

## PUBLIC HEALTH REPORTS.

### SUMMARY OF SANITARY REPORTS.

#### *Status and progress of epidemics.*

*Asiatic cholera.*—According to an official notification, 1 case of Asiatic cholera was reported May 2 at Ashabad, Transcaspian province of Russia, and 1 case May 4 at Tzaritzin, government of Saratow, Russia. In view of the threatening danger of an epidemic of cholera, arrangements have been made for the construction of barracks and a bacteriological station at Wilna, a city with a considerable trade and a population of about 100,000. Wilna is a railroad center, the capital of a province of the same name, and is situated only about 100 miles from the German frontier. Because of information received by the Austro-Hungarian Government, that Asiatic cholera has ceased to prevail at Baku and Batum in Transcaucasian Russia, Austria-Hungary suspended the sanitary measures adopted against arrivals from the places mentioned.

*Bubonic plague.*—It was announced May 20 that bubonic plague had broken out in the Bahrein Islands, Turkish territory in the Persian Gulf, with a Mohammedan population, engaged principally in the pearl and tortoise fishery and the exportation of dates and other fruits. The fishery employs during the season a large number of boats, and some Bahrein ships are employed in the India trade, a sort of shipping difficult to regulate in regard to sanitation.

During the week ending May 13 there was a fatal case of plague at Manila. The previous week 2 cases of the disease, with 1 death, occurred at Manila and 2 fatal cases at Cebu. June 20, there was a death from plague at Waipahu, near Honolulu.

*Yellow fever.*—As shown from reports, the west coast of South America is comparatively free from yellow fever. Ecuador, which does not appear to share the plague epidemic prevailing in Peru and Chile, has suffered, however, from yellow fever during the past six months, deaths being reported from Guayaquil, the last during the week ending May 23. These cases have occurred during the half year of rain just finished, ending with it the local trade on the estuaries of the rivers dependent on wet weather for navigation. Guayaquil is on the mail route, 835 nautical miles south of Panama, and connected with the places north and south by a port-to-port service. The public

health of Guayaquil is of especial importance to United States interests, because it is the only port on the Pacific coast of South America in which the volume of trade engaged in by United States vessels approaches that carried on under the German and British flags.

A railroad operated by an American company extends inland from Guayaquil, the chief market for foreign goods. Work is being done on railroad connections between the port and Quito, the capital, in the Andes, nearly 10,000 feet above the sea level, a height which in the past has been reached only by a journey of 320 miles by means of pack animals, difficulties of transportation having their fortunate side in limiting the spread inland of epidemic disease.

The consul at Belize, British Honduras, reports under date of June 9, that the last case of yellow fever there occurred June 1. At Puerto Cortez, Honduras, 1 additional case, fatal, was reported June 6.

In the canal zone there were 18 cases and 3 deaths from June 1 to June 12. The consul-general telegraphs from Panama under date of June 16 that in fifteen days there had been 24 cases of yellow fever and 6 deaths, and that the epidemic is increasing.

#### GENERAL SANITARY INFORMATION.

*Ainhum and leprosy.*—L. E. Ashley-Emile, of Mopra, Zambezi River, East Africa, discusses in the *Journal of Tropical Medicine*, February 1, 1905, the question whether ainhum, which is spread widely over the African continent, particularly on the west coast, is a manifestation of leprosy. Zambaco Pascha, an authority on leprosy, is of the opinion that this obscure disease is a modified form of leprosy, a view in which Ashley-Emile coincides. He believes ainhum to be a leprous manifestation occurring in persons not the subjects of typical leprosy, but of a leprous diathesis. Classical leprosy and ainhum have not been observed occurring together in the same person, but the subjects of ainhum often present the facial appearance of lepers and are in close family relationship with them.

*Mortality statistics of the United States for 1903.*—In the present number of the *Public Health Reports* a table is published giving the mortality statistics of 1,423 cities and towns in the United States for the calendar year 1903, compiled from 1,423 reports received in reply to 3,750 circular letters sent to local boards of health and health officers. The table for the year 1902, published in the *Public Health Reports* for August 7, 1903, did not contain, as does the present one, a table of the annual mortality for the year under consideration as estimated by the Bureau of the Census. The mortality for 1902 was reckoned only according to the population for the census year 1900 and the locally estimated population. The census population for the year 1903, the added feature of the present tables, has been estimated by the Bureau of the Census in accordance with a provision whereby

that Bureau is directed by Congress to prepare such annual estimates in the interval between decennial censuses. The method used by the Census Bureau in the preparation of the annual estimates is the so-called arithmetical one, a system which, though admittedly subject to uncertainty, has been shown by experience to come nearer to accuracy than any other available method.

Director S. N. D. North, of the Census Bureau, writes, in his letter of transmittal of the estimates of population of the larger cities of the United States in 1901, 1902, and 1903, that the method "rests on the assumption that the annual increase for each year since the last census would be one-tenth of the decennial increase between the last two censuses. The country as a whole, and most of the States and cities," he continues, "are growing with a steadily decreasing per cent of increase. As this condition has obtained in the United States for the last twenty years, it is likely to hold good in the immediate future. Under such conditions the arithmetical method has been proved more accurate than any alternative method available."

The Director of the Census states that undoubtedly in a number of individual cases the estimates will ultimately prove to be wide of the truth, but even in such cases it is believed they will be of value in establishing a basis for the computation of statistical rates.

The estimated population (local), on which mortality has also been estimated in the tables, is that furnished directly to the Public Health and Marine-Hospital Service by the local boards of health or health officers in their entries on the forms used in making their reports.

The favorable features of these local estimates are evident. They were made by officials on the spot at the very time the death statistics were furnished and were gathered from police enumerations, directory canvasses, and intimate personal knowledge of local conditions.

The particular instances in which the census and the local estimates are at variance and the resulting divergence in annual mortality can be seen by an examination of the tables. The tables, which do not include towns of under 1,000 inhabitants, cover an aggregate population of 22,400,567, according to the United States census of 1900, which gives the total population of the mainland of the United States as 75,994,575.

The population covered, as estimated December 31, 1903, by the Bureau of the Census, is 24,072,374, and as locally estimated is 25,430,232. It should be observed, however, in drawing conclusions from these general figures, that in some cases the estimate of population of individual municipalities has not been furnished by the Bureau of the Census, from inability to obtain data, and is hence omitted from the tables.

All the places included in the tables except Honolulu (population 39,306, census 1900) are comprised in the mainland of the United

States. A distinction is made in census work between the mainland of the United States and the entire area of enumeration, excluding from the mainland enumeration the population of Alaska and Hawaii and persons in the military and naval service of the United States (including civilian employees) stationed abroad. There were in 1903 about 3,750 cities and towns in the United States having a population of 1,000 or over. The exact numbers can not be precisely determined, except after the lapse of a certain period, for the reason that municipalities are constantly consolidating, large cities by suburban extension absorbing surrounding incorporated places, and places of all sizes meeting others in their spread from initial centers.

Figures from 1,423 of the 3,750 municipalities were utilized. Thus the grand totals furnish fairly accurate annual mortality figures for the urban population of the United States for the year 1903, namely, 16.12 per mille of the Census Bureau's estimated population for the year and 15.43 per mille of the locally estimated population. A calculation of annual mortality founded on the official United States census for 1900 yields a rate of 17.52 per mille. The tables published for the year 1902 gave an annual mortality of 16.84 per mille, reckoned on the United States census of 1900, and 15.38 on the locally estimated population. The variance of results obtained by the use of the Census figures for 1900 and of the local estimates is seen to be greater with the advance of a year from the date of the decennial census. The object of the yearly United States census estimate is to rectify such variances, as far as possible, and for this reason has been used in preparing the tables of mortality. The tables show a grand total of 43,269 deaths from tuberculosis in 1903 among the population covered by the reports. In 1902 the tables gave 41,404 deaths from this infection among a population of 22,469,816, based on the official United States census for 1900.

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## UNITED STATES.

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

### *Vaccination in Boston, Mass.*

The following is received from the Department of health of Boston, through Surgeon Woodward, under date of June 15:

For the eight months beginning October 1, 1904, and ended May 31, 1905, there were 1,749 vaccinations with the State virus. Of these 1,692 were primary vaccinations and 57 secondary vaccinations. For successful primary vaccination 276 certificates were issued; for successful secondary vaccination 12 certificates. During this time there were returned 12 cases of unsuccessful primary vaccination and 11 cases of unsuccessful secondary vaccination, or 23 in all. Of the 12

unsuccessful primary cases, after rescarification 4 returned successfully vaccinated. The remaining 8 did not come back to this office.

	Vaccinated.	Certificates issued.		Vaccinated.	Certificates issued.
October:			February:		
Primary .....	116	72	Primary .....	6	6
Secondary .....	7	2	Secondary .....	8	2
November:			March:		
Primary .....	37	22	Primary .....	16	9
Secondary .....	1	0	Secondary .....	1	1
December:			April:		
Primary .....	8	3	Primary .....	28	16
Secondary .....	2	1	Secondary .....	5	2
January:			May:		
Primary .....	11	7	Primary .....	1,470	141
Secondary .....	18	1	Secondary .....	15	3

*Report from Gulf Quarantine, Miss.—Steamship Hiram discharged from quarantine.*

Passed Assistant Surgeon Wille reports, June 12, as follows:

The steamship *Hiram* was discharged from this quarantine yesterday morning, June 11, there having been no developments beyond the 2 cases of yellow fever previously reported. This vessel was held seven days after sulphurization less five hours, which time would be consumed in proceeding to Mobile.

*Report from Gulfport, Miss.—Death from enteric fever.*

Acting Assistant Surgeon Sheely reports, June 11, as follows:

During the past week there occurred 1 death from enteric fever in the third week; otherwise there is nothing of importance to report.

INSPECTION SERVICE, MEXICAN BORDER.

*Inspection at Eagle Pass, Tex.*

Acting Assistant Surgeon Hume reports as follows:

	Week ended June 11, 1905.
Persons inspected on trains .....	169
Persons held .....	0

*Inspection at El Paso, Tex.*

Acting Assistant Surgeon Alexander reports as follows:

Week ended June 10, 1905.

Inspection Mexican Central passengers, 217; inspection Mexican Central immigrants, 87; inspection of Japanese, 2; inspection of Spaniards, 4; inspection certificate cause of death of corpse transferred into the United States, 1; disinfection of soiled linen imported for laundry work, 517 pieces; vaccination of children of immigrants, 7.

*Inspection at Laredo, Tex.*

Acting Assistant Surgeon Hamilton reports, June 13, as follows:  
Week ended June 10, 1905.

Passenger trains from Mexico inspected, 14; persons on passenger trains from Mexico inspected, 592; immigrants on passenger trains from Mexico inspected, 49; immigrants from Mexico vaccinated upon entry, 13; persons detained or refused entry for reason of being from or having passed through Tierra Blanca within five days, 37.

STATISTICAL REPORTS OF STATES AND CITIES OF THE UNITED STATES,  
YEARLY AND MONTHLY.

CALIFORNIA—*Los Angeles*.—Month of May, 1905. Estimated population, 180,000. Total number of deaths 256, including cerebro-spinal meningitis 4, diphtheria 1, enteric fever 4, scarlet fever 1, whooping cough 4, and 57 from tuberculosis.

*Sacramento*.—Month of May, 1905. Estimated population, 35,000. Total number of deaths 49, including diphtheria 1, enteric fever 1, and 3 from tuberculosis.

*Stockton*.—Month of May, 1905. Census population, 19,500. Total number of deaths 14, including 1 from tuberculosis.

ILLINOIS—*Danville*.—Period from May 5 to 31, 1905. Estimated population, 25,090. Total number of deaths, 34, including 3 from tuberculosis.

*Rockford*.—Month of April, 1905. Estimated population, 37,000. Total number of deaths, 43, including enteric fever 2, and 4 from tuberculosis.

INDIANA.—The Monthly Bulletin of the State board of health gives the following:

Total number of deaths month of April, 1905, 2,639; rate, 12.1. In the corresponding month last year, 3,322 deaths; rate, 15.2. In the preceding month, 3,656 deaths; rate, 16.2. Deaths by important ages were: Under 1 year, 309 deaths, or 12.6 per cent of the total deaths; 1 to 5, 142; 5 to 10, 51; 10 to 15, 52; 15 to 20, 110; 65 and over, 730, or 29.8 per cent. Some important causes of death were: Pulmonary tuberculosis, 344; other forms of tuberculosis, 46; typhoid fever, 27; diphtheria, 13; scarlet fever, 23; whooping cough, 14; pneumonia, 223; diarrheal diseases, 18; cerebro-spinal meningitis, 46; influenza, 35; puerperal fever, 15; cancer, 86; violence, 132; smallpox, 4.

LOUISIANA—*New Orleans*.—Month of May, 1905. Estimated population, 325,000; white, 239,000; colored, 86,000. Total number of deaths, 712; white, 422; colored, 290, including diphtheria 2, enteric fever 6, whooping cough 6, smallpox 1, and 92 from tuberculosis.

MICHIGAN.—The total number of deaths reported to the department of state for the month of May, 1905, was 2,700, a decrease of 322 from April. The death rate was 12.5 per 1,000 population, as compared with 14.4 for the preceding month.

By ages there were 456 deaths of infants under 1 year, 140 deaths of children aged 1 to 4 years, and 837 deaths of elderly persons aged 65 years and over.

Important causes of death were as follows: Tuberculosis of the lungs, 204; other forms of tuberculosis, 28; typhoid fever, 22; diphtheria and croup, 28; scarlet fever, 5; measles, 20; whooping cough, 16; pneumonia, 171; meningitis, 43; cancer, 147; accidents and violence, 181.

There were also 18 deaths from smallpox: 1 in the city of Detroit, 1 in the city of Big Rapids, Mecosta County; 1 in Walker Township, Kent County; and 15 in the city of Grand Rapids.

MINNESOTA—*Winona*.—Month of May, 1905. Estimated population, 23,000. Total number of deaths, 18, including diphtheria 1, and 2 from phthisis pulmonalis.

NEW HAMPSHIRE—*Franklin*.—Month of May, 1905. Estimated population, 6,000. Total number of deaths, 5, including 1 from tuberculosis.

*Manchester*.—Month of May, 1905. Estimated population, 62,000. Total number of deaths, 109, including cerebro-spinal meningitis 10, enteric fever 1, measles 2, and 8 from tuberculosis.

NEW JERSEY—*West Hoboken*.—Two weeks ended June 11, 1905. Estimated population, 30,000. Total number of deaths not reported. No deaths from contagious diseases reported.

NEW YORK—*Auburn*.—Month of May, 1905. Estimated population, 38,500. Total number of deaths, 45, including diphtheria 1, enteric fever 1, measles 1, and 5 from tuberculosis.

*Buffalo*.—Month of May, 1905. Estimated population, 400,000. Total number of deaths, 447, including diphtheria 8, enteric fever 3, measles 6, scarlet fever 2, whooping cough 8, and 55 from tuberculosis.

*Syracuse*.—Month of May, 1905. Estimated population, 120,000. Total number of deaths 147, including diphtheria 1, enteric fever 2, scarlet fever 4, and 14 from tuberculosis.

OHIO—*Cleveland*.—Month of May, 1905. Estimated population, 440,000. Total number of deaths 499, including diphtheria 1, enteric fever 6, measles 2, scarlet fever 1, whooping cough 2, and 53 from tuberculosis.

*Columbus*.—Month of April, 1905. Census population, 125,560. Total number of deaths, 173, including diphtheria 2, enteric fever 12, whooping cough 3, smallpox 2, and 30 from tuberculosis.

Month of May, 1905. Total number of deaths, 142, including cerebro-spinal meningitis 3, diphtheria 1, enteric fever 5, whooping cough 2, and 17 from tuberculosis.

TENNESSEE—*Chattanooga*.—Month of May, 1905. Estimated population, 40,000; white 27,000, colored 13,000. Total number of deaths, 37; white, 24; colored, 13, including 6 from phthisis pulmonalis.

UTAH—*Ogden*.—Month of May, 1905. Estimated population, 20,000. Total number of deaths, 22, including 1 from diphtheria.

WASHINGTON—*Tacoma*.—Month of May, 1905. Estimated population, 70,000. Total number of deaths, 49, including diphtheria 1, and 3 from phthisis pulmonalis.

ARRIVALS OF IMMIGRANTS.

*Report of immigration at Baltimore.*

OFFICE OF THE COMMISSIONER,  
*Baltimore, June 17, 1905.*

*Number of alien immigrants who arrived at this port during the week ended June 17, 1905; also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	Number of aliens.
June 12	Barnstable .....	Port Antonio .....	1
14	Beacon .....	do .....	1
14	Alice J. Turner .....	Governors Harbor .....	2
15	Chemnitz .....	Bremen .....	1,888
	Total .....		1,892

LOUIS T. WEIS, *Commissioner.*

*Report of immigration at Boston.*

OFFICE OF THE COMMISSIONER OF IMMIGRATION,  
*Boston, Mass., June 10, 1905.*

*Arrival of alien steerage passengers at this port during the week ended Saturday, June 10, 1905; also the names of vessels and ports from which they came.*

Date of arrival.	Vessel.	Where from.	Number of aliens.
June 4	Cymric .....	Liverpool .....	736
5	Admiral Farragut .....	Port Morant .....	3
6	Winifredian .....	Liverpool .....	3
7	Cambrian .....	London .....	1
8	Admiral Schley .....	Port Morant .....	8
10	Corean .....	Glasgow .....	287
	Total .....		1,038

GEO. B. BILLINGS, *Commissioner.*



*Reports of immigration at Key West.*

OFFICE OF THE COMMISSIONER OF IMMIGRATION,  
Key West, Fla., June 5, 1905.

*Report of arrivals of alien steerage passengers at this port during the week ended June 3, 1905; also names of vessels and ports from which they came.*

Date of arrival.	Vessel.	Where from.	Number of aliens.
May 29	Martinique.....	Habana.....	19
30	Mascotte.....	do.....	90
June 1	Gussie.....	do.....	143
	Miami.....	do.....	50
2	Martinique.....	do.....	3
3	Mascotte.....	do.....	76
	Total.....		381

JULIUS OTTO,  
Immigrant Inspector in Charge.

OFFICE OF THE COMMISSIONER OF IMMIGRATION,  
Key West, Fla., June 12, 1905.

*Report of arrivals of alien steerage passengers at this port during the week ended June 10, 1905; also names of vessels and ports from which they came.*

Date of arrival.	Vessel.	Where from.	Number of aliens.
June 5	Martinique.....	Habana.....	3
6	Miami.....	do.....	54
7	Gussie.....	do.....	48
8	Mascotte.....	do.....	42
10	Miami.....	do.....	67
	Total.....		214

JULIUS OTTO,  
Immigrant Inspector in Charge.

*Report of immigration at New York.*

OFFICE OF THE COMMISSIONER OF IMMIGRATION,  
Port of New York, June 12, 1905.

*Report of arrivals of alien steerage passengers at this port during the week ended June 10, 1905.*

Date of arrival.	Vessel.	Where from.	Number of aliens.
June 4	Umbria.....	Liverpool and Queenstown.....	473
4	New York.....	Southampton.....	544
4	La Touraine.....	Hayre.....	985
4	Vigilancia.....	Habana, etc.....	12
4	Capri.....	Rio de Janeiro, etc.....	15
4	Albani.....	Liverpool, Nova Scotia.....	1
5	Parisian.....	Glasgow.....	134
5	Nord America.....	Genoa and Naples.....	1,191
5	Perugia.....	Palermo and Naples.....	1,229
5	Pannonia.....	Fiume and Palermo.....	1,247
5	Blucher.....	Hamburg.....	1,448
5	Calderon.....	Rio de Janeiro, etc.....	5
6	Ryndam.....	Rotterdam.....	1,194
6	Citta di Genova.....	Genoa and Naples.....	1,386

*Report of arrivals of alien steerage passengers at this port during the week ended June 10, 1905—Continued.*

Date of arrival.	Vessel.	Where from.	Number of aliens.
June 6	Marco Minghetti.....	Genoa and Naples.....	846
6	Finland.....	Antwerp.....	1,419
6	Morro Castle.....	Habana.....	22
6	Oscar II.....	Copenhagen.....	1
7	Kaiser Wilhelm II.....	Bremen.....	765
7	Astoria.....	Glasgow.....	397
7	Cretic.....	Genoa and Naples.....	2,022
7	Friedrich der Grosse.....	Bremen.....	1,923
7	Lio <sup>a</sup> .....	Sagua.....	1
8	Napolitan Prince.....	Naples, Palermo, etc.....	1,125
8	Majestic.....	Liverpool and Queenstown.....	542
8	Caronia.....	do.....	530
8	Georgia.....	Naples and Trieste.....	990
9	Liguria.....	Genoa and Naples.....	1,143
9	Oscar II <sup>a</sup> .....	Copenhagen.....	9
9	Litcia <sup>a</sup> .....	Palermo.....	7
10	Buenos Aires.....	Genoa and Naples, etc.....	925
10	Lucania.....	Liverpool and Queenstown.....	328
10	Rhaetia.....	Hamburg.....	856
10	La Savoie.....	Havre.....	721
10	British Empire.....	Antwerp.....	3
	Total.....		24,389

<sup>a</sup> Deserter.

ROBERT WATCHORN, *Commissioner.*

*Report of immigration at Philadelphia.*

OFFICE OF THE COMMISSIONER OF IMMIGRATION,  
*Philadelphia, Pa., June 12, 1905.*

*Number of alien steerage passengers at this port during the week ended June 10, 1905; also names of vessels and ports from which they came.*

Date of arrival.	Vessel.	Where from.	Number of aliens.
June 6	Noordland.....	Queenstown and Liverpool.....	365
6	Carthaginian.....	Glasgow.....	5
May 19	Paula.....	Shields.....	1
	Total.....		371

JNO. J. S. RODGERS, *Commissioner.*

*Report of immigration at San Juan.*

OFFICE OF THE COMMISSIONER OF IMMIGRATION,  
*San Juan, P. R., June 5, 1905.*

*Number of alien immigrants who arrived at this port during the week ended June 3, 1905; also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	Number of aliens.
May 28	Montevideo.....	Genoa, Cadiz, Barcelona, and Malaga.....	18
31	Mignel Gallart.....	Palma de Mallorca and Canary Islands.....	2
	Philadelphia.....	Puerto Cabello and Curaçao.....	2
June 3	Saint Simon.....	Bordeaux and St. Thomas.....	7
	Total.....		29

GRAHAM L. RICE, *Commissioner.*

*Inspection of immigrants.*

## MONTHLY.

Place.	Month.	Number of immigrants inspected.	Number of immigrants passed.	Number of immigrants rejected.	Number of immigrants certified for rejection on account of dangerous, contagious, or loathsome diseases.	Remarks.
Aberdeen, Wash .....	1904. July .....	1	1	0	0	No transactions.
	1905. May .....	1	1	0	0	
Columbia River, Oreg. ....	May .....					
Iloilo, P. I. ....	Apr. ....	34	30	4	4	
Laredo, Tex. ....	Apr. ....	175	167	8	1	
	May .....	138	133	5	3	
Manila, P. I. ....	Apr. ....	167	163	4	4	
Naco, Ariz. ....	May .....	278	271	7	2	
San Francisco, Cal. ....	May .....	1,381	1,274	107	54	
Zamboanga .....	Apr. ....	3	3	0	0	

## Reports from national quarantine

Number.	Name of station.	Week ended—	Name of vessel.	Date of arrival.	Port of departure.
	<b>UNITED STATES:</b>				
1	Alexandria, Va .....	June 17	.....	.....	.....
2	Beaufort, N. C. ....	June 10	.....	.....	.....
3	Biscayne Bay, Fla. ....	June 17	.....	.....	.....
4	Bocagrande, Fla.— Punta Gorda .....	May 27 June 16	.....	.....	.....
	Puntarasa .....	do	.....	.....	.....
6	Brunswick, Ga. ....	do	.....	.....	.....
7	Cape Charles, Va. ....	June 17	.....	.....	.....
8	Cape Fear, N. C. ....	June 10	.....	.....	.....
9	Cedar Keys, Fla. ....	June 17	.....	.....	.....
10	Columbia River, Oreg. ....	June 10	.....	.....	.....
11	Cumberland Sound, Fla. ....	do	Nor. bk. Tana .....	June 6	Algoa Bay .....
12	Delaware Breakwater Quarantine, Lewes, Del.	do	.....	.....	.....
13	Eastport, Me. ....	June 15	.....	.....	.....
14	Eureka, Cal. ....	June 10	.....	.....	.....
15	Grays Harbor, Wash. ....	do	.....	.....	.....
16	Gulf Quarantine, Ship Is- land, Miss. ....	do	Am. schr. Starke <sup>a</sup> .....	May 30	Veracruz .....
			Nor. ss. Hiram <sup>a</sup> .....	June 3	Puerto Cortez .....
			Am. schr. Kate Feore .....	June 4	Colon .....
			It. bk. Olivari .....	do	Buenos Ayres via Barbados.
			Am. schr. Doris M. Pickup Br. bktn. Hornet. ....	do June 5	Cardenas .....
			Am. schr. Susie B. Dantz- ler. ....	June 8	Progreso .....
17	Ketchikan, Alaska .....	June 3 June 10	.....	.....	.....
18	Key West, Fla. ....	do	.....	.....	.....
19	Los Angeles, Cal. ....	do	.....	.....	.....
20	Newbern, N. C. ....	June 17	.....	.....	.....
21	Nome, Alaska .....	June 10	.....	.....	.....
22	Panama, Panama .....	June 17	.....	.....	.....
23	Pascagoula, Miss. ....	June 10	.....	.....	.....
24	Perth Amboy, N. J. ....	do	.....	.....	.....
25	Port Inglis, Fla. ....	do	.....	.....	.....
26	Port Angeles, Wash. ....	do	.....	.....	.....
27	Portland, Me. ....	do	.....	.....	.....
28	Port Townsend, Wash. ....	do	Br. bk. Eaton Hall .....	June 10	Iquique .....
29	Reedy Island, Del. ....	do	.....	.....	.....
30	St. Georges Sound, Fla.— East Pass .....	do	.....	.....	.....
31	West Pass .....	do	.....	.....	.....
32	St. Johns River, Fla. ....	do	.....	.....	.....
33	San Diego, Cal. ....	do	.....	.....	.....

<sup>a</sup> Previously reported.

## and inspection stations.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
1				No transactions	
2				do.	
3				No report	
4				1 vessel spoken and passed.	2
5				1 vessel passed without inspection.	
6				No report	
7				No transactions	
8					9
9				No transactions	
10				No report	
11	Fernandina	Held for discharge of ballast and disinfection.		5 vessels spoken and passed.	
12					4
13					27
14				No transactions	
15					3
16	Pascagoula	Disinfected and held	June 4		7
	Mobile	do		2 deaths from yellow fever at quarantine.	
	Gulf port	do	June 9		
	do	Fumigated to destroy rats	June 5		
	Mobile	Held for observation	do	2 cases enteric fever.	
	Ship Island	Disinfected and held for observation.	June 8	1 case malarial fever.	
	Pascagoula	Disinfected	do		
17				No transactions	
				do.	
18					9
19				No transactions	
20				No report	
21				do.	
22				do.	
23				2 vessels spoken and passed	5
24				No transactions	
25				No report	
26				do	
27				No transactions	
28	Blakeley	Partial disinfection	June 10	Crew bathed, clothing and bedding disinfected. Glandular examination, Br. ss. Saint Helena, from Karatsu, Br. ss. Beckenham, from Moji, and Muroran, ship Reuce, from Acapulco, schr. Wilbert L. Smith, from Kobe, and Br. bk. Eaton Hall, from Iquique.	5
29				Glandular examination, Br. ss. Manningry from Smyrna; Br. ss. John Bright from Veracruz, and Br. ss. Gadsby from Bombay. U. S. S. Dixie from Colon boarded and passed; 1 case enteric fever.	18
30				No report	
31				No transactions	
32				11 vessels spoken and passed; 3 steamships passed without inspection.	
33					2

*Reports from national quarantine*

Number.	Name of station.	Week ended—	Name of vessel.	Date of arrival.	Port of departure.
34	UNITED STATES—Continued. San Francisco, Cal.....	June 10	Br. ss. Queen Alexandra..	June 5	Shanghai.....
35	San Pedro, Cal.....	do			
36	Santa Barbara, Cal.....	do			
37	Santa Rosa, Fla.....	June 11	Am. schr. Donna Cristina. <sup>a</sup> Dan. ss. Sarmatia .....	May 31 June 7	Alvarado and Veracruz. New York.....
			It. bk. De Gregori Giobetto. It. bk. Innocenta.....	June 9 do	Buenos Aires..... Fort de France...
38	Savannah, Ga.....	June 10	Br. schr. Success .....	June 6	Habana .....
39	Sitka, Alaska .....	June 3			
40	South Atlantic quarantine, Blackbeard Island, Ga.	June 10			
41	Southbend, Wash.....	do			
42	Tampa Bay, Fla .....	do	Am. schr. Augustus H. Babcock.	June 6	Colon .....
43	Washington, N. C.....	June 17			
HAWAII:					
44	Hilo.....	May 27			
45	Honolulu.....	do			
46	Kahului.....	June 3			
47	Kihei.....	May 27			
48	Koloa.....	do			
49	Lahaina.....	June 3			
50	Mahukona.....	May 27			
PHILIPPINE ISLANDS:					
51	Cebu.....	May 6			
52	Iloilo.....	do			
		May 13			
53	Manila.....	Apr. 29	Am. launch Colon <sup>a</sup> .....	Apr. 12	Lucena.....
			Am. coast guard cutter Busuanga.	Apr. 24	Palanove.....
			Br. ss. Rubi.....	Apr. 27	Hongkong and Amoy.

