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THE CURATIVE ACTION OF SULPHARSPHENAMINE IN EXPERIMENTAL SYPHILIS.

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In a previous paper by Voegtlin, Johnson, and Dyer (1922), experiments were reported which showed that treatment with single doses of sulpharsphenamine (15 to 50 mg. per kilo) leads to a prompt disappearance of *Treponema pallidum* from the scrotal lesions in rabbits and causes a marked improvement of these lesions. From the practical standpoint of the efficacy of sulpharsphenamine in the treatment of human syphilis, it is, of course, important to know whether this drug is able to sterilize the animal, i. e., to cause the death of all the parasites: The question is, What shall be the criterion of sterilization? Clinical relapse usually occurs after a sufficiently long time has elapsed following treatment with subcurative doses, but this criterion alone furnishes insufficient proof, and, furthermore, requires a very long period of observation.

Pearce and Brown (1922) have recently shown that *Treponema pallidum* has a strong tendency to localize in lymph glands, and in the experience of these investigators, transplantation of macerations of lymph glands into the scrotum of normal rabbits yields fairly good evidence as to the presence or absence of syphilitic infection in the donor. We have, therefore, used this method on some of our rabbits treated with sulpharsphenamine and neoarsphenamine. The control numbers of these rabbits are the same as those given in the previous paper. Unfortunately, three of the animals (Nos. 4, 6, and 7) died of intercurrent infections before transplants could be made. However, in none of these three animals was there any recurrence of syphilitic lesions before death occurred. The history of these three rabbits is, briefly, as follows:

Rabbit No. 4.—October 23, 1922: Scrotal lesions completely healed. November 29 (sixty-fifth day following treatment with 27 mg. neoarsphenamine per kilo): Animal has developed an infection of the respiratory tract, causing a purulent nasal discharge; chloroformed. Necropsy: Both testicles normal; infectious process of upper respiratory tract; mucous membrane of trachea congested and hemorrhagic; no other gross lesions.

Rabbit No. 6.—October 23, 1922: Scrotal lesions healed. November 29 (sixty-fifth day after treatment with 36 mg. sulpharsphenamine per kilo): Found dead. Necropsy: Purulent discharge from nostrils and ears; both testicles normal; no other gross lesions.

Rabbit No. 7.—December 1, 1922 (sixty-seventh day after treatment with 15 mg. sulpharsphenamine per kilo): Found dead. Both testicles normal; far advanced post mortem changes.

We may conclude from these observations that the three rabbits did not develop a clinical relapse for a period of 65 to 67 days following treatment.

The histories of the remaining four animals used for lymph node transfer are given below. In addition, there is described an experiment with an untreated animal which was infected the same day (July 17, 1922) as the other animals of this series with the same suspension of the Nichol's strain of *Treponema pallidum*.

Rabbit No. 2.—October 23, 1922: Scrotal lesions completely healed. April 9, 1923, (one hundred and ninety-sixth day following treatment with 27 mg. sulpharsphenamine per kilo): Has shown no evidence of recurrence of any syphilitic lesions to date. Lymph gland and testicular material transferred to left scrotum of rabbit No. 2a.

Rabbit No. 3.—October 10, 1922: Scrotal lesions healed. April 9, 1923 (one hundred and ninety-sixth day following treatment with 36 mg. neoarsphenamine per kilo): Has shown no evidence of recurrence of any syphilitic lesions to date. Lymph gland and part of testicle transferred to right scrotum of rabbit No. 3a.

Rabbit No. 5.—April 9, 1923 (one hundred and ninety-sixth day following treatment with 50 mg. sulpharsphenamine per kilo): Has shown no evidence of recurrence of any syphilitic lesions to date. Lymph gland and piece of scrotum transferred to right scrotum of rabbit No. 5a.

Rabbit No. 8.—April 9, 1923 (one hundred and sixty-ninth day following treatment with 15 mg. neoarsphenamine per kilo): Has shown no evidence of recurrence of syphilitic lesions to date. Lymph gland and part of testicle transferred to rabbit No. 8a.

Control rabbit X.—Inoculated July 17, 1922. Never developed well-marked scrotal lesions. April 9, 1923: Lymph glands and testicular material transferred to scrotum of a normal rabbit, Xa.

Result of transplantations.—At the time that this is being written, i. e., on the seventy-first day following transplantation of the lymph nodes, none of the animals, except control rabbit Xa, has shown any signs of syphilitic infection. The glands are normal, except one of rabbit 3a, which shows a small nodule (scar tissue (?)), free from spirochetes on three different days (June 2, 4, and 19). Rabbit Xa showed a well-developed chancre on June 4, and dark field examination revealed the presence of numerous spirochetes. On June 19 the chancre had reached very large size.

It is evident, then, that in none of the treated animals was it possible to establish any evidence of infection by means of lymph-gland transfer. This fact is all the more significant in view of the long time (196 days) intervening between treatment and lymph-node transfer, which should have given the infection a chance to reestablish itself in the lymphatic system. These observations on a small series of animals suggest that treatment with a single injection of sulpharsphenamine is sufficiently effective to prevent a clinical relapse and to produce sterilization of the lymph glands, which,

according to Pearce and Brown, always harbor spirochetes during the latent stages of the disease. Work is now in progress on a large number of animals which it is hoped will yield absolutely conclusive evidence of the relative curative action of sulpharsphenamine, neoarsphenamine, and arsphenamine in rabbit syphilis.

REFERENCES.

Pearce, Louise, and Brown, W. H. (1922): J. exp. Med. xxxv, 55.

Voegtlin, Johnson, and Dyer (1922): Public Health Reports, 37, 2783. Reprint No. 797.

PAROLED LEPERS FROM KALIHI HOSPITAL, HAWAII.

The following report of leper patients paroled from Kalihi Hospital, Hawaii, was furnished by Surg. H. E. Hasseltine, director of the Kalihi Leprosy Investigation Station.

While favorable results are shown in the treatment of leprosy with the ethyl esters of chaulmoogra oil, a longer period of time will obviously be required for an exact determination of the value of this therapeutic agent.

Report of paroled cases of leprosy from Kalihi Hospital which have been returned to the hospital.

Cases returned prior to June 1, 1923	42
Cases returned during month ending June 30, 1923	2
Total returned to hospital to date	44
Number who have been paroled second or third time	7
Number returned who have died in segregation	2
Number of returned paroled cases now in hospital	35

Crude chaulmoogra, or emulsions of crude oil, used prior to July 1, 1916. Derivatives of chaulmoogra (esters, salts, etc.) used on some patients July, 1916, to July 9, 1919; others took crude oil. Mixed esters used since July 9, 1919, except in five groups, aggregating 25 patients, who received single esters.

Table of paroled cases.

Year of parole.	Number paroled.	Number returned.	Number paroled second or third time.	Number of returned cases in segregation, June 30, 1923.	Died on parole.	Died in segregation.	Disappeared.	Released.	Died after release.	Relapsed after released.
1912	6	1	1	0	0	0	0	2	0	0
1913	5	1	0	[1] 1	0	0	0	3	0	0
1914	4	0	0	0	1	0	0	1	0	0
1915	6	2	1	[1] 1	2	0	0	0	0	0
1916	8	3	1	[2] 2	2	0	0	2	0	0
1917	5	0	0	0	0	0	1	3	0	0
1918	10	3	1	2	1	0	1	7	1	2
1919	44	7	1	5	6	1	1	8	0	0
1920	30	6	0	5	2	1	0	0	0	0
1921	70	20	2	18	1	0	1	0	0	0
1922	49	1	0	1	4	0	0	0	0	0
1923	23	0	0	0	0	0	0	0	0	0
Total	260	44	7	35	19	2	4	26	1	2

[1] At Molokai Settlement.

[2] One at Molokai Settlement.

THE NOTIFIABLE DISEASES.

PREVALENCE DURING 1922 IN CITIES OF OVER 100,000.

The following tables were compiled from data furnished by the health officers of the cities. They include all cities of 100,000 population or over in the United States except Kansas City, Kans.

The following is a list of the diseases included:

Anthrax.
Cerebrospinal meningitis.
Chicken pox.
Dengue.
Diphtheria.
Influenza.
Malaria.
Measles.
Mumps.
Pellagra.
Pneumonia (all forms).
Poliomyelitis.
Rabies in animals.
Rabies in man.
Scarlet fever.
Septic sore throat.
Smallpox.
Tuberculosis (all forms and pulmonary).
Typhoid fever.
Typhus fever.
Whooping cough.

The populations given, and which were used in computing the rates, were estimated as of July 1, 1922, except where otherwise stated.

Medians [1] of the total number of cases reported annually during the years 1913 to 1921 are given for cerebrospinal meningitis, diphtheria, measles, pellagra, poliomyelitis, scarlet fever, smallpox, and typhoid fever. The column headed "Number of years" shows the number of years for which data were available for each city.

In comparing the figures for 1922 with the medians for preceding years, it should be borne in mind that for several years there has been a gradual improvement in the reporting of communicable diseases. An increase in the number of cases reported may be due to better reporting rather than to an increase in the number of cases occurring.

