.....		13		
Texas:				
Counties—				
Bell.....	June 1-30.....	2		
Cameron.....	do.....	1		
Childress.....	do.....	1		
Galveston.....	do.....	5		
Hall.....	do.....	1		
Hunt.....	do.....	1		
Tarrant.....	do.....	6		
Wayne.....	do.....	5		
Total for State.....		22		
Washington:				
Counties—				
Chehalis.....	May 1-31.....	2		
Chelan.....	do.....	1		

**SMALLPOX IN THE UNITED STATES—Continued.**

**Reports Received During Week Ended Aug. 4, 1911.**

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Washington—Continued.</b>				
<b>Counties—Continued.</b>				
Columbia.....	May 1-31.....	5.....	.....	
Cowlitz.....	do.....	1.....	.....	
Garfield.....	do.....	3.....	.....	
King.....	do.....	27.....	.....	
Mason.....	do.....	28.....	.....	
Pierce.....	do.....	7.....	.....	
San Juan.....	do.....	1.....	.....	
Skagit.....	do.....	4.....	.....	
Spokane.....	do.....	5.....	.....	
Thurston.....	do.....	1.....	.....	
Whatcom.....	do.....	5.....	.....	
Whitman.....	do.....	17.....	.....	
Yakima.....	do.....	35.....	.....	
Total for State.....		142.....		

**Reports Received from July 1 to July 28, 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.
<b>*Alabama:</b>				
Mobile.....	June 18-24.....	3.....	.....	
Montgomery.....	June 25-July 1.....	2.....	.....	
Total for State.....		5.....		
<b>California:</b>				
<b>Counties—</b>				
Santa Cruz.....	May 1-31.....	1.....	.....	
San Diego.....	do.....	1.....	.....	
San Francisco.....	do.....	1.....	.....	
Los Angeles.....	do.....	5.....	.....	
Total for State.....		8.....		
<b>Colorado:</b>				
<b>Counties—</b>				
Boulder.....	June 1-30.....	1.....	.....	
Chaffee.....	do.....	3.....	.....	
Clear Creek.....	do.....	5.....	.....	
Conejos.....	do.....	4.....	.....	
Costilla.....	do.....	1.....	.....	
Delta.....	do.....	7.....	.....	
Denver.....	do.....	20.....	.....	
El Paso.....	do.....	2.....	.....	
Huerfano.....	do.....	3.....	.....	
Lake.....	do.....	6.....	.....	
La Plata.....	do.....	4.....	.....	
Larimer.....	do.....	8.....	.....	
Lincoln.....	do.....	2.....	.....	
Mesa.....	do.....	1.....	.....	
Phillips.....	do.....	1.....	.....	
Pueblo.....	do.....	5.....	.....	
San Miguel.....	do.....	1.....	.....	
Washington.....	do.....	6.....	.....	
Total for State.....		80.....		
District of Columbia.....	July 2-8.....	5.....	.....	
<b>Florida:</b>				
<b>Counties—</b>				
Citrus.....	July 9-16.....	1.....	.....	
Columbia.....	July 2-8.....	1.....	.....	
De Soto.....	June 16-July 8.....	3.....	.....	
Duval.....	June 16-July 9.....	23.....	.....	
Escambia.....	do.....	5.....	.....	
Gadsden.....	July 9-16.....	20.....	.....	
Hillsboro.....	June 16-July 16.....	2.....	.....	
Jackson.....	July 2-8.....	31.....	.....	

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to July 28, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Florida—Continued.</b>				
<b>Counties—Continued.</b>				
Leon.....	June 16-July 8...	11		
Levy.....	July 9-16.....	1		
Manatee.....	June 16-July 8...	8		
Marion.....	July 9-16.....	1		
Orange.....	June 16-July 16...	2		
Pasco.....	July 9-16.....	20		
Polk.....	June 16-July 16...	5		
Santa Rosa.....	July 9-16.....	6		
Volusia.....	do.....	1		
Total for State.....		141		
<b>*Kentucky:</b>				
Covington.....	July 2-8.....	7		
Louisville.....	May 1-31.....	4		
Total for State.....		11		
<b>Louisiana:</b>				
<b>Parishes—</b>				
Ascension.....	Mar. 1-31.....	21		
Morehouse.....	Apr. 1-30.....	4		
<b>Orleans—</b>				
New Orleans.....	June 25-July 15...	2		
St. Tammany.....	Mar. 1-31.....	3		
Tangipahoa.....	Mar. 1-Apr. 30...	21		
Total for State.....		51		
<b>Maine:</b>				
<b>Counties—</b>				
Somerset.....	June 1-30.....	3		
<b>Maryland:</b>				
<b>Counties—</b>				
Frederick.....	do.....	2		
Washington.....	do.....	1		
Total for State.....		3		
<b>Minnesota:</b>				
<b>Counties—</b>				
Ramsey.....	Mar. 1-31.....		1	Cases in March, reported on p. 683, vol. 1.
<b>*Missouri:</b>				
St. Louis.....	June 18-24.....	1		
<b>*Nebraska:</b>				
Omaha.....	June 19-July 1...	3		
<b>New Jersey.....</b>				
	June 1-30.....			No cases.
<b>North Dakota:</b>				
<b>Counties—</b>				
Billings.....	do.....	3		
Morton.....	do.....	1		
Montraille.....	do.....	6		
Ward.....	do.....	1		
Total for State.....		11		
<b>Ohio:</b>				
<b>Counties—</b>				
Ashtabula.....	June 1-30.....	2		
Brown.....	do.....	4		
Clark.....	do.....	15		
Clermont.....	do.....	3		
Defiance.....	do.....	1		
Franklin.....	do.....	36		
Geauga.....	do.....	2		
Hamilton.....	do.....	7		
Licking.....	do.....	1		
Pickaway.....	do.....	3		
Sandusky.....	do.....	1		
Total for State.....		75		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to July 28, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Oklahoma:</b>				
Counties—				
Caddo.....	May 1-31.....	1		
Cleveland.....	do.....	34		
Custer.....	do.....	5		
Dewey.....	do.....	6		
Garvin.....	do.....	19		
Haskell.....	do.....	1		
Hughes.....	do.....	3		
Jefferson.....	do.....	4		
Johnson.....	do.....	3		
Kay.....	do.....	6		
Kingfisher.....	do.....	1		
Kiowa.....	do.....	1		
Le Flore.....	do.....	1		
McLain.....	do.....	18		
McIntosh.....	do.....	1		
Nowata.....	do.....	1		
Okfuskee.....	do.....	1		
Oklahoma.....	do.....	7		
Pontotoc.....	do.....	5		
Pushmataha.....	do.....	2		
Roger Mills.....	do.....	2		
Seminole.....	do.....	15		
Tulsa.....	do.....	9		
Wagoner.....	do.....	1		
Washita.....	do.....	1		
Woodward.....	do.....	1		
Total for State.....		149		
<b>Pennsylvania:</b>				
Entire State.....				
	May 1-31.....	37		
<b>South Dakota:</b>				
Counties—				
Beadle.....	May 1-31.....	13		
Brule.....	do.....	2		
Davison.....	do.....	2		
Fall River.....	do.....	10		
Grant.....	do.....	1		
Hanson.....	do.....	1		
Jerauld.....	do.....	1		
Kingsbury.....	do.....	8		
Lawrence.....	do.....	1		
Lyman.....	do.....	3		
McCook.....	do.....	1		
Miner.....	do.....	2		
Minnehaha.....	do.....	3		
Pennington.....	do.....	7		
Sanborn.....	do.....	3		
Spink.....	do.....	2		
Trip.....	do.....	2		
Total for State.....		62		
<b>*Tennessee:</b>				
Counties—				
Knox—				
Knoxville.....	June 18-24.....	5		
<b>Texas:</b>				
Counties—				
Denton—				
Denton.....	Apr. 1-30.....	4		
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		