## and inspection stations—Continued.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
34	San Francisco....	Fumigated to kill vermin..	June 6	Previously at other Oriental ports. Crew vaccinated and effects disinfected. Glandular examination Am. ss. China from Hongkong. Temperature taken Am. ss. San Juan from Ancon. 2 vessels boarded and passed.	15
35				No transactions.....	
36				do.....	
37	Pensacola.....	Fumigated.....	June 5	2 vessels boarded and passed.	2
	do.....	Holds made clean.....	June 7		
	do.....	Fumigated.....			
	do.....	do.....			
38	Savannah.....	Fumigated and held.....		Previous port, Rio de Janeiro. One vessel spoken and passed.	1
39				No report.....	
40				No transactions.....	
41				do.....	
42	Port Tampa.....	Disinfected and held.....		1 case malarial fever.....	2
43				No report.....	
44				No transactions.....	
45				No report.....	
46				No transactions.....	
47				No report.....	
48				do.....	
49				No transactions.....	
50					2
51				46 bancas inspected and passed.	33
52				1 vessel fumigated to destroy vermin.	43
				Malaria on Am. schr. Larry, from Zamboanga.	54
53	Manila.....	Disinfected. Vessel released. Personnel detained.		No new cases smallpox. All persons in detention, including the patient, released Apr. 28.	56
	do.....	Disinfected.....	Apr. 26	1 case smallpox on arrival. Vessel remanded to Mariveles. Patient removed to hospital. Crew and passengers bathed and effects and baggage disinfected. 29 of the crew and 3 steerage passengers, who had been recently successfully vaccinated, released with the vessel. Nearly all the steerage passengers, more than 71 in number, were sick with dysentery, beriberi, or tuberculosis. As many as possible were placed in hospital. 3 deaths occurred among these from chronic dysentery and 1 death from tuberculosis. The smallpox case will probably die from chronic dysentery.	
	do.....	do.....	Apr. 27	71 crew, 21 second-class and 200 steerage passengers bathed and effects disinfected. All inspected. 3 vessels fumigated to destroy vermin. Members of crew on 29 vessels vaccinated.	

*Reports from national quarantine*

Number.	Name of station.	Week ended—	Name of vessel.	Date of arrival.	Port of departure.
53	PHILIPPINE ISLANDS—Con. Manila .....	May 6	Am. coast guard cutter Busuanga. <sup>a</sup>	Apr. 24	Palanove.....
			Br. ss. Zafiro.....	May 2	Hongkong.....
54	Zamboanga .....	Apr. 29			
56	PORTO RICO: Ponce .....	June 3			
57	San Juan.....	do	Carmelita .....	May 30	Puerto Cabello .....
			S. S. Philadelphia.....	May 31	do .....
	Subports—				
58	Aguadilla .....	do			
59	Arecibo .....	do			
60	Arroyo .....	do			
61	Fajardo .....	May 27			
62	Humacao .....	June 3			
63	Mayaguez .....	do			

<sup>a</sup> Previously reported.



## and inspection stations—Continued.

Number.	Destination.	Treatment of vessels, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
53	Manila .....	Disinfected .....		No new cases smallpox. Smallpox patient died April 30. 2 ship's officers released May 4. 5 deaths in quarantine; 4 of chronic dysentery, 1 of smallpox and chronic dysentery.	66
	do .....	do .....	May 2	Vessel sent to Mariveles for semiannual disinfection. 3 vessels fumigated to destroy vermin. Members of crew on 24 vessels vaccinated. 4 steerage passengers vaccinated.	
54	.....	.....			2
56	.....	.....			2
57	Pampata, Venezuela.	Held .....	May 31	1 vessel boarded and passed.	5
	New York .....	do .....	do .....		
58	.....	.....		No transactions .....	
59	.....	.....			1
60	.....	.....		No transactions .....	
61	.....	.....			1
62	.....	.....			2
63	.....	.....			1
	.....	.....			3

Reports from State and

Number.	Name of station.	Week ended—	Name of vessel.	Date of arrival.	Port of departure.
1	Baltimore, Md.....	June 17			
2	Bangor, Me.....	do			
3	Boston, Mass.....	do			
4	Charleston, S. C.....	June 10			
5	Elizabeth River, Va.....	June 17			
6	Galveston, Tex.....	June 10			
7	Gardiner, Oreg.....	do			
8	Marcushook, Pa.....	June 17			
9	Mobile Bay, Ala.....	June 3	Nor. ss. Farmand.....	May 28	Neuvas
			Br. schr. Charlevoix.....	do	Martanzas
			Nor. ss. Condor.....	May 29	Ceiba
			Nor. ss. Brewster.....	do	Bocas del Toro
			Nor. ss. Hispania.....	do	Limon
			Nor. ss. Ft. Morgan.....	May 30	Bocas del Toro
			Schr. Blanca Cefalu.....	May 31	Ruatan
			Nor. ss. Mt. Vernon.....	June 1	Limon
			Nor. ss. Hiram.....	June 2	Puerto Cortes
		June 10	Nor. ss. Dagfin.....	June 3	Tampico
			Br. schr. Bartoldi.....	June 4	Cardenas
			Schr. J. C. Clifford.....	do	Sagua
			Nor. bk. Benares.....	do	Liverpool
			Nor. bk. Axel.....	do	Para
			Nor. ss. Sorland.....	do	Matanzas
			Br. ss. Iltyd.....	June 5	Tampico
			Nor. ss. Alm.....	do	Progreso
			Ger. ss. Bound Brook.....	do	Bocas del Toro
			Nor. ss. Egda.....	June 6	Coatzacoalcos
			Nor. ss. Ft. Gaines.....	do	Bocas del Toro
			Br. ss. Fernfield.....	June 7	Tampico
			Nor. ss. Belize.....	June 8	Belize
			Sp. ss. Saturnina.....	June 9	Cienfuegos
			Nor. ss. Colombia.....	do	Bocas del Toro
			Nor. ss. Titlis.....	June 10	St. Thomas
			Nor. ss. España.....	do	Puerto Cortes
10	New Bedford, Mass.....	June 3			
11	New Orleans, La.....	June 10	Am. schr. A. T. Stowell <sup>a</sup> .....	June 3	Mexican ports
			Br. ss. Olympia.....	June 5	Belize
			Nor. ss. Origen.....	do	Limon
			Br. ss. Sahara.....	do	Progreso
			Br. ss. Beverly.....	June 6	Bocas del Toro
			Nor. ss. Venus.....	do	Limon
			Nor. ss. Taunton.....	June 7	do
			Nor. ss. Sapphire.....	June 10	Colon via Belize
			Ger. ss. Helvetia.....	do	Mexican ports
12	Newport News, Va.....	June 17			
13	Newport, R. I.....	do			
14	New York, N. Y.....	do			
15	Pass Cavallo, Tex.....	do			
16	Port Royal, S. C.....	do			
17	Providence, R. I.....	do			
18	Quintana, Tex.....	do			
19	Sabine Pass, Tex.....	do			
20	St. Helena Entrance, S. C.....	do			

<sup>a</sup> Previously reported.

*municipal quarantine stations.*

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
1				No report	
2				do	
3				do	
4					1
5				No report	
6				do	
7				do	
8				do	
9	Mobile	Disinfected			4
	do	do			
	do	do			
	do	do			
	do	do			
	do	do			
	do	do			
	do	do			
	do	do			
	do	do		Remanded to Gulf quarantine; 2 cases yellow fever.	
	do	Disinfected and held			
	do	Disinfected			5
	do	do			
	do	do			
	do	Disinfected and held	June 11		
	do	Disinfected			
	do	Disinfected and held	June 6		
	do	do	June 7		
	do	Disinfected		Malaria, 1 case; enteric fever, 1 case.	
	do	Disinfected and held	June 11		
	do	Disinfected			
	do	Disinfected and held	June 8		
	do	Disinfected			
	do	do			
	do	do			
	do	Disinfected and held			
	do	do			
10					
11	New Orleans	Disinfected and held	June 8	No report	
	do	Disinfected	June 5		
	do	do	do		
	do	Disinfected and held	June 8		
	do	Disinfected	June 6		
	do	do	do		
	do	do	June 7		
	do	do	June 10		
	do	Disinfected and held			
12				No report	
13				do	
14				do	
15				do	
16				do	
17				do	
18				do	
19				do	
20				do	

*Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, December 31, 1904, to June 23, 1905.*

For reports received from June 25 to December 30, 1904, see PUBLIC HEALTH REPORTS for December 30, 1904.

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

Place.	Date.	Cases.	Deaths.	Remarks.	
<b>Alabama:</b>					
Mobile .....	Dec. 19-Jan. 9 ...	3		From vessels in port.	
Total for State .....		3			
Total for State, same period, 1904.					
<b>Arkansas:</b>					
Fort Smith .....	Dec. 11-Apr. 22 .	9		Present. Number of cases in Pulaski County from Sept. 1 to Dec. 20, 1904, 120, with 8 deaths.	
Pulaski County .....	Jan. 21.....				
Total for State .....		9			
Total for State, same period, 1904.		35			
<b>California:</b>					
Los Angeles .....	Apr. 9-June 10 ...	6			
San Francisco .....	Jan. 22-Apr. 29 ..	7			
Total for State .....		13			
Total for State, same period, 1904.		79	5		
<b>Colorado:</b>					
Adams County .....	Jan. 1-31 .....	1			
Boulder County .....	Jan. 1-Mar. 31 ..	11			
Delta County .....	Mar. 1-31 .....	1			
Denver County .....	Jan. 1-Mar. 31 ..	5			
Eagle County .....	Mar. 1-31 .....	1			
Garfield County .....	Dec. 1-31 .....	11			
Gilpin County .....	Jan. 1-31 .....	1			
Huerfano County .....	Feb. 1-28 .....	1			
Jefferson County .....	Jan. 1-Mar. 31 ..	5			
Lake County .....	Dec. 1-31 .....	5			
Larimer County .....	Dec. 1-Mar. 31 ..	198			
Las Animas County .....	Dec. 1-31 .....	1			
Otero County .....	Feb. 1-28 .....	1			
Park County .....	Jan. 1-31 .....	1			
Pueblo County .....	Jan. 1-31 .....	1			
Routt County .....	Feb. 1-28 .....	2			
Teller County .....	Jan. 1-31 .....	10			
Weld County .....	Dec. 1-Mar. 31 ..	19			
Total for State .....		275			
Total for State, same period, 1904.		532	1		
<b>District of Columbia:</b>					
Washington .....	Dec. 18-June 10 ..	28	3		
Total for District .....		28	3		
Total for District, same period, 1904.		54			
<b>Florida:</b>					
Jacksonville .....	Dec. 18-June 10 ..	62			
West Tampa City .....	Mar. 19-Apr. 15 ..	7			
Total for State .....		69			
Total for State, same period, 1904.		144			
<b>Georgia:</b>					
Macon .....	Jan. 22-Mar. 11 ..		2		
Total for State .....			2		
Total for State, same period, 1904.		14	7		
<b>Illinois:</b>					
Ann Arbor .....	Jan. 1-Apr. 22 ...	5			
Cairo .....	Mar. 28-Apr. 3 ..	12			
Chicago .....	Dec. 25-June 17 ..	406	39		

## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Illinois—Continued.</b>				
Danville .....	Dec. 18-June 15..	56	5	
East St. Louis .....	Jan. 1-June 1 ..	52	9	
Galesburg .....	Jan. 28-June 3 ..	10		
Peoria .....	Dec. 1-Mar. 31 ..	11	1	
<b>Total for State .....</b>		<b>552</b>	<b>54</b>	
<b>Total for State, same period, 1904. ....</b>		<b>237</b>	<b>4</b>	
<b>Indiana:</b>				
General .....	Jan. 1-Mar. 31 ..		16	
Allen County .....	Apr. 1-30 .....	4		
Clark County .....	Apr. 1-30 .....	1	1	
Delaware County .....	Apr. 1-30 .....	2	1	
Elkhart County .....	Apr. 1-30 .....	2		
Floyd County .....	Apr. 1-30 .....	20		
Gibson County .....	Apr. 1-30 .....	1		
Johnson County .....	Apr. 1-30 .....	1		
Kosciusko County .....	Apr. 1-30 .....	1		
Lake County .....	Feb. 22-28 .....	1		
Lawrence County .....	Apr. 1-30 .....	10		
Madison County .....	Apr. 1-30 .....	25		
Marion County .....	Apr. 1-30 .....	1	1	Infection brought from St. Louis.
St. Joseph County (South Bend) .....	June 4-10 .....	6		
Shelby County .....	Apr. 1-30 .....	1		
Spencer County .....	Apr. 1-30 .....	13		
Sullivan County .....	Apr. 1-30 .....	5	1	
Switzerland County .....	Apr. 1-30 .....	1		
Tipton County .....	Apr. 1-30 .....	17		
Vanderburg County (Evansville included) .....	Mar. 15-Apr. 30 ..	26		
Washington County .....	Apr. 1-30 .....	21		
<b>Total for State .....</b>		<b>159</b>	<b>20</b>	
<b>Total for State, same period, 1904. ....</b>		<b>39</b>	<b>1</b>	
<b>Iowa:</b>				
Davenport .....	May 1-3 .....		2	
<b>Total for State .....</b>			<b>2</b>	
<b>Total for State same period, 1904. ....</b>		<b>11</b>	<b>1</b>	
<b>Kansas:</b>				
Allen County .....	Jan. 1-Apr. 30 ..	22		
Anderson County .....	Jan. 1-31 .....	1		
Atchison County .....	Jan. 1-Feb. 28 ..	5		
Bourbon County .....	Jan. 1-Apr. 30 ..	80		
Brown County .....	Dec. 1-Apr. 30 ..	132	1	
Chase County .....	Feb. 1-28 .....	2		
Cherokee County .....	Dec. 1-Apr. 30 ..	52	7	
Clay County .....	Feb. 1-Mar. 31 ..	2		
Cloud County .....	Dec. 1-Apr. 30 ..	47		
Coffey County .....	Dec. 1-Apr. 30 ..	10		
Comanche County .....	Apr. 1-30 .....	8		
Crawford County .....	Jan. 1-Apr. 30 ..	202		
Dickinson County .....	Mar. 1-31 .....	3		
Doniphan County .....	Feb. 1-28 .....	3		
Douglas County .....	Feb. 1-Apr. 30 ..	14		
Edwards County .....	Mar. 1-31 .....	8		
Ellis County .....	Dec. 1-Mar. 31 ..	194	1	
Ellsworth County .....	Mar. 1-Apr. 30 ..	46		
Franklin County .....	Dec. 1-Mar. 31 ..	50		
Geary County .....	Dec. 1-Apr. 30 ..	224		
Gove County .....	Dec. 1-Mar. 31 ..	63	1	
Graham County .....	Dec. 1-Apr. 30 ..	53		
Greenwood County .....	Dec. 1-Mar. 31 ..	5		
Hamilton County .....	Apr. 1-30 .....	1		
Harvey County .....	Jan. 1-Feb. 28 ..	9		
Jackson County .....	Jan. 1-Feb. 28 ..	6		
Jewell County .....	Mar. 1-31 .....	1		
Johnson County .....	Apr. 1-30 .....	1		
Kingman County .....	Feb. 1-Mar. 31 ..	60		
Kiowa County .....	Mar. 1-31 .....	2		
Labette County .....	Jan. 1-Apr. 30 ..	14		
Lane County .....	Jan. 1-Feb. 28 ..	15		
Leavenworth County (Leavenworth included) .....	Dec. 1-Apr. 30 ..	8		
Lincoln County .....	Dec. 1-Mar. 31 ..	120		
Linn County .....	Dec. 1-Mar. 31 ..	64	2	
Logan County .....	Feb. 1-28 .....	4		

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Kansas—Continued.</b>				
Lyon County .....	Dec. 1-Apr. 30 .....	195	1	
McPherson County .....	Dec. 1-Apr. 30 .....	102		
Marion County .....	Jan. 1-Apr. 30 .....	392		
Marshall County .....	Jan. 1-Mar. 31 .....	35		
Miami County .....	Dec. 1-Apr. 30 .....	197	2	Number for January no given.
Mitchell County .....	Dec. 1-Apr. 30 .....	76		
Montgomery County .....	Jan. 1-Apr. 30 .....	12		
Nemaha County .....	Feb. 1-Apr. 30 .....	35		
Neosho County .....	Dec. 1-Apr. 30 .....	90	1	
Ness County .....	Dec. 1-Apr. 30 .....	123	1	
Norton County .....	Mar. 1-Apr. 30 .....	11		
Osage County .....	Dec. 1-31 .....	25		
Osborne County .....	Dec. 1-Apr. 30 .....	32		
Ottawa County .....	Mar. 1-Apr. 30 .....	18		
Pawnee County .....	Jan. 1-31 .....	8		
Phillips County .....	Dec. 1-Apr. 30 .....	9		
Pottawatomie County .....	Jan. 1-Apr. 30 .....	51		Number for January not reported.
Pratt County .....	Apr. 1-30 .....	5		
Rawlins County .....	Jan. 1-Feb. 28 .....	64		
Reno County .....	Dec. 1-Mar. 31 .....	49		
Republic County .....	Feb. 1-Apr. 30 .....	35		
Rice County .....	Mar. 1-31 .....	1		
Riley County .....	Mar. 1-Apr. 30 .....	6		
Rooks County .....	Jan. 1-Apr. 30 .....	28		Do.
Russell County .....	Jan. 1-Apr. 30 .....	44		
Saline County .....	Dec. 1-Apr. 30 .....	146		
Sedgwick County (Wichita included).	Mar. 1-May 27 .....	26		
Shawnee County (Topeka included).	Dec. 1-Apr. 30 .....	28		
Sheridan County .....	Jan. 1-Apr. 30 .....	35		
Smith County .....	Apr. 1-30 .....	9		
Stafford County .....	Apr. 1-30 .....	4		
Summer County .....	Apr. 1-30 .....	1		
Thomas County .....	Jan. 1-Apr. 30 .....	6		
Trego County .....	Dec. 1-Apr. 30 .....	11		
Wabaunsee County .....	Jan. 1-31 .....	1		
Washington County .....	Feb. 1-Apr. 30 .....	7		
Wilson County .....	Dec. 1-31 .....	7		
Woodson County .....	Dec. 1-Mar. 31 .....	10		
Wyandotte County (Kansas City included).	Dec. 1-Apr. 30 .....	86		
Total for State .....		3,549	17	
Total for State, same period, 1904.				
<b>Kentucky:</b>				
Covington .....	Mar. 23-May 20 .....	12		
Lexington .....	Mar. 12-Apr. 29 .....	2		
Louisville .....	Feb. 3-Apr. 13 .....	24	1	
Total for State .....		38	1	
Total for State, same period, 1904.		111	16	
<b>Louisiana:</b>				
New Orleans .....	Dec. 18-June 10 .....	279	4	Forty-eight imported.
Pointe Coupee Parish .....	Mar. 1-31 .....	1		
St. James Parish .....	Mar. 1-31 .....			Present.
St. John Parish .....	Mar. 1-31 .....			Do.
Total for State .....		280	4	
Total for State, same period, 1904.		114	5	
<b>Maine:</b>				
Madawaska Region .....	Dec. 1-31 .....	2		
Perry .....	Feb. 1 .....	1		
Portland .....	Apr. 2-8 .....	1		
Total for State .....		4		
Total for State, same period, 1904.		146		
<b>Massachusetts:</b>				
Boston .....	Jan. 22-May 6 .....	6	1	One case from ss. Cymric landing at Boston
Everett .....	Jan. 1-14 .....	5	1	
Haverhill .....	May 28-June 3 .....	1		
Hyde Park .....	Jan. 1-14 .....	2		
Lawrence .....	Jan. 1-Feb. 18 .....	6		

## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Massachusetts—Continued.				
Lowell .....	May 7-June 17 .....	11		
Quincy .....	Apr. 31-May 20 .....	3		
Total for State .....		34	2	
Total for State, same period, 1904.		7	1	
Michigan:				
Allegan County .....	Apr. 1-30 .....		1	
Alpena County .....	Mar. 1-Apr. 30 .....		2	
Arenac County .....	Feb. 1-28 .....		1	
Grand Traverse County .....	Dec. 1-31 .....		1	
Kent County (Grand Rapids included) .....	Apr. 2-June 10 .....	168	21	
Jackson County (Jackson in- cluded) .....	Dec. 1-Mar. 31 .....		10	
Mecosta County (Big Rapids) ..	May 1-31 .....		1	
Shiawassee County .....	Feb. 1-Mar. 31 .....		3	
Washtenaw County (Ann Ar- bor included) .....	Apr. 2-May 20 .....	3		
Wayne County (Detroit in- cluded) .....	Jan. 8-May 28 .....	30	1	
Total for State .....		201	41	
Total for State, same period, 1904.		78	6	
Minnesota:				
Aitkin County .....	Dec. 20-26 .....	9		
Beltrami County .....	Feb. 20-Apr. 3 .....	6		
Benton County .....	May 16-22 .....	1		
Blue Earth County .....	Apr. 10-June 5 .....	58		
Carlton County .....	Feb. 7-June 5 .....	10		
Carver County .....	Mar. 28-June 5 .....	49		
Cass County .....	Jan. 31-Feb. 6 .....	8		
Chisago County .....	May 2-29 .....	11		
Clay County .....	Jan. 3-Apr. 24 .....	12		
Cottonwood County .....	Feb. 28-Mar. 6 .....	4		
Crow Wing County .....	Dec. 27-Mar. 27 .....	20		
Dakota County .....	Jan. 31-May 1 .....	15		
Faribault County .....	Apr. 10-17 .....	1		
Fillmore County .....	Jan. 31-Feb. 6 .....	2		
Goodhue County .....	Jan. 10-23 .....	2		
Hennepin County .....	Dec. 20-June 5 .....	49	1	
Houston County .....	Dec. 27-Jan. 2 .....	9		
Hubbard County .....	Apr. 18-24 .....	2		
Itasca County .....	Jan. 31-May 29 .....	4		
Lake County .....	Jan. 24-Apr. 17 .....	33		
Lesueur County .....	Feb. 13-19 .....	3		
Lincoln County .....	Mar. 14-Apr. 24 .....	7		
Lyon County .....	Jan. 17-May 8 .....	9	1	
McLeod County .....	Dec. 27-May 29 .....	66		
Marshall County .....	Feb. 7-June 5 .....	347		
Martin County .....	Mar. 28-May 29 .....	46		
Meeker County .....	Dec. 13-June 5 .....	91		
Millelacs County .....	Feb. 28-June 5 .....	9		
Morrison County .....	Dec. 20-June 5 .....	5		
Mower County .....	Jan. 3-June 5 .....	42	1	
Norman County .....	May 23-29 .....	2		
Ottertail County .....	Dec. 13-June 5 .....	44		
Pine County .....	May 16-22 .....	1		
Polk County .....	Mar. 28-Apr. 24 .....	6	1	
Ramsey County .....	Dec. 27-June 5 .....	41	1	
Red Lake County .....	Feb. 28-May 22 .....	19		
Rice County .....	Dec. 13-May 15 .....	72		
St. Louis County .....	Dec. 27-May 29 .....	66		
Scott County .....	May 9-June 5 .....	17		
Stearns County .....	Dec. 20-June 5 .....	238		
Steele County .....	May 2-29 .....	4		
Stevens County .....	Jan. 17-Apr. 17 .....	3		
Todd County .....	Dec. 20-June 5 .....	105	2	
Wabasha County .....	Mar. 14-20 .....		1	
Wadena County .....	Dec. 27-May 29 .....	42		
Waseca County .....	Dec. 27-Apr. 3 .....	28		
Watsonwan County .....	Apr. 4-June 5 .....	8		
Wilkin County .....	Dec. 13-Feb. 13 .....	2		
Winona County .....	Jan. 10-16 .....	1		
Wright County .....	Jan. 31-June 5 .....	69	2	
Yellow Medicine County .....	Feb. 13-Apr. 3 .....	4		
Total for State .....		1,701	10	
Total for State, same period, 1904.		1,558	22	

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Mississippi:</b>				
Gulfport .....	Jan. 20 .....	2		
Natchez .....	Mar. 27-Apr. 8 .....	2		
Total for State .....		4		
Total for State, same period, 1904.				
<b>Missouri:</b>				
St. Joseph .....	Apr. 16-June 10 .....	73		
St. Louis .....	Dec. 18-June 10 .....	581	60	
Total for State .....		654	60	
Total for State, same period, 1904.		230	9	
<b>Montana:</b>				
Beaverhead County .....	Jan. 1-Mar. 31 .....	1		
Carbon County .....	Jan. 1-Mar. 31 .....	1	1	
Cascade County .....	Jan. 1-Mar. 31 .....	1		
Custer County .....	Jan. 1-Mar. 31 .....	4		
Dawson County .....	Jan. 1-Mar. 31 .....	1		
Deerlodge County .....	Jan. 1-Mar. 31 .....	1		
Fergus County .....	Jan. 1-Mar. 31 .....	18		
Gallatin County .....	Jan. 1-Mar. 31 .....	1		
Lewis and Clarke County (Helena included) .....	Jan. 1-Mar. 31 .....	2		
Meagher County .....	Jan. 1-Mar. 31 .....	2		
Missoula County .....	Jan. 1-Mar. 31 .....	1		
Park County .....	Jan. 1-Mar. 31 .....	7		
Silverbow County .....	Jan. 1-May 22 .....	5		
Sweet Grass County .....	Jan. 1-Mar. 31 .....	3	3	
Teton County .....	Jan. 1-Mar. 31 .....	6		
Yellowstone County .....	Jan. 1-Mar. 31 .....	113	12	
Total for State .....		167	16	
Total for State, same period, 1904.		17		
<b>Nebraska:</b>				
Omaha .....	Feb. 12-June 10 .....	30		
South Omaha .....	Mar. 19-June 10 .....	8		
Total for State .....		38		
Total for State, same period, 1904.		16	1	
<b>New Hampshire:</b>				
Manchester .....	May 20-27 .....	1		
Nashua .....	Apr. 30-May 27 .....	9		
Total for State .....		10		
Total for State, same period, 1904.		94	1	
<b>New Jersey:</b>				
Camden .....	Jan. 1-7 .....	1		
Jersey City .....	Apr. 24-30 .....		5	
Total for State .....		1	5	
Total for State, same period, 1904.		74	13	
<b>New York:</b>				
Kingston .....	May 14-20 .....	1		
Mount Vernon .....	Feb. 26-Mar. 18 .....	3		
New York .....	Dec. 18-June 10 .....	40	7	
Total for State .....		44	7	
Total for State, same period, 1904.		97	4	
<b>North Carolina:</b>				
Anson County .....	Nov. 1-30 .....	2		
Ashe County .....	Nov. 1-30 .....	2		
Beaufort County .....	Nov. 1-30 .....	17		
Bladen County .....	Nov. 1-30 .....	14		
Cabarrus County .....	Nov. 1-30 .....	2		
Camden County .....	Nov. 1-30 .....	50		
Cartaret County .....	Mar. 1-Apr. 3 .....	15		
Cherokee County .....	Nov. 1-30 .....	23		
Clay County .....	Nov. 1-30 .....	5		
Craven County .....	Nov. 1-Mar. 20 .....	13		
Durham County .....	Nov. 1-30 .....	6		
Gaston County .....	Nov. 1-30 .....			One case imported. Present.



## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>North Carolina—Continued.</b>				
Greene County.....	Nov. 1-30.....	75		
Henderson County.....	Nov. 1-30.....	7		
Lenoir County.....	Nov. 1-30.....	26		
Mecklenburg County.....	Nov. 1-30.....	8		
New Hanover County (Wil- mington included).	Nov. 1-Dec. 31.....	6		
Onslow County.....	Nov. 1-30.....	80		
Famlico County.....	Apr. 3-.....	50		
Pender County.....	Nov. 1-30.....	1		
Person County.....	Nov. 1-30.....	3		
Pitt County.....	Nov. 1-30.....	38		
Richmond County.....	Nov. 1-30.....	4		
Robeson County.....	Nov. 1-30.....	1		
Rockingham County.....	Nov. 1-30.....	1		
Rowan County.....	Nov. 1-30.....	1		
Rutherford County.....	Nov. 1-30.....	5		
Sampson County.....	Nov. 1-30.....	1		Present.
Scotland County.....	Nov. 1-30.....			
Union County.....	Nov. 1-30.....	24		In southern part.
Wake County.....	Nov. 1-30.....	45		
Warren County.....	Nov. 1-30.....	3		
Wayne County.....	Nov. 1-30.....	2		
Wilkes County.....	Nov. 1-30.....	7		
Total for State.....		548		
Total for State, same period, 1904.....		483	2	
<b>North Dakota:</b>				
Barnes County.....	Dec. 1-Jan. 31.....	3		
Cass County.....	Dec. 1-Jan. 31.....	2		
Cavalier County.....	Feb. 1-28.....	1		
Grand Forks County.....	Mar. 1-31.....	1		
Richland County.....	Mar. 1-31.....	17		
Walsh County.....	Dec. 1-Jan. 31.....	1		
Total for State.....		25		
Total for State, same period, 1904.....		338	3	
<b>Ohio:</b>				
Allen County.....	July 2-Dec. 10.....	19		
Athens County.....	July 2-Dec. 10.....	1		
Auglaize County.....	July 2-Dec. 10.....	1		
Belmont County.....	July 2-Dec. 10.....	2		
Champaign County.....	July 2-Dec. 10.....	3		
Columbiana County.....	Nov. 5-Dec. 10.....	2		
Coshocton County.....	July 2-Dec. 10.....	1		
Crawford County.....	July 2-Dec. 10.....	2		
Cuyahoga County.....	July 2-Dec. 10.....	1	1	
Darke County.....	July 2-Dec. 10.....	3		
Erie County.....	July 2-Dec. 10.....	3		
Fairfield County.....	July 2-Dec. 10.....	1		
Franklin County.....	July 2-Apr. 30.....	15	2	
Greene County.....	July 2-Dec. 10.....	4		
Guernsey County.....	July 2-Dec. 10.....	32		
Hamilton County (Cincinnati included).	Dec. 24-May 19.....	137	3	
Lawrence County.....	July 2-Dec. 10.....	4		
Logan County.....	July 2-Dec. 10.....	49		
Lorain County.....	July 2-Dec. 10.....	1		
Lucas County (Toledo included)	Nov. 5-June 10.....	104		
Mahoning County.....	July 2-Dec. 10.....	2	1	
Meigs County.....	July 2-Dec. 10.....	4		
Miami County.....	July 2-Dec. 10.....	10		
Montgomery County.....	July 2-Feb. 11.....	2		
Muskingum County.....	July 2-Feb. 4.....	6		
Noble County.....	July 2-Dec. 10.....	103		
Perry County.....	July 2-Dec. 10.....	15		
Pickaway County.....	July 2-Dec. 10.....	1		
Pike County.....	July 2-Dec. 10.....	1		
Ross County.....	July 2-Dec. 10.....	110		
Scioto County.....	July 2-Dec. 10.....	1		
Stark County.....	Nov. 5-Dec. 10.....	1		
Summit County.....	July 2-Dec. 10.....	1		
Trumbull County.....	July 2-Dec. 10.....	1		
Tuscarawas County.....	July 2-Dec. 10.....	2		
Washington County.....	July 2-Dec. 10.....	1		
Wood County.....	July 2-Dec. 10.....	6		
Total for State.....		652	7	
Total for State, same period, 1904.....		3,274	97	

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Oregon:</b>				
Portland .....	Apr. 1-30 .....		2	
Total for State .....			2	
Total for State, same period, 1904. ....				
<b>Pennsylvania:</b>				
Adams County .....	Jan. 1-31 .....	6		
Allegheny County .....	Jan. 9-15 .....	1		
Bedford County .....	Jan. 1-31 .....	20		
Blair County .....	Feb. 3-June 3 .....	9		One case from Huntingdon County.
Cambria County .....	Jan. 1-Feb. 25 .....	33		
Clearfield County .....	Jan. 1-31 .....	64	1	
Center County .....	Jan. 1-31 .....	23		
Dauphin County .....	Jan. 1-Apr. 29 .....	28		
Fayette County .....	Jan. 1-31 .....	4		
Jefferson County .....	Jan. 1-31 .....	3		
Lancaster County .....	Jan. 1-31 .....	2		
Lebanon County .....	Jan. 1-June 10 .....	122		
Philadelphia County .....	Mar. 19-25 .....	1		
Tioga County .....	Jan. 1-31 .....	72		
York County .....	Jan. 1-June 17 .....	141		
Total for State .....		529	1	
Total for State, same period, 1904. ....		2,121	281	
SUMMARY.				
Total reported .....	July 7, 1904 .....	334	30	
Do .....	Aug. 25, 1904 .....	113	3	
Do .....	Nov. 25, 1904 .....	102	4	
Do .....	Dec. 15, 1904 .....	409		
Grand total for period .....		958	37	
<b>Statement showing the prevalence of smallpox in Pennsylvania during the fourteen months commencing Nov. 1, 1903, and ending Dec. 31, 1904:</b>				
Allegheny County .....		854	135	
Adams County .....		1		
Blair County .....		26	2	
Beaver County .....		36	5	
Bedford County .....		11		
Berks County .....		25		
Bradford County .....		43		
Bucks County .....		12		
Butler County .....		18		
Cambria County .....		42		
Clarion County .....		1		
Clearfield County .....		58		
Columbia County .....		39		
Center County .....		37		
Chester County .....		11		
Crawford County .....		9		
Cumberland County .....		3		
Carbon County .....		4		
Clinton County .....		2		
Dauphin County .....		150		40 cases reported in November occurred in October.
Erie County .....		171		
Fayette County .....		110	6	
Franklin County .....	Nov. 1-30, 1904 .....	2		
Greene County .....		40		
Huntingdon County .....		1		
Indiana County .....		79		
Jefferson County .....		12	3	
Lackawanna County .....		12	3	
Lancaster County .....		7		
Lebanon County .....		131		
Lehigh County .....		222	1	
Luzerne County .....		19	1	
Lycoming County .....		28	3	
Mercer County .....		48	1	
Monroe County .....		3		
Montgomery County .....		35		
Northampton County .....		321		

## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Statement showing the prevalence of smallpox in Pennsylvania, etc.—Continued.				
Northumberland County .....		138	3	
Perry County .....		17		
Philadelphia County .....		1,599	325	
Schuylkill County .....		349	21	
Snyder County .....		1		
Somerset County .....		161		
Sullivan County .....		1		
Susquehanna County .....		8		
Tioga County .....		320		Outbreak began at Morris Run, Tioga County, in July, 1904, and was treated as chicken pox.
Union County .....		10		
Venango County .....		5		
Warren County .....		18	4	
Washington County .....		25		
Wayne County .....		142		
Westmoreland County .....		124	12	
York County .....		296		
Total .....		5,837	525	
Rhode Island:				
Providence .....	May 7-13 .....	1		
Total for State .....		1		
Total for State, same period, 1904.				
South Carolina:				
Camden .....	Feb. 12-18 .....	1		
Charleston .....	Dec. 11-June 10 .....	36	1	
Georgetown .....	Dec. 25-Jan. 26 .....	33		
Greenville .....	Jan. 1-May 27 .....	46	20	
Total for State .....		116	21	
Total for State, same period, 1904.		90	4	
Tennessee:				
Memphis .....	Dec. 25-June 17 .....	175	2	Six cases imported
Nashville .....	Dec. 18-June 3 .....	75		
Total for State .....		250	2	
Total for State, same period, 1904.		584	8	
Texas:				
San Antonio .....	Apr. 1-30 .....	2		
Total for State .....		2		
Total for State, same period, 1904.		66		
Utah:				
Box Elder County .....	Apr. 1-30 .....	1		
Cache County .....	Jan. 1-Apr. 30 .....	94		
Carbon County .....	Dec. 1-Jan. 31 .....	3		
Davis County .....	Jan. 1-Apr. 30 .....	45		
Grand County .....	Jan. 1-Mar. 31 .....	2		
Iron County .....	Jan. 1-Mar. 31 .....	8		
Juab County .....	Jan. 1-Apr. 30 .....	4		
Millard County .....	Jan. 1-Apr. 30 .....	11		
Morgan County .....	Apr. 1-30 .....	1		
Salt Lake County (Salt Lake City included).	Dec. 1-Apr. 30 .....	354	1	
Sanpete County .....	Jan. 1-Apr. 30 .....	12		
Sevier County .....	Dec. 1-Apr. 30 .....	58		
Summit County .....	Jan. 1-Mar. 31 .....	6		
Tooele County .....	Dec. 1-Apr. 30 .....	17	1	
Utah County .....	Jan. 1-Apr. 30 .....	120		
Weber County (Ogden included).	Dec. 1-May 31 .....	20		
Total for State .....		756	2	
Total for State, same period, 1904.		22		

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.	
<b>Washington:</b>					
Adams County.....	Dec. 1-31.....	1		One case imported.	
Cowlitz County.....	Dec. 1-31.....	1			
Kittitas County.....	Dec. 1-31.....	1			
Lincoln County.....	Jan. 1-31.....	1			
Mason County.....	Mar. 1-31.....	1			
Snohomish County.....	Mar. 1-31.....	2			
Spokane County (Spokane).....	Dec. 1-31.....	2			
Walla Walla County.....	Jan. 1-Feb. 28.....	2			
Total for State.....		11			
Total for State, same period, 1904.....		186	3		
<b>West Virginia:</b>					
Morgan County.....	Dec. 1, 1904-May 25, 1905.....	200			
Wheeling.....	Feb. 24-Mar. 4.....	1			
Total for State.....		201			
Total for State, same period, 1904.....		20	1		
<b>Wisconsin:</b>					
Appleton.....	May 1-June 3.....	6	1		
La Crosse.....	Apr. 10-June 10.....	7			
Milwaukee.....	Dec. 18-June 3.....	223	5		
Total for State.....		236	6		
Total for State, same period, 1904.....		200			
Statement showing the prevalence of smallpox in Wisconsin during the four months commencing Sept. 1 and ending Dec. 31, 1904:					
Ashland County.....	Dec. 1-31.....	3			
Barron County.....	Nov. 1-Dec. 31.....	22			
Brown County.....	Dec. 1-31.....	1			
Burnett County.....	Dec. 1-31.....	3			
Columbia County.....	Dec. 1-31.....	16			
Douglas County.....	Sept. 1-Dec. 31.....	83			
Gates County.....	Nov. 1-30.....	4			
Grant County.....	Dec. 1-31.....	3			
Juneau County.....	Dec. 1-31.....	1			
La Crosse County.....	Sept. 1-Dec. 31.....	26			
Langlade County.....	Dec. 1-31.....	25			
Marquette County.....	Dec. 1-31.....	5			
Milwaukee County.....	Sept. 1-Dec. 31.....	105			
Oneida County.....	Dec. 1-31.....	1			
Portage County.....	Dec. 1-31.....	5			
Sawyer County.....	Dec. 1-31.....	2			
Waushara County.....	Sept. 1-30.....	1			
Total.....		308			
Grand total.....		11,164	285		
Grand total, same period, 1904.....		11,171	500		

*Yellow fever in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, January 7 to June 23, 1905.*

Place.	Date.	Cases.	Deaths.	Remarks.
Mississippi:				
Ship Island.....	June 3-6.....	2	2	From ss. Hiram from Puerto Cortez. Arrived at Mobile on June 3; remanded to Ship Island.
New York:				
New York Quarantine.....	June 7.....	1	1	From ss. Seguranca from Colon. Case was quarantined on Swinburne Island.
Texas:				
Galveston.....	Dec. 31.....	2		From ss. Horatio from Para via Barbados.

*Cerebro-spinal meningitis in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, March 16 to June 23, 1905.*

[These reports were received in response to circular letter dated March 16, 1905, published in Public Health Reports of March 24, 1905, page 484.]

Place.	Date.	Cases.	Deaths.	Remarks.
<b>California:</b>				
Los Angeles.....	Apr. 1-30, 1905.....		1	
Oakland.....	Apr. 1-30, 1905.....		2	
San Francisco.....	July 1-Dec. 31, 1904.....		16	
	Jan. 2-May 27, 1905.....		6	
Total for State.....			25	
<b>Colorado:</b>				
Denver.....	July 1, 1904-Mar. 31, 1905.....	15	15	
Pueblo.....	July 1-Sept. 30, 1904.....	2	2	
Total for State.....		17	17	
<b>Connecticut:</b>				
Bridgeport.....	May 1-31, 1905.....	4		
Derby.....	May 1-31, 1905.....	1		
Hartford.....	May 1-31, 1905.....	2		
New Britain.....	May 1-31, 1905.....	1		
New Haven.....	Sept. 1-Dec. 31, 1904.....		18	
Do.....	Jan. 1-May 31, 1905.....	34	19	
Norwalk.....	May 1-31, 1905.....	1		
Putnam.....	May 1-31, 1905.....	2		
Waterbury.....	May 1-31, 1905.....	1		
West Haven.....	May 1-31, 1905.....	2		
Total for State.....		48	37	
<b>Delaware:</b>				
Wilmington.....	July 1, 1904-May 27, 1905.....	1	15	
Total for State.....		1	15	
<b>Illinois:</b>				
Belleville.....	Apr. 1-7, 1905.....		1	
Chicago.....	Jan. 1-May 29, 1905.....		9	
Total for State.....			10	
<b>Indiana:</b>				
General.....	Jan. 1-Apr. 30, 1905.....		159	
Total for State.....			159	
<b>Kansas:</b>				
Gove County.....	Apr. 1-30, 1905.....	3	1	
Wichita.....	Apr. 9-29, 1905.....	2	2	
Total for State.....		5	3	
<b>Louisiana:</b>				
Shreveport.....	Sept. 1-Dec. 31, 1904.....		2	
Do.....	Jan. 1-Feb. 28, 1905.....		1	
Total for State.....			3	
<b>Maryland:</b>				
Baltimore.....	Mar. 22, 1905.....	2		
Total for State.....		2		
<b>Massachusetts:</b>				
Brockton.....	Mar. 1-31, 1905.....		1	
Fall River.....	Apr. 1-May 27, 1905.....	5	3	
Haverhill.....	May 14-20, 1905.....	2	2	
Lawrence.....	Mar. 25-June 10, 1905.....	42	27	
Lowell.....	Mar. 11-June 17, 1905.....	79	49	
Lynn.....	Apr. 2-May 27, 1905.....	6	11	
New Bedford.....	Apr. 30-May 6, 1905.....		1	
Newton.....	Mar. 1-Apr. 30, 1905.....		2	
Quincy.....	Mar. 26-Apr. 1, 1905.....	2	2	
Taunton.....	May 20-27, 1905.....	1	1	
Somerville.....	Aug. 1-Dec. 31, 1904.....		8	

*Cerebro-spinal meningitis in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Massachusetts—Continued.</b>				
Somerfield .....	Jan. 1-June 3, 1905	13	13	
Springfield .....	Mar. 1-31, 1905	3	3	
Worcester .....	Apr. 9-May 27, 1905	8	11	
Total for State .....		161	134	
<b>Michigan:</b>				
General .....	July 1-Dec. 31, 1904			Present at 57 places, with 60 deaths. Present at 44 places, with 170 deaths. Forty deaths occurred during the month of May.
Do .....	Jan. 1-Apr. 30, 1905			
Ann Arbor .....	Mar. 5-11, 1905		1	
Grand Rapids .....	Apr. 8-June 3, 1905	4	6	
Port Huron .....	Sept. 1, 1904-Jan. 31, 1905.		6	
Total for State .....		4	13	
<b>Mississippi:</b>				
Natchez .....	July 1, 1904-May 24, 1905.	6	5	
Total for State .....		6	5	
<b>Missouri:</b>				
St. Joseph .....	Apr. 16-June 10, 1905.	3	3	
Total for State .....		3	3	
<b>Nebraska:</b>				
South Omaha .....	Feb. 26-Apr. 30, 1905.	2	1	
Total for State .....		2	1	
<b>New Hampshire:</b>				
Concord .....	Apr. 1-30		1	
Manchester .....	Apr. 1-May 31		37	
Nashua .....	Mar. 1-Apr. 22, 1905		4	
Total for State .....			42	
<b>New Jersey:</b>				
Jersey City .....	Jan. 1-31, 1904		55	
Do .....	Jan. 1-May 14, 1905		100	
Newark .....	Apr. 2-June 10, 1905.	82	56	
Passaic .....	Mar. 1-31, 1905	2	2	
West Hoboken .....	Apr. 2-30, 1905	3	2	
Total for State .....		87	215	
<b>New York:</b>				
Amherst .....	Mar. 1-31, 1905		1	1,700 deaths were reported during the calendar year 1904; 640 deaths were reported during January and March, 1905.
Albany .....	Feb. 1-Mar. 31, 1905.		9	
Auburn .....	Feb. 1-Apr. 30, 1905.		4	
Batavia .....	Feb. 1-28, 1905		1	
Buffalo .....	July 1-Dec. 31, 1904.		17	
Do .....	Jan. 1-Feb. 28, 1905.		2	
Cohoes .....	Feb. 1-Mar. 31, 1905.		3	
Esopus .....	Mar. 1-31, 1905		1	
Goshen .....	Feb. 1-Mar. 31, 1905.		4	
Hempstead .....	Mar. 1-31, 1905		1	
Hudson .....	Feb. 1-28, 1905		1	
Ithaca .....	July 1, 1904-Apr. 1, 1905.		2	
Jamestown .....	Mar. 1-31, 1905		1	
Kingston .....	July 1, 1904-June 3, 1905.	1	8	
Little Falls .....	Feb. 1-Mar. 31, 1905.		2	
Lockport .....	Feb. 1-28, 1905		1	
Middletown .....	Mar. 1-31, 1905		3	
Mount Vernon .....	Feb. 1-28, 1905		1	
Newburgh .....	Mar. 1-31, 1905		1	
New York .....	Dec. 1-31, 1904		95	
Do .....	Jan. 1-June 11, 1905.		714	

## Cerebro-spinal meningitis in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>New York—Continued.</b>				
Niagara Falls.....	Apr. 30-June 10, 1905.	3	2	
Ogdensburg.....	Feb. 1-Mar. 31, 1905.		2	
Ossining.....	Mar. 1-31, 1905.....		1	
Plattsburg.....	Feb. 1-28, 1905.....		1	
Port Chester.....	Mar. 1-31, 1905.....		1	
Poughkeepsie.....	Mar. 1-31, 1905.....		1	
Rochester.....	Mar. 1-June 7, 1905.....	3	2	
Rome.....	May 1-Aug. 31, 1904.		3	
Do.....	Jan. 1-May 20, 1905.	1	3	
Schenectady.....	July 1-Dec. 31, 1904.	7	7	
Do.....	Jan. 1-Mar. 31, 1905.	7	8	
Syracuse.....	Feb. 1-May 31, 1905.		6	
Troy.....	July 1-Oct. 31, 1904.....		7	
Do.....	Jan. 1-May 31, 1905.....		3	
Warwick.....	Mar. 1-31, 1905.....		1	
Whitestown.....	Mar. 1-31, 1905.....		1	
Yonkers.....	Feb. 1-Mar. 31, 1905.		14	
Total for State.....		22	935	
<b>North Carolina:</b>				
Charlotte.....	Mar. 1-31, 1905.....		2	
Total for State.....			2	
<b>Ohio:</b>				
Cincinnati.....	Apr. 1-May 12, 1905.....	40	26	
Cleveland.....	July 1-Dec. 31, 1904.....		6	
Do.....	Jan. 1-June 16, 1905.....	7	30	
Columbus.....	May 25-31.....		3	
Findlay.....	Dec. 18-24, 1904.....	2	2	
Do.....	Apr. 2-8, 1905.....	1	1	
Ironton.....	July 1-Dec. 31, 1904.....	2	2	
Do.....	Jan. 1-May 31, 1905.....	5	5	
Springfield.....	Sept. 1-Dec. 31, 1904.....	6	6	
Do.....	Jan. 1-31, 1905.....	3	2	
Toledo.....	Apr. 1-May 27, 1905.....	1	7	
Total for State.....		67	90	
<b>Pennsylvania:</b>				
Allentown.....	Mar. 26-Apr. 1, 1905.....	1	1	
Carbondale and vicinity.....	July 1-Nov. 30, 1904.....	1	5	One case, 1 death from township surrounding city.
Do.....	Jan. 1-Mar. 31, 1905.....		8	Two imported from New York; 3 from townships surrounding city.
Chester.....	Sept. 1-Dec. 31, 1904.....	4	4	
Do.....	Jan. 1-Feb. 28, 1905.....	5	5	
Lancaster.....	Mar. 26-Apr. 1, 1905.....	2	2	
Philadelphia.....	Sept. 1, 1901-June 10, 1905.....	50	32	
Plymouth.....	July 1, 1904-Apr. 1, 1905.....		8	
Shenandoah.....	Aug. 1-Nov. 30, 1904.....	5	5	
Do.....	Jan. 1-Mar. 31, 1905.....	3	3	
Wilkesbarre.....	July 1-31, 1904.....	1	1	
Do.....	Apr. 1-May 20, 1905.....	5	3	
Total for State.....		77	77	
<b>Rhode Island:</b>				
Newport.....	Mar. 1-31, 1905.....	1	1	
Providence.....	Apr. 8-June 10, 1905.....	10	16	
Total for State.....		11	17	
<b>Texas:</b>				
San Antonio.....	Apr. 1-30, 1905.....	2		
Total for State.....		2		
Grand total.....		515	1,803	





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

Cities.	Week ended—	Population, United States census of 1900.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Yellow fever.	Smallpox.	Varicoid.	Cerebro-spinal meningitis.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
South Bend, Ind. ....	June 10	35,999	12	2										
South Omaha, Nebr. ....	do	26,001												
Springfield, Ohio .....	June 9	38,253	10	2										
Do .....	June 16	38,253	15									1		
Steelton, Pa. ....	June 17	12,068	4										1	
Tacoma, Wash. ....	June 10	37,714	10	1								1		
Taunton, Mass. ....	do	31,036	5	3										
Toledo, Ohio. ....	do	131,822	27									1		
Trenton, N. J. ....	June 17	73,307												
Washington, D. C. ....	June 10	278,718	92	14					1				1	
Wheeling, W. Va. ....	do	38,878	8	2					1					
Do .....	June 17	38,878	7	1					1					
Williamsport, Pa. ....	June 10	28,757	8											
Wilmington, Del. ....	June 17	76,508	24	1					1					
Winona, Minn. ....	June 10	19,714	5	1										
Worcester, Mass. ....	do	118,421	40	2										
Zanesville, Ohio .....	May 6	23,538	6	1										
Do .....	May 13	23,538	7											
Do .....	May 20	23,538	11	1					1					
Do .....	May 27	23,538	5											

*Mortality statistics of 1,423 cities and towns of the United States for the year ended December 31, 1903.*

The following table shows the mortality of each city, incorporated town, and village, the mortality rate being based upon the population according to the United States census of 1900, the Census Bureau's estimated population for 1903, and the local estimated population for 1903. It also gives the total mortality from certain contagious diseases.

This table has been compiled and prepared in the Bureau of Public Health and Marine-Hospital Service from replies received in response to the following circular letter, which was addressed to every city, incorporated town, and village in the United States having a population according to the United States census of 1900 of 1,000 or more.

The total number of letters thus addressed was 3,750; 1,716 replies were received, of which number only 1,423 could be utilized, 293 being incomplete.

Form 8958.]

[Circular letter.]

*Information relative to mortality and morbidity statistics.*

TREASURY DEPARTMENT,  
BUREAU OF PUBLIC HEALTH AND MARINE-HOSPITAL SERVICE,  
Washington, D. C., January, 1904.

*To the Secretary of the Local Board of Health or Local Health Officer.*

SIR: I have to request that you will furnish this Office, at your earliest convenience, with the following information relative to the mortality and (as far as possible) the morbidity statistics of the city, incorporated town, or village of..... during the year 1903:

Population, United States official census of 1900 .....  
Estimated population.....  
Total number of deaths from all causes, including those from noncontagious diseases, accidents and violence (stillbirths excluded) .....  
Death rate per 1,000 of the estimated population .....

Disease.	Cases.	Deaths.	Disease.	Cases.	Deaths.
Tuberculosis .....			Measles .....		
Smallpox .....			Scarlet fever .....		
Varioloid .....			Diphtheria .....		
Typhus fever .....			Membranous croup .....		
Typhoid fever .....			Whooping cough .....		

A penalty envelope, addressed to this Office, is inclosed for the return of this circular letter, and you are further requested to return the letter in case it is found impossible to make the desired entries in the above table, with a statement to that effect.

Respectfully,

WALTER WYMAN, *Surgeon-General.*

Name of city or town .....

Reported by .....



Mortality statistics of 1,423 cities and towns of the United States for the year ended December 31, 1903—Continued.

City or town.	Total deaths from all causes.	Population, United States census of 1900.	Annual mortality per 1,000 of the population, United States census of 1900.	Population Dec. 31, 1903, as estimated by the Bureau of the Census.	Annual mortality per 1,000 of the Census Bureau's estimated population for 1903.	Estimated population (local).	Annual mortality per 1,000 of the total estimated population.	Deaths from—						
								Tuberculosis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria and membranous croup.	Whooping cough.
California.....	14,569	706,293	20.62	754,245	19.22	892,127	16.34	2,200	4	225	36	50	266	136
Anaheim.....	30	1,456	20.60	1,521	19.72	2,500	12.00	8		3				
Benicia.....	46	2,751	16.72	2,891	15.91	2,500	18.40	9						
Berkeley.....	216	13,214	16.35	17,042	12.67	18,000	12.00	22		4			7	
Corona.....	22	1,434	15.34	None.	.....	2,000	11.00	3						
Chico.....	24	2,640	9.09	2,550	9.41	3,000	8.00	5		4			16	
Eureka.....	113	7,327	15.42	8,212	13.76	11,111	10.17	18		4			2	
Fort Bragg.....	72	1,590	45.28	1,823	39.50	2,000	36.00	20		1				
Fresno.....	256	12,470	20.53	13,063	19.60	18,000	14.22	28	1	12	1	6	2	
Lincoln.....	13	1,061	12.25	1,087	11.85	1,200	10.83	7						
Los Angeles.....	2,628	102,479	25.64	119,131	22.06	160,000	16.43	575	1	53	22	49	2	14
Martinez.....	36	1,380	25.09	1,301	27.67	1,500	21.00	4		2			2	
Monrovia.....	35	1,205	29.05	1,313	26.66	1,500	23.33	10				1		
Napa.....	67	4,036	16.60	3,907	17.15	5,000	13.40	6	1					
National City.....	16	1,088	14.73	989	16.18	1,000	16.00	3						
Nevada City.....	39	3,250	12.00	3,512	11.10	3,250	12.00	6						
Oakland.....	1,118	66,860	16.70	71,032	15.73	85,000	13.15	133	1	13	2	3	44	3
Orange.....	7	1,216	5.76	1,341	5.22	1,216	5.76							
Pacific Grove.....	24	1,411	17.00	1,440	16.67	2,000	12.00	2		1				
Palo Alto.....	37	1,658	22.32	None.	.....	3,400	10.88	5		11				
Pleasanton.....	17	1,100	15.45	None.	.....	1,500	11.33	2						
Redlands.....	155	4,797	32.31	5,833	26.57	8,000	19.38	77		4			2	
Riverside.....	177	7,973	22.20	9,132	19.34	11,000	16.99	4						
Sacramento.....	452	23,282	11.75	30,321	13.25	30,000	14.00	58		7		3	6	3
St. Helena.....	26	1,532	13.63	1,539	13.00	1,800	11.11	3		1				
San Diego.....	263	17,720	11.86	18,530	11.56	20,000	13.15	43		3				
San Francisco.....	7,623	342,792	24.24	368,473	21.77	411,000	18.49	1,012	1	88	29	13	111	114
San Jose.....	358	21,900	15.72	22,733	14.87	25,000	13.52	36		7			8	
San Rafael.....	53	3,679	13.66	4,060	12.66	4,000	13.25	12		1			2	
Santa Ana.....	90	4,953	18.24	5,402	16.66	6,000	15.00	11		1		1	4	1
Santa Barbara.....	136	6,687	20.65	7,845	17.34	10,500	12.35	22		1			4	
Santa Monica.....	64	3,057	20.94	3,967	17.84	5,000	12.80	5		1	1		1	
Sausalito.....	11	1,628	8.60	1,732	8.08	1,680	8.49	4						
Selma.....	13	1,083	13.85	1,800	14.18	1,800	8.33							
Stockton.....	243	17,506	13.88	18,610	13.06	18,000	13.50	20		3			3	

Vacaville.....	5	1,220	4.10	1,399	8.57	1,500	3.33	.....	.....	1	.....	.....	.....	.....	.....	.....
Vallejo.....	99	7,965	12.43	8,546	11.56	8,200	12.07	.....	.....	1	.....	.....	.....	.....	.....	.....
Visalia.....	26	3,085	8.43	3,182	8.17	4,000	6.50	.....	.....	1	.....	.....	.....	.....	.....	.....
Colorado.....	4,059	206,560	19.65	221,606	18.32	298,355	13.84	.....	.....	139	12	35	72	16	.....	.....
Alamosa.....	17	1,141	14.90	1,202	14.14	1,500	11.33	.....	.....	1	.....	.....	.....	.....	.....	.....
Canyon City.....	63	3,775	16.39	4,115	15.30	5,000	12.60	.....	.....	4	.....	.....	.....	.....	.....	.....
Colorado City.....	38	2,914	13.04	3,319	11.45	4,000	9.50	.....	.....	1	.....	.....	.....	.....	.....	.....
Cripple Creek.....	145	10,147	14.28	6,417	22.60	10,000	14.50	.....	.....	6	.....	.....	1	.....	.....	.....
Denver.....	2,434	133,859	18.18	149,045	16.44	175,000	13.90	.....	.....	74	2	24	42	8	.....	.....
Durango.....	57	8,317	17.18	8,528	16.17	6,000	9.50	.....	.....	1	.....	.....	.....	.....	.....	.....
Gunnison.....	18	1,200	15.00	1,298	14.58	1,200	12.00	.....	.....	.....	.....	.....	.....	.....	.....	.....
Las Animas.....	23	1,192	19.30	1,400	16.43	1,700	13.53	.....	.....	2	.....	.....	.....	.....	.....	.....
Leadville.....	12	1,455	15.90	13,197	15.09	12,455	15.00	.....	.....	1	.....	.....	.....	.....	.....	.....
Manitou.....	18	1,303	13.81	1,253	14.87	2,000	9.00	.....	.....	1	.....	.....	.....	.....	.....	.....
Pueblo.....	806	28,157	31.82	29,447	30.43	65,000	13.78	.....	.....	41	3	2	23	8	.....	.....
Rocky Ford.....	89	9,013	19.33	2,878	13.55	5,300	16.98	.....	.....	1	.....	.....	.....	.....	.....	.....
Saldia.....	83	3,722	22.80	4,131	20.09	5,200	15.98	.....	.....	7	.....	.....	.....	.....	.....	.....
Silverton.....	30	1,360	22.06	1,488	20.86	2,000	15.00	.....	.....	1	.....	.....	.....	.....	.....	.....
Connecticut.....	5,768	324,583	17.75	339,227	16.39	381,581	15.94	.....	.....	85	65	46	97	64	.....	.....
Bethel.....	49	2,531	19.13	2,643	18.53	3,600	13.61	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bridgeport.....	1,312	70,390	13.45	73,936	16.62	83,000	15.90	.....	.....	11	16	9	26	22	.....	.....
Danbury.....	345	16,337	23.47	17,530	21.54	20,000	17.90	.....	.....	5	.....	.....	.....	.....	.....	.....
Hartford.....	43	1,312	23.47	1,580	21.54	2,785	17.44	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Haven.....	1,213	79,350	13.75	80,859	13.57	87,860	13.80	.....	.....	16	13	13	30	17	.....	.....
Jewell City.....	68	2,224	17.97	2,328	27.07	2,400	26.98	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Haven.....	1,941	108,027	17.97	113,910	16.74	113,000	16.88	.....	.....	41	34	15	19	23	.....	.....
Southington.....	78	3,691	13.24	None	.....	6,000	13.00	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stamford.....	376	16,397	23.50	16,954	22.18	19,455	19.33	.....	.....	10	.....	.....	.....	.....	.....	.....
West Haven.....	83	3,247	19.82	None	.....	3,750	14.43	.....	.....	9	.....	.....	.....	.....	.....	.....
Williamantic.....	163	8,357	13.46	9,041	18.25	8,937	18.46	.....	.....	2	.....	.....	.....	.....	.....	.....
Winsted.....	84	6,804	12.35	7,366	11.19	6,804	12.35	.....	.....	.....	.....	.....	.....	.....	.....	.....
Delaware.....	1,356	79,900	16.97	85,277	15.90	87,637	15.47	.....	.....	2	55	5	4	45	5	.....
Laurel.....	23	1,825	12.60	1,624	15.39	2,570	8.95	.....	.....	1	.....	.....	.....	.....	.....	.....
Middletown.....	39	1,367	24.89	3,005	24.25	1,967	24.89	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wilmington.....	1,294	76,568	16.91	82,047	15.77	83,500	16.50	.....	.....	.....	.....	.....	.....	.....	.....	.....
District of Columbia.....	5,788	278,718	20.77	296,086	19.55	289,586	19.99	.....	.....	1	226	9	6	50	126	.....
Washington.....	5,788	278,718	20.77	296,086	19.55	289,586	19.99	.....	.....	1	226	9	6	50	126	.....
Florida.....	1,975	87,462	22.68	99,051	19.94	116,750	16.92	.....	.....	41	.....	.....	.....	.....	.....	.....
Daytona.....	36	1,690	21.90	2,020	17.82	2,000	18.00	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jacksonville.....	869	28,429	30.57	32,453	26.78	45,000	20.20	.....	.....	.....	.....	.....	.....	.....	.....	.....