In studying these tables it should be kept in mind that a relatively large number of reported cases of a communicable disease as indicated by a high case rate (and more especially when accompanied by a relatively small number of deaths, as indicated by a low fatality rate) usually means that the health department of that city is active and that the cases of the disease are being well reported by the practicing physicians. It does not usually mean that the disease is more prevalent in that city than in other cities. A high fatality rate may mean that the disease was unusually virulent in a city; that the physicians did not treat the disease in that city with the success usual elsewhere; or that the practicing physicians did not report all of their cases to the health department. On the other hand, an unusually

[1] The median has been defined as the magnitude of the middle item in an array. If the numbers of cases reported are arranged so that the greatest number reported in any one year is first, the second greatest number is second, and so on, then the number of cases in the center of the array is the median. The following illustration shows the method followed when data for five years are available: In a city reporting 60 cases in 1915, 79 cases in 1916, 71 cases in 1917, 58 cases in 1918, and 53 cases in 1919, the median is 60 cases.

low fatality rate may be due to the fact that the disease in the city was unusually mild; that the physicians treated it with unusual success; that the practicing physicians reported their cases satisfactorily; or that the registration of deaths was incomplete or the assignment of the causes of death inaccurate.

Cities which did not report either cases or deaths of a certain disease in 1922 are not included in the table for that disease.

Seventy-three cities reported 65,539 cases of diphtheria, which is an increase of about 6 per cent over the median number reported during recent years by these cities.

Measles shows an increase over the median of 22 per cent in the number of cases reported. For the year 1921, 68 cities had a combined case rate of 2.53 per thousand population. In 1922, 72 cities had a combined rate of 5.26, an increase over 1921 of more than 100 per cent in the rate.

The number of reported cases of scarlet fever in 73 cities was more than 26 per cent higher than the median.

Fewer cases of smallpox were reported than last year, and several cities which usually have cases of small pox at some time during the year did not report any in 1922. However, the number of deaths from this disease showed a decided increase over recent years. This increase was confined to a few of the cities. Denver, with 248 deaths from smallpox, had more than half of the deaths reported. Kansas City, Mo., reported 63 deaths; Chicago, 15; Los Angeles, 5; Bridgeport, 4; and Salt Lake City, 3. No other city in the table reported more than 2 deaths from smallpox.

The decrease in typhoid fever which has been evident for several years continued during 1922, as is shown by the fact that 73 cities reported only a little more than half as many cases of this disease as the median for recent years. The case rate for 1922 was 0.19 per thousand population, a decrease of nearly 27 per cent from the rate for the year 1921, which rate was based on reports from 67 cities.

Reported Prevalence for the Year 1922—Medians for Previous Years.

ANTHRAX.

City.	Cases reported, 1922.	Deaths registered, 1922.	City.	Cases reported, 1922.	Deaths registered, 1922.
California:			Massachusetts:		
Los Angeles	.....	2	Boston	1	.....
Connecticut—			Michigan:		
Hartford	2	.....	Detroit	2	1
Delaware:			Missouri:		
Wilmington	4	.....	St. Louis	1	.....
Georgia:			New Jersey:		
Atlanta	1	.....	Camden	4	0
Illinois:			New York:		
Chicago	1	.....	New York	8	3
Maryland:			Pennsylvania:		
Baltimore	1	.....	Philadelphia	22	2
			Pittsburgh	.....	2

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

CEREBROSPINAL MENINGITIS, EPIDEMIC.

City.	Estimated population July 1, 1922.	Median.		1922				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Alabama:								
Birmingham	191,017	9	11	11	0.06	6	0.03	54.5
California:								
Los Angeles	634,866	9	29	11	.02	9	.01	81.8
Oakland	233,279	4	6	4	.02	0	.....	.....
San Francisco	529,792	9	19	24	.05	9	.02	37.5
Colorado:								
Denver	267,591	8	2	.....	.....	1	.00	.....
Connecticut:								
Bridgeport	[1] 143,555	9	15	11	.08	6	.04	54.5
New Haven	169,987	7	11	13	.08	2	.01	15.4
Delaware:								
Wilmington	115,568	4	2	2	.02	1	.01	50.0
District of Columbia:								
Washington	[1] 437,571	8	7	.....	.....	1	.00	.....
Georgia:								
Atlanta	220,047	4	8	.....	.....	17	.08	.....
Illinois:								
Chicago	2,833,288	9	99	61	.02	27	.01	44.3
Indiana:								
Indianapolis	333,257	8	14	4	.01	2	.01	50.0
Kentucky:								
Louisville	256,877	8	25	10	.04	7	.03	70.0
Louisiana:								
New Orleans	399,616	9	16	6	.02	5	.01	83.3
Maryland:								
Baltimore	762,222	8	30	25	.03	16	.02	64.0
Massachusetts:								
Boston	764,017	9	56	24	.03	11	.01	45.8
Cambridge	110,944	5	6	2	.02	1	.01	50.0
Fall River	120,790	9	8	14	.12	7	.06	50.0
Lowell	114,423	9	11	5	.04	3	.03	60.0
Lynn	101,673	6	5	4	.04	1	.01	25.0
New Bedford	127,542	6	3	2	.02	1	.01	50.0
Springfield	140,052	7	4	.....	.....	5	.04	.....
Worcester	188,449	8	7	2	.01	0	.....	.....
Michigan:								
Detroit	[1] 993,678	7	61	45	.05	33	.03	73.3
Flint	111,794	2	2	.....	.....	1	.01	.....
Grand Rapids	143,572	5	1	.....	.....	1	.01	.....
Minnesota:								
Duluth	104,183	6	5	7	.07	1	.01	14.3
Minneapolis	400,970	5	10	.....	.....	1	.00	.....
St. Paul	239,836	7	4	8	.03	2	.01	25.0
Missouri:								
Kansas City	343,988	9	21	10	.03	6	.02	60.0
St. Louis	795,008	9	37	16	.02	3	.00	18.8
Nebraska:								
Omaha	200,739	5	5	.....	.....	9	.04	.....
New Jersey:								
Camden	121,915	5	3	2	.02	1	.01	50.0
Elizabeth	101,643	6	11	.....	.....	2	.02	.....
Jersey City	305,911	9	13	12	.04	10	.03	83.3
Newark	431,792	9	31	28	.06	16	.04	57.1
Paterson	138,521	7	11	3	.02	2	.01	66.7
Trenton	125,075	7	4	.....	.....	2	.02	.....
New York:								
Albany	116,223	6	2	.....	.....	4	.03	.....
Buffalo	528,163	9	17	18	.03	8	.02	44.4
New York	5,839,746	9	279	218	.04	110	.02	50.5
Rochester	311,548	7	9	.....	.....	4	.01	.....
Syracuse	181,012	7	3	4	.02	3	.02	75.0
Yonkers	105,422	8	4	4	.04	1	.01	25.0
Ohio:								
Akron	[1] 208,435	7	14	3	.01	2	.01	66.7
Cincinnati	404,865	9	22	.....	.....	6	.01	.....
Cleveland	854,565	9	45	.....	.....	6	.01	.....
Columbus	253,455	8	6	.....	.....	5	.02	.....
Toledo	260,717	6	3	.....	.....	2	.01	.....
Oregon:								
Portland	269,240	5	5	7	.03	2	.01	28.6

[1] Enumerated population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

CEREBROSPINAL MENINGITIS, EPIDEMIC—Continued.

City.	Estimated population July 1, 1922.	Median.		1922				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Pennsylvania:								
Philadelphia	1,894,500	9	48	34	0.02	23	0.01	67.6
Pittsburgh	607,902	9	15	.....	.....	11	.02	.....
Reading	110,022	7	1	4	.04	2	.02	50.0
Rhode Island:								
Providence	241,011	9	16	.....	.....	3	.01	.....
Tennessee:								
Memphis	167,862	5	13	5	.03	0	.....	.....
Nashville	120,332	9	6	.....	.....	3	.02	.....
Texas:								
Dallas	171,974	7	8	8	.05	5	.03	62.5
Fort Worth	114,717	3	2	.....	.....	2	.02	.....
Houston	150,087	5	4	.....	.....	1	.01	.....
San Antonio	178,056	7	7	.....	.....	1	.01	.....
Utah:								
Salt Lake City	123,918	7	5	3	.02	2	.02	66.7
Virginia:								
Norfolk	124,915	4	4	.....	.....	3	.02	.....
Richmond	178,365	5	4	.....	.....	2	.01	.....
Washington:								
Seattle	[1] 315,312	7	3	7	.02	2	.01	28.6
Spokane	104,445	5	1	2	.02	1	.01	50.0
Tacoma	100,369	6	4	.....	.....	1	.01	.....
Wisconsin:								
Milwaukee	476,603	2	46	.....	.....	9	.02	.....
67 cities	28,268,829	.....	.....	.....	.....	452	.02	.....

CHICKEN POX.