Omitted on p. 813, vol. 1.

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to July 28, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Texas—Continued.</b>				
<b>Counties—Continued.</b>				
Tarrant.....	May 1-31.....	3		
Titus.....	do.....	5		
Wichita.....	do.....	6		
√ Total for State.....		120		
<b>Utah:</b>				
<b>Counties—</b>				
Beaver.....	May 1-31.....	16		
Boxelder.....	do.....	18		
Cache.....	do.....	12		
Carbon.....	do.....	9	1	
Emery.....	do.....	4		
Garfield.....	do.....	1		
Piute.....	do.....	9		
Salt Lake.....	do.....	13		
Sanpete.....	do.....	16		
Sevier.....	do.....	18		
Tooele.....	do.....	27		
Uinta.....	do.....	1		
Utah.....	do.....	2	1	
Washington.....	do.....	1		
Weber.....	do.....	7		
Total for State.....		154	2	
<b>Virginia:</b>				
<b>Counties—</b>				
Brunswick.....	Mar. 1-May 31.....	49		
Campbell.....	May 1-June 30.....	1		
Dinwiddie.....	Apr. 1-May 31.....	19		
Fairfax.....	Mar. 1-Apr. 30.....	4		
Fauquier.....	Apr. 1-May 30.....	6		
Hanover.....	Mar. 1-Apr. 30.....	2		
Henrico.....	Mar. 1-June 30.....	14		
Henry.....	do.....	74		
Isle of Wight.....	May 1-31.....	1		
Lancaster.....	do.....	1		
Lee.....	Mar. 1-June 30.....	93		
Loudoun.....	Mar. 1-31.....	1		
Mecklenburg.....	Mar. 1-June 30.....	18		
Nansemond.....	Mar. 1-May 31.....	21		
Norfolk.....	Apr. 1-May 31.....	26		
Northampton.....	Apr. 1-30.....	1		
Page.....	do.....	8		
Pittsylvania.....	Mar. 1-May 31.....	42		
Prince William.....	Mar. 1-31.....	1		
Princess Anne.....	do.....	1		
Roanoke.....	May 1-31.....	1		
Southampton.....	Mar. 1-Apr. 30.....	9		
Surry.....	Mar. 1-31.....	2		
Sussex.....	Mar. 1-June 30.....	7		
Wise.....	do.....	15		
Total for State.....		417		
<b>Wisconsin:</b>				
<b>Counties—</b>				
Ashland.....	June 1-30.....	1		
Barron.....	do.....	3		
Douglas.....	do.....	2		
Iowa.....	do.....	8		
Milwaukee.....	do.....	1		
Vilas.....	do.....	1		
Wood.....	do.....	2		
Total for State.....		18		
Grand total for the United States.....		1,350	3	

MORBIDITY AND MORTALITY.

MORBIDITY AND MORTALITY TABLE, CITIES OF THE UNITED STATES, FOR WEEK ENDED JULY 15, 1911.