<sup>a</sup>Including 7 deaths of nonresidents.

Mortality statistics of 1,423 cities and towns of the United States for the year ended December 31, 1903—Continued.

City or town.	Total deaths from all causes.	Population, United States census of 1900.	Annual mortality per 1,000 of the population, United States census of 1900.	Population Dec. 31, 1903, as estimated by the Bureau of the Census.	Annual mortality per 1,000 of the Census Bureau's estimated population for 1903.	Estimated population (local).	Annual mortality per 1,000 of the local estimated population.	Deaths from—							
								Tuberculosis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria and membranous group.	Whooping cough.	
<b>Florida—Continued.</b>															
Key West.....	408	17,114	23.55	16,766	24.04	18,000	22.39	41		1			5	2	1
Lake City.....	38	4,013	9.47	5,730	6.63	5,000	7.60	1		2				1	
Lakeland.....	10	1,180	8.47	1,406	7.11	1,800	5.56	1		15				3	1
Pensacola.....	386	17,747	18.93	19,897	16.89	22,600	14.93	86		4				2	
Sanford.....	33	1,450	22.76	1,246	26.48	1,450	22.76	4		10				1	2
Tampa.....	250	15,839	15.78	19,583	12.80	23,000	10.87	39		3				2	
Georgia.....	2,271	119,691	18.98	140,845	16.05	145,100	15.65	316	3	56	2			3	11
Abbeville.....	7	1,152	6.08	1,331	5.26	1,500	4.67	1		2					
Blue Ridge.....	6	1,148	5.23	1,468	4.10	1,600	3.75	1		2				4	
Carrollton.....	12	1,998	6.00	2,196	5.47	3,000	4.00	1		1				2	
Carrersville.....	30	3,135	9.56	3,121	9.61	4,000	7.50	33		6	1			2	
Columbus.....	806	17,614	17.37	17,725	17.26	20,000	15.80	33		6				5	14
Cuthbert.....	29	2,641	10.98	2,752	10.54	3,500	8.29	3		3				1	
Edgewood.....	10	1,285	7.78	None.	None.	1,800	5.56	3		1				2	
Macon.....	315	23,272	13.54	32,522	9.69	28,000	11.25	45	1	23				1	18
Savannah.....	1,430	54,244	26.36	65,490	21.84	65,000	22.00	212		3				1	
Seville.....	3	1,277	2.35	1,682	1.84	2,000	6.00	3		2				1	
Tallahassee.....	20	2,128	9.40	2,292	8.76	2,200	9.09	3		1				1	
Thomasville.....	63	5,322	11.84	5,254	11.99	6,000	10.50	9		2				1	
Thomson.....	16	1,154	13.86	1,269	12.60	2,000	8.00	4		2				1	
Trion.....	9	2,176	4.67	3,327	3.87	2,500	3.60	1		1				1	
Winder.....	15	1,145	13.10	1,482	10.12	3,500	4.29	1		1				1	
Territory of Hawaii.....	864	39,306	21.98	45,183	19.12	39,306	21.98	144		22				2	6
Honolulu.....	864	39,306	21.98	45,183	19.12	39,306	21.98	144		22				2	6
Idaho.....	115	6,273	18.33	5,164	15.49	12,800	8.98	15	1	10	2			4	
Lewiston.....	69	2,425	28.45	3,545	19.46	5,000	13.80	10		4	2			2	3
Moscow.....	35	2,484	14.09	.....	.....	5,000	7.00	5		4				2	1
Weiser.....	11	1,364	8.06	1,619	6.79	2,800	8.92	2		2				2	

Illinois.....	35, 601	2, 192, 640	16, 23	2, 423, 590	14, 59	2, 486, 205	14, 32	8, 456	75	749	305	623	769	311
Amboy.....	29	1, 826	15, 88	1, 672	17, 74	2, 600	11, 15	2						
Arlington Heights.....	22	1, 380	15, 90	1, 366	16, 10	1, 430	14, 86							
Ashland.....	17	1, 201	13, 51	1, 258	13, 51	1, 300	13, 08			1				
Augusta.....	17	1, 149	14, 80	1, 174	14, 48	1, 200	14, 17	2						
Aurora.....	343	24, 147	14, 20	25, 745	13, 32	28, 000	12, 25	28		5			1	1
Barry.....	24	1, 643	14, 60	1, 800	13, 74	1, 800	13, 30	4		1				
Braceville.....	4	1, 669	2, 40	1, 747	2, 67	1, 689	3, 40						1	
Bradley.....	6	1, 518	3, 86	1, 497	3, 86	1, 700	3, 53							
Bunker Hill.....	15	1, 279	11, 73	None	1, 096	1, 700	12, 50	1					1	1
Carthage.....	18	2, 104	8, 56	2, 265	7, 95	2, 500	7, 20	2						
Chicago.....	28, 953	1, 698, 575	16, 69	1, 907, 967	14, 86	1, 882, 000	15, 04	2, 869	47	588	276	588	614	270
Clinton.....	89	4, 462	8, 76	5, 115	7, 62	4, 852	5, 57	9		6	5	1		1
Columbia.....	11	1, 172	9, 19	1, 172	6, 39	1, 197	9, 19						2	
Cuba.....	20	1, 198	16, 69	1, 227	16, 28	1, 500	13, 33							4
Daaville.....	354	16, 354	21, 65	18, 020	13, 64	23, 012	19, 35	95	2	16	2	2	1	4
Deatur.....	268	20, 784	13, 88	22, 052	13, 95	24, 000	12, 00	27		3	4	1	12	1
Delavan.....	24	1, 351	13, 32	1, 351	13, 32	1, 351	13, 32			1				
Dixon.....	100	1, 304	13, 80	8, 906	11, 23	7, 917	12, 63							
Disoc.....	10	1, 317	7, 06	1, 514	6, 00	1, 500	6, 67	2						3
East St. Louis.....	861	28, 955	29, 70	37, 196	23, 71	50, 000	17, 62	37	10	34		6	12	
Efingham.....	48	3, 774	12, 72	3, 957	12, 13	4, 000	12, 00							
Eldorado.....	24	1, 443	16, 60	1, 613	14, 89	1, 500	16, 00	6		3	1		4	
Elmurst.....	17	1, 528	9, 84	1, 972	8, 62	2, 100	8, 10	3					3	
Elmwood.....	20	1, 582	12, 64	1, 383	12, 55	1, 382	12, 64			2				
Evaston.....	212	19, 259	11, 00	21, 463	9, 86	21, 000	10, 09	22		7			2	1
Fort Sheridan.....	7	1, 375	4, 44	1, 970	3, 54	1, 976	7, 17	1						
Freeport.....	11	1, 214	9, 06	1, 352	8, 14	1, 300	8, 46							
Freeport.....	219	13, 258	16, 52	14, 358	15, 25	18, 064	12, 12	13		3	3		10	
Galesburg.....	288	18, 607	12, 79	19, 804	12, 02	20, 000	11, 90	5		6			4	1
Galva.....	42	2, 682	15, 66	2, 779	15, 11	3, 000	14, 00	3		2			2	
Goicoinda.....	12	1, 140	10, 53	1, 129	10, 63	1, 200	10, 00							
Griggsville.....	13	1, 404	9, 26	1, 404	9, 26	1, 404	9, 26			1			1	
Greenfield.....	13	1, 085	11, 98	1, 067	12, 18	1, 200	10, 83							
Grossdale.....	17	1, 111	15, 30	None	.....	1, 111	15, 30	2					1	
Hamilton.....	6	1, 344	4, 46	1, 358	4, 42	1, 500	4, 00							
Harlem.....	49	4, 085	12, 00	None	.....	4, 800	10, 20	5		2			1	1
Harvey.....	45	5, 395	8, 34	None	.....	6, 000	7, 50	4					5	9
Havana.....	42	3, 268	12, 85	3, 583	11, 89	3, 500	12, 00	4					9	3
Hinsdale.....	29	1, 970	14, 72	2, 009	14, 44	2, 300	12, 60							
Hinsdale.....	23	2, 576	8, 92	2, 983	7, 84	3, 000	7, 66	2					2	
Jonesboro.....	5	1, 130	4, 42	None	.....	1, 200	4, 16							
Kewanee.....	125	8, 382	14, 91	9, 747	12, 82	12, 000	10, 42	3		1			2	2
Kirkwood.....	18	1, 221	14, 74	1, 286	14, 00	1, 400	12, 86	4					1	3
Kirkwood.....	6	1, 008	5, 95	1, 030	5, 88	1, 012	5, 93							
Lacon.....	20	1, 601	12, 49	1, 583	12, 63	1, 601	12, 49	2						
Lena.....	14	1, 245	11, 16	1, 245	11, 24	1, 500	9, 33							
Lincnln.....	116	8, 962	12, 94	10, 309	11, 25	11, 000	10, 55	25		1			1	2
Litchfield.....	94	5, 918	15, 88	5, 957	15, 78	7, 500	12, 53	7		1			4	
McLeansboro.....	37	1, 758	21, 05	1, 901	19, 46	1, 758	21, 05	5		3				













	1,079	66,397	16,25	78,042	13,83	83,859	12,87	79	2	42	2	12	18	11
<b>Kansas</b> .....														
Arkansas City.....	54	6,140	8,79	7,114	7.59	7,800	6.92	1		1			3	
Chetopa.....	35	2,019	17.34	2,266	15.45	2,000	17.50	7		1			1	
Emporia.....	140	8,223	17.03	9,324	15.02	10,000	14.00			2				
Florence.....	14	1,178	11.88	1,238	11.30	1,200	11.97	3						
Great Bend.....	25	2,470	10.12	2,998	8.34	3,000	8.33	1		11				
Herington.....	19	1,607	11.82	2,494	7.62	3,000	6.33	1						
Holt.....	50	3,689	16.22	3,689	13.74	3,800	13.16	5				1		3
Howard.....	10	1,207	8.28	1,080	9.17	1,350	7.40							
Hutchinson.....	144	9,379	15.35	11,102	12.97	10,253	14.04	16		5		4	2	
Junction.....	94	4,695	20.02	5,509	17.06	10,625	8.85	2		1		4		
Kingman.....	19	1,785	10.64	2,087	9.06	1,957	9.70	2				1	1	1
Larned.....	13	1,583	8.21	1,790	7.23	2,200	6.90	2		1			1	
Lyndon.....	10	1,004	9.96	1,009	9.91	1,100	9.09	1						
Manhattan.....	123	3,638	95.77	4,526	27.18	4,500	27.33	2		2				4
Marysville.....	33	2,006	16.45	2,067	15.97	2,006	16.45	5				2		
Osage.....	40	2,792	14.33	2,980	13.43	3,000	13.33	6				1		2
Parsons.....	124	7,682	16.14	10,669	11.62	10,000	12.40	17		11				
Sterling.....	23	2,002	11.49	2,137	10.76	2,188	10.60	3				2		1
Strong.....	18	1,128	15.96	1,263	14.25	1,900	20.00	2					1	
Weir.....	91	2,977	30.57	2,721	33.44	3,000	30.33	3		3			4	
<b>Kentucky</b> .....	6,175	346,024	17.83	365,243	16.77	391,523	15.77	787	46	245	19	25	98	72
Bellevue.....	64	6,332	10.10	7,468	8.57	7,000	9.14	6		1			2	
Carlisle.....	13	1,377	10.89	1,463	10.10	2,500	6.00	8		4				3
Clinton.....	18	1,462	12.51	1,565	11.96	1,800	10.00			1				
Columbus.....	13	1,235	12.15	1,364	11.00	1,200	12.50					3		
Covington.....	693	42,938	16.14	45,084	13.57	46,000	13.07	93		17	5	6	8	3
Eddyville.....	12	1,210	9.32	1,400	8.57	800	15.07	5		4	1		2	
Eminence.....	10	1,018	9.76	1,025	9.76	2,000	6.09	6					1	
Franklin.....	40	2,166	23.08	2,108	23.70	2,750	18.18	7		10				
Georgetown.....	35	3,823	9.16	None	.....	5,670	6.17	6		1			2	
Greenville.....	28	1,051	24.76	1,582	16.43	2,000	13.00	6		2				
Hopkinsville.....	120	7,240	16.48	7,800	15.38	10,000	12.00	12		5	2	2		
Lancaster.....	15	1,640	9.15	None	.....	2,000	7.50			1				
Lexington.....	532	23,369	22.77	28,089	18.94	30,000	17.73	50		22	3		1	9
Louis.....	10	1,099	9.10	1,196	8.36	1,300	7.69	4						
Louisville.....	3,828	204,731	18.70	217,738	17.58	225,053	17.00	485	18	132	1	10	56	54
Marion.....	2	1,064	1.88	1,118	1.75	1,250	1.60							
Maysville.....	152	6,423	23.06	6,806	22.33	7,000	21.71	18		8		1	1	2
Newport.....	428	28,301	15.12	29,512	14.50	30,000	14.27	15		15	7	2	6	
Nicholasville.....	66	2,393	27.98	2,581	25.57	3,500	18.86	7		2		3		
Owenton.....	19	1,014	18.74	1,075	17.67	1,200	15.83	4		2			3	
Paris.....	55	4,603	11.95	4,743	11.60	6,000	9.17	14		12		3	7	1
Williamsburg.....	10	1,495	6.69	1,538	6.50	2,500	4.00	6		2			2	
<b>Louisiana</b> .....	6,865	296,964	23.12	315,730	21.74	332,200	20.66	1,064	6	134	2	8	36	29
Crowley.....	71	4,214	16.85	5,572	12.74	5,900	12.03	4		7				1
Homer.....	8	1,157	6.91	1,168	6.85	1,250	6.40	4						

Mortality statistics of 1,423 cities and towns of the United States for the year ended December 31, 1903—Continued.

City or town.	Total deaths from all causes.	Population, United States census of 1900.	Annual mortality per 1,000 of the population, United States census of 1900.	Population Dec. 31, 1903, as estimated by the Bureau of the Census.	Annual mortality per 1,000 of the Census Bureau's estimated population for 1903.	Estimated population (local).	Annual mortality per 1,000 of the local estimated population.	Deaths from—								
								Tuberculosis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria and membranous croup.	Whooping cough.		
<b>Louisiana—Continued.</b>																
Mandeville.....	10	1,029	9.72	1,086	9.65	1,050	9.52	2								
New Orleans.....	6,705	287,104	23.35	303,254	22.11	317,000	21.15	1,051	4	119	2	8	35	1	27	
Rayne.....	6	1,007	5.96	1,270	4.72	1,000	3.00	2		4						
Ruston.....	47	1,324	35.49	2,025	23.20	3,300	14.24	1	2	3						
Slidell.....	18	1,129	15.94	1,405	12.81	1,700	10.59	1								
Maine.....	1,699	96,763	17.45	100,346	16.83	107,149	15.76	100		17	1	2	15	4	4	
Auburn.....	190	12,951	14.67	13,560	14.01	13,000	14.62	3								
Bangor.....	392	21,850	17.94	22,835	17.17	23,000	13.96	4		4				1	1	
Bath.....	180	10,477	17.18	11,104	16.21	11,000	16.36	13		1					5	
Eastport.....	87	5,311	16.38	5,454	15.61	5,311	16.00	12		2					8	
Fairfield.....	55	2,233	29.04	2,277	28.55	2,400	17.51	1		4					1	
Farmington.....	55	1,951	43.94	1,255	38.82	2,000	16.73	1							6	
Lewiston.....	412	21,761	17.86	21,499	16.40	23,000	16.45	38		4					3	
Northway.....	144	2,694	51.83	2,142	20.54	2,000	14.67	17		1					1	
Rockland.....	187	8,150	19.26	8,143	19.28	8,130	19.26	2								
South Paris.....	25	1,437	17.16	1,501	16.02	1,600	15.63	2								
Westbrook.....	92	7,283	12.63	7,516	12.24	8,000	11.50	10		1						
Maryland.....	11,386	558,747	20.28	586,512	19.20	592,500	19.13	1,359	10	225	99	84	176	15	15	
Annapolis.....	159	8,625	18.65	8,855	17.96	8,700	18.23	23		1					7	
Baltimore.....	10,141	508,967	19.92	585,660	18.93	593,000	19.03	1,186	2	189	77	84	160	2	4	
Cumberland.....	303	17,128	17.69	18,705	16.20	20,000	15.15	36	6	22					1	
Hagerstown.....	500	13,691	36.79	14,834	33.70	15,000	33.33	79		7					7	
Havre de Grace.....	45	3,423	13.15	3,488	12.90	3,500	12.86	7							3	
Hyattsville.....	41	1,222	33.55	1,118	36.67	2,000	20.50	7		1					2	
Ionaconing.....	71	2,181	32.55	None.	.....	6,000	11.85	7		2					3	
Pocomoke.....	40	2,124	18.79	2,217	18.04	2,500	16.00	8		1					2	
Snowhill.....	86	1,596	22.56	1,635	21.40	1,800	20.00	6		2					2	

	31,746	1,786,783	18.28	1,884,290	16.85	1,884,558	16.84	3,160	17	363	149	383	569	320
Massachusetts														
Beverly	232	13,884	16.85	14,981	15.49	15,000	15.47	24		2	2		4	4
Boston	10,632	560,892	18.96	601,176	17.69	600,929	17.69	1,266	13	119	50	65	214	108
Cambridge	1,493	91,886	16.25	98,719	14.97	98,639	15.14	1,165	1	5	4	10	28	16
Chelsea	608	34,072	17.84	36,279	16.76	35,876	16.94	14		1	3	42	8	4
Chicopee	404	19,167	21.07	21,002	19.24	21,031	19.21	36		4	3	3	42	7
Everett	340	24,386	13.97	29,091	11.68	27,000	12.59	40		2	2	2	7	6
Fall River	2,290	104,963	21.84	115,781	19.78	112,000	20.45	265	1	27	4	17	34	10
Fitchburg	459	31,531	14.56	34,982	13.15	35,069	13.09	39		2	4		7	22
Gloicester	425	26,648	16.27	26,648	15.95	30,000	14.17			4				9
Haverhill	570	37,175	13.33	39,339	14.49	38,000	14.76	63	1	4			6	9
Holyoke	848	45,712	18.55	49,324	17.19	50,538	16.78	57		5	5	16	11	7
Lawrence	1,204	62,559	19.25	68,977	17.46	70,000	17.20	127	1	20	10	10	31	11
Lowell	1,898	94,969	19.39	101,157	18.76	101,959	18.62	132		26	7	8	34	15
Malden	521	33,664	15.48	37,473	13.90	36,275	14.36	47		7	1	6	7	3
Marlboro	195	13,609	14.33	13,537	13.90	13,009	14.33	16		1	2	3	3	2
Medford	227	18,244	12.44	20,813	10.90	20,500	11.07	13		3	3	1	5	1
New Bedford	1,590	62,442	25.46	70,221	22.64	75,000	21.20	117		28		148	32	7
Newburyport	263	14,478	18.17	14,668	17.93	16,000	17.50	10		2	2		7	1
Newton	443	33,587	13.19	36,887	12.00	37,794	11.72	19		3		20	16	5
North Adams	280	18,643	15.02	19,951	14.03	20,000	13.05	32		13	1		2	3
Northampton	352	23,899	14.73	26,472	13.30	26,798	13.14	25		2	1		11	9
Quincy	759	35,956	20.55	37,805	19.55	35,956	20.55	82		16			24	13
Salem	955	61,643	15.49	69,344	13.77	68,000	14.04	82		10	10	10	19	12
Somerville	1,100	62,059	17.72	68,466	16.07	69,389	15.85	97		17	17	16	21	27
Springfield	645	31,036	20.78	33,089	19.22	33,656	19.16	58		5	5	5	9	4
Taunton	342	23,481	14.56	25,190	13.58	25,198	13.57	34		8		1	5	3
Waltham	241	14,254	16.90	14,526	16.39	14,254	16.90	23				1	2	2
Woburn	2,069	118,421	17.47	130,522	15.85	127,286	16.25	213		17	32	7	11	13
Worcester														
Michigan	11,111	744,556	14.92	794,732	14.82	874,942	12.70	820	19	198	43	62	287	70
Albion	70	4,519	15.49	4,899	14.29	5,500	12.73	2						
Ann Arbor	223	14,509	15.37	14,580	15.28	16,000	13.94	7		1		5	1	1
Bangor	18	1,021	17.63	1,154	15.60	1,200	15.00	2						
Bar City	383	27,628	18.86	27,642	13.86	35,000	10.94	27		13	13		7	2
Big Rapids	27	4,686	16.43	4,835	15.93	5,000	15.40	9			1			
Cassopolis	26	1,330	19.55	1,462	17.78	1,500	15.40			1				
Charleston	10	1,307	7.65	1,136	8.80	1,300	7.69							
Central Lake	10	4,892	20.03	4,680	17.60	5,500	14.90	4		1			1	1
Cheboygan	59	6,189	13.17	6,705	11.78	8,000	9.88	9		1			4	
Charlton	22	1,314	18.49	1,318	17.45	1,300	17.69	2		1			1	
Chesaning	21	1,324	15.84	1,404	14.96	1,400	15.00	2						
Clare	21	1,038	4.82	1,031	4.85	1,000	5.00	2		1			4	
Clinton	77	6,316	12.39	6,221	12.30	6,300	12.20	5		1				
Coldwater	12	1,016	11.83	6,992	12.10	1,000	12.00	1						
Coleman	15	1,926	15.50	1,133	16.06	1,600	11.88							
Constantine	13	1,226	15.46	314,269	14.96	350,000	13.45	320	12	60	7	33	152	34
Detroit	4,708	283,704	19.17	10,817	16.87	14,000	13.07	18		3		1	10	4
Escanaba	183	9,949	19.17	10,817	16.87	14,000	13.07	18						
Evart	13	1,360	9.56	1,376	9.49	1,500	8.67							

Mortality statistics of 1,423 cities and towns of the United States for the year ended December 31, 1903—Continued.

City or town.	Total deaths from all causes.	Population, United States census of 1900.	Annual mortality per 1,000 of the population, United States census of 1900.	Population Dec. 31, 1903, as estimated by the Bureau of the Census.	Annual mortality per 1,000 of the Census Bureau's estimated population for 1903.	Estimated population (local).	Deaths from—						
							Tuberculosis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria and membranous croup.	Whooping cough.
<b>Michigan—Continued.</b>													
Frankfort.....	20	1,465	13.05	1,495	13.38	1,700	5		1				1
Fremont.....	20	1,331	15.03	1,504	13.30	1,600			3			1	2
Gaylord.....	24	1,661	15.31	1,821	13.18	2,000	1		3			1	2
Gladstone.....	39	3,380	11.10	3,513	11.30	3,800	8		1				1
Grand Haven.....	69	4,743	14.95	5,187	13.30	6,000	1	1				1	1
Grand Rapids.....	1,131	87,665	12.92	94,868	11.92	95,000	116	2	32	1	4	16	8
Greenville.....	41	3,381	12.13	3,417	12.00	3,500	11	1	1			1	2
Harbor Springs.....	25	1,643	16.20	1,669	14.98	2,000	2		3	2			
Holland.....	87	7,790	11.17	8,844	10.97	10,000	8		6				
Howard City.....	15	1,398	10.73	1,373	10.92	1,450	2		2			1	
Ionia.....	66	5,209	12.67	5,220	12.62	5,250	4		3				
Ironwood.....	173	9,705	17.83	9,897	17.48	10,000	13		4	1		1	9
Ishpeming.....	178	13,255	13.43	11,793	15.09	14,000	18		4			1	16
Ithaca.....	6	2,020	2.97	1,930	3.10	2,100	4		2				3
Jackson.....	333	25,180	13.22	25,288	13.17	30,000	31		4			2	2
Kalamazoo.....	380	24,404	15.57	1,350	15.56	30,000	25		11	1		2	3
Kalkaska.....	21	1,304	16.10	1,277	9.40	1,400	2		2			1	2
Lake Odessa.....	12	1,037	11.57	1,035	11.07	1,000	2		1				1
Lansing.....	219	16,485	13.28	19,791	11.07	20,000	4		5			2	5
Lowell.....	30	1,736	17.28	1,763	17.02	2,000	6		5				
Mancelona.....	11	1,226	8.97	1,215	9.05	1,500	5		2				
Manistee.....	142	14,260	9.96	12,870	11.03	15,000	14		1			2	2
Manistique.....	62	4,126	15.03	4,547	13.63	4,500	3		1			1	1
Marshall.....	50	4,370	11.44	4,362	11.46	4,600	10		1			1	2
Marshall.....	185	12,818	14.43	11,276	16.40	13,000	19		10			2	1
Menominee.....	35	2,363	14.81	2,503	13.98	2,800	3		1			1	2
Midland.....	26	1,334	19.49	1,433	17.77	1,400	3		3				
Morenci.....	10	1,012	9.88	1,012	9.88	1,200	2		1				
Muskegon Heights.....	69	4,287	16.10	4,604	14.99	5,000	6		3			1	1
Niles.....	70	4,170	16.79	4,794	14.60	4,500	4		3				
Norway.....	53	1,204	44.02	2,193	24.17	2,500	2		2			1	
Ontonagon.....	14	1,061	13.20	1,568	11.48	1,500	1		1				
Pentwater.....	18	1,179	11.87	1,179	11.87	1,000	1		1				
Petokey.....	65	5,285	12.30	5,196	12.50	7,000	4		2			2	1
Plymouth.....	18	1,474	12.21	1,643	10.96	1,600	1		1				



Pontiac	221	9,769	22.52	10,768	20.52	12,000	18.42	13	1	1	1	5
Port Huron	261	19,158	13.62	19,897	13.09	20,000	13.05	14	1	1	1	4
Quincy	24	1,563	15.86	1,867	17.56	1,800	13.33	8	1	1	1	1
Red Jacket	37	4,668	7.98	3,876	9.55	5,000	7.40	1	1	1	1	2
Reed City	42	2,081	20.48	1,922	21.85	2,000	21.00	4	2	2	2	1
Rochester	12	1,485	7.82	1,610	7.45	1,500	6.00	1	1	1	1	1
Romeo	9	1,580	5.70	1,573	5.72	2,000	6.00	1	1	1	1	1
St. Charles	21	1,317	15.95	1,525	13.77	2,000	10.50	1	1	1	1	1
St. Joseph	66	5,155	12.80	5,305	12.44	5,500	12.00	5	1	1	1	1
St. Louis	35	1,989	17.60	2,461	14.28	2,500	14.00	6	1	1	1	1
Sebewaing	9	1,243	7.24	1,411	6.88	1,000	4.50	4	4	4	4	4
South Haven	42	4,009	10.48	3,792	11.08	5,200	8.08	3	4	4	4	4
Sparta	19	1,126	16.87	1,086	17.50	1,150	16.52	1	1	1	1	1
Stanton	20	1,284	16.20	1,190	17.70	1,234	16.20	2	1	1	1	1
Tecumseh	35	2,400	14.58	2,512	13.48	3,000	11.67	1	1	1	1	1
Trenton	17	1,167	14.56	1,199	14.18	1,200	14.17	1	1	1	1	1
Union City	21	1,514	13.87	1,352	15.62	1,600	13.13	4	1	1	1	1
Three Rivers	58	3,550	16.33	3,875	14.97	4,200	13.81	4	1	1	1	1
Wakefield	12	1,191	10.98	901	13.92	1,200	10.28	1	2	2	2	2
West Bay	144	13,119	10.98	13,010	11.07	14,000	10.28	9	1	1	1	1
Westbranch	17	1,412	12.04	1,487	11.43	1,600	10.63	1	1	1	1	1
Williamston	18	1,113	16.17	1,107	16.28	1,200	15.00	2	1	1	1	1
Wyandotte	102	5,183	19.68	5,402	18.88	7,000	14.57	12	2	5	1	3
Yale	17	1,125	15.10	1,194	14.24	1,200	14.17	1	1	1	1	1
Ypsilanti	106	7,378	14.37	7,565	14.02	7,378	14.37	4	1	1	1	1
Minnesota	7,217	635,268	11.23	676,042	10.55	737,893	9.80	795	33	207	43	78
Adrian	13	1,258	10.33	1,469	8.85	1,300	10.10	1	1	1	1	1
Aitkin	22	4,719	12.80	2,070	10.63	2,300	9.57	1	1	1	1	1
Albert Lea	51	4,800	11.38	4,960	10.34	5,000	10.20	2	2	2	2	2
Anoka	30	3,789	7.96	3,597	8.34	4,000	7.50	1	2	2	2	2
Austin	58	5,474	10.60	6,087	9.60	6,000	9.67	7	1	1	1	1
Belleplaine	17	1,121	13.17	1,282	13.80	1,200	14.17	1	1	1	1	1
Bemeditj	90	2,183	22.90	None	.....	5,000	10.00	2	1	1	1	1
Benson	16	1,525	10.49	1,758	9.10	1,800	8.89	5	1	1	1	1
BiwaDik	15	1,239	11.55	None	.....	1,500	10.00	1	1	1	1	1
Blue Earth	35	2,900	12.07	3,377	10.37	3,000	11.67	10	1	1	1	1
Brainerd	133	7,524	17.68	8,176	16.27	10,000	13.30	6	11	2	2	1
Breckenridge	15	1,282	11.70	1,508	9.95	1,500	10.00	1	5	5	5	5
Caledonia	16	1,175	13.62	1,265	12.65	1,350	11.85	1	1	1	1	1
Candy	5	1,100	4.56	1,326	3.77	1,400	3.33	1	1	1	1	1
Cannon Falls	12	1,426	14.03	1,296	9.26	1,500	8.00	1	1	1	1	1
Chatfield	20	1,239	9.68	1,458	13.72	1,450	13.79	1	1	1	1	1
Crookston	60	5,359	11.20	6,040	9.93	6,000	10.00	12	3	3	3	3
Crookston	13	2,060	6.31	2,007	6.48	2,500	5.20	3	1	1	1	1
Detroit	750	52,969	14.16	58,258	12.87	68,000	11.03	72	37	8	12	27
Duluth	18	2,077	8.67	2,536	7.10	2,500	7.20	4	2	2	2	4
East Grand Forks	66	3,717	17.76	4,728	13.96	5,000	13.20	7	1	1	1	1
Ely	53	2,752	19.26	4,178	12.69	5,000	10.60	4	3	3	3	3
Fairmont	12	3,040	3.95	3,699	3.24	3,100	3.87	2	1	1	1	1
Faribault	116	7,968	14.74	8,352	13.89	10,000	11.60	29	1	1	1	1

Mortality statistics of 1,428 cities and towns of the United States for the year ended December 31, 1903—Continued.