City.	Estimated population July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Alabama:						
Birmingham	191,017	196	1.03	0	.....	.....
California:						
Los Angeles	634,866	1,016	1.60	0	.....	.....
Oakland	233,279	245	1.05	0	.....	.....
San Francisco	529,792	1,401	2.64	0	.....	.....
Colorado:						
Denver	267,591	970	3.62	0	.....	.....
Connecticut:						
Bridgeport	[1] 143,555	200	1.39	0	.....	.....
Hartford	[1] 138,036	155	1.12	.....	.....	.....
Delaware:						
Wilmington	115,568	218	1.89	0	.....	.....
District of Columbia:						
Washington	[1] 437,571	1,186	2.71	.....	.....	.....
Georgia:						
Atlanta	220,047	95	.43	0	.....	.....
Illinois:						
Chicago	2,833,288	3,957	1.40	7	0.00	0.2
Indiana:						
Indianapolis	333,257	1,011	3.03	.....	.....	.....
Kentucky:						
Louisville	256,877	135	.53	0	.....	.....
Maryland:						
Baltimore	762,222	2,207	2.90	4	.01	.2
Massachusetts:						
Boston	764,017	1,195	1.56	1	.00	.1
Cambridge	110,944	342	3.08	0	.....	.....
Fall River	120,790	69	.57	0	.....	.....
Lowell	114,423	51	.45	0	.....	.....
Lynn	101,673	73	.72	0	.....	.....
New Bedford	127,542	62	.49	0	.....	.....
Springfield	140,052	118	.84	0	.....	.....
Worcester	188,449	158	.84	0	.....	.....

[1] Enumerated population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

CHICKEN POX—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Michigan:						
Detroit	[1] 993,678	1,788	1.80	0	.....	.....
Flint	111,794	253	2.26	.....	.....	.....
Grand Rapids	143,572	189	1.32	0	.....	.....
Minnesota:						
Duluth	104,183	252	2.42	0	.....	.....
Minneapolis	400,970	1,643	4.10	0	.....	.....
St. Paul	239,836	639	2.66	0	.....	.....
Missouri:						
Kansas City	343,988	253	.74	1	0.00	0.4
St. Louis	795,008	1,094	1.38	.....	.....	.....
Nebraska:						
Omaha	200,739	271	1.35	.....	.....	.....
New Jersey:						
Camden	121,915	110	.90	0	.....	.....
Elizabeth	101,643	244	2.40	0	.....	.....
Jersey City	305,911	180	.59	0	.....	.....
Newark	431,792	1,050	2.43	.....	.....	.....
Paterson	138,521	240	1.73	0	.....	.....
Trenton	125,075	98	.78	0	.....	.....
New York:						
Albany	116,223	412	3.54	1	.01	.2
Buffalo	528,163	871	1.65	.....	.....	.....
New York	5,839,746	5,738	.98	9	.00	.2
Rochester	311,548	292	.94	0	.....	.....
Syracuse	181,012	398	2.20	0	.....	.....
Utica	101,599	322	3.17	0	.....	.....
Yonkers	105,422	132	1.25	0	.....	.....
Ohio:						
Akron	[1] 208,435	274	1.31	0	.....	.....
Cincinnati	404,865	381	.94	0	.....	.....
Cleveland	854,565	1,572	1.84	2	.00	.1
Dayton	161,824	141	.87	0	.....	.....
Toledo	200,717	709	2.72	.....	.....	.....
Youngstown	144,970	198	1.37	0	.....	.....
Oregon:						
Portland	269,240	454	1.69	0	.....	.....
Pennsylvania:						
Erie	109,528	488	4.46	0	.....	.....
Philadelphia	1,894,500	3,609	1.90	5	.00	.1
Pittsburgh	607,902	1,918	3.16	0	.....	.....
Reading	110,022	307	2.79	0	.....	.....
Scranton	139,821	43	.31	0	.....	.....
Rhode Island:						
Providence	241,011	50	.21	1	.00	2.0
Tennessee:						
Memphis	167,862	412	2.45	0	.....	.....
Nashville	120,332	46	.38	.....	.....	.....
Texas:						
Dallas	171,974	693	4.03	0	.....	.....
San Antonio	178,056	34	.19	0	.....	.....
Utah:						
Salt Lake City	123,918	962	7.76	1	.01	.1
Virginia:						
Norfolk	124,915	36	.29	.....	.....	.....
Richmond	178,365	112	.63	0	.....	.....
Washington:						
Seattle	[1] 315,312	919	2.91	0	.....	.....
Spokane	104,445	389	3.72	0	.....	.....
Tacoma	100,369	227	2.26	0	.....	.....
Wisconsin:						
Milwaukee	476,603	1,725	3.62	0	.....	.....
68 cities	27,976,745	47,228	1.69	32	.00	.1

[1] Enumerated population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

DENGUE.

City.	Estimated population July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Alabama:						
Birmingham	191,017	1,018	5.33	5	0.03	0.5
California:						
Los Angeles	634,866	1	.00	0	.....	.....
Georgia:						
Atlanta	220,047	11	.05	0	.....	.....
Louisiana:						
New Orleans	399,616	500	1.25	3	.01	.6
Maryland:						
Baltimore	762,222	1	.00	0	.....	.....
Texas:						
Dallas	171,974	3,398	19.76	0	.....	.....
Houston	150,087	451	3.01	20	.13	4.4
San Antonio	178,056	.....	.....	3	.02	.....
Virginia:						
Richmond	178,365	2	.01	0	.....	.....

DIPHTHERIA.

City.	Estimated population July 1, 1922.	Median.		1922				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Alabama:								
Birmingham	191,017	9	188	189	0.99	12	0.03	6.3
California:								
Los Angeles	634,866	9	699	1,945	3.06	97	.15	5.0
Oakland	233,279	8	170	661	2.83	56	.24	8.5
San Francisco	529,792	9	860	1,655	3.12	119	.22	7.2
Colorado:								
Denver	267,591	9	404	1,509	5.64	75	.28	5.0
Connecticut:								
Bridgeport	[1] 143,555	9	297	487	3.39	22	.15	4.5
Hartford	[1] 138,036	8	378	479	3.47	20	.14	4.2
New Haven	169,987	9	385	209	1.23	12	.07	5.7
Delaware:								
Wilmington	115,568	8	85	52	.45	10	.09	19.2
District of Columbia:								
Washington	[1] 437,571	9	647	735	1.68	44	.10	6.0
Georgia:								
Atlanta	220,047	6	234	413	1.88	51	.23	12.3
Illinois:								
Chicago	2,833,288	9	7,071	7,367	2.60	561	.20	7.6
Indiana:								
Indianapolis	333,257	9	646	1,329	3.99	68	.20	5.1
Iowa:								
Des Moines	136,793	5	185	.....	.....	24	.18	.....
Kentucky:								
Louisville	256,877	9	272	864	3.36	30	.12	3.5
Louisiana:								
New Orleans	399,616	9	833	648	1.62	37	.09	5.7
Maryland:								
Baltimore	762,222	9	1,233	1,531	2.01	93	.12	6.1
Massachusetts:								
Boston	764,017	9	2,674	2,992	3.92	143	.19	4.8
Cambridge	110,944	6	238	206	1.86	10	.09	4.9
Fall River	120,790	9	191	332	2.75	53	.44	16.0
Lowell	114,423	9	253	213	1.86	16	.14	7.5
Lynn	101,673	7	268	248	2.44	14	.14	5.6
New Bedford	127,542	8	138	305	2.39	23	.18	7.5
Springfield	149,052	9	177	164	1.17	24	.17	14.6
Worcester	188,449	8	293	282	1.50	29	.15	10.3
Michigan:								
Detroit	[1] 993,678	9	3,596	2,779	2.80	204	.21	7.3
Flint	111,794	5	385	503	4.50	36	.32	7.2
Grand Rapids	143,572	9	185	307	2.14	15	.10	4.9

[1] Enumerated population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

DIPHTHERIA—Continued.