Cities.	Population, United States census 1910.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Small-pox.		Tuberculosis.		Typhoid fever.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
<i>Cities having over 500,000 inhabitants.</i>														
Baltimore, Md.	558,485	263	3	...	22	4	9	...	...	...	37	26	12	1
Boston, Mass.	670,585	394	34	3	52	1	11	...	...	...	34	20	4	1
Chicago, Ill.	2,185,283	613	98	12	57	2	72	11	...	...	170	57	22	8
Cleveland, Ohio.	560,663	186	13	1	9	...	62	3	...	...	31	12	5	...
New York, N. Y.	4,766,883	1,740	185	25	500	17	103	6	...	...	518	138	77	14
Philadelphia.	1,549,008	714	36	4	21	3	12	1	...	...	72	61	15	3
St. Louis, Mo.	687,029	251	11	1	7	2	17	1	...	...	46	17	24	6
<i>Cities having from 300,000 to 500,000 inhabitants.</i>														
Buffalo, N. Y.	423,715	157	10	...	6	...	3	1	...	...	15	13	9	5
Detroit, Mich.	465,766	143	13	...	...	...	2	...	...	...	...	...	...	...
Los Angeles, Cal.	319,198	70	4	...	4	1	4	...	...	...	44	12	4	...
Milwaukee, Wis.	373,857	...	8	1	15	3	10	1	...	...	15	5	9	2
Newark, N. J.	347,469	155	16	1	1	1	6	...	...	...	21	8	1	1
New Orleans, La.	339,075	108	6	...	25	1	5	...	1	...	22	16	21	3
San Francisco, Cal.	416,912	108	2	...	15	...	5	...	...	...	9	10	4	...
Washington, D. C.	331,069	171	11	...	28	...	2	...	...	...	20	12	12	...
<i>Cities having from 200,000 to 300,000 inhabitants.</i>														
Denver, Colo.	213,381	58	5	...	2	...	2	...	...	...	...	6	18	1
Jersey City, N. J.	267,779	123	...	1	...	...	...	...	...	...	...	11	...	...
Kansas City, Mo.	248,381	71	...	...	1	...	1	...	...	...	5	6	3	2
Providence, R. I.	224,326	105	4	1	...	...	1	1	1	...	5	10	...	1
Seattle, Wash.	237,194	33	7	...	12	...	5	...	...	...	12	6	1	...
<i>Cities having from 100,000 to 200,000 inhabitants.</i>														
Bridgeport, Conn.	102,054	51	...	...	2	...	1	...	...	...	4	4	...	...
Cambridge, Mass.	104,839	47	5	...	3	...	3	...	...	...	6	4	...	...
Columbus, Ohio.	181,548	70	1	...	6	...	4	...	1	...	2	14	3	1
Dayton, Ohio.	116,577	28	1	...	4	...	1	...	...	...	...	7	2	...
Fall River, Mass.	119,295	80	...	...	3	1	2	...	...	...	5	3	4	...
Grand Rapids, Mich.	112,571	29	4	...	...	...	3	...	...	...	2	2	4	1
Lowell, Mass.	106,294	67	1	...	...	...	2	...	...	...	5	2	...	...
Memphis, Tenn.	131,105	12	1	...	2	...	1	...	...	...	5	7	35	2
Nashville, Tenn.	110,364	42	...	...	...	...	4	...	...	...	2	3	16	1
Oakland, Cal.	150,174	34	2	...	1	...	...	...	...	...	1	2	...	...
Omaha, Nebr.	124,096	...	2	...	1	...	...	...	...	...	...	1	...	...
Richmond, Va.	127,628	73	2	...	8	...	2	...	1	...	4	11	12	...
Spokane, Wash.	104,402	30	...	...	9	...	5	1	...	...	...	2	2	2
Toledo, Ohio.	168,497	60	4	...	1	...	3	1	4	...	...	8	4	1
Worcester, Mass.	145,986	68	7	...	10	...	7	...	...	...	3	4	1	...
<i>Cities having from 50,000 to 100,000 inhabitants.</i>														
Altoona, Pa.	52,127	13	...	...	...	...	...	...	...	...	...	...	1	...
Bayonne, N. J.	55,545	26	2	...	5	...	1	...	...	...	2	3	...	...
Brockton, Mass.	56,878	13	...	...	3	...	3	...	...	...	3	1	...	...
Duluth, Minn.	78,466	...	1	...	3	...	2	...	1	...	3	6	3	...
Elizabeth, N. J.	73,409	34	4	...	1	...	3	1	...	...	...	1	...	...
Erie, Pa.	66,525	...	...	...	1	...	...	...	...	...	7	4	3	...
Evansville, Ind.	69,647	28	...	...	2	...	...	...	...	...	...	4	3	...
Fort Wayne, Ind.	63,933	15	5	...	...	...	...	...	...	...	...	1	1	...
Harrisburg, Pa.	64,186	19	1	...	3	...	...	...	...	...	9	1	...	...
Hoboken, N. J.	70,324	11	5	...	...	...	5	...	...	...	1	...	...	...
Houston, Tex.	78,800	20	...	...	...	...	...	...	...	...	...	1	...	1
Jacksonville, Fla.	57,699	14	...	...	...	...	2	...	10	...	...	2	7	...
Johnstown, Pa.	55,482	21	2	...	...	...	1	...	...	...	2	1	1	1
Kansas City, Kans.	82,331	30	1	...	1	...	1	...	...	...	1	5	5	3

## MORBIDITY AND MORTALITY—Continued.

Morbidity and mortality table, cities of the United States, for week ended July 15—Con.

Cities.	Population, 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.
<i>Cities having from 50,000 to 100,000 inhabitants—Continued.</i>														
Lawrence, Mass.	85,892	46	1		6	1						7	2	
Lynn, Mass.	89,336	26					2				3			
Manchester, N. H.	70,063	56		2							1	1		
New Bedford, Mass.	96,652	45			3		2				6	3	5	
Oklahoma City, Okla.	64,205	14			1		1					2	4	
Passaic, N. J.	54,773	31					1				1	1		
Peoria, Ill.	66,950	17											1	
Reading, Pa.	96,071	44	3	2		1	3				1	3	1	
San Antonio, Tex.	96,614	27										3	5	
Schenectady, N. Y.	72,826	23					1				1		1	
South Bend, Ind.	53,684	17										3		
Springfield, Ill.	51,678	19	1										2	
Springfield, Mass.	88,926	31			6						4	3	4	
Terre Haute, Ind.	58,157	20	4				3		1					
Trenton, N. J.	96,815	45	1				1				7	3	1	1
Wichita, Kans.	52,450	17						1				3		
Wilkes-Barre, Pa.	67,105	31	4		16						4			
Wilmington, Del.	87,411	31		2								3		
Yonkers, N. Y.	79,803	33	1		8		8				1			
<i>Cities having from 25,000 to 50,000 inhabitants.</i>														
Atlantic City, N. J.	46,150	14	1		4									
Auburn, N. Y.	34,668	7									1	1		
Aurora, Ill.	29,807		1											
Berkeley, Cal.	40,434				1						1	1		
Binghamton, N. Y.	48,443	23									3	1		
Brookline, Mass.	27,792	11			8						1			
Butte, Mont.	39,165						1		1			3	1	
Chelsea, Mass.	32,452	27	1		8						1			
Chicopee, Mass.	25,401	9									1	1		
Danville, Ill.	27,871	13			2			1			1	1	1	1
East Orange, N. J.	34,371	4	2				1				1			
Elmira, N. Y.	37,176	8			37						1	1	2	
El Paso, Tex.	39,279	19	2		1		2		2		1	3	2	
Everett, Mass.	33,484	10			6		3				1	2	1	
Haverhill, Mass.	44,115	17			1		3				1			
Hazleton, Pa.	25,452		1											
Kalamazoo, Mich.	39,437	18			1		2				1	2		
Knoxville, Tenn.	36,346	9			1							1	1	
La Crosse, Wis.	30,417	7		1			2					1	1	
Lancaster, Pa.	47,227	13									3	1	1	1
Lexington, Ky.	35,099	17									5	2	1	1
Lima, Ohio	30,508	9												
Little Rock, Ark.	45,941												40	4
Lynchburg, Va.	29,494	11												
Malden, Mass.	44,404	10	1		15								1	
Montgomery, Ala.	38,136						3					3	1	
Mount Vernon, N. Y.	30,919				1								2	
New Castle, Pa.	36,280		4				1						1	
Newport, Ky.	30,309	3					5				1	1		
Newton, Mass.	39,806	18			2		1				3	2	1	
Niagara Falls, N. Y.	30,445	13			3						2		2	1
Norristown, Pa.	27,875	21			6								2	
Orange, N. J.	29,630	11		1							1	3		
Pittsfield, Mass.	32,121	9									6		2	
Portsmouth, Va.	33,190	15											2	
Racine, Wis.	38,002	16	1										2	
Roanoke, Va.	34,874	20									4	4	4	1
Rockford, Ill.	45,401	14									2		3	
Sacramento, Cal.	44,686	17										3	3	
Salem, Mass.	43,697	17	1		19						1		1	
San Diego, Cal.	39,578	18									7	7		
South Omaha, Nebr.	26,259	4												
Superior, Wis.	40,384	12	8	1					1				1	
Taunton, Mass.	34,259	14	2	1										
Waltham, Mass.	27,834	11	1		1							1		





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

**FLORIDA.**—Week ended July 16, 1911. Reports from the State board of health show diphtheria present in 1 locality with 1 case, malaria in 6 localities with 19 cases, smallpox in 12 counties with 63 cases, tuberculosis in 8 localities with 15 cases, typhoid fever in 6 localities with 18 cases.