City or town.	Total deaths from all causes.	Population, United States census of 1900.	Annual mortality per 1,000 of the population, United States census of 1900.	Population Dec. 31, 1903, as estimated by the Bureau of the Census.	Annual mortality per 1,000 of the Census Bureau's estimated population for 1903.	Estimated population (local).	Annual mortality per 1,000 of the local estimated population.	Deaths from—						
								Tuberculosis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria and membranous croup.	Whooping cough.
<b>Minnesota—Continued.</b>														
Frazee.....	7	1,000	7.00	None.	8.20	1,000	7.00							
Glencoe.....	15	1,780	8.43	None.	8.24	1,850	8.10							
Granite Falls.....	10	1,214	8.24	None.	4.28	1,500	6.67							
Jack-on.....	9	1,756	5.13	2,129	5.55	2,000	4.50						1	
Hutchinson.....	16	2,495	6.41	2,882	8.60	2,800	5.71							
Kenyon.....	12	1,202	9.98	1,396	7.08	1,500	8.00							
Lake City.....	21	2,744	7.65	2,966	13.28	3,500	6.00							
Lake Crystal.....	18	1,215	14.81	1,355	12.90	1,500	12.00							
Leaueur.....	25	1,937	12.90	1,998	12.51	1,937	12.90							
Long Prairie.....	6	1,865	4.33	None.	9.62	1,600	3.75							
Luverne.....	24	2,228	10.80	2,485	5.63	2,400	10.00							
Madison.....	9	1,385	6.74	1,600	18.71	1,800	5.00							
Mankato.....	154	10,599	14.53	11,230	5.65	12,000	12.83							
Mapleton.....	10	1,008	9.92	1,151	8.69	1,100	9.09							1
Melrose.....	12	1,768	6.79	2,123	5.65	1,800	6.67							
Minneapolis.....	2,458	202,718	12.13	216,328	11.36	235,000	10.46	10	95	6	22	59	9	
Moorhead.....	62	8,730	16.62	4,818	4.79	4,500	13.75							
New Prague.....	9	1,228	7.33	1,325	6.79	1,500	6.00							
New Ulm.....	60	5,403	11.10	5,988	10.00	6,000	10.00							
Northfield.....	43	3,210	13.40	3,407	12.62	3,600	11.94							1
North St. Paul.....	8	1,113	7.20	1,113	7.19	1,500	5.33							
Ontonville.....	11	1,247	8.82	None.	8.58	1,247	8.82							1
Owatonna.....	53	5,561	9.53	6,174	8.58	6,000	8.83							2
Park Rapids.....	33	1,313	10.66	None.	24.76	2,245	6.24							
Perham.....	182	1,182	27.82	None.	5.00	1,400	23.57							
Pierston.....	15	2,596	5.91	3,002	5.00	3,000	5.00							
Preston.....	12	1,278	9.39	None.	7.88	1,635	7.24							
Red Lake Falls.....	18	1,685	9.55	2,283	11.42	2,000	9.00							4
Red Wing.....	91	7,625	12.09	7,968	8.14	8,000	11.38							3
Renville.....	5	1,075	4.65	1,094	9.14	1,200	4.17							
Rushford.....	10	1,062	9.42	1,084	16.28	1,200	8.33							
St. Charles.....	22	1,304	18.37	1,351	7.98	1,304	16.87							
St. Cloud.....	72	8,663	8.31	9,031	6.86	10,000	7.50							4
St. James.....	22	2,607	8.44	3,205	6.86	3,000	7.33							3
St. Louis Park.....	8	1,325	6.04	1,622	4.93	1,325	6.04							1

	1,606	163,065	9,85	173,763	9,24	180,000	8,92	209	15	19	9	28	21	4
St. Paul	41	3,902	9.63	4,325	9.05	8,500	11.71	6						
St. Peter	13	2,220	6.35	2,410	6.39	3,500	6.20	1				1		1
Stark Center	9	1,391	6.47	1,466	6.14	1,900	6.00	4						
Stark Rapids	19	2,047	8.23	2,131	8.83	2,500	8.84	4						
Shakopee	18	2,046	8.80	2,236	8.05	2,500	7.20	2			1			1
Sleepy Eye	14	2,322	6.03	2,351	8.96	2,500	6.18	2						
South St. Paul	13	1,422	9.14	1,465	8.87	1,500	8.67							
South St. Paul	8	1,511	5.29	1,798	4.45	1,000	5.00							
Springfield	16	1,504	10.64	1,640	9.76	2,500	6.40		4					
Staples	14	1,819	7.70	2,590	5.40	3,000	4.67	2				2		1
Thief River Falls	15	1,366	10.98	1,459	10.28	2,500	6.00							
Tower	21	1,911	10.99	2,094	10.03	2,100	10.00	2						
Tracy	43	2,528	17.00	2,642	16.92	2,600	16.54	5						
Wabasha	21	1,520	13.82	1,746	12.03	1,800	11.67	1						2
Wadena	12	1,276	9.40	1,502	7.99	1,400	8.57	4			1			1
Warren	23	3,103	7.41	3,325	6.92	3,500	6.57							
Waseca	6	1,260	4.76	1,375	17.45	1,400	4.29							
Waterville	4	1,132	3.53	1,401	3.21	1,500	2.67	2						
Wheaton	45	3,409	13.20	3,975	11.32	4,500	10.00	10			2			2
Willmar	14	1,944	2,342	5.98	2,342	2,200	6.36	1						
Windom	232	19,714	11.77	20,265	11.45	23,000	10.09		3					1
Winona	20	2,386	8.38	2,823	7.08	2,500	8.00	1						
Worthington	20	1,119	17.87	1,209	16.54	1,100	18.18							1
Zumbrota	174	11,495	15.14	12,417	14.01	14,550	11.96	23			9			1
Mississippi											4			1
Amory	9	1,211	7.43	1,379	6.53	2,000	4.50	1		4				
Bay St. Louis	65	2,872	22.63	3,195	20.34	3,500	16.57	13						
Durant	22	1,766	12.46	1,949	11.29	2,000	11.00	2						
Grenada	57	2,568	22.20	2,622	21.74	3,000	19.00	4			4			
New Albany	5	1,033	4.85	1,209	4.14	1,500	3.33							
Sardis	12	1,002	11.98	988	12.15	1,250	9.60	2						
Woodville	4	1,043	3.83	1,075	3.72	1,300	3.00	1						1
Missouri	12,714	753,480	16.87	811,276	15.66	842,798	15.09	1,331	5	326	150	106	215	104
Aurora	68	6,191	11.02	7,212	9.44	7,000	9.71	22			8			3
Bethany	35	2,093	16.72	2,448	14.30	2,500	14.00	7						3
Carthage	99	9,416	10.51	9,932	9.97	11,500	8.60	14			3			
Jefferson City	80	9,664	8.28	10,710	7.47	11,000	7.27	10			1			2
Granby	10	2,315	4.32	2,645	3.78	2,000	3.85	3						
Grant City	20	1,406	14.22	1,485	13.47	1,600	12.50	5						
Huntsville	35	1,805	19.39	1,794	19.50	3,500	10.00	21			4			3
Kennett	8	1,509	5.30	1,943	4.12	2,000	4.00	2			3			
Lamar	32	2,737	11.69	2,694	11.88	3,000	10.67	4						
Laplata	28	1,345	20.82	1,410	19.86	1,345	20.82	4						
Lexington	87	4,190	20.76	4,315	1.86	5,000	15.40	6			2			4
Macon	129	4,068	31.70	4,319	29.87	5,000	25.80	8			5			7
Memphis	26	2,195	11.85	2,346	11.08	2,300	11.30	1						1
Monroe City	30	1,929	15.63	1,965	15.27	2,500	12.40	5						2
Mountaingrove	3	1,004	2.99	1,433	2.09	1,800	1.67	2						







Salem.....	105	5, 811	18.07	5, 919	17.74	6, 000	17.50	13												2	
Secaucus.....	10	1, 228	6.15	None.		1, 800	5.55														2
Somerville.....	62	4, 843	12.90	11.94		5, 000	12.40	5													3
South Orange.....	57	4, 008	12.37	5, 194		5, 000	11.40	6													1
South River.....	40	2, 792	14.33	3, 146		3, 000	13.80	2													2
Summit.....	86	5, 502	16.22	5, 947		6, 000	14.33	11													2
Tenafly.....	23	1, 987	13.17	11.52		1, 800	12.78	1													1
Verulam.....	23	2, 779	9.00	3, 432		3, 500	7.14	3													
Viueburg.....	82	4, 370	18.76	17.95		4, 500	18.22	3													
Woodbury.....	60	4, 087	14.68	4, 152		4, 200	14.25	3													2
New Mexico.....	39	4, 995	7.61	4, 162		5, 742	6.79	9													1
Gallop.....	11	2, 946	3.73	None.		1, 500	7.33	1													1
Roswell.....	28	2, 049	13.67	4, 162		4, 242	6.60	8													1
New York.....	89, 585	4, 785, 117	18.72	5, 155, 086		5, 199, 874	17.23	11, 291	37	1, 041	600	835									2, 607
Adams.....	22	1, 292	17.03	1, 267		1, 375	17.36	2													
Albany.....	1, 845	94, 151	19.60	93, 875		100, 000	18.45	227	1	19	12	20									16
Alexandria Bay.....	19	1, 511	12.57	1, 661		1, 800	10.56	1													1
Auburn.....	581	30, 345	17.50	31, 954		38, 000	13.95	55		8		1									18
Avoca.....	11	1, 006	10.93	1, 024		1, 006	10.93	1													
Babylon.....	38	2, 157	17.62	None.		2, 200	17.37	7													
Balston Spa.....	37	3, 923	9.43	4, 066		4, 095	9.04														
Binghamton <sup>a</sup> .....	520	39, 647	13.12	41, 310		42, 000	12.38	60													4
Bolivar.....	11	1, 208	9.10	None.		1, 500	7.33														
Boonville.....	55	1, 745	31.52	1, 732		1, 900	28.95	1													
Buffalo.....	5, 681	352, 397	16.12	387, 045		380, 000	14.95	471	4	133	37	26									111
Cambridge.....	29	1, 587	18.38	1, 571		1, 700	17.06	3													
Canandaigua.....	134	6, 151	21.79	6, 251		6, 400	19.42	9													
Canastota.....	42	3, 030	13.46	3, 123		3, 400	12.55	5													
Canton.....	87	2, 757	31.56	2, 822		3, 000	29.00	6													
Castleton.....	21	1, 214	17.30	1, 246		1, 400	15.00	1													
Catskill.....	117	5, 484	21.33	5, 685		5, 355	21.80	5													
Cattaraugus.....	14	1, 392	10.13	1, 561		1, 500	9.33														
Champlain.....	28	1, 311	21.36	1, 325		1, 311	21.36	2													
Charlotte.....	27	1, 400	19.29	1, 568		1, 500	10.50	1													
Clifton Springs.....	45	1, 617	27.83	1, 732		1, 700	26.47	1													
Clyde.....	44	2, 507	12.26	2, 460		2, 507	17.55	3													
Corinth.....	25	2, 039	15.99	2, 333		2, 500	12.00														
Coxsackie.....	168	11, 061	15.19	11, 960		14, 000	12.00	10													
Croton on Hudson.....	60	2, 735	21.94	None.		3, 000	20.00	4													
Cuba.....	22	1, 533	14.35	None.		1, 600	13.75	4													
Delhi.....	24	1, 502	15.98	1, 545		1, 600	15.00	1													
Dewey.....	38	2, 078	18.29	2, 261		3, 000	12.67	3													
Dobbs Ferry.....	42	3, 898	8.58	None.		3, 379	8.58	3													
Dolgeville.....	31	2, 888	14.54	3, 178		2, 888	14.54	3													
Dundee.....	18	1, 915	16.19	None.		2, 000	13.50	2													
Dunkirk.....	18	1, 291	13.94	1, 323		1, 291	13.94	2													
232	11, 616	19.97	12, 404	18.70		16, 660	13.83	15													

<sup>a</sup> Not including deaths in State hospital.













McConnellsville.....	1,843	25.75	2,000	28.50	1	1	1	1	1
Madison.....	3,473	12.74	4,000	10.00	8	1	1	1	1
Marion.....	13,146	15.93	15,000	12.60	21	1	1	1	1
Martins Ferry.....	8,301	14.38	9,000	12.56	22	1	1	1	1
Massillon.....	12,607	10.49	13,000	9.62	6	1	1	1	1
Maumee.....	1,856	9.70	2,500	7.20	6	1	1	1	1
Mechanicsburg.....	1,674	16.15	1,800	15.00	9	1	1	1	1
Medina.....	2,289	21.06	2,400	19.58	9	1	1	1	1
Miamisburg.....	4,286	10.91	4,500	9.33	8	1	1	1	1
Middleport.....	2,632	22.62	3,300	18.18	8	1	1	1	1
Middletown.....	9,703	11.29	10,000	10.40	17	1	1	1	1
Millersburg.....	2,027	14.80	2,000	15.00	5	1	1	1	1
Mineral City.....	1,998	15.02	3,300	18.18	8	1	1	1	1
Minerva.....	1,338	8.84	1,400	8.57	3	1	1	1	1
Mingo Junction.....	1,200	11.67	1,300	10.77	1	1	1	1	1
Minster.....	6,09	3.348	3,800	4.74	3	1	1	1	1
Mount Healthy.....	12.29	5.38	1,500	12.00	3	1	1	1	1
Murray City.....	1,645	10.49	1,600	14.38	1	1	1	1	1
Napoleon.....	None.	None.	1,350	9.34	2	1	1	1	1
Newark.....	3,954	10.12	4,284	7.30	3	1	1	1	1
Newburg.....	18,157	12.12	21,000	9.17	10	1	1	1	1
New Bremen.....	1,318	18.97	1,600	16.63	3	1	1	1	1
Newburg.....	5,909	1.86	6,500	3.23	2	1	1	1	1
Newcomerstown.....	3,164	9.40	3,000	8.33	1	1	1	1	1
New London.....	1,180	27.88	1,400	19.23	2	1	1	1	1
New Richmond.....	1,916	19.83	2,500	13.20	5	1	1	1	1
New Straitsville.....	2,302	11.73	2,500	13.20	5	1	1	1	1
North Amherst.....	1,758	13.08	1,797	12.67	1	1	1	1	1
Norwalk.....	7,074	12.72	8,000	13.08	6	1	1	1	1
Norwood.....	7,480	11.84	8,000	13.25	9	1	1	1	1
Orrville.....	6,061	7.88	10,000	7.70	10	1	1	1	1
Ottawa.....	1,951	7.89	2,000	7.00	1	1	1	1	1
Oxford.....	2,522	3.17	2,500	7.00	1	1	1	1	1
Painesville.....	2,000	15.65	2,500	10.43	2	1	1	1	1
Pemberville.....	5,024	15.13	2,300	10.43	2	1	1	1	1
Plain City.....	1,024	8.33	6,000	12.67	4	1	1	1	1
Plymouth.....	1,432	16.78	1,085	8.33	4	1	1	1	1
Pomeroy.....	4,634	4.33	1,500	14.12	5	1	1	1	1
Portsmouth.....	4,639	13.52	4,500	14.12	5	1	1	1	1
Reading.....	17,670	18.52	4,607	11.50	6	1	1	1	1
Rockport.....	3,076	5.33	19,669	16.91	20,000	16.55	54	18	2
Rocky River.....	1,640	3.49	3,400	12.68	4	1	1	1	1
Rochester.....	1,722	5.23	1,800	5.00	3	1	1	1	1
Sabina.....	2,038	10.30	2,315	9.07	1	1	1	1	1
Salina.....	1,319	3.79	1,319	3.79	1	1	1	1	1
St. Marys.....	1,624	11.48	2,000	8.50	3	1	1	1	1
St. Paris.....	5,359	14.00	6,500	11.54	8	1	1	1	1
Salem.....	1,222	10.64	1,300	10.00	2	1	1	1	1
Sallineville.....	7,882	18.43	8,227	14.22	8,000	14.63	9	4	1
Sandusky.....	2,353	19.12	3,000	15.00	9	1	1	1	1
Sandusky.....	19,664	12.40	22,000	10.18	12	1	1	1	1
Selma.....	1,214	8.24	1,200	7.75	2	1	1	1	1
Shawnee.....	2,966	9.10	1,200	7.75	2	1	1	1	1
Shreve.....	1,043	13.28	3,000	9.00	3	1	1	1	1
Sidney.....	5,688	14.59	6,000	13.83	5	1	1	1	1



Pennsylvania	43, 635	2, 422, 007	18. 02	2, 576, 337	16. 65	2, 686, 564	16. 24	4, 042	398	1, 530	189	405	1, 033	865
Allentown	560	35, 416	15. 81	39, 077	14. 33	40, 000	14. 00	50	12			6	16	
Arenbald	39	5, 396	10. 84	5, 883	10. 03	5, 884	10. 56	1						3
Ashtley	48	4, 046	11. 86	4, 351	11. 03	5, 000	9. 60		1			4	1	
Aspinwall	20	1, 251	16. 25	None.			11. 11		1					
Athens	32	3, 749	13. 87	3, 821	13. 26	3, 749	13. 87		4					
Avon	45	2, 130	21. 13	2, 607	17. 26	4, 500	10. 00			1				
Bangor	46	4, 106	11. 69	4, 679	10. 26	4, 800	10. 00			2			2	3
Bellevue	49	3, 416	14. 34	4, 133	11. 86	4, 800	10. 00			2			1	2
Birdsboro	42	2, 264	18. 55	2, 264	18. 55	4, 800	10. 00			2			1	2
Blairsville	90	3, 386	26. 58	3, 379	25. 87	4, 000	22. 50		2	8		1	3	1
Boyetown	20	1, 709	11. 70	1, 806	11. 07	2, 100	9. 52			1				
Bradford	175	13, 029	11. 64	16, 994	10. 97	20, 000	8. 75	12	2	1		14	6	1
Bridgeport	46	3, 087	14. 85	3, 238	14. 12	3, 500	13. 14	3		1				
Brookwayville	15	1, 777	8. 44	2, 082	7. 20	2, 000	7. 50			4				
Brookville	22	2, 472	8. 90	2, 469	8. 91	2, 700	8. 14	3						
Brownsville	35	1, 562	22. 55	1, 602	18. 73	2, 000	17. 50			1		2	1	
Butler	230	10, 833	21. 19	11, 613	19. 80	17, 000	13. 53	6	2	77		2	2	2
California	34	2, 009	16. 92	2, 364	14. 38	2, 500	13. 60			1		1	1	
Cambridge Springs	17	1, 495	11. 37	1, 708	9. 99	2, 000	8. 50							1
Canton	12	2, 714	7. 74	2, 929	7. 17	4, 000	5. 25			3				
Carbondale	241	1, 525	7. 87	1, 572	7. 63	1, 525	7. 87			9			17	1
Carlisle	17	18, 536	17. 80	14, 396	16. 74	13, 536	17. 80			7			3	
Carnegie	167	9, 626	16. 30	10, 346	15. 17	8, 000	17. 00	17		7		1	3	1
Catsaqua	128	7, 330	17. 46	None.		4, 000	14. 25	3		1			1	
Catawissa	57	3, 963	14. 38	4, 056	14. 05	4, 200	7. 73	1		1				
Centralia	17	2, 023	8. 40	2, 098	8. 10	2, 200	7. 73			5				
Chester	36	2, 048	17. 58	1, 794	20. 07	2, 200	18. 00			15			11	3
Chester	672	33, 988	19. 77	36, 385	18. 47	33, 990	19. 78	13		25		1	1	
Clairemont	12	1, 092	10. 99	1, 017	11. 80	1, 200	10. 00							1
Clayville	31	2, 371	13. 07	2, 719	11. 40	2, 371	13. 07							
Clifton Heights	28	2, 330	12. 02	2, 513	11. 14	2, 400	11. 67							
Coatesville	159	5, 721	27. 79	6, 452	24. 64	8, 500	18. 70	7		1			1	
Columbia	187	12, 316	15. 18	12, 932	14. 46	13, 500	13. 85	18		11		7		
Colwyn	11	1, 226	8. 97	None.		1, 600	6. 25			8			10	1
Connellsville	118	7, 160	16. 48	7, 708	15. 30	9, 000	13. 11					2	1	1
Conshohocken	75	5, 762	13. 02	5, 866	12. 79	6, 500	11. 52	1		1			1	
Coplay	9	1, 581	5. 69	1, 832	4. 91	1, 600	5. 63							
Corry	67	5, 369	12. 48	5, 258	12. 74	5, 369	12. 48	7		3				
Coudersport	19	3, 217	5. 90	3, 823	4. 97	3, 500	5. 43							
Coudersport	45	1, 927	23. 35	None.		3, 000	15. 00	1		1			2	
Crafton	20	1, 738	11. 50	1, 831	10. 92	1, 750	11. 41	1					1	
Cressona	38	2, 133	17. 82	2, 208	17. 21	2, 706	14. 04							
Downington	38	1, 233	12. 98	1, 236	12. 94	1, 400	11. 43							
East Brady	16	3, 458	14. 46	3, 705	13. 50	3, 500	14. 29	5		1		4		
East Mauch Chunk	50	1, 473	12. 90	1, 566	12. 13	1, 600	11. 88	2		2			3	
Elizabethtown	19	3, 815	17. 64	None.		4, 000	14. 75	5		9			3	
Elliott	59	3, 468	15. 67	3, 079	7. 47	1, 600	14. 38	4		2			2	
Emaus	23	1, 190	9. 24	1, 212	9. 08	1, 250	8. 88	1						
Emilton	11	2, 463	8. 12	2, 578	7. 76	2, 600	7. 69						1	
Emporium	20	2, 463	8. 12	2, 578	7. 76	2, 600	7. 69						1	
Emporium	731	52, 733	13. 86	57, 069	12. 80	57, 000	12. 82	75		4		2	23	14

Mortality statistics of 1,423 cities and towns of the United States for the year ended December 31, 1903—Continued.

City or town.	Total deaths from all causes.	Population, United States census of 1900.	Annual mortality per 1,000 of the population, United States census of 1900.	Population Dec. 31, 1903, as estimated by the Bureau of the Census.	Annual mortality per 1,000 of the Census Bureau's estimated population for 1903.	Estimated population (local).	Deaths from—						
							Tuberculosis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria and membranous croup.	Whooping cough.
<b>Pennsylvania—Continued.</b>													
Etna.....	78	9,884	14.49	9,965	13.08	6,000	10	6	30			7	6
Evans City.....	8	1,208	6.65	1,407	5.69	1,175							
Exeter.....	40	1,948	20.58	2,364	16.92	2,500	4		1	1			2
Forest City.....	71	4,279	16.59	4,981	14.24	4,800							2
Frackville.....	24	2,594	9.25	2,619	9.16	2,700	3						1
Franklin.....	67	7,317	9.16	7,711	8.69	9,000	8		1	1		1	2
Freeport.....	25	1,754	14.25	1,797	13.91	2,000	1						1
Galeton.....	36	2,415	14.90	None.		3,889	1						2
Gettysburg.....	54	3,495	15.45	3,592	15.03	3,600	4		1			1	2
Glen Campbell.....	23	1,628	14.13	None.		1,600	4						5
Gordon.....	8	1,165	6.87	1,154	6.93	1,165	5						1
Greensburg.....	99	6,508	15.21	7,852	12.60	8,000	4						2
Grove City.....	40	1,599	25.17	2,257	17.72	2,500	2		4			1	2
Hallstead.....	21	1,404	14.96	1,490	14.09	1,500	1						1
Hazleton.....	215	14,200	15.11	15,196	14.15	16,000	4		2				6
Houtzdale.....	12	1,482	8.10	1,213	9.89	1,500	1						1
Indiana.....	68	4,142	16.42	4,923	13.81	5,400	15						2
Irwin.....	24	2,452	9.79	2,459	9.76	3,400	2						2
Jeanette.....	86	5,865	14.66	6,786	12.67	6,500	5		2				1
Johnstown.....	761	35,936	21.20	40,616	18.74	45,000	31		9	4		27	36
Juniata.....	22	1,709	12.87	None.		2,400	1						1
Kannett Square.....	32	1,516	21.10	1,584	20.20	2,400	4						2
Kearney.....	66	3,846	17.16	4,477	14.74	4,500	2						2
Kilgus.....	58	3,902	13.36	4,192	13.36	4,500	4						2
Kittanning.....	58	3,511	16.51	4,152	13.97	4,300	6		8			1	1
Kutztown.....	18	1,228	14.55	1,231	14.62	1,650	1						1
Kutztown.....	589	41,459	13.90	44,841	13.13	48,000	54						10
Lancaster.....	28	2,680	10.64	3,564	8.59	3,500	2						3
Landsdowne.....	74	4,888	13.14	5,203	14.22	5,500	2		2				2
Lansford.....	274	17,628	16.94	18,699	14.66	18,000	3						2
Lebanon.....	25	2,439	10.13	2,653	9.52	3,500	1						2
Leechburg.....	62	4,629	13.39	5,227	11.86	5,000	4						4
Lewistown.....	46	3,467	13.30	3,532	13.02	3,800	5			1			2
Lewisburg.....	16	1,687	11.00	1,687	10.67	1,800	1						2
Lititz.....	47	3,817	12.31	4,326	10.86	4,800							5



McAdoo.....	9	2,122	4.24	None.	18.46	3,000	3.00										
Nickesport.....	736	34,227	21.50	39,861	18.46	39,000	18.87										
Nanany City.....	248	13,504	14.30	14,300	17.34	14,000	17.71	6	31	6	48	1	1	21	1	2	
Nausfield.....	28	1,847	15.16	2,494	14.90	2,000	14.00	2	5	4	4						
Naneta.....	37	2,469	14.99	2,494	14.94	2,469	15.00	2	2	2				2			
Nauch Chunk.....	59	4,029	14.64	4,004	14.74	4,000	14.39	4	4	4	8	1		1			
Nearville.....	787	10,291	18.17	10,967	18.17	12,000	15.58	8	8	8							
Mechanicsburg.....	59	3,841	15.36	3,895	15.15	4,000	13.11		3								
Meversdale.....	30	3,024	9.92	3,447	8.70	4,000	7.50		2	2	2						
Miners Mills.....	8	2,224	3.60	2,278	3.51	2,000	4.00		2	1	1						
Minersville.....	61	4,815	12.67	6,284	11.54	5,000	12.20	1	1	1		3		2			
Montgomery.....	10	1,063	9.40	1,167	8.57	1,200	8.33	1	1	1							
Mount Holly Springs.....	12	1,328	9.04	1,378	8.70	1,350	8.89	1	1	1							
Mount Joy.....	40	2,018	19.82	2,079	19.24	2,018	19.82	5	5	5							
Mount Oliver.....	17	2,295	7.36	None.	19.24	3,500	4.85	1	2	2				4			
Muncy.....	28	1,934	14.48	2,163	12.94	2,250	12.40	2	2	2							
Nanticoke.....	225	12,116	18.57	12,858	17.50	15,000	15.00	15	15	15	38	1	1	8	12	6	
Newcastle.....	464	28,339	16.48	33,420	13.88	32,000	14.59	2	2	2							
New Cumberland.....	7	1,085	6.76	1,135	6.17	1,250	5.24		2	2							
New Hope.....	21	1,218	17.21	1,247	16.81	1,250	16.80	4	4	4	7	4	1	1	6	2	
New Kensington.....	74	4,665	15.86	None.	16.81	4,000	18.50		2	2							
Newtown.....	25	1,463	17.09	1,533	16.10	1,500	16.67	1	1	1							
Newville.....	20	1,655	12.08	1,687	11.86	1,655	12.08	7	7	7	4	1	4	7			
Norristown.....	302	22,265	13.56	23,150	13.05	25,000	12.03	1	1	1							
Northumberland.....	31	2,748	11.28	2,748	11.28	3,000	10.33	1	1	1							
North York.....	17	1,185	14.35	None.	11.28	1,400	12.14										
Norwood.....	21	1,286	16.33	None.	14.35	1,500	14.00	1	1	1						1	
Oakdale.....	12	1,147	10.46	None.	16.33	1,350	8.89	1	1	1						1	
Oakmont.....	27	2,323	11.62	2,556	10.56	2,500	10.80	2	2	2	1	10	2	2	4	1	
Oil City.....	130	13,264	9.00	14,099	9.22	16,000	8.13										
Olyphant.....	126	6,180	20.39	6,933	18.17	6,180	20.39	3	3	3							
Orwigsburg.....	27	1,518	17.79	1,600	16.98	1,650	16.36	1	1	1							
Palo Alto.....	22	1,707	12.89	1,807	12.17	1,700	12.94	1	1	1							
Parkesburg.....	26	1,788	14.60	1,885	13.79	2,000	13.00	4	4	4							
Pennsburg.....	12	1,032	11.63	1,179	10.18	1,200	10.00										
Philadelphia.....	25,947	1,382,697	20.00	1,382,109	18.77	1,378,624	18.82	3,053	278	957	141	189	605	291			
Pinegrove.....	17	1,084	15.66	1,077	15.78	1,150	14.78										
Port Carbon.....	44	2,168	20.30	2,236	19.68	2,200	20.00										
Port Vue.....	16	1,808	8.87	None.	20.30	1,200	13.30	1	1	1							
Pottsville.....	276	15,710	17.57	16,280	16.95	17,000	16.32			6	6	1	6				
Quakertown.....	43	3,319	14.27	3,319	12.96	3,500	12.29	1	1	1							
Rankin.....	46	3,775	12.19	None.	14.27	5,000	9.20			1							
Reading.....	1,217	78,961	15.41	86,235	14.11	86,000	14.15	104	104	30	28	55	5				
Red Lion.....	7	3,515	5.24	4,627	4.30	4,500	4.67										
Ridgway.....	53	3,515	15.08	4,092	12.95	4,500	11.78	1	1	1							
Roaring Spring.....	15	1,344	11.16	1,555	9.65	1,500	10.00	1	1	1							
Roversford.....	11	2,607	4.22	2,890	3.80	2,750	4.00	6	6	6							
St. Clair.....	147	4,638	31.69	4,982	29.49	5,000	29.40	17	17	17	3	1	1	1			
Scottdale.....	53	4,261	12.44	4,824	10.99	7,000	7.57			2	2	14	1	5	17	1	
Scranton.....	1,602	102,026	15.70	111,260	14.40	115,000	13.93	100	100	2	2	1	5	17	1		
Sellersville.....	18	1,247	14.43	1,408	12.78	1,500	12.00	5	5	5							
Sewickley.....	49	3,568	13.73	3,851	12.72	3,700	13.24	3	3	3							

Mortality statistics of 1,423 cities and towns of the United States for the year ended December 31, 1903—Continued.