City.	Estimated population July 1, 1922.	Median.		1922				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Minnesota:								
Duluth	104,183	8	186	191	1.83	3	0.03	1.6
Minneapolis	400,970	7	1,007	1,275	3.18	50	.12	3.9
St. Paul	239,836	9	897	715	2.98	29	.12	4.1
Missouri:								
Kansas City	343,988	9	539	585	1.70	61	.18	10.4
St. Louis	795,008	9	3,509	1,804	2.27	65	.08	3.6
Nebraska:								
Omaha	200,739	8	363	524	2.61	46	.23	8.8
New Jersey:								
Camden	121,915	8	194	582	4.77	33	.27	5.7
Elizabeth	101,643	8	288	498	4.90	19	.19	3.8
Jersey City	305,911	9	955	934	3.05	61	.20	6.5
Newark	431,792	9	1,059	771	1.79	73	.17	9.5
Paterson	138,521	9	247	265	1.91	18	.13	6.8
Trenton	125,075	8	260	777	6.21	60	.48	7.7
New York:								
Albany	116,223	9	126	212	1.82	11	.09	5.2
Buffalo	528,163	9	975	775	1.47	69	.13	8.9
New York	5,839,746	9	14,166	10,427	1.79	873	.15	8.4
Rochester	311,548	8	391	499	1.60	49	.16	9.8
Syracuse	181,012	9	306	968	5.35	52	.29	5.4
Utica	101,599	8	95	315	3.10	26	.26	8.3
Yonkers	105,422	8	247	152	1.44	20	.19	13.2
Ohio:								
Akron	[1] 208,435	8	318	335	1.61	22	.11	6.6
Cincinnati	404,865	9	882	643	1.59	54	.13	8.4
Cleveland	854,565	9	1,909	1,802	2.11	131	.15	7.3
Columbus	253,455	9	340	551	2.17	22	.09	4.0
Dayton	161,824	9	266	269	1.66	14	.09	5.2
Toledo	260,717	9	318	940	3.61	53	.20	5.6
Youngstown	144,970	6	178	912	6.29	53	.37	5.8
Oregon:								
Portland	269,240	6	158	445	1.65	21	.08	4.7
Pennsylvania:								
Erie	109,528	8	202	183	1.67	16	.15	8.7
Philadelphia	1,894,500	9	2,623	3,069	1.62	281	.15	9.2
Pittsburgh	607,902	9	1,400	1,321	2.17	108	.18	8.2
Reading	110,022	8	178	272	2.47	24	.22	8.8
Scranton	139,821	8	279	204	1.46	12	.09	5.9
Rhode Island:								
Providence	241,011	9	754	461	1.91	31	.13	6.7
Tennessee:								
Memphis	167,862	5	586	379	2.26	16	.10	4.2
Nashville	120,332	9	113	81	.67	10	.08	12.3
Texas:								
Dallas	171,974	7	130	375	2.18	12	.07	3.2
Fort Worth	114,717	7	100	146	1.27	6	.05	4.1
Houston	150,087	6	140	184	1.23	7	.05	3.8
San Antonio	178,056	8	175	192	1.08	7	.04	3.6
Utah:								
Salt Lake City	123,918	9	122	166	1.34	17	.14	10.2
Virginia:								
Norfolk	124,915	4	123	169	1.35	4	.03	2.4
Richmond	178,365	8	282	418	2.34	16	.09	3.8
Washington:								
Seattle	[1] 315,312	9	229	174	.55	12	.04	6.9
Spokane	104,445	7	79	234	2.24	11	.11	4.7
Tacoma	100,369	7	85	125	1.25	10	.10	8.0
Wisconsin:								
Milwaukee	476,603	8	1,038	816	1.71	47	.10	5.8
73 cities [2]	29,064,607	.....	61,617	65,539	2.25	4,509	.16	6.9

[1] Enumerated population Jan. 1, 1920.
[2] Des Moines not included.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

INFLUENZA.

City.	Estimated population July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Alabama:						
Birmingham	191,017	.....	.....	62	0.32	.....
California:						
Los Angeles	634,866	9,842	15.50	196	.31	50.2
Oakland	233,279	719	3.08	25	.11	28.8
San Francisco	529,792	3,441	6.49	185	.35	18.6
Colorado:						
Denver	267,591	.....	.....	57	.21	.....
Connecticut:						
Bridgeport	[1] 143,555	455	3.17	37	.26	12.3
Hartford	[1] 138,036	98	.71	11	.08	8.9
New Haven	169,987	75	.44	51	.30	1.5
Delaware:						
Wilmington	115,568	.....	.....	12	.10	.....
District of Columbia:						
Washington	[1] 437,571	102	.23	41	.09	2.5
Georgia:						
Atlanta	220,047	746	3.39	52	.24	14.3
Illinois:						
Chicago	2,833,288	3,032	1.07	317	.11	9.6
Indiana:						
Indianapolis	333,257	.....	.....	113	.34	.....
Iowa:						
Des Moines	136,793	.....	.....	39	.29	.....
Kentucky:						
Louisville	256,877	732	2.85	11	.04	66.5
Maryland:						
Baltimore	762,222	2,046	2.68	75	.10	27.3
Massachusetts:						
Boston	764,017	1,887	2.47	66	.09	28.6
Cambridge	110,944	549	4.95	15	.14	36.6
Fall River	120,790	256	2.12	46	.38	5.6
Lowell	114,423	171	1.49	1	.01	171.0
Lynn	101,673	60	.59	5	.05	12.0
New Bedford	127,542	48	.38	1	.01	48.0
Springfield	140,052	52	.37	20	.14	2.6
Worcester	188,449	696	3.69	19	.10	36.6
Michigan:						
Detroit	[1] 993,678	569	.57	105	.11	5.4
Flint	111,794	34	.30	.....	.....	.....
Grand Rapids	143,572	30	.21	3	.02	10.0
Minnesota:						
Duluth	104,183	.....	.....	1	.01	.....
Minneapolis	400,970	.....	.....	49	.12	.....
St. Paul	239,836	.....	.....	38	.16	.....
Missouri:						
Kansas City	343,988	190	.55	133	.39	1.4
St. Louis	795,008	253	.32	58	.07	4.4
New Jersey:						
Camden	121,915	.....	.....	41	.34	.....
Elizabeth	101,643	.....	.....	14	.14	.....
Jersey City	305,911	74	.24	38	.12	1.9
Newark	431,792	2,868	6.64	57	.13	50.3
Paterson	138,521	1,052	7.59	22	.16	47.8
Trenton	125,075	248	1.98	46	.37	5.4
New York:						
Albany	116,223	799	6.87	15	.13	53.3
Buffalo	528,163	234	.44	31	.06	7.5
New York	5,839,746	21,042	3.60	869	.15	24.2
Rochester	311,548	106	.34	23	.07	4.6
Syracuse	181,012	125	.69	9	.05	13.9
Utica	101,599	57	.56	1	.01	57.0
Yonkers	105,422	20	.19	10	.09	2.0
Ohio:						
Akron	[1] 208,435	90	.43	24	.12	3.8
Cincinnati	404,865	.....	.....	186	.46	.....
Cleveland	854,565	828	.97	69	.08	12.0
Columbus	253,455	65	.26	51	.20	1.3
Dayton	161,824	.....	.....	8	.05	.....
Toledo	260,717	186	.71	64	.25	2.9
Youngstown	144,970	.....	.....	27	.19	.....
Oregon:						
Portland	269,240	129	.48	105	.39	1.2

[1] Enumerated population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

INFLUENZA—Continued.

City.	Estimated population July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Pennsylvania:						
Erie	109,528	.....	.....	25	0.23	.....
Philadelphia	1,894,500	535	.28	306	.16	1.7
Pittsburgh	607,902	1,949	3.21	167	.27	11.7
Reading	110,022	.....	.....	40	.36	.....
Scranton	139,821	.....	.....	7	.05	.....
Rhode Island:						
Providence	241,011	352	1.46	47	.20	7.5
Tennessee:						
Memphis	167,862	.....	.....	32	.19	.....
Nashville	120,332	.....	.....	64	.53	.....
Texas:						
Dallas	171,974	132	.77	58	.34	2.3
Fort Worth	114,717	.....	.....	11	.10	.....
Houston	150,087	.....	.....	20	.13	.....
San Antonio	178,056	93	.52	21	.12	4.4
Utah:						
Salt Lake City	123,918	51	.41	27	.22	1.9
Virginia:						
Norfolk	124,915	188	1.51	3	.02	62.7
Washington:						
Seattle	[1] 315,312	.....	.....	108	.34	.....
Spokane	104,445	253	2.42	32	.31	7.9
Tacoma	100,369	334	3.33	19	.19	17.6
Wisconsin:						
Milwaukee	476,603	35	.07	14	.03	2.5
70 cities [2]	28,310,866	.....	.....	4,555	.16	.....

MALARIA.

Alabama:						
Birmingham	191,017	102	0.53	3	0.02	34.0
California:						
Los Angeles	634,866	15	.02	1	.00	15.0
Oakland	233,279	3	.01	0	.....	.....
San Francisco	529,792	9	.02	0	.....	.....
Connecticut:						
Hartford	[1] 138,036	12	.09	.....	.....	.....
New Haven	169,987	1	.01	0	.....	.....
District of Columbia:						
Washington	[1] 437,571	.....	.....	3	.01	.....
Georgia:						
Atlanta	220,047	21	.10	1	.00	21.0
Illinois:						
Chicago	2,833,288	11	.00	6	.00	1.8
Kentucky:						
Louisville	256,877	5	.02	1	.00	5.0
Louisiana:						
New Orleans	399,616	62	.16	16	.04	3.9
Maryland:						
Baltimore	762,222	25	.03	1	.00	25.0
Massachusetts:						
Boston	764,017	21	.03	0	.....	.....
Cambridge	110,944	1	.01	0	.....	.....
Fall River	120,790	2	.02	0	.....	.....
Lowell	114,423	.....	.....	2	.02	.....
New Bedford	127,542	1	.01	0	.....	.....
Michigan:						
Detroit	[1] 993,678	9	.01	0	.....	.....
Missouri:						
Kansas City	343,988	.....	.....	3	.01	.....
St. Louis	795,008	.....	.....	8	.01	.....
New Jersey:						
Jersey City	305,911	2	.01	1	.00	2.0
Newark	431,792	18	.04	.....	.....	.....
Paterson	138,521	1	.01	0	.....	.....
New York:						
Albany	116,223	.....	.....	1	.01	.....
Buffalo	528,163	.....	.....	1	.00	.....
New York	5,839,746	88	.02	5	.00	17.6
Syracuse	181,012	2	.01	0	.....	.....