**MASSACHUSETTS.**—Week ended April 1, 1911. Population of reporting towns, 2,565,623. Total number of deaths from all causes 816, including diphtheria 11, measles 4, scarlet fever 3, tuberculosis 89, and typhoid fever 4.

Week ended April 8, 1911. Population of reporting towns, 2,524,805. Total number of deaths from all causes 834, including diphtheria 10, measles 4, scarlet fever 4, tuberculosis 90, and typhoid fever 2.

Week ended April 15, 1911. Population of reporting towns, 2,565,623. Total number of deaths from all causes 811, including diphtheria 7, measles 9, scarlet fever 2, tuberculosis 83, and typhoid fever 2.

Week ended April 22, 1911. Population of reporting towns, 2,565,623. Total number of deaths from all causes 862, including diphtheria 13, measles 4, scarlet fever 7, tuberculosis 71, and typhoid fever 3.

Week ended April 29, 1911. Population of reporting towns, 2,565,623. Total number of deaths from all causes 769, including diphtheria 10, measles 8, scarlet fever 2, tuberculosis 75, and typhoid fever 2.

*Morbidity.*—During the 5 weeks ended April 29, 1911, cases of communicable diseases were reported as follows: Diphtheria 544, measles 2,760, scarlet fever 699, typhoid fever, 115, tuberculosis, pulmonary, 656, tuberculosis other than pulmonary 3, cerebrospinal meningitis 23, meningitis other than cerebrospinal 7, whooping cough 451, varicella 199, erysipelas (not notifiable) 6, mumps (not notifiable) 79, ophthalmia neonatorum 112, anterior poliomyelitis 10, trachoma 4, smallpox 1.

**NEW YORK.**—Month of May, 1911. Population, 9,113,614. Total number of deaths from all causes 12,383, including diphtheria 208, measles 167, scarlet fever 177, tuberculosis 1,538, typhoid fever 78. Cases reported: Diphtheria 2,139, measles 10,011, scarlet fever 3,953, smallpox 34, tuberculosis 3,407, typhoid fever 358.

**UTAH.**—Month of June, 1911. Population, 373,351. Total number of deaths from all causes 277, including diphtheria 7, measles 3, scarlet fever 5, tuberculosis 12, typhoid fever 2. Cases reported: Diphtheria 40, measles 588, scarlet fever 116, smallpox 187, tuberculosis 1 (incomplete), typhoid fever 27.

# FOREIGN AND INSULAR

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## AUSTRALIA.

### SYDNEY—Examination of Rats for Plague Infection.

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

During the four weeks ended June 24, 1911, 1,265 rats were examined. No plague-infected rats were 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.

Information was received July 31 from the American consul of the occurrence of 7 cases of cholera with 2 deaths.

## BRAZIL.

### MANAOS—Yellow Fever.

The American consul reports July 29 the occurrence of 3 cases of yellow fever.

### RIO DE JANEIRO—Plague.

The American consul reports for the week ended June 17 the presence of a case of plague in the isolation hospital.

## CHINA.

### HONGKONG—Plague—Plague Rats.

Surg. Brown reports June 20:

During the week ended June 16, 30 cases of plague with 23 deaths were reported. The number of rats taken was 1,869, of which number 24 were found to be plague-infected.

Seven days' detention of steerage passengers is enforced at Mariveles quarantine station, Philippine Islands, against Hongkong.

## FRANCE.

### Cholera at Marseille.

Minister Bacon at Paris reported to the Department of State July 28:

Under the terms of the sanitary convention,<sup>1</sup> the foreign office informs 8 cases of cholera in Marseille July 20, but none since then. These cases do not constitute contamination, as referred to in article 7.

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<sup>1</sup> The International Sanitary Convention of Paris, 1903.

## GERMAN EMPIRE.

## Measures at German Ports Against Cholera.

Cholera having been officially declared present at Palermo, an order of the imperial chancellor dated July 7 declares all vessels, with their passengers and crews, arriving at German ports from Palermo to be subject to sanitary inspection before being granted pratique.

## 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, July 10:

## HONOLULU.

*Week ended July 8, 1911.*

Total rats and mongoose taken.....	460
Rats trapped.....	448
Mongoose trapped.....	12
Examined bacteriologically.....	388
Classification of rats trapped:	
<i>Mus alexandrinus</i> .....	56
<i>Mus norvegicus</i> .....	40
<i>Mus musculus</i> .....	128
<i>Mus rattus</i> .....	224
Average number of traps set daily.....	1,720

## INDIA.

## CALCUTTA—Cholera, Plague, and Smallpox.

Acting Asst. Surg. Allan reports, June 29:

During the week ended June 10 there were reported at Calcutta 51 deaths from cholera, 38 from plague, and 1 from smallpox; in all Bengal, 57 cases of plague with 54 deaths; in all India, 7,082 cases of plague with 6,649 deaths.

## ITALY.

## PALERMO—Status of Cholera—Smallpox—Inspection of Vessels.

Surg. Eager reports, July 17:

The last official report received from the central Italian Government through the American embassy at Rome gives for the period of July 7 to July 11, 1911, inclusive, 84 cases of cholera, with 27 deaths, at Palermo, and 6 cases, with 3 deaths, in the Province of Palermo.

Although it is now midsummer and cholera has been present in Palermo for many weeks, the death rate from all causes, though some days double what it is under normal conditions, remains almost

stationary. This fact is justly considered as favoring the hopeful impression generally entertained that conditions at present at Palermo do not favor a wide extension of the disease. In the year 1837 cholera at Palermo killed about 25,000 people in two months. At that time water was distributed in the city in the most insanitary ways. At present the chief supply of water to Palermo leaves little to be desired. The suspension of accessory water supplies of a suspicious nature was followed rapidly by a diminution in the intensity which marked the outbreak of cholera at Palermo this year.