City or town.	Total deaths from all causes.	Population, United States census of 1900.	Annual mortality per 1,000 of the population, United States	Population Dec. 31, 1903, as estimated by the Bureau of the Census.	Annual mortality per 1,000 of the Census Bureau's estimated population for 1903.	Estimated population (local).	Annual mortality per 1,000 of the local estimated population.	Deaths from—						
								Tuberculosis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria and membranous croup.	Whooping cough.
Pennsylvania—Continued.														
Shippensburg	37	3,228	11.46	3,601	10.27	4,000	9.25							
Sharonhill	23	1,053	21.74	None.	15.66	1,500	15.33	2						
Sharpsburg	118	6,842	17.25	7,537	15.66	7,500	15.73	15	6					
Sharpsville	40	2,970	13.46	3,199	12.50	3,500	11.43	1	2					
Sheridan	49	2,948	16.62	None.	19.02	5,500	8.90	3	3	2				
Slatington	79	3,773	20.94	4,153	11.22	3,800	19.75	5	11					
Springgrove	13	1,005	12.94	1,159	11.22	1,020	12.75							
Steelton	247	12,086	20.44	13,206	18.70	14,000	17.64		7					
Summit Hill	35	2,986	11.72	3,047	11.49	3,000	11.67							
Susquehanna	63	3,813	16.52	3,791	16.62	4,000	15.75	13	2					
Tamaqua	42	7,257	5.78	7,701	5.45	9,000	4.97							
Taylor	80	4,215	18.98	None.		4,500	17.78	2	1					
Throop	16	2,204	7.26	None.		2,500	6.40							
Tidoute	18	1,237	14.55	1,205	14.94	1,237	14.55	3						
Titusville	98	8,244	11.89	8,305	11.80	9,000	10.89	4						
Towanda	47	4,663	10.08	4,839	9.71	4,663	10.08	4		2				
Troy	19	1,450	13.10	1,500	12.67	1,450	13.10	4		1				
Tower City	21	2,167	9.69	2,206	9.52	2,167	9.69	1						
Tyrone	67	5,817	11.46	6,256	10.70	7,000	9.57	4		2				
Vandergrift	9	2,076	4.34	None.		7,000	1.29							
Warren	112	8,043	13.93	9,687	11.56	10,000	11.20	5		1				
Watsontown	26	1,898	13.70	1,805	14.40	2,000	13.00	5		1				
Waynesboro	50	5,396	9.27	5,966	8.38	5,500	9.09							
Weatherly	29	2,471	11.74	2,295	12.64	3,000	9.67	1		1				
West Bethlehem	49	3,465	14.14	3,719	13.18	3,700	13.24	1						
Westchester	197	9,524	20.68	10,062	19.58	10,000	19.70	16	2	5				
West Conshohocken	24	1,958	12.26	2,062	11.63	2,500	9.60							
West Easton	14	1,040	14.00	None.		1,000	14.00	1						
Westfield	11	1,190	9.32	1,198	9.18	1,200	9.17							
West Hazleton	39	2,516	15.50	3,086	12.64	2,800	13.63			2				
Wilkesbarre	779	51,726	15.06	56,738	13.73	52,000	14.16	41		0				
Wilkesburg	187	11,886	15.73	15,018	12.45	16,000	11.69			2				
Williamsport	368	28,757	13.82	29,341	13.05	33,000	12.97	43		1				
Wrightsville	29	2,266	12.80	2,391	12.13	2,400	12.06	6		7				

	4,612	215,798	21-37	231,712	19,90	226,500	20,36	553	1	41	90	34	101	88
Rhode Island.....														
Central Falls.....	367	18,167	20-20	19,844	18,49	18,500	19,84	36	1	1	1	8	3	11
Newport.....	350	22,031	15-88	15,24	22,959	a 23,000	15,22	31	3	3	89	1	13	77
Providence.....	3,895	175,397	22,18	188,909	20,62	185,000	21,05	486	37	37	25	25	85	77
South Carolina.....														
Aliken.....	2,156	101,501	21-24	106,408	20,25	119,328	18,07	284	9	52	7	1	5	21
Beaufort.....	b 108	3,414	31-63	3,790	28,49	4,000	27,00	25	1	1				
Blackville.....	26	4,110	6-33	4,296	6,05	3,500	7,43							
Camden.....	36	1,116	32-26	1,170	30,77	1,116	32,26	3					2	
Charleston.....	40	2,441	16-39	2,050	19,51	3,000	13,33	4	5	5				
Chester.....	1,407	55,807	26-29	56,112	26,15	65,107	22,50	212	9	35	1	1	2	19
Darlington.....	43	4,075	10-55	4,566	9,42	6,000	7,17	5	3	3				
Greenwood.....	35	3,028	11-56	3,257	10,74	4,700	7,45	7					2	
Manning.....	106	11,860	8,85	13,025	8,06	15,000	7,00	16	6	6			1	1
Rockhill.....	100	4,824	20-73	6,078	16,45	5,000	20,00	4	1	1				
Summerville.....	13	1,430	9,09	1,559	8,34	1,700	7,05							
Walterboro.....	113	5,485	20-60	6,467	17,47	5,185	20,00	7	1	1	6			1
South Dakota.....														
Beresford.....	264	22,516	11-72	22,354	11,63	29,500	8,95	19	7	7		8	9	6
Deadwood.....	3	1,046	2-87	1,400	2,14	1,200	2,50							
Elkpoint.....	64	3,489	18-34	3,903	16,40	5,000	12,80	1	1	1		3	2	
Rapid City.....	4	1,081	3-70	None		1,600	2,50							
Sioux Falls.....	120	10,295	11-69	10,298	3,78	1,500	2,07						2	
Tyndall.....	6	1,167	5-14	1,404	4,27	1,200	8,57	13	4	4		4	1	6
Yankton.....	63	4,125	15-27	4,290	14,68	5,000	12,60	4	2	2		1	3	
Tennessee.....														
Athens.....	5,008	267,669	18-70	287,661	17,40	317,597	15,77	649	21	174	42	18	27	77
Bolivar.....	60	1,849	32-45	1,713	35,02	2,150	27,90	18		6		2	1	9
Chattanooga.....	12	1,035	11-59	1,010	11,88	1,200	10,00	2		2	3			
Clarksville.....	514	30,154	17-05	30,530	16,84	40,000	12,85	69	19	13			6	2
Cookeville.....	163	9,431	17-28	9,972	15,95	10,000	16,30	37	15	15		2	2	1
Knoxville.....	553	32,637	16-94	34,674	15,95	40,000	13,75	91	1	28	10	1	4	4
Levinsburg.....	10	32,421	7-04	1,704	5,87	2,000	5,00	2						
Memphis.....	2,032	102,320	19-56	115,873	17,54	130,000	15,63	214	2	45	4	6	5	48
Murfreesboro.....	1,577	80,865	14-25	4,092	13,93	5,000	11,40	14						
Nashville.....	1,577	80,865	18-50	83,552	18,87	82,947	19,01	197	58	58	13	7	9	10
Newport.....	10	1,630	6-13	1,979	5,06	1,800	5,56	3		2	3			
Trenton.....	20	2,328	8-59	2,557	7,82	2,500	8,00	5		2				
Texas.....														
Atlanta.....	2,004	119,624	21-77	129,424	19,80	148,563	17,53	475	4	61	28	3	43	15
Bowie.....	3	1,301	2-30	1,136	2,68	2,000	1,50	1						
Burnet.....	26	2,600	10-00	2,998	8,67	3,500	7,33							
Permanent population.....	10	1,063	9-37	842	11,87	1,006	9,94							

a Deaths in smallpox hospital not included.

b Including deaths of nonresidents.

c Permanent population.

Mortality statistics of 1,423 cities and towns of the United States for the year ended December 31, 1903—Continued.

City or town.	Total deaths from all causes.	Population, United States census of 1900.	Annual mortality per 1,000 of the population, United States census of 1900.	Population Dec. 31, 1903, as estimated by the Bureau of the Census.	Annual mortality per 1,000 of the Census Bureau's estimated population for 1903.	Estimated population (local).	Annual mortality per 1,000 of the local estimated population.	Deaths from—									
								Tuberculosis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria and membranous croup.	Whooping cough.			
<b>Texas—Continued.</b>																	
Caldwell.....	8	1,535	5.21	1,639	4.88	2,000	4.00										
Commerce.....	25	1,800	13.80	2,155	11.60	3,000	8.33										
Corcoran.....	65	9,313	6.98	11,399	5.70	12,000	5.42										
Englelake.....	17	1,107	15.36	1,229	13.83	1,700	10.00			2							
Felis.....	74	4,919	15.04	5,904	12.53	6,500	11.38			8							
Granbury.....	8	1,410	5.67	1,500	5.33	2,000	4.00										
Hearne.....	40	2,129	18.79	None	.....	2,500	16.00										
Italy.....	13	1,061	12.25	1,308	9.91	1,500	6.66										
Lampasas.....	15	2,107	7.12	1,999	7.50	2,500	6.00										
Lubbock.....	17	13,420	39.76	14,185	37.65	15,000	35.60			3							
McGregor.....	17	1,435	11.85	1,672	10.17	2,000	8.50										
Marshall.....	62	7,735	7.89	8,082	10.17	10,000	6.20										
Mincoia.....	10	1,735	5.80	1,865	5.87	2,000	3.20										
Navasota.....	43	3,457	11.53	4,065	10.32	5,857	11.15										
Pittsburg.....	4	1,183	2.30	1,391	2.40	2,000	2.00										
Rockport.....	3	1,133	2.70	1,182	2.54	1,500	3.00										
Rockwall.....	8	1,245	6.45	1,388	6.76	1,500	3.33										
San Antonio.....	61,469	58,321	27.54	58,329	24.93	65,000	22.60			40							
Sulphur Springs.....	150	3,635	41.26	3,850	38.96	5,000	30.00										
Utah.....	1,315	94,308	13.94	86,347	13.25	120,876	10.88			2							
Brigham.....	51	2,859	17.84	3,117	16.36	3,200	15.94										
Ephraim.....	24	2,086	11.50	None	.....	2,100	11.43										
Fairview.....	25	1,119	22.34	1,219	25.34	1,200	20.83										
Filmore.....	11	1,037	10.60	None	.....	1,037	10.60										
Hyrum.....	26	1,652	15.74	None	.....	1,850	14.05										
Kaysville.....	15	1,708	8.78	2,124	7.06	1,500	10.00										
Lehi.....	43	2,719	15.81	None	.....	3,000	14.33										
Mercur.....	18	2,351	7.65	None	.....	1,500	12.00										
Moroni.....	19	1,224	15.52	1,321	14.38	1,400	13.57										
Ogden.....	224	16,313	13.73	16,822	13.32	20,000	11.20			13							
Parowan.....	13	1,039	12.51	None	.....	1,039	12.51										
St. George.....	22	1,000	13.75	None	.....	1,800	12.22										
Salt Lake City.....	745	53,531	13.92	57,656	12.92	75,000	9.93			2							

Spanish Fort.....	51	2,735	18.65	2,921	17.46	3,600	14.17	1	2	1	2	.....
Spring City.....	14	1,135	12.33	1,167	12.00	1,450	9.66	.....	.....	.....	.....	.....
Tooele.....	14	1,200	11.67	None.	.....	1,200	11.67	.....	.....	.....	.....	3
Vermont.....	1,494	69,833	21.39	61,234	19.69	88,810	16.82	126	1	19	11	2
Barre.....	143	8,448	16.93	9,989	14.32	11,270	12.69	18	.....	2	8	.....
Bennington.....	137	5,658	24.40	6,262	21.88	9,000	15.22	17	.....	2	.....	5
Burlington.....	379	18,640	20.33	20,091	18.86	20,000	18.95	31	.....	3	.....	3
Essex Junction.....	33	1,141	28.92	None.	.....	2,200	15.00	2	.....	.....	.....	2
Fair Haven.....	54	2,470	21.86	None.	.....	3,000	18.00	6	.....	.....	.....	.....
Hardwick.....	56	1,334	41.97	None.	.....	2,800	20.00	2	.....	1	.....	1
Luverton.....	45	1,454	30.95	1,587	28.36	2,000	22.50	2	.....	.....	.....	.....
Morrisville.....	31	1,262	40.41	1,334	23.24	2,583	18.71	4	.....	.....	.....	.....
Newport.....	52	1,674	27.71	1,924	27.03	2,000	13.00	2	.....	.....	.....	.....
Proctor.....	35	2,012	17.93	None.	.....	2,300	13.22	.....	.....	.....	.....	.....
Richford.....	60	1,513	39.22	1,688	36.63	2,500	24.00	4	.....	.....	3	2
Rutland.....	227	11,439	19.74	11,773	19.28	13,000	17.46	20	1	2	.....	1
St. Albans.....	110	6,239	10.63	None.	.....	6,500	16.32	.....	.....	.....	.....	.....
Verdennes.....	18	1,733	17.27	1,746	10.30	1,800	30.00	1	.....	3	.....	.....
Wentworth.....	83	1,397	21.90	1,826	19.17	1,200	29.17	10	.....	1	.....	1
Windsor.....	37	1,636	22.34	1,733	21.10	2,100	17.04	6	.....	.....	.....	.....
Woodstock.....	42	1,284	32.71	1,309	32.09	2,557	16.43	3	.....	1	.....	.....
Virginia.....	3,892	183,743	21.18	191,439	20.04	231,100	16.84	434	18	101	21	8
Abingdon.....	9	1,306	6.89	1,173	7.67	3,000	3.00	1	.....	1	.....	.....
Culpeper.....	30	1,618	18.54	1,618	18.54	2,000	15.00	.....	.....	.....	.....	.....
Danville.....	319	16,520	19.31	17,387	18.35	20,000	15.95	50	8	.....	.....	.....
Falls Church.....	8	1,007	7.94	1,086	7.37	1,100	7.27	1	.....	.....	.....	.....
Fredericksburg.....	103	5,098	20.32	5,262	19.57	5,500	18.73	5	.....	3	.....	2
Hampton.....	95	2,764	34.73	2,854	33.29	6,000	15.83	16	.....	2	.....	4
Lynchburg.....	461	18,891	21.40	21,642	21.30	25,000	18.44	73	4	13	.....	11
Manchester.....	217	9,715	22.34	9,883	21.96	11,000	19.73	23	.....	8	6	1
Martinsville.....	16	2,384	6.71	None.	.....	3,500	4.57	3	.....	2	.....	.....
Newport News.....	345	19,635	17.57	24,975	13.81	25,000	13.80	31	3	8	2	.....
Portsmouth.....	304	17,427	17.50	18,144	16.75	25,000	12.16	14	.....	9	.....	3
Richmond.....	1,985	85,050	22.75	86,362	22.40	100,000	19.35	214	1	51	13	3
Saltville.....	10	1,051	38.10	None.	.....	2,500	16.00	2	.....	2	.....	1
Westpoint.....	10	1,307	7.65	1,053	9.50	1,500	6.67	1	.....	.....	.....	.....
Washington.....	2,514	173,267	14.50	202,644	12.40	279,665	8.99	268	9	107	13	23
Aberdeen.....	48	3,747	12.81	4,303	10.66	7,000	6.86	3	.....	4	1	.....
Blaine.....	17	1,592	10.68	1,603	10.60	2,500	6.80	.....	.....	.....	.....	.....
Buckley.....	2	1,014	1.97	None.	.....	1,200	1.67	.....	.....	1	.....	.....
Centralia.....	26	1,600	16.25	1,446	17.98	4,500	5.78	.....	.....	.....	.....	.....
Cosmopolis.....	6	1,004	6.98	1,262	4.75	1,200	5.00	1	.....	1	.....	.....
Mount Vernon.....	8	1,130	7.14	1,245	6.43	2,000	4.00	.....	.....	.....	.....	.....
Olympia.....	45	3,863	11.65	3,562	12.63	7,500	6.00	2	.....	3	.....	.....
Pullman.....	10	1,308	7.65	1,526	6.55	2,300	4.35	2	.....	1	.....	.....

b Fifteen deaths from yellow fever.

a One hundred and nine deaths from yellow fever.





## FOREIGN AND INSULAR.

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### AFRICA.

*Report from Cape Colony—Plague—Examination for plague-infected rodents.*

COLONIAL SECRETARY'S OFFICE,  
*Cape Town, Cape of Good Hope, May 15, 1905.*

The following report by the medical officer of health for the Colony, on the occurrence of bubonic plague in the Cape Colony for the week ended May 13, 1905, is published for general information.

NOEL JANISCH,  
*Under Colonial Secretary.*

*Port Elizabeth.*—No case of plague was discovered during the week. At the plague hospital 1 case remains under treatment. 256 rats (29 found dead) and 327 mice (26 found dead) were bacteriologically examined during the week, of which 12 rats and 10 mice proved to be plague infected.

*Uitenhage.*—82 rats (7 found dead) and 87 mice (5 found dead) were bacteriologically examined during the week, of which 2 mice proved to be plague infected.

*East London.*—8 cases of plague were discovered during the week, namely: 6 native males (3 found dead) and 2 native females. At the plague hospital 2 European and 1 colored male were discharged, and 1 native male died. 16 cases (including 3 from King Williams Town and 1 from Fort Beaufort, the latter admitted during the week), remain under treatment. 107 rats (63 found dead), 21 mice (17 found dead), were bacteriologically examined during the week, of which 17 rats and 3 mice proved to be plague infected.

*King Williams Town.*—No case of plague was discovered during the week; 208 rats (166 found dead) and 70 mice (60 found dead) were bacteriologically examined during the week, of which 18 rats and 8 mice proved to be plague infected.

*Queenstown.*—1 case of plague, in the person of a native, was discovered (after death) at Mousa during the week. The patient had recently arrived in the Queenstown district from East London.

*Other districts of the colony.*—No plague infection was discovered either in man or animals. 414 rodents were examined during the week from the Cape Town harbor board area and the shipping in the harbor, and 606 were examined by the medical officer of health for the city from the Cape Town municipal area.

A. JOHN GREGORY,  
*Medical Officer of Health for the Colony.*

### BRAZIL.

*Reports from Bahia—Mortuary statistics—Smallpox and typhus fever.*

Consul Furniss reports, April 17 and 24, and May 1, 8, and 15, as follows:

During the week ended April 15, 1905, there were interred in the Bahia cemeteries 71 bodies. The causes given for interment were the following: Aneurism, 1; arterio-sclerosis, 5; asphyxia, 1; berberi, 1;



Bright's disease, 2; bronchitis, 4; cancer, 1; cerebral congestion, 4; cirrhosis of liver, 2; diarrhea and dysentery, 6; diphtheria, 1; epilepsy, 1; hepatitis, 2; malarial fever, 3; meningitis, 1; organic diseases of heart, 1; pneumonia, 1; pulmonary tuberculosis, 7; rachitis, 1; senile debility, 1; stillborn, 1; syphilis, 1; tetanus, 1; tetanus neonatorum, 2; typhus fever, 1; other causes, 19.

Week ended April 22, 1905, 68 bodies. Causes given for interment: Arterio-sclerosis, 3; beriberi, 4; bronchitis, 2; cerebral congestion, 2; death by violence, 3; diarrhea and dysentery, 7; gangrene, 1; hepatitis, 2; malarial fevers, 4; organic diseases of heart, 4; pneumonia, 3; pulmonary tuberculosis, 7; rachitis, 2; senile debility, 3; septicæmia, 1; stillborn, 8; tetanus neonatorum, 1; enteric fever, 1; uræmia, 2; other causes, 8.

Week ended April 29, 1905, 58 bodies. Causes given for interment: Alcoholism, 1; asphyxia, 1; arterio-sclerosis, 2; beriberi, 1; Bright's disease, 1; bronchitis, 4; cerebral congestion, 2; cirrhosis of liver, 1; diarrhea and dysentery, 10; fibroma, 1; hepatitis, 1; malarial fevers, 3; nephritis, 1; pulmonary tuberculosis, 17; senile debility, 1; stillborn, 2; syncope, 1; syphilis, 1; enteric fever, 1; other causes, 6.

Week ended May 6, 1905, 66 bodies. Causes given for interment: Arterio-sclerosis, 3; Bright's disease, 1; bronchitis, 8; cerebral congestion, 4; cirrhosis of liver, 1; diarrhea and dysentery, 9; erysipelas, 1; hepatitis, 1; malarial fevers, 3; nephritis, 1; organic diseases of heart, 2; pneumonia, 1; pulmonary tuberculosis, 14; rachitis, 1; scabies, 1; senile debility, 1; stillborn, 2; syncope, 1; tetanus, 2; other causes, 9.

There were reported 5 cases of smallpox, with no deaths.

Week ended May 13, 1905, 87 bodies. Causes given for interment: Apoplexy, 1; arterio-sclerosis, 4; asphyxia, 1; beriberi, 1; Bright's disease, 1; bronchitis, 3; cerebral congestion, 2; cirrhosis of liver, 1; diarrhea and dysentery, 7; epilepsy, 1; hepatitis, 2; malarial fevers, 7; meningitis, 5; organic diseases of heart, 3; pleurisy, 1; pulmonary tuberculosis, 14; senile debility, 5; septicæmia, 1; smallpox, 1; stillborn, 8; syncope, 1; tetanus neonatorum, 1; other causes, 15.

During the same period there were reported 11 cases of smallpox, with 1 death.

*Report from Rio de Janeiro—Inspection of vessels—Cholera and plague in various countries—Emigration and immigration in Argentina—Mortality in cities in Brazil; plague in São Paulo; smallpox and yellow fever in Rio.*

Acting Assistant Surgeon Stewart reports, May 16, as follows:

During the week ended the 13th instant the following vessels were inspected by me before departure and bills of health issued from this consulate-general: On the 10th instant the German steamship *Capri*, for New York, with a cargo of coffee, 1 first-class and no steerage passengers from this port, but with 2 first-class and 8 steerage passengers from Buenos Ayres, and no change in the personnel of the crew while here; on the 11th instant the British steamship *Castilian Prince*, for New York, with a cargo of coffee, no passengers and no change in the crew while here; on the 12th instant the British ship *Kambira*, for Philadelphia, with a small cargo of manganese ore, no passengers, and 3 new members of the crew taken on while in this

port; and on the same date the Norwegian bark *Wakefield*, for Brunswick, Ga., via Barbados, for orders, with no cargo, in stone ballast, and also with a small amount of sand ballast from the Plate region, 1 passenger, and no change in the personnel of the crew while in this port.

No other vessels left this port for United States, Canal Zone, or Cuban ports during the period under consideration.

#### *Bubonic plague in Chile.*

There have been no reports received here from Chile for almost a month, with the single exception of the following, received on the 14th instant from Santiago: "There are now under treatment in the lazaretto of the city of Valparaiso 160 persons who are suffering from bubonic plague."

#### *Immigration and emigration in Argentina.*

During the month of April, 1905, there entered the ports of the Republic of Argentina 16,872 immigrants, and departed from the same ports 13,289; thus leaving as a gain in the population the number of 3,583.

#### *Cholera in Persia.*

A dispatch has been received from Teheran, Persia, stating that 3 deaths from Asiatic cholera had occurred in that city on the 12th instant.

#### *Mortality in the State of São Paulo.*

*São Paulo* (capital).—Population estimated at about 225,000. Week ended April 30, 1905. Total deaths 84, not including 7 stillbirths. Causes of death: Whooping cough, 1; malarial fever, 1; tuberculosis, 3; cancer, 2; diseases of the nervous system, 11; of the circulatory system, 7; of the respiratory system, 8; of the digestive system, 23; of the urinary system, 2; congenital debility, 5; senile debility, 2; violence, 4, and diseases badly defined, 8. Natives, 68; foreigners, 16. Daily average number of deaths, 12.

Week ended May 7, 1905: Total deaths, 93, not including 14 stillbirths. Causes of death: Bubonic plague, 1; measles, 1; grippe, 1; enteric fever, 1; dysentery, 1; malarial fevers, 2; tuberculosis, 2; septicæmia, 1; anchylostomiasis, 2; general diseases, 2; diseases of the nervous system, 9; of the circulatory system, 10; of the respiratory system, 13; of the digestive system, 20; of the urinary system, 1; of the skin, 3; congenital debility, 6; violence, 1, and diseases badly defined, 1. Daily average of deaths, 13.2. Natives, 68; foreigners, 25.

*Santos*.—Week ended April 30, 1905. Total deaths, 31, not including 3 stillbirths. Causes of death: Tuberculosis, 1; cancer, 1; general diseases, 1; diseases of the nervous system, 3; of the circulatory system, 3; of the respiratory system, 3, of the digestive system, 10; accidents during puerperal state, 1; disease of the skin, 1; congenital debility, 2, and diseases badly defined, 3. Natives, 24; foreigners, 6. Daily average of deaths, 4.42.

*Campinas*.—Week ended April 30, 1905. Total deaths, 24; no stillbirths. Causes of death: Tuberculosis, 3; septicæmia, 1; syphilis,

1; diseases of the nervous system, 1; of the circulatory system, 5; of the respiratory system, 3; of the digestive system, 3; of the urinary system, 1; congenital debility, 1; violence, 4; diseases badly defined, none; poisoning, 1. Natives, 17; foreigners, 7. Daily average of deaths, 3.41.

*Mortality of Rio de Janeiro for the week ended May 14, 1905.*

During the week ended on the above-named date there were in all 281 deaths. Of this number 18 were caused by yellow fever, with 42 new cases reported, of which number 29 were confirmed before the issuance of the report. Nine of the deaths occurred in the hospital São Sebastião, and the remainder in 6 of the city districts. At the close of the week there were 41 cases in the hospital and 3 other cases under observation.

This report does not seem so favorable as the last one, and it is very difficult, indeed impossible, to predict the future from the information at hand.

Variola caused only 3 deaths with 8 new cases, and at the end of the week there were 24 cases in the hospital São Sebastião.

There were no cases and no deaths from bubonic plague, and there is but 1 case remaining in the hospital, convalescent.

There have been no cases of plague in this city for 3 weeks, and there has been only 1 death during that period.

Other causes of death were: Measles, 1; whooping cough, 1; grippe, 11; enteric fever, 1; beriberi, 1; erysipelas, 1; malarial fevers, 2; tuberculosis, pulmonary form, 58; other forms 3; septicæmia, 1; cancer, 2; diseases of the nervous system, 25; of the circulatory system, 41; of the respiratory system, 37; of the digestive system, 40; of the urinary system, 10; puerperal septicæmia, 2; diseases of the skin, 1; congenital debility, 9; senile debility, 5; violence, 7; and suicide, 1.