[1] Enumerated population Jan. 1, 1923.
[2] Flint not included.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

MALARIA—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Ohio:						
Akron	[1] 208,435	31	0.15	0	.....	.....
Cleveland	854,565	8	.01	2	0.00	4.0
Columbus	253,455	.....	.....	1	.00	.....
Pennsylvania:						
Erie	109,528	4	.04	0	.....	.....
Philadelphia	1,894,500	7	.00	0	.....	.....
Tennessee:						
Memphis	167,862	434	2.59	33	.20	13.2
Nashville	120,332	.....	.....	1	.01	.....
Texas:						
Dallas	171,974	59	.34	10	.06	5.9
Houston	150,087	.....	.....	10	.07	.....
San Antonio	178,056	.....	.....	12	.07	.....
Virginia:						
Norfolk	124,915	.....	.....	4	.03	.....
Richmond	178,365	.....	.....	4	.02	.....

MEASLES.

City.	Estimated population July 1, 1922.	Median.		1922				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Alabama:								
Birmingham	191,017	9	1,315	106	0.55	1	0.01	0.9
California:								
Los Angeles	634,866	9	3,903	147	.23	2	.00	1.4
Oakland	233,279	8	431	53	.23	0	.....	.....
San Francisco	529,792	9	1,720	321	.61	3	.01	.9
Colorado:								
Denver	267,591	9	1,947	108	.40	1	.00	.9
Connecticut:								
Bridgeport	[1] 143,555	8	302	409	2.85	10	.07	2.4
Hartford	[1] 138,036	8	407	1,320	9.56	9	.07	.7
New Haven	169,987	9	395	1,869	10.99	33	.19	1.8
Delaware:								
Wilmington	115,568	6	110	198	1.71	1	.01	.5
District of Columbia:								
Washington	[1] 437,571	9	2,642	503	1.15	.....	.....	.....
Georgia:								
Atlanta	220,047	5	486	11	.05	0	.....	.....
Illinois:								
Chicago	2,833,288	9	9,025	11,673	4.12	152	.05	1.3
Indiana:								
Indianapolis	333,257	9	2,541	1,521	4.56	3	.01	.2
Iowa:								
Des Moines	136,793	3	57	.....	.....	1	.01	.....
Kentucky:								
Louisville	256,877	9	374	1,475	5.74	9	.04	.6
Louisiana:								
New Orleans	399,616	9	952	19	.05	1	.00	5.3
Maryland:								
Baltimore	762,222	9	4,235	5,042	6.61	41	.05	.8
Massachusetts:								
Boston	764,017	9	5,341	5,356	7.01	46	.06	.9
Cambridge	110,944	6	998	1,492	13.45	10	.09	.7
Fall River	120,790	9	514	1,247	10.32	53	.44	4.3
Lowell	114,423	9	531	145	1.27	2	.02	1.4
Lynn	101,673	7	305	520	5.11	1	.01	.2
New Bedford	127,542	8	419	767	6.01	2	.02	.3
Springfield	140,052	9	617	937	6.69	8	.06	.9
Worcester	188,449	8	500	185	.98	4	.02	2.2

[1] Enumerated population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

MEASLES—Continued.

City.	Estimated population July 1, 1922.	Median.		1922				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Michigan:								
Detroit	[1] 993,678	7	1,661	6,461	6.50	175	0.18	2.7
Flint	111,794	5	379	320	2.86	.....	.....	.....
Grand Rapids	143,572	9	721	53	.37	2	.01	3.8
Minnesota:								
Duluth	104,183	8	155	175	1.68	0	.....	.....
Minneapolis	400,970	7	764	1,091	2.72	15	.04	1.4
St. Paul	239,836	9	1,311	764	3.19	7	.03	.9
Missouri:								
Kansas City	343,988	9	1,366	282	.82	3	.01	1.1
St. Louis	795,008	8	4,317	193	.24	1	.00	.5
Nebraska:								
Omaha	200,739	7	416	611	3.04	.....	.....	.....
New Jersey:								
Camden	121,915	8	305	147	1.21	2	.02	1.4
Elizabeth	101,643	8	348	598	5.88	4	.04	.7
Jersey City	305,911	9	1,132	1,377	4.50	45	.15	3.3
Newark	431,792	9	2,539	3,950	9.16	46	.11	1.2
Paterson	138,521	9	243	1,536	11.09	10	.07	.7
Trenton	125,075	8	323	840	6.72	24	.19	2.9
New York:								
Albany	116,223	9	603	167	1.44	2	.02	1.2
Buffalo	528,163	9	3,375	502	.95	7	.01	1.4
New York	5,839,746	9	27,419	40,569	6.95	977	.17	2.4
Rochester	311,548	8	1,584	1,751	5.62	37	.12	2.1
Syracuse	181,012	9	1,533	96	.53	0	.....	.....
Utica	101,599	8	557	19	.19	0	.....	.....
Yonkers	105,422	8	681	829	7.86	8	.08	1.0
Ohio:								
Akron	[1] 208,435	8	264	1,516	7.27	16	.08	1.1
Cincinnati	404,865	9	1,100	2,520	6.22	29	.07	1.2
Cleveland	854,565	9	2,656	5,843	6.84	67	.08	1.1
Columbus	253,455	9	590	1,044	4.12	3	.01	.3
Dayton	161,824	9	456	113	.70	0	.....	.....
Toledo	260,717	9	943	3,591	13.77	37	.14	1.0
Youngstown	144,970	6	737	536	3.70	13	.09	2.4
Oregon:								
Portland	269,240	6	1,704	69	.26	0	.....	.....
Pennsylvania:								
Erie	109,528	8	776	57	.52	0	.....	.....
Philadelphia	1,894,500	9	8,792	22,134	11.68	303	.16	1.4
Pittsburgh	607,902	9	5,638	4,836	7.96	56	.09	1.2
Reading	110,022	8	682	1,080	9.82	11	.10	1.0
Scranton	139,521	8	353	264	1.89	3	.02	1.1
Rhode Island:								
Providence	241,011	9	360	1,022	4.24	4	.02	.4
Tennessee:								
Memphis	167,862	5	721	10	.06	0	.....	.....
Nashville	120,332	9	408	8	.07	.....	.....	.....
Texas:								
Dallas	171,974	7	93	1,641	9.54	3	.02	.2
Forth Worth	114,717	7	54	18	.16	.....	.....	.....
San Antonio	178,056	8	138	5	.03	0	.....	.....
Utah:								
Salt Lake City	123,918	9	1,346	29	.23	2	.02	6.9
Virginia:								
Norfolk	124,915	4	329	26	.21	0	.....	.....
Richmond	178,355	8	1,208	1,265	7.09	2	.01	.2
Washington:								
Seattle	[1] 315,312	9	1,572	61	.19	0	.....	.....
Spokane	104,445	7	399	20	.19	0	.....	.....
Tacoma	100,369	7	249	17	.17	0	.....	.....
Wisconsin:								
Milwaukee	476,603	8	1,433	6,681	14.02	7	.01	.1
72 cities [2]	28,914,520	.....	124,743	152,167	5.26	2,313	.08	1.5

[1] Enumerated population Jan. 1, 1920.
[2] Des Moines not included.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

MUMPS.

City.	Estimated population July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Alabama:						
Birmingham	191,017	55	0.29	0	.....	.....
California:						
Los Angeles	634,866	416	.66	0	.....	.....
Oakland	233,279	53	.23	0	.....	.....
San Francisco	529,792	244	.46	0	.....	.....
Colorado:						
Denver	267,591	598	2.23	0	.....	.....
Connecticut:						
Bridgeport	[1] 143,555	20	.14	0	.....	.....
Hartford	[1] 138,036	29	.21	.....	.....	.....
New Haven	169,987	13	.08	0	.....	.....
Georgia:						
Atlanta	220,047	75	.34	0	.....	.....
Illinois:						
Chicago	2,833,288	933	.33	4	0.00	0.4
Indiana:						
Indianapolis	333,257	155	.47	0	.....	.....
Maryland:						
Baltimore	762,222	3,005	3.94	0	.....	.....
Massachusetts:						
Boston	764,017	1,092	1.43	0	.....	.....
Cambridge	110,944	338	3.05	0	.....	.....
Fall River	120,790	108	.89	0	.....	.....
Lowell	114,423	13	.11	0	.....	.....
Lynn	101,673	24	.24	0	.....	.....
New Bedford	127,542	19	.15	0	.....	.....
Springfield	140,052	263	1.88	0	.....	.....
Worcester	188,449	9	.05	0	.....	.....
Michigan:						
Detroit	[1] 993,678	306	.31	0	.....	.....
Flint	111,794	72	.64	.....	.....	.....
Grand Rapids	143,572	82	.57	0	.....	.....
Minnesota:						
Duluth	104,183	344	3.30	0	.....	.....
Minneapolis	400,970	59	.15	0	.....	.....
St. Paul	239,836	61	.25	0	.....	.....
Missouri:						
Kansas City	343,988	159	.46	.....	.....	.....
St. Louis	795,008	174	.22	.....	.....	.....
Nebraska:						
Omaha	200,739	315	1.57	.....	.....	.....
New Jersey:						
Camden	121,915	55	.45	0	.....	.....
Elizabeth	101,643	196	1.93	0	.....	.....
Jersey City	305,911	4	.01	0	.....	.....
Newark	431,792	718	1.66	.....	.....	.....
Paterson	138,521	61	.44	0	.....	.....
Trenton	125,075	4	.03	2	.02	50.0
New York						
Albany	116,223	187	1.61	0	.....	.....
Buffalo	528,163	275	.52	.....	.....	.....
New York	5,839,746	3,108	.53	9	.00	.3
Rochester	311,548	391	1.26	0	.....	.....
Syracuse	181,012	294	1.62	0	.....	.....
Utica	101,599	12	.12	0	.....	.....
Yonkers	105,422	199	1.89	0	.....	.....
Ohio:						
Akron	[1] 208,435	46	.22	0	.....	.....
Cleveland	854,565	266	.31	0	.....	.....
Columbus	253,455	.....	.....	1	.00	.....
Dayton	161,824	10	.06	0	.....	.....
Toledo	260,717	13	.05	.....	.....	.....
Youngstown	144,970	7	.05	0	.....	.....
Oregon:						
Portland	269,240	110	.41	0	.....	.....
Pennsylvania:						
Erie	109,528	97	.89	0	.....	.....
Philadelphia	1,894,500	889	.47	0	.....	.....
Pittsburgh	607,902	511	.84	0	.....	.....
Reading	110,022	23	.21	0	.....	.....
Scranton	139,821	31	.22	0	.....	.....
Rhode Island:						
Providence	241,011	84	.35	0	.....	.....
Tennessee:						
Memphis	167,862	43	.26	0	.....	.....
Nashville	120,332	32	.27	.....	.....	.....