The week covered by this report is the customary period for the celebration of the feast of Santa Rosalia, the patron saint of Palermo. With a view to avoiding the gathering of crowds, the usual festivities are to be dispensed with this year.

*Smallpox.*—Reports from the municipal health office give 11 cases of smallpox, with 8 deaths, at Palermo during the week ended July 15, 1911.

Week ended July 15, 1911.

VESSELS INSPECTED.

Date.	Names of ships.	Destination.	Steerage passengers inspected.	Pieces of baggage—	
				Inspected.	Disinfected.
July 12	Oceania.....	New York.....	50	80	150
July 15	Berlin.....	do.....	138	151	175
	Total.....		188	231	325

REJECTIONS RECOMMENDED.

Date.	Names of ships.	Trachoma.	Suspected trachoma.	Other causes.	Total.
July 12	Oceania.....	4	2		6
July 15	Berlin.....	5	2	2	9

Dr. Eager further reported:

The steamship *Venezia* sailed July 30 direct for New York with 155 steerage passengers.

MEXICO.

SAN JUAN, TABASCO—Epidemic Smallpox.

Acting Asst. Surg. Eaves, at Frontera, reports July 8 the prevalence of epidemic smallpox at San Juan, the capital of the State of Tabasco.

NEW ZEALAND.

Examination of Rats for Plague Infection.

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

During the three weeks ended June 17, 179 rats were examined for plague infection. Of this number 9 rats were found infected.

The last case of human plague was reported May 8. The last plague-infected rat was found May 31.

**PHILIPPINE ISLANDS.****Restrictions imposed against Hongkong.**

Chief Quarantine Officer Fox, at Manila, reports June 14:

The quarantine imposed by this office against Amoy had the effect of diverting travel to Hongkong, at which point passengers embarked for the Philippine Islands. While the voyage from Amoy to Manila via Hongkong can not be made in less than 5 days, even under favorable conditions, this interval was not regarded as affording absolute protection to the islands. At the same time, there was an apparent increase of plague in the city of Hongkong. It is understood that all of the cases to date have been confined to a Chinese quarter of the city, and are well isolated, and that there have been no cases of plague among Europeans. Many Chinese of the coolie class, however, are constantly traveling between Hongkong and Manila, and it is impossible to determine whether they have resided in the plague-infected community in Hongkong. It has been decided, therefore, to impose restrictions upon steerage passengers and other persons ordinarily traveling in the steerage and proceeding from Hongkong to the Philippine Islands.

**ST. LUCIA ISLAND.****Appointment of Service Representative.**

On July 29, 1911, Acting Asst. Surg. Morris Morganstein was directed to proceed to the port of Castries, St. Lucia, for duty in the office of the American consul at that port in connection with the signing of bills of health and the inspection and, when necessary, the fumigation of vessels bound for United States ports from Castries, and also of vessels from South American ports bound to the United States via the port of Castries.

**TRINIDAD.****PORT OF SPAIN—Sanitary Conditions.**

Acting Asst. Surg. Layton reports, July 8:

No quarantinable diseases are reported present at this port or in the island. Leprosy is not uncommon, but as soon as a case is discovered it is removed to the Government leper asylum, where, as shown by the last report, issued March, 1910, there were 273 cases present. No case of plague has occurred since May 5, and every precaution is taken against its recrudescence.

# CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX.

## Reports Received During Week Ended Aug. 4, 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.

Places.	Date.	Cases.	Deaths.	Remarks.
Arabia:				
Hodeida.....	June 16-30.....	21	17	Among the civil and the military population.
Austria-Hungary:				
Trieste.....	July 31.....	4	1	
Ceylon:				
Colombo.....	June 16-30.....	5	2	
France:				
Marseille.....	July 20.....	4	.....	Additional.
Indo-China:				
Saigon.....	May 29-June 4....	8	6	
Java:				
Batavia.....	June 11-17.....	40	18	
Surabaya.....	Apr. 10-May 6....	33	22	
Siam:				
Bangkok.....	June 4-10.....	259	259	
Turkey:				
Constantinople.....	May 21-July 10...	21	11	Including cases previously reported.
Turkey in Asia:				
Basra.....	Oct. 20-Nov. 30...	212	164	Year 1910, revised.
Zongouldak.....	July 1.....	.....	.....	Present.

### YELLOW FEVER.

Brazil:				
Manaos.....	July 1-15.....	.....	2	July 29, 3 cases.
Para.....	June 21-July 15...	3	.....	

### PLAGUE.

Brazil:				
Para.....	July 2-8.....	1	.....	
China:				
Canton.....	May 31.....	.....	.....	Present. <sup>1</sup>
Hongkong.....	June 11-17.....	30	23	
Egypt:				
Alexandria.....	June 23-July 12...	6	4	
Port Said.....	June 30-July 12...	2	1	
India:				
Bombay.....	June 19-24.....	43	44	
Kurrachi.....	June 18-24.....	10	13	
Indo-China:				
Saigon.....	May 29-June 11...	60	23	
Persia:				
Buchir.....	May 31-June 3....	16	13	
Siam:				
Bangkok.....	June 4-10.....	14	14	

### SMALLPOX.

Brazil:				
Pernambuco.....	May 1-31.....	.....	153	
Rio de Janeiro.....	June 18-24.....	2	.....	
Canada:				
Halifax.....	July 16-22.....	1	.....	
Quebec.....	do.....	7	.....	
Ceylon:				
Colombo.....	June 11-17.....	2	2	
China:				
Hongkong.....	June 11-17.....	2	2	
German New Guinea:				
Friedrich Wilhelmshafen ..	May 8.....	1	.....	From s. s. Prinz Waldemar.
Germany:				
Do.....	June 25-July 1....	2	.....	Additional.
Do.....	July 2-July 15....	6	.....	

<sup>1</sup> Bulletin démographique et sanitaire suisse, July 6, 1911.

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

Reports Received During Week Ended Aug. 4, 1911.

## SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>India:</b>				
Bombay.....	June 19-24.....	14	13	
Madras.....	June 18-24.....	5	2	
<b>Indo-China:</b>				
Saigon.....	May 29-June 11...	25	12	
<b>Italy:</b>				
Naples.....	July 2-8.....	10	2	
<b>Mexico:</b>				
Ciudad Juarez.....	July 9-22.....	2	.....	
Chihuahua.....	June 29-July 16...	2	2	
Mexico.....	Jan. 8-21.....	7	.....	Reported out of date.
San Luis Potosi.....	June 25-July 1...	4	6	
<b>Russia:</b>				
Libau.....	June 26-July 2...	4	.....	
Moscow.....	June 25-July 1...	19	6	
Riga.....	July 2-8.....	2	.....	
St. Petersburg.....	June 25-July 1...	29	1	
<b>Siam:</b>				
Bangkok.....	June 4-10.....	16	16	
<b>Spain:</b>				
Madrid.....	June 1-30.....	.....	1	
<b>Turkey in Asia:</b>				
Beirut.....	June 25-July 8...	11	.....	
<b>Uruguay:</b>				
Montevideo.....	May 1-31.....	13	7	
<b>At sea.....</b>	May 15.....	1	.....	On s. s. Narrung; vessel quarantined at Adelaide, Melbourne, and Sydney.

## Reports Received from July 1 to July 28, 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.]

## CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Austria-Hungary:</b>				
Trieste.....	July 3-23.....	3	1	Case July 8, from s. s. Oceania.
Waltendorf.....	May 31.....	1	.....	Near Gratz.
<b>Ceylon:</b>				
Colombo.....	May 21-June 10...	8	6	
<b>China:</b>				
Amoy.....	May 28-June 3...	.....	2	June 24, present in city and district.
Hoihow.....	June 2.....	.....	.....	Present.
<b>France:</b>				
Marseille.....	June 26-July 19...	4	2	
<b>Greece:</b>				
Laurium.....	July 8.....	.....	.....	Do.
<b>India:</b>				
Bassein.....	May 7-13.....	1	1	
Calcutta.....	May 7-June 3.....	.....	183	
Madras.....	June 4-10.....	2	1	
Moulmine.....	May 7-20.....	2	2	
<b>Indo-China:</b>				
Saigon.....	May 15-28.....	20	12	
<b>Italy.....</b>				Total for Italy, June 8-July 16: Cases, 1,306; deaths, 404.
Genoa.....	July 21.....	.....	.....	
Leghorn.....	July 16.....	.....	.....	Present.
<b>Provinces:</b>				
Caserta.....	June 18-July 11...	116	41	
Naples.....	.....	.....	.....	Outside of Naples June 10-July 16: 252 cases; 83 deaths.
Naples.....	June 11-July 16...	356	113	
Salerno.....	June 17-July 11...	117	41	
Palermo.....	June 18-July 16...	48	21	
Palermo.....	June 15-July 16...	428	121	
Rome.....	June 27-July 11...	5	3	

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

Reports Received from July 1 to July 28, 1911.

## CHOLERA—continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Java:				
Batavia.....	May 14-June 10...	230	122	
Surabaya.....	Apr. 10-May 6....	33	22	
Russia.....				Total for Russia, July 5-7: Cases 15; deaths, 2.
Disna.....	June 13.....	1		On the Duna.
Nikolalev.....	July 24.....			Present.
Siberia—				
Omsk.....	June 20-26.....	2		
Siam:				
Bangkok.....	Apr. 16-May 13...	442	442	
Straits Settlements:				
Penang.....	May 7-13.....		1	
Singapore.....	May 7-June 3.....	26	23	
Turkey:				
Constantinople.....	May 21-July 10...	20	11	
Turkey in Asia:				
Alatsham.....	June 19.....	2		
Basra.....	do.....	2		
Ezra's Tomb.....	June 17.....	6		70 miles from Basra.
Kamaraan.....	May 28-June 4.....	2	1	Among troops.
Samsun.....	May 29-July 9.....	218	199	And district.
Smryna.....	do.....	161	102	
At sea.....	June 23.....	1	1	On s. s. Goeben bound from Southampton for Suez. Case developed one day after leaving Naples.

## YELLOW FEVER.

Brazil:				
Manaos.....	June 4-24.....		3	July 13, present.
Pernambuco.....	July 19.....			Present.
Bissagos Islands:				
Bulama.....	May 27.....			Do.
British Gold Coast:				
Accra.....	May 23-27.....	3		Among natives.
Ecuador:				
Guayaquil.....	June 1-30.....	18	6	
Milagro.....	do.....	8	5	
Taguachi.....	June 16-30.....	1		
Gambia:				
Bathurst.....	May 23-27.....	5	2	Among Europeans.
Mexico:				
San Juan Bautista.....	June 7-9.....	1	1	From Laguna, Campeche, and not from Frontera, p. 1045, vol. 1.

## PLAGUE.

Arabia:				
Maskat.....	May 21-27.....	3	2	
Brazil:				
Pernambuco.....	July 19.....			Present.
British East Africa:				
Kismayu.....	Apr. 24-29.....	2		See p. 782, vol. 1.
Nairobi.....	May 27.....	2	2	
Port Florence.....	Apr. 26.....	1	1	
Chile:				
Arica.....	June 12.....			Present.
Iquique.....	May 14-June 10...	10	5	
China:				
Amoy.....	May 21-June 3.....		16	To May 28: Cases 61, June 24 present in city and district.
Hongkong.....	May 14-June 10...	81	65	
Kulángsu.....	June 17.....		2	
Shanghai.....	May 14-27.....	3		In vicinity.
Swatow.....	May 21-June 24.....			Still present in the district. May 21-June 2, epidemic in Chao-chow-fu. Hwellal, Kit-yang, and in Chao-Yang Jan. 1-May 23, 2,000 deaths.
Ecuador:				
Guayaquil.....	June 1-15.....	2		



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

Reports Received from July 1 to July 28, 1911.