By localities: In houses, homes, hotels, etc., 187; in civil hospitals, 27; in military hospitals, 3; in Santa Casa de Misericórdia, 56; in asylums, convents, etc., 5; in localities unknown, 3.

Natives, 201; foreigners, 78; and nationality unknown, 2. All yellow fever deaths this week were among foreigners.

Daily average of deaths, 40.14; same for the preceding week, 36.14; and for the corresponding week of 1904, 49.85.

Rate per each 1,000 of the population, estimated at 905,000, 16.19.

Highest range of the thermometer, centigrade, 27°; lowest, 17.3°; average for the week, 21.29°. Total rainfall for the week, 5.16 mm.

*Recurrence of yellow fever at Rio de Janeiro following on commencement of harbor works—Mortality among fish in bay.*

The following report from Consul-General Seeger, dated May 20, has been transmitted to this Bureau from the Department of State:

Yellow fever, which has prevailed in this port for many years, had been almost completely eradicated, when recently the following coincidences were observed in the Rio port: Commencement of dredging in an infected part of the harbor for the new harbor works; great mortality among the fish of the bay; recurrence of the yellow fever in an epidemic form, and this in the winter season.

During the construction of the harbor works in Santos the same conditions were observed, viz, great mortality among the fish and an alarming increase in the number of yellow fever cases.

The question naturally arises, Has the alarmingly bad sanitary condition of the fish, which are so largely consumed by a harbor population, any direct bearing on the increase of yellow fever; or are the fish victims of the same conditions that produce the yellow fever epidemic?

#### BRITISH HONDURAS.

##### *Report from Belize, fruit port—Yellow fever.*

Acting Assistant Surgeon Carson reports as follows: Week ended June 8, 1905. Present officially estimated population, 8,500; number of deaths, 10, including 1 from yellow fever; prevailing disease, malarial fever; general sanitary condition of this port and the surrounding country during the week, infected.

Bills of health were issued to the following-named vessels:

Date.	Vessel.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
June 2	Salybia .....	38	28	3	5
2	Olympia .....	41	0	2	0
3	Belize .....	18	0	0	0
8	Magician .....	38	0	1	0

#### COSTA RICA.

##### *Reports from Limon, fruit port—Sanitary improvements.*

Acting Assistant Surgeon Goodman reports as follows: Week ended June 3, 1905. Estimated population, 4,000; number of deaths, 7; prevailing diseases, malarial fever and dysentery; general sanitary condition of this port and the surrounding country during the week, good.

By order of the health officer of the port, numerous drains have been constructed from back yards into the cemented street gutters; many sidewalks, formerly of dirt and necessarily with puddles of water, have been replaced by cement pavements. This is in the line of sanitation, as lessening the number of places for ovipositing by the mosquito.

Bills of health were issued to the following-named vessels:

Date.	Vessel.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
May 28	Limon .....	43	2	0	0
29	Sarnia .....	53	19	2	0
31	Origen .....	23	0	0	0
31	Venus .....	38	0	0	0
June 1	Miami .....	46	3	0	0
2	Taunton .....	24	1	0	0

Two bills of health for Panaman ports were viséed.

Week ended June 10, 1905. Number of deaths, 4; prevailing disease, malarial fever; general sanitary condition of this port and the surrounding country during the week good.

Bills of health were issued to the following-named vessels:

Date.	Vessel.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
June 4	San José.....	42	2	0	0
5	Alleghany.....	46	13	5	0
6	Katie.....	24	1	0	0
7	Hispania.....	21	0	0	0
7	Alps.....	25	0	0	0
7	Montevideo.....	127	43	104	0
8	Pacuare.....	50	8	0	0
9	Mt. Vernon.....	21	0	0	0
10	Ellis.....	33	3	0	0

Three bills of health for Panaman ports were viséed.

#### CUBA.

##### *Report from Cienfuegos—Inspection of vessels.*

Acting Assistant Surgeon McMahon reports, June 13, as follows:

During the week ended June 10, 1905, 5 vessels, with a total crew of 139, no passengers, were inspected, and bills of health were issued to ports in the United States.

All of these vessels were in good sanitary condition; no sickness aboard of any of them.

##### *Report from Habana—Inspection of vessels.*

Surgeon Wertenbaker reports, June 12, as follows:

*Week ended June 10, 1905.*

Vessels inspected and bills of health issued .....	21
Crew of outgoing vessels inspected .....	899
Passengers of outgoing vessels inspected .....	972

No quarantinable diseases have been reported in the city or island during the week.

##### *Report from Matanzas—Inspection of vessels—Precautionary detention of steamship Almerian—Diphtheria and scarlet fever.*

Acting Assistant Surgeon Nuñez reports, June 13, as follows:

During the week ended June 10, 1905, bills of health were issued to 6 vessels bound to the United States.

Precautionary detention in quarantine while in port was observed with the British steamship *Almerian*, which arrived here June 4, on her way from Liverpool to New Orleans via Barbados, Trinidad, Puerto Cabello, Curaçao, Barranquilla, Cartagena, and Habana. She cleared for her port of destination via Caibarien, Cuba, on June 8, with no sickness on board.

Two cases of scarlet fever and 1 of diphtheria were officially reported in the city during the past week. The reports on the epidemic of measles have been discontinued; therefore it is no longer possible to ascertain the number of cases prevailing at present or in the future.

No quarantinable diseases have been reported during the week within this district.

*Reports from Santiago—Inspection of vessels—Precautionary detention of steamship Straits of Dover.*

Acting Assistant Surgeon Wilson reports, June 9 and 13, as follows: During the week ended June 3, 1905, bills of health were issued to 5 vessels bound for the United States.

No quarantinable disease has been reported.

During the week ended June 10, 1905, bills of health were issued to 2 vessels bound for the United States.

No quarantinable disease has been reported.

The British steamship *Straits of Dover*, which arrived June 5 from Colon, was kept in quarantine to complete the five days of observation. There was no sickness on board. The steamer left June 9 for Philadelphia.

ECUADOR.

*Report from Guayaquil—Mortality—Yellow fever—Inspection of vessel.*

Acting Assistant Surgeon Gruver reports, May 25, as follows:

Week ended May 23, 1905. Present officially estimated population, 60,000. Mortality from all causes 68, as follows: Biliious fever, 1; cerebral fever, 1; gastric fever, 1; infectious fever, 2; paludic fever, 4; pernicious fever, 10; yellow fever, 2; enteric diseases, 13; grippe, 1; tetanus, 4; tuberculosis, 7; whooping cough, 3; stillbirths, 4; cause unknown, 1; from all other causes, 14.

On May 22 steamship *Tucapel*, from Chilean and Peruvian ports, cleared for Ancon, Canal Zone. One passenger from Callao was put in quarantine. Five cabin and 13 steerage passengers sailed from here. Vessel was fumigated.

GERMANY.

*Report from Berlin—Plague in South Africa and Australia.*

Consul-General Mason reports, June 3, as follows:

*Egypt.*—During the period from May 13 to 20 there were registered 2 plague cases in Damanhur.

*British South Africa.*—Cape Colony: During the period from April 16 to 29 there were registered in King Williams Town 5 cases of plague, and in East London 8 cases.

*Queensland.*—During the period from April 1 to 15 a fresh case of plague occurred.

*New South Wales.*—During the period from April 7 to 10 there occurred 4 fresh cases of plague in Sydney.

*Death rate of Berlin and other cities.*

The death rate of Berlin for the week ended May 20 was lower than that of the preceding week, amounting, calculated on the year, to 16.5 per thousand of the population, thus being, however, higher than the

rate for the same week of last year, in which it amounted to only 14.8 per thousand. Of the large German towns and cities, more than a third showed less favorable health conditions than Berlin, including Munich, Nuremberg, Carlsruhe, Frankfort-on-the-Main, Magdeburg, Breslau, Konigsberg, Rixdorf (with 18.6). On the other hand, the following cities showed more favorable health conditions than Berlin, namely: Hamburg, Stuttgart, Cologne, Dusseldorf, Brunswick, Hanover, Charlottenburg (with 13.3), and Schoneberg (with 11.1). The rate of mortality in London was also lower than the Berlin figure, that of Paris and Vienna being higher than the rate of this city. The infant death rate, amounting to 4.1 per year and mille, was higher than the Hamburg rate, but lower than the Munich and Leipzig figure. There were registered 123 deaths from phthisis pulmonalis, 122 deaths from acute diseases of the respiratory organs, 41 deaths from cancer, 16 deaths from scarlet fever, 7 deaths from measles, 3 deaths from diphtheria, and 3 deaths from influenza. Finally, 18 persons died by violence.

#### GUATEMALA.

##### *Report from Livingston, fruit port.*

Acting Assistant Surgeon Peters reports as follows: Week ended June 3, 1905. Present officially estimated population, 3,500; no deaths reported; prevailing diseases malarial; general sanitary condition of this port and the surrounding country during the week, good.

Bills of health were issued to the following-named vessels:

Date.	Vessel.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
May 30	Olympia.....	41			
June 1	Belize.....	18			

The steamer *Olympia* cleared from Puerto Barrios.

#### HAWAII.

##### *Death from plague at Waipahu.*

HONOLULU, June 21, 1905.

WYMAN, *Washington*:

There was a death from plague at Waipahu near Honolulu on June 20.

COFER.

#### HONDURAS.

##### *Report from Ceiba, fruit port.*

Acting Assistant Surgeon Robertson reports as follows: Week ended June 10, 1905. Present officially estimated population, about 4,000; one death; prevailing diseases, malarial, mostly mild type, but a few severe cases; general sanitary condition of this port and the surrounding country during the week, good.

Bills of health were issued to the following-named vessels:

Date.	Vessel.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
June 5	Jamaica .....	16	0	0	0
6	Jos. Vaccaro.....	29	0	0	0
8	Condor .....	17	1	0	0
9	Bratten.....	16	0	0	0

*Report from Puerto Cortez, fruit port—Yellow fever.*

Acting Assistant Surgeon Carter reports as follows: Week ended June 1, 1905. Present officially estimated population, 4,000; 4 deaths, including 3 from yellow fever; prevailing diseases, yellow fever and malarial fever in all types; general sanitary condition of this port and the surrounding country during the week, infected.

Bills of health were issued to the following-named vessels:

Date.	Vessel.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage inspected.
May 29	Hiram.....	14	29	0	45
June 1	Olympia.....	41	0	2	0

Number of aliens sailing from this port during week, 9.

*Yellow-fever cases and deaths—Sanitary measures—Fumigation of vessels.*

JUNE 6, 1905.

I have to report another death from yellow fever, making 4 deaths in all since the first case was reported. The situation up to date is 8 cases and 4 deaths. Of the 4 cases on hand 3 are discharged and 1 is convalescent. The last death reported was that of a native girl. She was treated by the Government surgeon, who reported the case and death as of yellow fever. The cleaning and oiling are continued and 3 doctors are making a house-to-house inspection. All steamers coming to this port from Mobile and New Orleans are carrying marine medical inspectors. Steamers are being disinfected under my supervision, temperatures of all on board being taken before sailing, and as far as possible every precaution is taken.

INDIA.

*Report from Calcutta—Inspection of vessel—Mortality from cholera and plague—Measures for rat extermination recommended for Bengal.*

Acting Assistant Surgeon Eakins reports, May 18, as follows:

During the week ended May 13, 1905, bill of health was issued to the steamship *Gordon Castle*, bound for Boston and New York with a total crew of 41. The usual precautions were taken, holds fumigated, and rat guards placed on wharf lines.



During the week ended May 13, 1905, there were 31 deaths from cholera and 324 from plague in Calcutta.

In Bengal during the week ended May 6, 1905, there were 2,641 cases of and 2,435 deaths from plague.

*Measures for rat extermination recommended for Bengal.*

The Bengal Chamber of Commerce has written to the government of Bengal relative to the extermination of rats as a preventive measure against plague. In its letter it calls attention to the good results following crusades against rats and intimates that any measures adopted by the government toward the extermination of rats would meet with strong support. It suggests that to be of real service in preventing plague epidemics any efforts made against rats should be widespread and cover every district of the city and should be persisted in throughout the year and not confined to times when plague is prevalent. In closing the letter reference was made to the measures adopted at Giridih and their attendant success.

ITALY.

*Report from Naples—Inspection of vessels—Rejections recommended—Infectious diseases in Italy.*

Passed Assistant Surgeon McLaughlin reports, June 5, as follows: During the week ended June 3, 1905, the following ships were inspected at Naples:

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of large baggage inspected and passed.	Pieces of baggage disinfected.
June 1	Baionne .....	Philadelphia .....			
1	Roma .....	New York .....	1,263	150	1,450
1	Città di Milano .....	do .....	1,461	110	1,650
2	König Albert .....	do .....	1,496	200	1,750
3	Italia .....	do .....	963	70	980

*Rejections recommended.*

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Suspected favus.	Other causes.	Total.
June 1	Baionne .....						
1	Roma .....	42	5	53		3	103
1	Città di Milano .....	38	1	19	2	11	71
2	König Albert .....	29	5	30	1	7	72
3	Italia .....	38	3	33	3	6	83
		147	14	135	6	27	329

*Infectious diseases in Italy.*

For the week ended May 25, 1905, the following reports were officially registered:

*Smallpox.*—There were reported 9 cases in 5 communes of the Province of Lecce, 3 cases in the Province of Palermo, 44 cases at Catania. Cases were reported, too, in the Provinces of Chieti and Avellino.

*Measles.*—The malady is epidemic at Pitoniano and San Vito (Rome), at Cesena (Forli), at Palmoli (Chieti), and Latiano (Lecce). In the last-named commune there were reported 800 cases.

*Enteric fever.*—Few cases.

*Epidemic cerebro-spinal meningitis.*—Cases were reported in the Provinces of Cosenza, Avellino, Rome, Catania, and Lecce.

The number of cases of infectious diseases in Italy for the month of January, 1905, was as follows: Measles, 13,351; scarlatina, 1,089; smallpox, 657; enteric fever, 1,385; diphtheria, 2,105; puerperal fever, 288; pulmonary tuberculosis, 499; pellagra, 280; hydrophobia, 2; anthrax, 114, and glanders, 2.

#### MEXICO.

#### *Reports from Progreso—Inspection and fumigation of vessels—Weather conditions.*

Acting Assistant Surgeon Harrison reports, June 2, as follows:

During the week ended June 2, 1905, no quarantinable disease was reported in Progreso or Merida; deaths from other causes not learned, but will be reported next week; weather remains warm and dry, but tempered by almost constant sea breeze and occasional rains.

The following-named vessels have been dispatched:

May 28, steamship *Vigilancia*, New York, via Habana, crew 79, passengers from Progreso 54 (to New York 13); steamship *Progreso*, Texas City, crew 25, was fumigated. May 30, steamship *Floridian*, New Orleans, crew 42, passengers in transit to Europe 5, was fumigated. May 31, steamship *Acworth*, New York, crew 23.

Period from May 27 to June 9. No quarantinable disease has been reported here or in Merida. In Progreso there have been 11 deaths from the following causes: Athrepsia, 1; railway accident, 1; dysentery, 3; malarial fever, 1; tuberculosis (intestinal), 1; worms, 1; dentition, 1; paralysis, 1.

Mosquitoes are not numerous or annoying and are seldom seen aboard ship here, even at wharf.

Ships cleared: June 3, steamship *Sahara*, New Orleans; crew, 31; was fumigated and sealed. June 4, steamship *Havan*, New York via Habana; crew, 100; passengers from Progreso, 67 (to New York 35). June 8, steamship *Helvetia*, New Orleans; crew, 35; was fumigated and sealed. June 9, steamship *Tjomo*, New York via Campeche; crew, 18.

#### *Report from Tampico—Inspection and fumigation of vessels—Mortuary statistics.*

Acting Assistant Surgeon Frick reports, June 12, as follows:

Week ended June 10, 1905. Inspected and passed, 3 steamships; personnel (crews), 125; passengers, 3. Fumigated and passed, steamships, 1.

#### *Mortuary report.*

Remittent fever, 1; nephritis, 1; alcoholism, 1; diarrheal-enteritis, 1; railroad accident, 1; pneumonia, 3; pulmonary tuberculosis, 2; military tuberculosis, 1; intestinal tuberculosis, 1; ulcerative stomatitis, 1;

meningitis, 1; infantile diarrhea, 1; syphilis, 1; dysentery, 1; gangrene of the face, 1. Total number of deaths, 18. Estimated population, 20,000. Mortality rate, 46.80. No quarantinable disease reported during the week. The sanitary situation continues about the same as reported last week.

#### NICARAGUA.

*Report from Bluefields—No precautions yet taken against importation of yellow fever from British and Spanish Honduras.*

Acting Assistant Surgeon Layton reports, June 6, as follows:

The governor of this department (of the entire east coast of Nicaragua) has been petitioned to proclaim quarantine against both British and Spanish Honduras. So far this request has not been granted.

#### PANAMA.

*Reports from Colon—Inspection and fumigation of vessels—Yellow fever situation in Colon and Panama—Case removed from steamship Finance and vessel fumigated.*

Acting Assistant Surgeon Mohr reports, June 3, 4, and 12, as follows:

During the week ended June 3, 1905, the following-named vessels cleared for ports in the United States and were granted bills of health:

German steamship *Alene*, for New York, via Santa Marta, Colombia, May 29, with 61 crew and no passengers.

American steamship *Seguranca*, for New York, May 31, with 72 crew and 140 passengers.

British steamship *Straits of Dover*, for a port in the United States, via Santiago, Cuba, May 31, with 24 crew and no passengers.

British steamship *Beverly*, for New Orleans, via Bocas del Toro, May 31, with 43 crew and 1 passenger in transit.

British steamship *Rhoda*, for New York, via San Blas coast, June 1, with 8 crew and no passengers.

British steamship *Magician*, for New Orleans, via Mexican ports, June 2, with 40 crew and no passengers.

The British steamship *Beverly*, bound for New Orleans, was fumigated in all the living compartments, as per the inclosed certificate.

The British steamship *Straits of Dover*, bound for Santiago, Cuba, was fumigated in all the living compartments by the Isthmian quarantine service.

Week ended June 10, 1905:

Norwegian steamship *Saphir*, for New Orleans, June 3, with 19 crew and no passengers.

American steamship *Advance*, for New York, June 4, with 63 crew and 103 passengers.

British steamship *Santona*, for a port in the United States, via Daiquiri, Cuba, with 27 crew and no passengers.

Norwegian steamship *Belvernon*, for Mobile, via Bocas del Toro, June 5, with 22 crew and no passengers.

American schooner *Oscar G.*, for Pascagoula, June 6, with 7 crew and no passengers.

Norwegian steamship *Preston*, for New Orleans, via Bocas del Toro, with 34 crew and 5 passengers.

British steamship *Antillian*, for New Orleans, via Jamaican and Mexican ports, June 7, with 74 crew and no passengers.

American steamship *Allianca*, for New York, June 8, with 64 crew and 23 passengers.

British steamship *Wanderer*, for New Orleans, via Mexican ports, with 39 crew and no passengers, June 10.

The steamships *Saphir*, *Belvernon*, and *Preston*, bound for New Orleans, were fumigated in their living quarters prior to sailing. The steamship *Santona*, bound for Daiquiri, Cuba, was fumigated by the quarantine officer of Colon.

*Yellow-fever situation.*

JUNE 4, 1905.

Since my report of May 30, 1905, 10 new cases of yellow fever have occurred on the Isthmus, as follows: Panama, 4 (2 Americans, 1 Peruvian, 1 Spaniard); Colon, 6 (all Americans).

JUNE 12, 1905.

The sanitary condition of Colon and Panama shows no improvement during the past week. Since my report of the 4th instant 4 new cases have been admitted to the hospitals in Panama (2 Americans, 2 Italians).

Two deaths from yellow fever have occurred in Panama during the week.

In Colon 4 cases (3 Americans, 1 Ecuadorian):

One death from yellow fever occurred in Colon during the week.

The case reported on the 11th was removed from the steamship *Finance*, to sail for New York on the 12th instant. The patient was a passenger from the Pacific coast and was just five days out from Corinto, Nicaragua, when he landed and passed quarantine at Panama. He came directly from the ship at Panama to the ship at Colon, arriving here in the afternoon of the 9th, and was taken sick during the night of the 9th. He was removed to the Colon hospital on the 10th, and on the following day pronounced to be a case of yellow fever. The after part of the ship, to which the case had been confined, was immediately fumigated under the supervision of the quarantine officer of Colon and myself.

*Yellow fever in Panama increasing.*

[Received at Bureau over telephone from Department of State of June 17, 1905.]

PANAMA, June 16.

SECRETARY STATE, Washington.

Yellow fever, 24 cases; 6 deaths; 15 days; increasing.

LEE, Consul-General.

*Report from Bocas del Toro, fruit port.*

Acting Assistant Surgeon Osterhout reports as follows: Week ended June 3, 1905. Present officially estimated population not obtainable; 2 deaths; prevailing disease, malarial fever; general sanitary condition of this port and the surrounding country during the week, good.

Bills of health were issued to the following-named vessels:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage.
May 27	J. B. Camors .....	Colon.....		4	0	(a)
27	Ellis.....	New Orleans.....	34	3	0	6
30	Herald.....	Colon.....		3	0	(a)
31	Bound Brook.....	Mobile.....	33	1	0	15
June 1	Fort Gaines.....	do.....	21	0	0	0
2	Beverly.....	New Orleans.....	43	1	0	3

a Not inspected.

#### PERU.

*Reports from Callao—Vaccination of emigrants for the Canal Zone.*

Assistant Surgeon Lloyd reports, May 6 and 22, as follows:

During the month of April, 1905, 12 certificates of vaccination were issued to passengers going to ports in the United States and Panama.

*Smallpox on steamships Guatemala and Mexico from Chilean ports.*

MAY 22, 1905.

The British steamship *Guatemala* arrived at this port this morning, en route to Panama, with a case of smallpox on board (crew). The steamship *Mexico* arrived yesterday, coastwise, with smallpox on board. Both of these vessels were from Chilean ports.

#### PHILIPPINE ISLANDS.

*Report from Manila—Plague at Manila and Cebu—Inspection and fumigation of vessels.*

Chief Quarantine Officer Heiser reports, May 15, as follows:

During the week ended May 6, 1905, quarantinable disease was reported as follows: Manila, plague, 2 cases, 1 death. Cebu, plague, 2 cases, 2 deaths.

The following-named vessels cleared for ports in the United States or its dependencies:

On May 1, 1905, the British steamship *Indrani*, with 57 crew, en route from Yokohama to New York, via Iloilo, was granted a supplemental bill of health. Final inspection to be made at Iloilo.

On May 1, 1905, the British steamship *Taming*, en route from Hongkong to Cebu, was granted a supplemental bill of health. The vessel carried 69 crew and 40 passengers.

During the week ended May 13, 1905, quarantinable disease was reported as occurring in the city of Manila, as follows: Plague, 1 case, 1 death.

The following-named vessels cleared for ports in the United States or its dependencies:

On May 8, 1905, the U. S. army transport *Dix* cleared for Seattle, Wash., with 132 crew and 5 passengers. All on board were inspected at the hour of sailing.

On May 8, 1905, the British steamship *Oakburn*, with 32 crew, cleared for Boston and New York, via Iloilo. Vessel was fumigated throughout while in port. Final inspection will be made at Iloilo.

On May 12, 1905, the British steamship *Kaifong*, en route from Hongkong to Iloilo and Cebu, was granted a supplemental bill of health. Crew, 66; passengers, cabin, 20, steerage, 24.

On May 13, 1905, the American steamship *Hyades* cleared for Tacoma, via Hongkong and Japan ports, with 48 crew and 3 passengers. All closed spaces of the vessel, except hold No. 3 and cabins, were fumigated with sulphur while in port; 1,943 pieces cargo certified. Persons on board were inspected at the hour of sailing.

*Quarantine transactions of the Service in the Philippine Islands during the month of March, 1905, as follows:*

PORT OF MANILA.

Bills of health issued:	
To steamers for—	
United States ports .....	7
Foreign ports .....	40
Domestic ports .....	188
To sailing vessels for—	
United States ports .....	1
Foreign ports .....	0
Domestic ports .....	151
Total .....	<u>387</u>
Vessels inspected:	
Steamers from—	
United States ports .....	5
Foreign ports .....	36
Domestic ports .....	183
Sailing vessels from—	
United States ports .....	0
Foreign ports .....	1
Domestic ports .....	124
Total .....	<u>349</u>
Passengers on arriving boats inspected:	
On steamers—	
Cabin .....	1,564
Steerage .....	8,547
On sailing vessels—	
Cabin .....	2
Steerage .....	455
Total .....	<u>10,568</u>
Persons vaccinated:	
On steamers—	
Crew .....	397
Passengers .....	46
On sailing vessels—	
Crew .....	400
Passengers .....	9
Total .....	<u>852</u>
Crew on arriving steamers inspected .....	8,974
Crew on arriving sailing vessels inspected .....	1,264
Persons quarantined for observation, suspects, and contacts .....	90

Persons bathed and effects disinfected .....	1,565
Persons remaining in quarantine from February .....	754
Persons remaining in quarantine March 31 .....	28
Vessels remaining in quarantine from February .....	1
Vessels in quarantine .....	3
Vessels remaining in quarantine March 31 .....	1
Steamers disinfected .....	3
Sailing vessels disinfected .....	1
Steamers partially disinfected .....	3
Steamers fumigated to exterminate vermin .....	22
Sailing vessels fumigated to exterminate vermin .....	13
Cases of quarantinable diseases detected on vessels (smallpox) .....	1
Pieces of baggage disinfected on steamers .....	4,600
Pieces of baggage disinfected on sailing vessels .....	81
Pieces of baggage inspected and passed .....	0

## (Outgoing.)

Vessels remaining in quarantine from January .....	0
Steamers sailing without quarantine inspected and passed .....	7
Sailing vessels sailing without quarantine inspected and passed .....	1
Steamers disinfected .....	6
Sailing vessels disinfected .....	1
Crew on steamers inspected .....	806
Crew on sailing vessels inspected .....	19
Passengers on steamers inspected .....	1,368
Passengers on sailing vessels inspected .....	2
Crew bathed and effects disinfected .....	340
Passengers bathed and effects disinfected .....	986
Persons vaccinated .....	34
Pieces of baggage disinfected .....	2,730
Pieces of baggage inspected and passed .....	3,827
Pieces of cargo certified .....	8,602

## PORT OF ILOILO.

## Bills of health issued:

## To steamers for—

United States ports .....	2
Foreign ports .....	5
Domestic ports .....	63

## To sailing vessels for—

United States ports .....	0
Foreign ports .....	0
Domestic ports .....	83

Total .....

153

## Vessels inspected:

## Steamers from—

United States ports .....	0
Foreign ports .....	9
Domestic ports .....	72

## Sailing vessels from—

United States ports .....	0
Foreign ports .....	0
Domestic ports .....	85

Total .....

166

## Passengers on arriving boats inspected:

## On steamers—

Cabin .....	297
Steerage .....	1,318

## On sailing vessels—

Cabin .....	0
Steerage .....	143

Total .....

1,758

Crew on arriving steamers inspected .....	2,353
Crew on arriving sailing vessels inspected .....	849
Persons vaccinated .....	645
Persons bathed and effects disinfected .....	0
Persons remaining in quarantine from February .....	0
Persons detained in quarantine .....	0
Persons remaining in quarantine March 31 .....	0
Cases of quarantinable diseases detected on vessels .....	0
Vessels disinfected .....	0
Vessels fumigated to exterminate vermin .....	3
Sailing vessels fumigated to exterminate vermin .....	1
Vessels remaining in quarantine from February .....	0
Vessels entering quarantine .....	0
Vessels remaining in quarantine March 31 .....	0

PORT OF CEBU.

Bills of health issued:

To steamers for—

United States ports .....	0
Foreign ports .....	5
Domestic ports .....	120

To sailing vessels for—

United States ports .....	0
Foreign ports .....	0
Domestic ports .....	31

    Total .....

156

Vessels inspected:

    Steamers from—

United States ports .....	0
Foreign ports .....	7
Domestic ports .....	128

    Sailing vessels from—

United States ports .....	0
Foreign ports .....	0
Domestic ports .....	486

    Total .....

621

Passengers on arriving boats inspected:

    On steamers—

Cabin .....	263
Steerage .....	1,218

    On sailing vessels—

Cabin .....	0
Steerage .....	1,042

    Total .....

2,523

Crew on arriving steamers inspected .....	4,184
Crew on arriving sailing vessels inspected .....	3,259
Persons bathed and effects disinfected .....	0
Persons detained in quarantine .....	0
Persons vaccinated .....	0
Vessels disinfected .....	0
Steamers fumigated to exterminate vermin .....	1
Sailing vessel fumigated to exterminate vermin .....	1
Vessels entering quarantine during the month .....	0
Vessels remaining in quarantine March 31 .....	0
Cases of quarantinable diseases detected on vessels .....	0

PORT OF ZAMBOANGA.

Steamers from foreign ports inspected .....

3



## Passengers on arriving boats inspected:

On steamers—	
Cabin .....	3
Steerage .....	4
Total .....	<u>7</u>
Crew on arriving steamers inspected .....	125
Vessels in quarantine .....	<u>0</u>

## PORT OF JOLO.

Vessels inspected .....	0
Passengers on arriving boats inspected .....	0
Crew on arriving vessels inspected .....	0
Vessels in quarantine .....	<u>0</u>

## PORTO RICO.

*Report from Ponce—Transactions of service, May, 1905.*

## Acting Assistant Surgeon Torres reports, June 1, as follows:

*Summary of transactions of service for the month of May, 1905.*

Vessels inspected .....	12
Bills of health issued .....	24
Passengers inspected:	
Incoming .....	93
In transit .....	606
Crew inspected .....	551
Vessels in quarantine .....	2
Immigrants inspected .....	25
Rejections .....	0
Passengers detained in quarantine .....	0

## WEST INDIES.

*Report from Barbados—Inspection of vessels—Legislative bill for creating uniform quarantine measures for the British West Indies—Case of smallpox discharged, cured—Death from beriberi on steamship Benjamin Constant—Vaccination of emigrants for the Canal Zone.*

## Assistant Surgeon Ward reports, June 7, as follows:

During the week ended June 3, 1905, bills of health were issued to 3 steamships and 2 sailing vessels with 194 crew, 27 cabin and 15 steerage passengers. Of this number I inspected 2 steamships, 59 crew, 16 cabin and 15 steerage passengers. There were 11 crew, 23 cabin and 15 steerage passengers taken on at this port for ports in the United States.