[1] Enumerated population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

MUMPS—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Texas:						
Dallas	171,974	25	0.15	0	.....	.....
Fort Worth	114,717	1	.01	.....	.....	.....
San Antonio	178,056	3	.02	0	.....	.....
Utah:						
Salt Lake City	123,918	288	2.32	0	.....	.....
Virginia:						
Norfolk	124,915	13	.10	0	.....	.....
Richmond	178,365	22	.12	0	.....	.....
Washington:						
Seattle	[1] 315,312	794	2.52	0	.....	.....
Spokane	104,445	24	.23	0	.....	.....
Tacoma	100,369	26	.26	0	.....	.....
Wisconsin:						
Milwaukee	476,603	1,600	3.36	0	.....	.....
66 cities [2]	27,046,568	19,496	.72	15	0.00	0.1

PELLAGRA.

City.	Estimated population July 1, 1922.	Median.		1922				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Alabama:								
Birmingham	191,017	5	97	.....	.....	16	0.08	.....
California:								
Los Angeles	634,866	7	7	1	0.00	0	.....	.....
Oakland	233,279	4	0	2	.01	.....	.....	.....
San Francisco	529,792	4	1	.....	.....	1	.00	.....
Colorado:								
Denver	267,591	5	0	.....	.....	2	.01	.....
District of Columbia:								
Washington	[1] 437,571	6	15	3	.01	2	.00	1.5
Georgia:								
Atlanta	220,047	.....	.....	.....	.....	43	.20	.....
Illinois:								
Chicago	2,833,288	.....	.....	.....	.....	2	.00	.....
Kentucky:								
Louisville	256,877	5	2	.....	.....	1	.00	.....
Louisiana:								
New Orleans	399,616	7	52	21	.05	16	.04	1.3
Maryland:								
Baltimore	762,222	3	5	2	.00	1	.00	2.0
Massachusetts:								
Boston	764,017	7	5	6	.01	4	.01	1.5
Fall River	120,790	5	0	1	.01	0	.....	.....
Michigan:								
Detroit	[1] 993,678	4	0	1	.00	0	.....	.....
New York:								
New York	5,839,746	4	4	.....	.....	3	.00	.....
Ohio:								
Cleveland	854,565	5	1	1	.00	0	.....	.....
Pennsylvania:								
Philadelphia	1,894,500	6	3	.....	.....	1	.00	.....
Rhode Island:								
Providence	241,011	6	0	.....	.....	1	.00	.....
Tennessee:								
Memphis	167,862	3	66	.....	.....	12	.07	.....
Nashville	120,332	4	213	.....	.....	11	.09	.....
Texas:								
Dallas	171,974	6	31	.....	.....	17	.10	.....
Fort Worth	114,717	2	19	.....	.....	14	.12	.....
Houston	150,087	2	21	.....	.....	13	.09	.....
San Antonio	178,056	1	0	.....	.....	4	.02	.....

[1] Enumerated population Jan. 1, 1920.
[2] Columbus not included.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

PELLAGRA—Continued.

City.	Estimated population July 1, 1922.	Median.		1922				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Utah:								
Salt Lake City	123,918	4	0	.....	.....	1	0.01	.....
Virginia:								
Norfolk	124,915	1	3	.....	.....	6	.05	.....
Washington:								
Seattle	[1] 315,312	6	0	.....	.....	1	.00	.....
26 cities [2]	18,708,367	.....	.....	.....	.....	172	.01	.....

[2] Oakland not included.

PNEUMONIA (ALL FORMS).

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Alabama:						
Birmingham	191,017	.....	.....	263	1.38	.....
California:						
Los Angeles	634,866	1,928	3.04	718	1.13	2.7
Oakland	233,279	259	1.11	220	.94	1.2
San Francisco	529,792	.....	.....	689	1.30	.....
Colorado:						
Denver	267,591	.....	.....	510	1.91	.....
Connecticut:						
Bridgeport	[1] 143,555	.....	.....	197	1.37	.....
Hartford	[1] 138,036	[2] 134	[2] .97	74	.54	.....
New Haven	169,987	.....	.....	313	1.84	.....
Delaware:						
Wilmington	115,568	.....	.....	149	1.29	.....
District of Columbia:						
Washington	[1] 437,571	.....	.....	639	1.46	.....
Georgia:						
Atlanta	220,047	.....	.....	440	2.00	.....
Illinois:						
Chicago	2,833,288	9,830	3.47	2,779	.98	3.5
Indiana:						
Indianapolis	333,257	.....	.....	517	1.55	.....
Iowa:						
Des Moines	136,793	.....	.....	151	1.10	.....
Kentucky:						
Louisville	256,877	580	2.26	379	1.48	1.5
Louisiana:						
New Orleans	399,616	.....	.....	289	.72	.....
Maryland:						
Baltimore	762,222	2,374	3.11	1,106	1.45	2.1
Massachusetts:						
Boston	764,017	1,391	1.82	1,270	1.66	.....
Cambridge	110,944	[2] 246	[2] 2.22	71	.64	.....
Fall River	120,790	[2] 206	[2] 1.71	190	1.57	.....
Lowell	114,423	[2] 126	[2] 1.10	155	1.35	.....
Lynn	101,673	[2] 153	[2] 1.50	58	.57	.....
New Bedford	127,542	.....	.....	228	1.79	.....
Springfield	140,052	[2] 182	[2] 1.30	62	.44	.....
Worcester	188,449	[2] 339	[2] 1.80	204	1.08	.....
Michigan:						
Detroit	[1] 993,678	3,715	3.74	1,410	1.42	2.6
Flint	111,794	96	.86	80	.72	1.2
Grand Rapids	143,572	236	1.64	116	.81	2.0

[1] Enumerated population Jan. 1, 1920.
[2] Lobar pneumonia only.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

PNEUMONIA (ALL FORMS)—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Minnesota:						
Duluth	104,183	299	2.87	94	0.90	3.2
Minneapolis	400,970	.....	.....	348	.87	.....
St. Paul	239,836	.....	.....	254	1.06	.....
Missouri:						
Kansas City	343,988	934	2.72	642	1.87	1.5
St. Louis	795,008	.....	.....	1,473	1.85	.....
Nebraska:						
Omaha	200,739	.....	.....	365	1.82	.....
New Jersey:						
Camden	121,915	.....	.....	244	2.00	.....
Elizabeth	101,643	.....	.....	132	1.30	.....
Jersey City	305,911	.....	.....	513	1.68	.....
Newark	431,792	2,764	6.40	571	1.32	4.8
Paterson	138,521	413	2.98	244	1.76	1.7
Trenton	125,075	505	4.04	211	1.69	2.4
New York:						
Albany	116,223	590	5.08	183	1.57	3.2
Buffalo	528,163	1,150	2.18	498	.94	2.3
New York	5,839,746	19,121	3.27	8,794	1.51	2.2
Rochester	311,548	766	2.46	341	1.09	2.2
Syracuse	181,012	563	3.11	196	1.08	2.9
Utica	101,599	281	2.77	112	1.10	2.5
Yonkers	105,422	.....	.....	242	2.30	.....
Ohio:						
Akron	[1] 208,435	239	1.15	194	.93	1.2
Cincinnati	404,865	.....	.....	526	1.30	.....
Cleveland	854,565	1,738	2.03	993	1.16	1.8
Columbus	253,455	.....	.....	249	.98	.....
Dayton	161,824	.....	.....	144	.89	.....
Toledo	260,717	.....	.....	247	.95	.....
Youngstown	144,970	.....	.....	193	1.33	.....
Oregon:						
Portland	269,240	.....	.....	263	.98	.....
Pennsylvania:						
Erie	109,528	.....	.....	138	1.26	.....
Philadelphia	1,894,500	3,838	2.03	2,786	1.47	1.4
Pittsburgh	607,902	.....	.....	1,732	2.85	.....
Reading	110,022	.....	.....	140	1.27	.....
Scranton	139,821	.....	.....	240	1.72	.....
Rhode Island:						
Providence	241,011	.....	.....	369	1.53	.....
Tennessee:						
Memphis	167,862	.....	.....	350	2.09	.....
Nashville	120,332	.....	.....	178	1.48	.....
Texas:						
Dallas	171,974	.....	.....	202	1.17	.....
Fort Worth	114,717	.....	.....	133	1.16	.....
Houston	150,087	.....	.....	91	.61	.....
San Antonio	178,056	.....	.....	212	1.19	.....
Utah:						
Salt Lake City	123,918	.....	.....	210	1.69	.....
Virginia:						
Norfolk	124,915	.....	.....	145	1.16	.....
Richmond	178,365	.....	.....	254	1.42	.....
Washington:						
Seattle	[1] 315,312	.....	.....	233	.74	.....
Spokane	104,445	151	1.45	131	1.25	1.2
Tacoma	100,369	.....	.....	115	1.15	.....
Wisconsin:						
Milwaukee	476,603	.....	.....	479	1.01	.....
74 cities	29,201,400	.....	.....	39,681	1.36	.....