## PLAGUE—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Egypt:</b>				
Alexandria.....	May 31-June 22...	20	7	
Cairo.....	Feb. 12-May 31...	1	1	
Port Said.....	May 27-June 29...	5	2	On s. s. Yeddo, bound for Calcutta from New York, via Naples and Torreveja, Spain.
<b>Provinces—</b>				
Assiout.....	May 31-June 14...	4	2	
Dakahlieh.....	May 29-June 11...	2	.....	
Fayoum.....	May 28-June 11...	2	.....	
Girgeh.....	Apr. 19-June 14...	1	.....	
Kena.....	May 30-June 12...	5	5	
Minieh.....	June 1-14.....	14	4	
<b>India:</b>				
Bahrein Island.....	May 15-June 15.....	.....	1,095	In Persian Gulf.
Bombay.....	May 21-June 17.....	337	303	
Calcutta.....	May 7-June 3.....	.....	262	
Kurrachee.....	May 28-June 17.....	144	143	
Bombay Presidency and Sind.....	May 7-June 3.....	3,531	2,816	
Madras Presidency.....	do.....	91	75	
Bengal.....	do.....	1,901	1,707	
United Provinces.....	do.....	17,274	16,645	
Punjab.....	do.....	45,981	39,963	
Burma.....	do.....	520	494	
Central Provinces.....	do.....	57	53	
Mysore State.....	do.....	285	196	
Hyderabad State.....	do.....	5	9	
Central India.....	do.....	80	63	
Rajputana and Ajmere.....	do.....	1,325	1,181	
Merwara.....	do.....	.....	.....	
Kashmir.....	do.....	506	335	
North West Province.....	do.....	103	73	
Grand total.....		71,659	63,620	
<b>Indo-China:</b>				
Saigon.....	May 15-28.....	53	19	
<b>Japan:</b>				
Formosa.....	May 21-June 10...	111	101	In Kagi Province from Jan. 1-June 15: Cases 355, including report p. 1047, vol. 1.
<b>Java:</b>				
Paseroean Residency.....	May 14-June 17...	286	129	
Surabaya.....	May 1-3.....	3	1	
<b>Mauritius:</b>	Mar. 1-Apr. 27.....	8	4	
<b>New Zealand:</b>				
Auckland.....	May 1-8.....	4	.....	
<b>Persia:</b>				
Buchir.....	May 14-30.....	41	39	
Lingah.....	May 18-28.....	7	.....	From the opposite Arabian coast.
<b>Peru:</b>				
<b>Departments—</b>				
Ancachs.....	Apr. 30-June 17...	9	2	
Arequipa.....	do.....	15	3	
Callao.....	do.....	4	1	
Chiclayo.....	do.....	12	4	
Lambayeque.....	Apr. 30-June 3.....	2	2	
Libertad.....	Apr. 30-June 17...	10	5	
Lima.....	do.....	30	11	
Pacasmayo.....	Apr. 30-June 3.....	3	2	
<b>Philippine Islands:</b>				
Mariveles quarantine station.....	May 25-26.....	1	1	From s. s. Taisang from Amoy.
<b>Russia:</b>				
Odessa.....	June 18-24.....	2	.....	
<b>Astrakhan government—</b>				
Saraltschin.....	do.....	3	3	
<b>Kirghis Steppe—</b>				
Naryma.....	June 24.....	4	4	
<b>Slam:</b>				
Bangkok.....	Apr. 16-May 13...	14	14	
<b>Straits Settlements:</b>				
Singapore.....	May 21-27.....	1	1	
<b>Turkey in Asia:</b>				
Basra.....	May 21-31.....	4	2	
<b>Venezuela:</b>				
Caracas.....	May 29-June 10...	1	.....	

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

Reports Received from July 1 to July 28, 1911.

## SMALLPOX.

Places.	Date.	Cases.	Deaths.	Remarks.
Argentina:				
Buenos Aires.....	Apr. 1-30.....		21	
Austria-Hungary:				
Bohemia.....	May 28-June 17...	5		
Galicia.....	do.....	2		
Brazil:				
Para.....	June 25-July 8....	2	1	
Rio de Janeiro.....	May 28-June 3....		1	
Canada:				
British Columbia—				
Victoria.....	May 1-31.....	10		
Manitoba—				
Fort Alexander.....	July 8.....	19		Among Indians.
Lac du Bonnet.....	do.....	1		
Point du Bois.....	do.....			Epidemic.
Saskirk.....	do.....	1		From Mapleton.
New Brunswick—				
Newcastle.....	July 15.....			Present in vicinity.
Ontario—				
Ottawa.....	June 11-July 15...	15		
Nova Scotia—				
Halifax.....	May 23-July 8....	2		
Prince Edward Island—				
Charlottetown.....	June 14-20.....	1		
Quebec—				
Montreal.....	July 9-15.....	1		
Quebec.....	June 18-July 15...	6		
Yukon—				
Dawson.....	June 4-July 1....	15		
Ceylon:				
Colombo.....	May 21-July 10....	2		
Chile:				
Talcahuano.....	June 17-24.....	13	3	
Valparaiso.....	June 24.....			Increasing.
China:				
Chungking.....	May 28-June 10...			Present.
Hongkong.....	May 21-June 10...	9	4	
Nanking.....	May 28-July 1....			Do.
Shanghai.....	May 24-June 25...	1	6	Deaths among natives.
Swatow.....	May 28-June 24...			Present in the district.
Colombia:				
Cartagena.....	May 22-July 9....			Present.
Egypt:				
Alexandria.....	Apr. 1-May 31....	44	27	
Cairo.....	May 22-June 17...	7	3	
Port Said.....	do.....	7	6	
France:				
Paris.....	June 18-24.....	2		
Germany.....				Total for Germany, June 4-July 1: cases, 12.
Gibraltar.....	June 4-11.....	1		
Great Britain:				
Birmingham.....	July 2-8.....	1		
Dundee.....	June 11-17.....	1		
Liverpool.....	June 18-July 8....	2		
London.....	June 4-24.....	13		
Plymouth.....	July 2-8.....		1	
Sheffield.....	June 18-24.....		1	
India:				
Bombay.....	May 21-June 17...	58	40	
Calcutta.....	May 7-27.....		4	
Madras.....	May 21-June 17...	38	20	
Indo-China:				
Saigon.....	May 15-28.....	30	1	
Italy:				
Calabria, department.....	June 18-24.....		5	
Naples.....	June 11-July 1....	25	4	
Falermo.....	June 4-July 8....	48	39	
Japan:				
Yokohama.....	June 13-19.....	1		
Mexico:				
Frontera.....	June 19-24.....	1		
Guadalajara.....	June 18-24.....		1	
Mexico.....	May 21-June 10...		50	June 4-24, 43 cases.
San Juan Bautista.....	June 17-July 15...			Present and in vicinity.
San Luis Potosi.....	June 4-24.....	5	6	
Tampico.....	June 11-July 10...		4	

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

Reports Received from July 1 to July 28, 1911.

## SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Portugal:				
Lisbon.....	June 4-July 1....	45		May 7-20, deaths 3.
Portuguese East Africa:				
Lourenço Marquez.....	Apr. 1-30.....		1	
Russia:				
Batoum.....	May 1-31.....	1		
Libau.....	June 5-19.....	7	1	
Moscow.....	May 28-June 24....	87	37	
Odessa.....	May 27-July 1....	3		
Reval.....	May 1-31.....	3		
Riga.....	May 27-July 1....	14		Apr. 1-30, deaths 10.
St. Petersburg.....	May 21-June 24....	80	19	
Windau.....	June 25-July 1....			Present.
Siam:				
Bangkok.....	Apr. 16-May 13....	22	16	
Siberia:				
Omsk.....	May 29-June 3....	2		
Vladivostok.....	June 10.....			Epidemic among natives and a few cases among foreigners.
South Africa:				
Port Elizabeth.....	May 21-27.....	1		
South Australia:				
Adelaide.....	Apr. 15.....			1 case from Colombo on s. s. Mooltan.
Spain:				
Barcelona.....	May 6-June 14....		3	
Seville.....	June 1-30.....		2	
Valencia.....	June 4-July 15....	20	1	
Straits Settlements:				
Penang.....	Apr. 30-May 6....	1		
Singapore.....	May 7-June 3....	37	7	
Switzerland:				
Ticino, canton.....	May 28-June 3....	1		
Turkey:				
Constantinople.....	June 4-11.....		1	
Turkey in Asia:				
Beirut.....	May 27-June 24....	12	2	
Kharput.....	May 21-June 10....	34	3	
Uruguay:				
Montevideo.....	Apr. 1-30.....	21	3	
Zanzibar:				
Zanzibar.....	May 15-June 18....	15	6	



## 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.			
Mexico <sup>1</sup> .....	Jan. 14	500,000	376						29								
Do. <sup>1</sup> .....	Jan. 21		411						26								
Do.....	June 24	719,052	397														
Monterey.....	July 9	100,000	58														
Do.....	July 16		70	3													
Montreal.....	July 22	450,000	230	10													
Moscow.....	July 1	1,500,000	1,143	73				6	10								
Munich.....	July 8	597,000	161	29													
Newcastle-on-Tyne.....	do	267,261	81														
Do.....	July 15		75	7													
Nottingham.....	July 8	259,942	63														
Nuevo Laredo.....	July 15	8,000		1					1								
Odessa.....	July 1	546,000	213	27					1								
Ottawa.....	July 22	86,000	45	2													
Para.....	July 8	185,000	75	4													
Patras.....	July 9	40,000	24														
Do.....	July 16		23	1													
Port Elizabeth.....	June 17	30,692	13	1													1
Do.....	June 24		21	4													1
Prague.....	July 8	235,556	76	10													2
Rotterdam.....	July 15	431,330	102														
Saigon.....	June 4	206,000	20														
Do.....	June 11		21		8	6		6									
St. Johns, N. F.....	July 22	32,000															
St. Petersburg.....	July 1	1,907,708	749	85				1	1	8	11	10	39				7
San Luis Potosi.....	do	82,946	71	5				6		2			1				2
Sarnia.....	July 22	9,810	3														
Shanghai.....	June 18	492,000	111	21													
Do.....	June 25		133	19				2									
Do.....	July 2		109	9													
Sheffield.....	July 8	454,653	108	7													
Do.....	July 15		91	8													
South Shields.....	do	108,844	28	5													
Stettin.....	July 8	234,033	78	6													
Tampico.....	July 10	23,452	42	7													
Tarragona.....	July 15	23,150	9					1									
Trieste.....	July 8	229,499	97														
Turin.....	do	401,555	155	27													
Do.....	July 15		129	20													
Valencia.....	July 8	240,000	79	6													
Do.....	July 15		81	4				1		1							
Vienna.....	June 24	2,047,968	646	104						1	6	2	12				4
Do.....	July 1		565	112						1	5	3	4				2
Zanzibar.....	June 21	75,000	39	4				3									

<sup>1</sup> Received out of date.

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

AUSTRALIA—*Fremantle*.—Month of April, 1911. Population, 20,000. Total number of deaths from all causes 104, including measles 2, typhoid fever 6.

*Newcastle*.—Month of May, 1911. Population, 65,500. Total number of deaths from all causes, 50; including diphtheria 2, scarlet fever 1, tuberculosis 2, typhoid fever 1.

BRAZIL—*Pernambuco*.—Month of May, 1911. Population, 210,000. Total number of deaths from all causes 779, including smallpox 163, tuberculosis 64, typhoid fever 2.

**CHILE—Punta Arenas.**—Month of April, 1911. Population, 12,000. Total number of deaths from all causes 36, including tuberculosis 3.

**FRANCE—Marseille.**—Month of June, 1911. Population, 550,619. Total number of deaths from all causes 869, including diphtheria 2, measles 41, scarlet fever 1, tuberculosis 153, typhoid fever 17.

**Roubaix.**—Month of June, 1911. Population, 122,154. Total number of deaths from all causes 144, including measles 1, tuberculosis 17, typhoid fever 1.

**GREAT BRITAIN.**—Week ended July 8, 1911.

**England and Wales.**—The deaths registered in 77 great towns correspond to an annual rate of 12 per 1,000 of the population, which is estimated at 16,157,797.

**Ireland.**—The deaths registered in 21 principal town districts correspond to an annual rate of 14.2 per 1,000 of the population, which is estimated at 1,149,495. The lowest rate was recorded at Drogheda, viz, 8.4, and the highest at Wexford, viz, 36.4, per 1,000.

**Scotland.**—The deaths registered in 8 principal towns correspond to an annual rate of 14.6 per 1,000 of the population, which is estimated at 1,171,291. The lowest rate was recorded at Perth, viz, 8.7, and the highest at Greenock, viz, 19.4, per 1,000. The total number of deaths from all causes was 477, including diphtheria 7, measles 14, scarlet fever 2.

**MALTA.**—Two months ended July 1, 1911. Population, 213,395. Total number of deaths from all causes 147, including measles 13, tuberculosis 9, typhoid fever 3.

**RUSSIA—Riga.**—Month of April, 1911. Population, 355,000. Total number of deaths from all causes 636, including diphtheria 10, measles 7, scarlet fever 11, smallpox 10, typhoid fever 2, typhus fever 1.

**SPAIN—Madrid.**—Month of June, 1911. Population, 613,436. Total number of deaths from all causes 937, including diphtheria 5, measles 30, scarlet fever 1, smallpox 1, tuberculosis 141, typhoid fever 1, typhus fever 1.

**Seville.**—Month of June, 1911. Population, 158,235. Total number of deaths from all causes 567, including diphtheria 3, measles 33, smallpox 2, tuberculosis 74, typhoid fever 2.

**TAHITI.**—Three weeks ended June 23, 1911. Population, 4,000. Total number of deaths from all causes 8, including tuberculosis 1.

**VENEZUELA—La Guaira.**—Two weeks ended June 30, 1911. Population, 10,000. Total number of deaths from all causes 15, including tuberculosis 5, typhoid fever 1.

By authority of the Secretary of the Treasury:

WALTER WYMAN,

Surgeon General,

United States Public Health and Marine-Hospital Service.