The quarantine bill which has been before the legislature of Barbados for several months has just been passed. This bill makes provision for giving effect to the recommendations made by a conference of the several British West Indian colonies which was held in 1904 to consider the question of quarantine in those colonies, and the substitution for the existing systems of uniform precautionary measures of a different nature. If this act is not disallowed by the Imperial Govern-

ment it will come into operation upon such day as the governor of this island shall notify the people by proclamation.

The case of smallpox found in Bridgetown, Barbados, May 9, and isolated at the Pelican Island quarantine station, was discharged as cured the 1st instant. None of the contacts on this island developed the disease.

The Brazilian training ship *Benjamin Constant*, which arrived at this port May 27, with the body of an officer who had died of smallpox that morning, will leave Barbados on the 10th instant for Norfolk, Va. All precautions have been taken to prevent the spread of this disease on board, and up to the date of this report no cases have been reported. Yesterday afternoon, the 6th instant, a young seaman, who had been suffering from the wet form of beriberi, died suddenly while taking exercise on the deck.

The quarantine authorities of this port have received a report from Grenada, dated June 1, which says that a case of smallpox occurred in the original infected district (St. Andrew parish) on the 23d ultimo, and that on the 28th ultimo a case was discovered in the adjoining parish of St. John and isolated, with its contacts. No other cases have been found so far in that parish.

The general sanitary condition of Barbados is good; no quarantinable diseases have been reported.

*Certificates of vaccination of emigrants for the Canal Zone.*

Date.	Vessel.	Number vaccinated.	Number recently successfully vaccinated	Total for steamship.	Total for month.
May 8	Trent.....	34	25	59	.....
22	Orinoco.....	74	33	107	166

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

**AUSTRALIA**—*New South Wales*—*New Castle*.—Month of April, 1905. Estimated population, 50,570. Total number of deaths, 52, including diphtheria 1, enteric fever 1, plague 2, and 4 from tuberculosis.

**BAHAMAS**—*Dunmore Town*.—Two weeks ended May 26, 1905. Estimated population, 1,232. No deaths and no contagious diseases.

*Green Turtle Cay*—*Abaco*.—Two weeks ended June 1, 1905. Estimated population, 3,314. No deaths and no contagious diseases reported.

*Nassau*.—Two weeks ended June 3, 1905. Estimated population, 12,650. Number of deaths not reported. No contagious diseases reported.

**BRAZIL**—*Pernambuco*.—Two weeks ended April 30, 1905. Estimated population, 200,000. Total number of deaths, 508, including measles 2, whooping cough 1, smallpox 200, and 47 from tuberculosis.

FRANCE—*Roubaix*.—Month of May, 1905. Estimated population, 124,660. Total number of deaths, 161, including enteric fever 3, scarlet fever 1, and 2 from whooping cough.

*Rouen*.—Month of April, 1905. Estimated population,\* 116,316. Total number of deaths, 233, including enteric fever 2, whooping cough 2, and 58 from tuberculosis.

GIBRALTAR.—Two weeks ended May 27, 1905. Estimated population, 27,460. Total number of deaths, 16. No deaths from contagious diseases.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 76 great towns in England and Wales during the week ended May 27, 1905, correspond to an annual rate of 14.6 per 1,000 of the aggregate population, which is estimated at 15,609,377.

*London*.—One thousand three hundred and eleven deaths were registered during the week, including measles 44, scarlet fever 4, diphtheria 6, whooping cough 50, enteric fever 5, and 16 from diarrhea. The deaths from all causes correspond to an annual rate of 14.5 per 1,000. In Greater London 1,742 deaths were registered. In the "outer ring" the deaths included 4 from diphtheria, 2 from measles, 2 from scarlet fever, 6 from whooping cough, and 5 from diarrhea.

*Ireland*.—The average annual death rate represented by the deaths registered during the week ended May 27, 1905, in the 21 principal town districts of Ireland was 19 per 1,000 of the population, which is estimated at 1,093,959. The lowest rate was recorded in Limerick, viz, 9.6, and the highest in Sligo, viz, 48, per 1,000. In Dublin and suburbs 143 deaths were registered, including diphtheria 1, enteric fever 1, measles 1, whooping cough 1, and 41 from tuberculosis.

*Scotland*.—The deaths registered in 8 principal towns during the week ended May 27, 1905, correspond to an annual rate of 18.1 per 1,000 of the population, which is estimated at 1,749,917. The lowest rate of mortality was recorded in Leith, viz, 15.4, and the highest in Perth, viz, 21.3 per 1,000. The aggregate number of deaths registered from all causes was 606, including diphtheria 7, measles 30, scarlet fever 3, and 24 from whooping cough.

JAMAICA—*Port Antonio*.—Two weeks ended June 3, 1905. Estimated population not reported. No deaths reported.

MALTA.—Three weeks ended May 20, 1905. Estimated population, 202,134. Total number of deaths, 92, including diphtheria 3, and 3 from enteric fever.

SPAIN—*Barcelona*.—Ten days ended May 31, 1905. Estimated population, 600,000. Total number of deaths, 372, including diphtheria 1, enteric fever 7, measles 14, whooping cough 3, smallpox 3, and 38 from tuberculosis.

*Seville*.—Month of April, 1905. Estimated population, 148,315.

Total number of deaths, 475, including enteric fever 4, measles 6, scarlet fever 1, whooping cough 2, and 48 from tuberculosis.

WEST INDIES—*Curaçao*.—Two weeks ended June 2, 1905. Estimated population, 31,600. Total number of deaths, 10. No contagious diseases reported.

*St. Thomas*.—Two weeks ended May 26, 1905. Estimated population, 11,012. Total number of deaths, 20, including 1 from tuberculosis.

*Cholera, yellow fever, plague, and smallpox, December 31, 1904, to June 23, 1905.*

[Reports received by the Surgeon-General, Public Health and Marine-Hospital Service, from American consuls through the Department of State, and from other sources.]

[For reports received from June 25 to December 30, 1904, see PUBLIC HEALTH REPORTS for December 30, 1904.]

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

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Tientsin .....	Mar. 4-11 .....	1	1	
India:				
Bombay .....	Nov. 31-Mar. 28 .....		8	
Calcutta .....	Nov. 19-May 6 .....		1,569	
Madras Presidency .....	Mar. 6-May 12 .....	10	8	
Persia:				
Teheran .....	May 12 .....		3	
Russian Empire:				
Alexandropol District .....	Nov. 23-Dec. 7 .....	3		
Astrakhan Province .....	Nov. 23-Jan. 8 .....	9		
Etshniadsin District .....	Nov. 23-Dec. 7 .....	35	28	
Jelisaветpol District .....	Nov. 22-26 .....	32		
Kuba District .....	Nov. 21-Dec. 1 .....	20	14	
Nachitshevan District .....	Nov. 23-29 .....	213	152	
Nowobajazet District .....	Nov. 23-Dec. 7 .....	18	12	
Don Province .....	Feb. 5-17 .....	7	3	
Samara Province .....	Nov. 23-Dec. 21 .....	180		
Saratov Province .....	Nov. 23-Jan. 23 .....	78	35	
Zarizyn .....	May 2-12 .....	1	1	
Sharuro-Daralageski District .....	Nov. 23-Dec. 7 .....	725	618	
Uralsk .....	Nov. 1-Feb. 10 .....			Epidemic.
Trans-Caspian territory and Central Asia—				
Askabad .....	Dec. 8-May 4 .....	7		
Kaachka .....	Dec. 27 .....	1		
Serachs .....	Nov. 23-Dec. 14 .....	51	27	
Tashkent .....	Dec. 8-31 .....	29	19	
Trans-Caucasia—				
Baku .....	Nov. 14-Feb. 24 .....	416	318	
Batum .....	Dec. 1-7 .....	8		
Lenkoran .....	Dec. 8-28 .....	251	226	
Erivan .....	Dec. 1-Jan. 30 .....	1,057	695	
Tiflis .....	Nov. 23-29 .....	4		
Straits Settlements:				
Singapore .....	Dec. 11-17 .....		1	
Turkey (general) .....	Nov. 23-Jan. 28 .....	712	570	Jan. 1-Dec. 26, 1904: 10,466 cases; 9,192 deaths.
Bagdad .....	Nov. 20-28 .....	1	3	
Ravandouz .....	Nov. 20-Dec. 19 .....	220	196	
Van .....	Jan. 2-28 .....	131	62	

YELLOW FEVER.

Brazil:				
Para .....	Dec. 1-Apr. 17 .....		67	
Pernambuco .....	Nov. 1-Mar. 12 .....		2	
Rio de Janeiro .....	Nov. 7-May 28 .....	365	113	84 cases and 34 deaths reported from April 18 to May 2.
British Honduras:				
Belize .....	May 26-June 1 .....	4	4	
Cuba:				
Habana .....	Jan. 6 .....	3	2	From Austrian ss. Dora from La Guaira and Colon.
Ecuador:				
Guayaquil .....	Jan. 1-May 23 .....		55	

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

## YELLOW FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Guatemala:</b>				
Livingston .....	June 10 .....	1		
<b>Honduras:</b>				
Puerto Cortez .....	May 25-June 6...	8	4	
<b>Mexico:</b>				
<b>Oaxaca—</b>				
(Juchitan and Tehuan-	Dec. 18-Apr. 5 ...	8	1	
tepec.)				
<b>Veracruz—</b>				
(Coatzacoalcos, Taxis-	Dec. 11-May 27 ..	23	12	
tepec, Tierra Blan-				
ca, and Veracruz.)				
<b>Yucatan—</b>				
Merida .....	Jan. 15-Apr. 15 ..	5	2	
<b>Panama:</b>				
Colon .....	Jan. 23-June 11 ..	27	7	One case from ss. Finance, five days from Corinto, Nicaragua.
Panama .....	Dec. 1-31.....	7		
	Jan. 1-June 10...	78	25	Six cases and 2 deaths from U. S. S. Boston.
<b>Venezuela:</b>				
Caracas .....	Dec. 17-Jan. 7....	3		
La Guaira and vicinity .....	Jan. 1-7.....		6	
Maracaibo.....	Dec. 5-May 4....	3	3	

## PLAGUE.

<b>Africa:</b>				
<b>British East Africa—</b>				
Kisumu .....	Jan. 5-12 .....			Present.
Maharoni .....	Jan. 19 .....	1		
Mombassa .....	Feb. 11 .....	25	25	
Port Florence .....	Jan. 1-19.....	20	8	
<b>British South Africa—</b>				
<b>Cape Colony—</b>				
East London .....	Dec. 25-May 13...	42	25	Including deaths of cases from King William's Town at hospital.
Fort Beaufort.....	May 6.....	2	1	
King William's	Apr. 8-May 4....	8	3	
Town.				
Mousa .....	May 7-13.....	1	1	Imported from East London.
Port Elizabeth .....	Dec. 3-May 6....	6	2	
<b>Durban—</b>				
Durban .....	Nov. 27-Feb. 11 ..	7	6	
<b>Portuguese East Africa—</b>				
Mozambique .....	Feb. 2 .....			Epidemic.
<b>Arabia:</b>				
Aden (general) .....	Dec. 1-May 19 ...	1,775	1,712	One case from Austrian ss. Emperor from Bombay.
Mekka .....	Mar. 1-31 .....			Present.
<b>Argentina:</b>				
Buenos Ayres.....	Jan. 28.....	1	1	
Leones .....	Mar. 28 .....	12		
Salta State.....	Dec. 15.....	1		
San Nicolas.....	Mar. 20 .....		3	
Santa Fe .....	Dec. 27 .....	1	1	
<b>Australia:</b>				
<b>New South Wales—</b>				
General .....	Feb. 19-25 .....	3	3	
Clarence and Rich-	Jan. 10-Feb. 18...	4	2	
mond River districts.				
Newcastle .....	Mar. 27-Apr. 13...	4	1	
Sydney .....	Apr. 7-10.....	4		
<b>Queensland—</b>				
Brisbane and vicinity.	Jan. 2-Apr. 8....	26	10	
Bundaberg .....	Feb. 3 .....	1	1	
Townsville .....	Dec. 9.....	1		
<b>Brazil:</b>				
Bahia .....	Nov. 27-Jan. 7....		12	
Guaratingueta.....	Jan. 13 .....	1		
Nitheroy .....	Dec. 1-Feb. 28...		2	
Para .....	Feb. 1-26 .....	4	2	
Pernambuco .....	Nov. 1-15.....		1	
Pindamonhangaba.....	Feb. 18 .....			Do.
Rio de Janeiro .....	Nov. 7-Apr. 16...	254	113	
Rio Grande do Sul .....	May 19 .....			Do.
Santos .....	Dec. 4-11 .....		1	
Sao Paulo.....	Jan. 23-29.....		1	
Taubete .....	Feb. 18 .....		1	

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

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Chile:</b>				
Antofagasta	Mar. 28	1		Also reported present May 11.
Arica	Dec. 11—Mar. 20	3	2	
Atacama	Mar. 15			Present.
Chanaral	May 11			Reported present.
Copiapó	Mar. 15			Present.
Coquimbo	Mar. 14			Do.
Iquique	Dec. 4—Mar. 27	4	2	
Pisagua	Feb. 9—Apr. 17	229		
Santiago	Dec. 2		1	
Valparaiso	Mar. 20-31		1	There were 160 cases of plague under treatment on May 16, 1905.
<b>China:</b>				
Amoy	May 10			Present.
Fuchow	Apr. 30			Do.
Hongkong	Jan. 1	34	24	
<b>Egypt:</b>				
General	Jan. 1—May 4	22	16	
Alexandria	Apr. 1—May 25	4	2	
Behera Province	May 12-21	4	1	
Port Said	Dec. 4—May 6	6	7	Two deaths from Egyptian ss. Aida, from Suez.
Magaga District	Mar. 29—Apr. 8	2	1	
Menoufiel	May 22		2	
Suez	Dec. 10—Mar. 4	29	17	
Tukh District	Nov. 27—May 24	30	22	
Formosa (general)	Jan. 1—May 2	1,302	1,149	Total number of cases for year 1904: 4,343, with 3,234 deaths.
Bioritzu	Apr. 20-30	1		
Ensuiko	Feb. 1—Apr. 30	39	38	
Gilan	Feb. 1—Apr. 30	35	32	
Kagi	Feb. 1—Apr. 30	100	81	
Kelung	Apr. 20-30	2	3	
Shinchiku	Feb. 1—Apr. 30	60	67	
Taihoku	Feb. 1—Apr. 30	150	136	
Tainan	Feb. 1—Apr. 30	30	22	
<b>Great Britain:</b>				
Leith	May 7-13	4	1	
Liverpool	Feb. 7		1	From steamship Crewe Hall from Rangoon.
London	Nov. 30	1		On ss. Weybridge from the Rio de la Plata.
<b>Hawaii:</b>				
Aiea	Mar. 2		1	
Hilo	May 15-25	2		
Waipahu (vicinity of Honolulu).	June 20		1	
<b>India:</b>				
Bombay Presidency and Sind.	Oct. 29—Apr. 29	144,588	110,464	
Madras Presidency	Oct. 29—Apr. 29	9,464	7,407	
Bengal	Oct. 29—Apr. 29	119,114	106,141	
United Provinces	Oct. 29—Apr. 29	338,517	308,921	
Punjab	Oct. 29—Apr. 29	297,180	249,662	Three cases imported.
Burma	Dec. 4—Apr. 29	959	837	
Central Provinces (including Berar).	Oct. 29—Apr. 29	13,786	10,957	
Assam	Mar. 5—Apr. 29	1		Imported.
Mysore State	Oct. 29—Apr. 29	9,899	7,605	
Hyderabad State	Oct. 29—Apr. 29	15,778	13,722	
Central India	Oct. 29—Apr. 29	4,758	3,786	
Rajputana	Oct. 29—Apr. 29	26,091	22,023	
Kashmir	Oct. 29—Apr. 29	2,501	1,554	
N. W. F. Province.	Mar. 18—Apr. 29	2	2	Do.
Grand total		982,638	843,061	
<b>Japan:</b>				
Hiogo	Dec. 14		1	
Hiroshima	Apr. 12	1	1	
Kobe	Dec. 16	1		
Osaka	May 9		1	
Tokyo	Apr. 18—May 10		2	
Mauritius	Dec. 10—Mar. 16	67	36	
<b>Peru:</b>				
Arequipa	Mar. 20			Present.
Cajamarca	Mar. 10			Do.
Callao	Feb. 9—May 10	3		
Chepen	To Apr. 30	5	8	
Chichayo	Mar. 13—May 10	58	60	
Eten	Nov. 1—Apr. 30	44	9	
Guadelupe	Nov. 1—Mar. 19	44	1	
Huanchaco	To Mar. 26	53	1	

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

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Peru—Continued.</b>				
Lambayeque .....	Nov. 1—Apr. 30 .....	35	8	
Lima .....	Nov. 1—May 10 .....	56	11	
Mollendo .....	Mar. 4—May 10 .....	97	37	
Pacasmayo .....	Nov. 1—Dec. 26 .....	2	2	
Payta .....	May 6 .....	1	1	
Pueblo Nuevo .....	Jan. 26 .....	2	2	
San Pablo .....	Mar. 13—Apr. 2 .....	3	6	
<b>Philippine Islands:</b>				
Cebu .....	Jan. 15—May 6 .....	7	3	
Manila .....	Dec. 4—May 13 .....	27	23	
<b>Russia:</b>				
Ural Territory .....	Dec. 26—Jan. 16 .....	143	142	Number of deaths from Nov. 30 to Jan. 9, 340.
Vigatka Province—Slobodskol .....	Oct. 18—Dec. 14 .....	247		
<b>Siam:</b>				
Bangkok .....	Dec. 15—Jan. 24 .....		14	New cases reported during month of May, 1905.
<b>Spain:</b>				
Cadiz .....	Apr. 1—30 .....		1	
<b>Straits Settlements:</b>				
Singapore .....	Nov. 5—Apr. 15 .....		15	
<b>Turkey:</b>				
Bahrein Islands .....	May 20 .....			Present.

## SMALLPOX.

<b>Africa:</b>				
Cape Colony—				
Cape Town .....	Feb. 12—May 13 .....	10		
Liberia—				
Monrovia .....	Mar. 5—11 .....	10	2	
Sierra Leone .....	Jan. 28—May 6 .....	241		Gradually disappearing, May 6.
<b>Argentina:</b>				
Bahia Blanca .....	Feb. 26 .....			Present.
Buenos Ayres .....	Nov. 12—Jan. 31 .....	324	57	
<b>Austria-Hungary:</b>				
Bosnia and Herzegovina .....	Jan. 1—Feb. 28 .....	60	3	
Trague .....	Dec. 4—31 .....	44		
<b>Belgium:</b>				
Brussels .....	Dec. 18—Apr. 1 .....		2	
Ghent .....	Apr. 2—May 13 .....		2	
<b>Brazil:</b>				
Bahia .....	Nov. 27—Mar. 25 .....	93	8	
Nietheroy .....	Dec. 1—Feb. 28 .....		158	
Para .....	Dec. 1—Apr. 17 .....		174	
Pernambuco .....	Nov. 1—May 16 .....		1,482	
Porte Allegre .....	Feb. 22 .....			Do.
Rio de Janeiro .....	Nov. 6—May 28 .....	1,142	470	
Santos .....	Dec. 4—Apr. 16 .....		7	
Sao Paulo .....	Jan. 1—15 .....		3	
Victoria .....	Feb. 7—18 .....	19	1	
<b>Canada:</b>				
New Brunswick—				
Chatham .....	Apr. 10 .....	9		
Ontario—				
Hamilton .....	Mar. 1—June 4 .....	13		
<b>Ceylon:</b>				
Colombo .....	May 7—13 .....	1	1	
<b>Chile:</b>				
Antofagasta .....	Jan. 25—Feb. 28 .....		3	
Arica .....	Mar. 17 .....	1	1	From Chilean ss. Palena.
Ourepta .....	Mar. 31 .....		1	Present.
Port Montt .....	Mar. 16 .....			Epidemic.
Santiago .....	Jan. 2—Apr. 18 .....	2		
Valdivia .....	Mar. 31 .....			Present.
Valparaiso .....	Mar. 4 .....			Do.
	May 10 .....			Fifteen cases daily.
<b>China:</b>				
Hongkong .....	Jan. 1—Apr. 22 .....	53	22	
Niuchwang .....	Apr. 8 .....			Present.
Shanghai .....	Nov. 12—May 6 .....		610	One case on U. S. turret ship Monadnock, and 2 cases on ship Arthur Sewall.
<b>Colombia:</b>				
Cartagena .....	Mar. 27—Apr. 1 .....	1	1	
<b>Denmark:</b>				
Copenhagen .....	Feb. 19—May 27 .....	3		

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

## SMALLPOX—Continued.

Place,	Date.	Cases.	Deaths.	Remarks.
<b>Ecuador:</b>				
Colta .....	Feb. 7 .....			Present.
Colombo .....	Feb. 7 .....			Do.
Guamote .....	Feb. 7 .....			Do.
Guayaquil .....	Jan. 1–May 16 .....		29	Three cases, 1 death from Chilean ss. Palena, from Chilean and Peruvian ports.
Porto Viejo .....	Feb. 15–21 .....			Present.
<b>Formosa</b> .....	Jan. 1–Mar. 31 .....	20		
<b>France:</b>				
Lyon .....	Dec. 3–May 13 .....	4		
Marseille .....	Mar. 1–31 .....		1	
Nantes .....	Feb. 9–Mar. 17 .....	82	16	
Paris .....	Dec. 11–May 27 .....	389	40	
Rouen .....	Nov. 1–Jan. 31 .....		16	
St. Etienne .....	Feb. 1–Apr. 15 .....	7		
<b>Germany:</b>				
General .....	Apr. 15–May 20 .....	38		
Bremen .....	Jan. 8–Mar. 25 .....	8		
<b>Great Britain and Ireland:</b>				
Belfast .....	Jan. 7–Apr. 1 .....		2	
Birmingham .....	Feb. 19–May 27 .....	12		
Bradford .....	Dec. 3–June 3 .....	113	8	
Bristol .....	May 7–June 3 .....	5		
Cardiff .....	Mar. 5–May 27 .....	7		
Dundee .....	Dec. 11–Jan. 14 .....	5		
Edinburgh .....	Feb. 12–Apr. 22 .....	5		
Glasgow .....	Dec. 10–Mar. 17 .....	5	1	
Hull .....	Dec. 25–Apr. 8 .....	36	2	
Leeds .....	Dec. 18–May 27 .....	183	37	
Leith .....	Feb. 12–Apr. 8 .....	9		
Liverpool .....	Jan. 15–May 13 .....	3		
London .....	Dec. 11–June 3 .....	85	2	
Manchester .....	Dec. 11–Feb. 4 .....	7		
Newcastle on Tyne .....	Dec. 4–June 3 .....	135	2	
Nottingham .....	Dec. 11–June 3 .....	26		
Sheffield .....	Mar. 12–18 .....	2		
Southampton .....	Mar. 26–May 27 .....	17	5	Eleven cases and 1 death from ss. Nile, from Buenos Ayres, and 1 case from ss. Kenilworth Castle, from South Africa.
South Shields .....	Dec. 4–June 3 .....	93	5	
West Hartlepool .....	Feb. 4–11 .....	3		
<b>Hawaii:</b>				
Honolulu .....	Feb. 17–Apr. 24 .....	3		One from ss. Sonoma, from San Francisco, and one from ss. Coptic, from oriental ports.
<b>India:</b>				
Bombay .....	Nov. 30–May 16 .....		1,796	
Calcutta .....	Nov. 19–May 6 .....		121	
Karachi .....	Dec. 14–May 14 .....	159	41	
Madras .....	Dec. 17–May 12 .....		69	
<b>Italy:</b>				
General .....	Dec. 1–31, 1904 .....	941		
	May 7–13, 1905 .....	40	1	
Catania .....	Dec. 9–June 1 .....	119	58	
Milan .....	Dec. 1–31, 1905 .....	1		
Naples .....	Feb. 1–28 .....		1	
Palermo .....	Dec. 11–May 27 .....	263	57	
<b>Japan:</b>				
Ehime .....	Jan. 22–28 .....	26		
Fukuoka .....	Jan. 22–28 .....	2		
Hakodate .....	Jan. 18 .....	1		From a Br. vessel from Shanghai.
Hiroshima .....	Jan. 22–28 .....	2		
Kobe .....	Jan. 1–Apr. 5 .....	4		One from Br. ss. Hector, from Yokohama, one from ss. Palawan, from Yokohama, and one from Br. ss. Firth of Dornoch, from Rangoon.
Kumamoto .....	Jan. 22–28 .....	1		
Matsuyama .....	Feb. 15 .....	1		
Muroran .....	Jan. 23–Feb. 4 .....	8		
Nagasaki .....	Jan. 22–May 11 .....	3		One case on Br. ss. Kintuck.
Nishiwagun .....	Feb. 16 .....	16		
Osaka .....	Jan. 22–28 .....	8		
Tokyo .....	Apr. 2 .....	3		
Yamaguchi .....	Jan. 22–28 .....	1		
Yokohama .....	Mar. 26–Apr. 29 .....	2		One from Br. ss. Hudson, from New York via Shanghai, and one from Br. ss. Queen Louise.
<b>Malta</b> .....	Jan. 22–Apr. 29 .....	3	2	



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

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Mexico:</b>				
Mexico .....	Nov. 20-Apr. 8...	43	27	
<b>Netherlands:</b>				
Rotterdam .....	Jan. 22-28 .....	2	.....	
<b>Norway:</b>				
Christiania .....	Dec. 11-Apr. 15..	25	3	
<b>Panama:</b>				
Colon .....	Dec. 13-Jan. 8....	3	.....	One from ss. Loa, from Arequipa and 1 from ss. Westphalia, from St. Thomas.
Panama .....	Dec. 25-Jan. 1....	1	1	
<b>Peru:</b>				
Callao .....	Dec. 12-May 22..	5	.....	Two from ss. Loa, from Arequipa. Present on Chilean ss. Palena, from Chilean and Peruvian ports on Mar. 18. One from Ger. ss. Pentaur, from Chilean ports, one from Chilean ss. Mapocho, one from Br. ss. Guatemala, and one from ss. Mexico, from Chilean ports.
Lima .....	Mar. 1-15 .....	1	.....	
<b>Philippine Islands:</b>				
Manila .....	Dec. 10-Apr. 29..	20	3	1 case from Cavite.
<b>Russia:</b>				
Moscow .....	Nov. 27-May 20..	163	42	
Odessa .....	Dec. 10-May 27..	88	25	
St. Petersburg .....	Dec. 4-May 20..	158	50	
Warsaw .....	Nov. 12-Mar. 18..	.....	22	
<b>Spain:</b>				
Barcelona .....	Dec. 1-May 31 ..	.....	146	
Cadiz .....	Nov. 1-Mar. 31 ..	.....	14	
<b>Straits Settlements:</b>				
Singapore .....	Nov. 13-Apr. 29 ..	.....	20	
<b>Switzerland:</b>				
Geneva .....	Jan. 29-Feb. 4....	4	.....	
<b>Turkey:</b>				
Constantinople .....	Dec. 4-May 21 ..	.....	155	
Smyrna .....	Jan. 1-Feb. 19 ..	.....	2	
<b>Uruguay:</b>				
Montevideo .....	Feb. 3-Apr. 30 ..	56	17	
<b>Venezuela:</b>				
Maunto (vicinity of) .....	Jan. 1-7 .....	15	.....	
<b>West Indies:</b>				
Barbados .....	Apr. 29-May 27 ..	5	1	One from the Royal Mail ss. Atrato, from Southampton, and one from Brazilian ship Benjamin Constant from Pernambuco.
Grenada Island .....	Dec. 29-May 4....	51	.....	One from ss. Trent for Colon.



## Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—													
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.			
Puerto Cortez .....	June 7	4,000	0														
Quebec .....	June 3	70,000															
Do .....	June 10	70,000											1				
Rheims .....	May 28	108,385	41		8												
Rotterdam .....	June 3	372,903	121											1			
St. Georges, Bermuda .....	May 27	2,189	1														
Do .....	June 3	2,189	0														
St. John, Antigua .....	May 20	15,844	6														
Do .....	May 27	15,844	4														
St. John, N. B. ....	June 10	40,709	10	4													
St. Petersburg .....	May 20	1,500,000	856	132				1	5	41	20	20	55				6
St. Stephen, N. B. ....	June 11	2,840	0														
San Feliu de Guixols ..	May 28	11,333	3														
Santa Cruz de Tenerife	May 27	40,000	8	1													
Sheffield .....	May 20	430,000	138	2							1		1	28			3
Do .....	May 27	430,000	148	7									2	12			4
Southampton .....	do	114,897	22	1						1			2	1			
South Shields .....	do	109,360	27	2													2
Trapani .....	do	61,477	18														
Tuxpam .....	May 30	13,000	14														
Do .....	June 6	13,000	9														
Venice .....	May 27	169,417	61	9							2						
Veracruz .....	do	32,000	37	9													
West Hartlepool .....	do	66,500															
Winnipeg .....	June 3	80,000	77								1						
Do .....	June 10	80,000	35														

By authority of the Secretary of the Treasury:

A. H. GLENNAN,  
*Acting Surgeon-General,*  
*United States Public Health and Marine-Hospital Service.*