[1] Enumerated population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

POLIOMYELITIS (INFANTILE PARALYSIS).

City.	Estimated population July 1, 1922.	Median.		1922				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Alabama:								
Birmingham	191,017	9	2	8	0.04	4	0.02	50.0
California:								
Los Angeles	634,866	9	15	22	.03	0	.....	.....
Oakland	233,279	7	2	1	.00	0	.....	.....
San Francisco	529,792	9	8	.....	.....	1	.00	.....
Connecticut:								
Bridgeport	[1] 143,555	7	2	9	.06	2	.01	22.2
Hartford	[1] 138,036	8	4	.....	.....	1	.01	.....
New Haven	169,987	7	3	14	.08	4	.02	28.6
District of Columbia:								
Washington	[1] 437,571	9	6	5	.01	.....	.....	.....
Illinois:								
Chicago	2,833,288	9	96	49	.02	15	.01	30.6
Indiana:								
Indianapolis	333,257	8	3	2	.01	0	.....	.....
Kentucky:								
Louisville	256,877	8	2	1	.00	0	.....	.....
Louisiana:								
New Orleans	399,616	9	5	4	.01	0	.....	.....
Maryland:								
Baltimore	762,222	9	26	26	.03	4	.01	15.4
Massachusetts:								
Boston	764,017	9	23	49	.06	11	.01	22.4
Cambridge	110,944	6	5	4	.04	0	.....	.....
Fall River	120,790	8	4	12	.10	1	.01	8.3
Lowell	114,423	8	8	.....	.....	1	.01	.....
Lynn	101,673	7	2	7	.07	1	.01	14.3
New Bedford	127,542	8	1	15	.12	5	.04	33.3
Springfield	140,052	9	7	1	.01	0	.....	.....
Worcester	188,449	7	6	4	.02	0	.....	.....
Michigan:								
Detroit	[1] 993,678	7	17	9	.01	2	.00	22.2
Flint	111,794	5	13	2	.02	.....	.....	.....
Grand Rapids	143,572	8	4	.....	.....	1	.01	.....
Minnesota:								
Minneapolis	400,970	7	7	4	.01	1	.00	25.0
St. Paul	239,836	9	4	.....	.....	2	.01	.....
Missouri:								
St. Louis	795,008	9	16	7	.01	2	.00	28.6
New Jersey:								
Elizabeth	101,643	5	2	.....	.....	2	.02	.....
Jersey City	305,911	9	3	3	.01	0	.....	.....
Newark	431,792	9	19	22	.05	1	.00	4.5
Paterson	138,521	9	2	11	.08	2	.01	18.2
Trenton	125,075	8	1	.....	.....	2	.02	.....
New York:								
Albany	116,223	7	0	3	.03	0	.....	.....
Buffalo	528,163	9	9	4	.01	2	.00	50.0
New York	5,839,746	9	138	224	.04	51	.01	22.8
Rochester	311,548	8	3	.....	.....	4	.01	.....
Syracuse	181,012	8	4	46	.25	.....	.....	.....
Utica	101,599	7	1	2	.02	0	.....	.....
Yonkers	105,422	8	1	4	.04	0	.....	.....
Ohio:								
Akron	[1] 208,435	6	10	1	.00	0	.....	.....
Cleveland	854,565	9	34	6	.01	2	.00	33.3
Columbus	253,455	9	4	.....	.....	1	.00	.....
Dayton	161,824	8	2	.....	.....	1	.01	.....
Toledo	260,717	7	4	4	.01	1	.00	25.0
Youngstown	144,970	6	3	.....	.....	1	.01	.....
Pennsylvania:								
Philadelphia	1,894,500	9	19	22	.01	2	.00	9.1
Pittsburgh	607,902	9	13	3	.00	1	.00	33.3
Reading	110,022	8	2	1	.01	0	.....	.....
Rhode Island:								
Providence	241,011	9	9	57	.24	14	.06	24.6
Tennessee:								
Memphis	167,862	5	0	10	.06	0	.....	.....
Nashville	120,332	7	1	2	.02	.....	.....	.....

[1] Enumerated population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

POLIOMYELITIS (INFANTILE PARALYSIS)—Continued.

City.	Estimated population July 1, 1922.	Median.		1922				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Texas:								
Dallas	171,974	7	2	.....	.....	2	0.01	.....
Fort Worth	114,717	6	0	.....	.....	2	.02	.....
Utah:								
Salt Lake City	123,918	6	4	.....	.....	2	.02	.....
Virginia:								
Norfolk	124,915	4	1	2	0.02	0	.....	.....
Richmond	178,365	6	7	3	.02	1	.01	33.3
Washington:								
Seattle	[1] 315,312	8	2	.....	.....	2	.01	.....
Tacoma	100,369	6	1	3	.03	2	.02	66.7
Wisconsin:								
Milwaukee	476,603	6	24	8	.02	2	.00	25.0

RABIES IN ANIMALS.

City.	Cases reported, 1922.	City.	Cases reported, 1922.
California:		Missouri:	
Los Angeles	273	Kansas City	54
Oakland	8	St. Louis	7
District of Columbia:		New Jersey:	
Washington	24	Jersey City	3
Illinois:		Newark	6
Chicago	56	New York:	
Kentucky:		New York	50
Louisville	37	Ohio:	
Massachusetts:		Cleveland	62
Boston	21	Rhode Island:	
Cambridge	18	Providence	1
Michigan:		Tennessee:	
Detroit	21	Memphis	73
Grand Rapids	4	Texas:	
Minnesota:		Houston	19
St. Paul	1	San Antonio	9

RABIES IN MAN.

City.	Cases reported, 1922.	Deaths registered, 1922.	City.	Cases reported, 1922.	Deaths registered, 1922.
California:			Ohio:		
Los Angeles	3	3	Cleveland	.....	1
Kentucky:			Pennsylvania:		
Louisville	1	1	Pittsburgh	3	3
Massachusetts:			Rhode Island:		
Boston	2	2	Providence	1	1
Missouri:			Texas:		
Kansas City	1	1	Dallas	.....	2
New York:			San Antonio	1	0
New York	1	1			

[1] Enumerated population Jan. 1, 1923.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

SCARLET FEVER.

City.	Estimated population July 1, 1922.	Median.		1922				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Alabama:								
Birmingham	191,017	9	193	130	0.68	4	0.02	3.1
California:								
Los Angeles	634,866	9	504	1,141	1.80	10	.02	.9
Oakland	233,279	8	275	305	1.31	0	.....	.....
San Francisco	529,792	9	435	504	.95	3	.01	.6
Colorado:								
Denver	267,591	9	480	549	2.05	9	.03	1.6
Connecticut:								
Bridgeport	[1] 143,555	9	150	365	2.54	3	.09	3.6
Hartford	[1] 138,036	8	165	162	1.17	1	.01	.6
New Haven	169,987	9	240	274	1.61	3	.02	1.1
Delaware:								
Wilmington	115,568	8	94	1,001	8.66	10	.09	1.0
District of Columbia:								
Washington	[1] 437,571	9	665	478	1.09	3	.01	.6
Georgia:								
Atlanta	220,047	6	180	255	1.16	3	.01	1.2
Illinois:								
Chicago	2,833,288	9	5,459	3,898	1.38	110	.04	2.8
Indiana:								
Indianapolis	333,257	9	575	348	1.04	8	.02	2.3
Iowa:								
Des Moines	136,793	5	200	.....	.....	9	.07	.....
Kentucky:								
Louisville	256,877	9	288	153	.60	1	.00	.7
Louisiana:								
New Orleans	399,616	9	137	246	.62	1	.00	.4
Maryland:								
Baltimore	762,222	9	1,065	1,195	1.57	9	.01	.8
Massachusetts:								
Boston	764,017	9	1,999	1,520	1.99	15	.06	3.0
Cambridge	110,944	6	176	285	2.57	0	.....	.....
Fall River	120,790	9	119	165	1.37	4	.03	2.4
Lowell	115,423	9	102	130	1.14	1	.01	.8
Lynn	101,673	7	276	191	1.88	0	.....	.....
New Bedford	127,542	8	149	217	1.70	4	.03	1.8
Springfield	140,052	9	181	185	1.32	4	.03	2.2
Worcester	188,449	8	306	380	2.02	13	.07	3.4
Michigan:								
Detroit	[1] 993,678	9	1,904	2,955	2.97	46	.05	1.6
Flint	111,794	5	470	433	3.87	3	.03	.7
Grand Rapids	143,572	9	297	301	2.10	3	.02	1.0
Minnesota:								
Duluth	104,183	8	237	216	2.07	2	.02	.9
Minneapolis	400,970	7	712	1,709	4.25	34	.08	2.0
St. Paul	239,836	9	526	1,562	6.51	33	.14	2.1
Missouri:								
Kansas City	343,988	9	395	269	.78	9	.03	3.3
St. Louis	795,008	9	1,175	917	1.15	10	.01	1.1
Nebraska:								
Omaha	200,739	8	378	159	.79	1	.00	.6
New Jersey:								
Camden	121,915	8	102	128	1.05	2	.02	1.6
Elizabeth	101,643	8	239	365	3.59	2	.02	.5
Jersey City	305,911	9	567	631	2.06	11	.04	1.7
Newark	431,792	9	885	1,597	3.70	15	.03	.9
Paterson	138,521	9	124	180	1.30	1	.01	.6
Trenton	125,075	8	95	246	1.97	1	.01	.4
New York:								
Albany	116,223	9	148	69	0.59	2	.02	2.9
Buffalo	528,163	9	651	1,287	2.44	32	.06	2.5
New York	5,839,746	9	6,537	10,269	1.76	216	.04	2.1
Rochester	311,548	8	505	48	.15	9	.03	18.7
Syracuse	181,012	9	412	564	3.12	13	.07	2.3
Utica	101,599	8	94	386	3.80	7	.07	1.8
Yonkers	105,422	8	200	277	2.63	6	.06	2.2
Ohio:								
Akron	208,435	8	296	491	2.36	15	.07	3.1
Cincinnati	404,865	9	508	337	.83	4	.01	1.2
Cleveland	854,565	9	866	2,831	3.31	40	.05	1.4
Columbus	253,455	9	308	200	.79	2	.01	1.0

[1] Enumerated population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

SCARLET FEVER—Continued.

City.	Estimated population July 1, 1922.	Median.		1922				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Ohio—Continued.								
Dayton	161,824	9	236	277	1.71	0	.....	.....
Toledo	260,717	9	442	363	1.39	3	0.01	0.8
Youngstown	144,970	6	198	254	1.75	5	.03	2.0
Oregon:								
Portland	269,240	6	383	237	.88	4	.01	1.7
Pennsylvania:								
Erie	109,528	8	130	152	1.39	0	.....	.....
Philadelphia	1,894,500	9	1,944	3,765	1.99	86	.05	2.3
Pittsburgh	607,902	9	1,470	1,642	2.70	31	.05	1.9
Reading	110,022	8	152	41	.37	0	.....	.....
Scranton	139,821	8	203	99	.71	0	.....	.....
Rhode Island:								
Providence	241,011	9	539	161	.67	2	.01	1.2
Tennessee:								
Memphis	167,862	5	177	190	1.13	7	.04	3.7
Nashville	120,332	8	116	112	.93	.....	.....	.....
Texas:								
Dallas	171,974	7	110	144	.84	5	.03	3.5
Fort Worth	114,717	7	62	63	.55	.....	.....	.....
Houston	150,087	6	44	42	.28	1	.01	2.4
San Antonio	178,056	8	37	25	.14	0	.....	.....
Utah:								
Salt Lake City	123,918	9	231	119	.96	1	.01	.8
Virginia:								
Norfolk	124,915	4	93	82	.66	0	.....	.....
Richmond	178,365	8	225	389	2.18	3	.02	.8
Washington:								
Seattle	[1] 315,312	9	285	265	.84	2	.01	.8
Spokane	104,445	7	147	247	2.36	4	.04	1.6
Tacoma	100,369	7	107	126	1.26	0	.....	.....
Wisconsin:								
Milwaukee	476,603	8	1,304	1,151	2.42	17	.04	1.5
73 cities [2]	29,064,607	.....	41,479	52,450	1.80	949	.03	1.8

SEPTIC SORE THROAT.

City.	Estimated population July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Alabama:						
Birmingham	191,017	1	0.01	0	.....	.....
Connecticut:						
Bridgeport	[1] 143,555	.....	.....	2	0.01	.....
Hartford	[1] 138,036	1	.01	.....	.....	.....
Illinois:						
Chicago	2,833,288	108	.04	18	.01	16.7
Louisiana:						
New Orleans	399,616	1	.00	0	.....	.....
Maryland:						
Baltimore	762,222	27	.04	0	.....	.....
Massachusetts:						
Boston	764,017	43	.06	11	.01	25.6
Cambridge	110,944	4	.04	0	.....	.....
Fall River	120,790	7	.06	0	.....	.....
Lowell	114,423	1	.01	0	.....	.....
Lynn	101,673	1	.01	0	.....	.....
New Bedford	127,542	6	.05	0	.....	.....
Springfield	140,052	.....	.....	2	.01	.....
Michigan:						
Flint	111,794	.....	.....	2	.02	.....
Minnesota:						
Minneapolis	400,970	.....	.....	6	.01	.....
New York:						
Albany	116,223	9	.08	2	.02	22.2
New York	5,839,746	15	.00	.....	.....	.....
Syracuse	181,012	2	.01	0	.....	.....

[1] Enumerated population Jan. 1, 1920.

[2] Des Moines not included.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

SEPTIC SORE THROAT—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Ohio:						
Akron	[1] 208,435	2	0.01	1	0.00	50.0
Oregon:						
Portland	269,240	101	.38	19	.07	18.8
Rhode Island:						
Providence	241,011	.....	.....	2	.01	.....
Tennessee:						
Memphis	167,862	.....	.....	1	.01	.....
Texas:						
Dallas	171,974	2	.01	0	.....	.....
San Antonio	178,056	.....	.....	1	.01	.....

SMALLPOX.

City.	Estimated population July 1, 1922.	Median.		1922				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Alabama:								
Birmingham	191,017	9	189	10	0.05	0	.....	.....
California:								
Los Angeles	634,866	9	88	78	.12	5	0.01	6.4
Oakland	233,279	8	21	73	.31	0	.....	.....
San Francisco	529,792	9	97	77	.15	0	.....	.....
Colorado:								
Denver	267,591	9	156	784	2.93	248	.93	31.6
Connecticut:								
Bridgeport	[1] 143,555	9	0	236	1.64	4	.03	1.7
New Haven	169,987	6	0	4	.02	.....	.....	.....
Delaware:								
Wilmington	115,568	3	1	1	.01	0	.....	.....
District of Columbia:								
Washington	[1] 437,571	9	66	66	.15	.....	.....	.....
Georgia:								
Atlanta	220,047	5	284	67	.30	.....	.....	.....
Illinois:								
Chicago	2,833,288	9	136	95	.03	15	.01	15.8
Indiana:								
Indianapolis	333,257	9	349	54	.16	1	.00	1.9
Kentucky:								
Louisville	256,877	9	67	45	.18	0	.....	.....
Louisiana:								
New Orleans	399,616	9	192	4	.01	0	.....	.....
Maryland:								
Baltimore	762,222	8	29	1	.00	1	.00	.....
Michigan:								
Detroit	[1] 993,678	9	539	85	.09	0	.....	.....
Flint	111,794	5	66	31	.28	.....	.....	.....
Grand Rapids	143,572	8	37	24	.17	0	.....	.....
Minnesota:								
Duluth	104,183	7	108	189	1.81	0	.....	.....
Minneapolis	400,970	7	560	268	.67	1	.00	.4
St. Paul	239,836	9	310	419	1.75	0	.....	.....
Missouri:								
Kansas City	343,988	9	514	136	.40	63	.18	46.3
St. Louis	795,008	9	169	32	.04	.....	.....	.....
Nebraska:								
Omaha	200,739	7	445	32	.16	2	.01	6.2
New Jersey:								
Trenton	125,075	6	0	1	.01	0	.....	.....
New York:								
New York	5,839,746	9	20	10	.00	1	.00	10.0
Ohio:								
Akron	[1] 208,435	8	122	7	.03	0	.....	.....
Cincinnati	404,865	8	89	50	.12	.....	.....	.....
Cleveland	854,565	9	134	10	.01	.....	.....	.....
Columbus	253,455	9	85	15	.06	0	.....	.....

[1] Enumerated population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

SMALLPOX—Continued.

City.	Estimated population July 1, 1922.	Median.		1922				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Ohio—Continued.								
Dayton	161,824	8	38	112	0.69	0	.....	.....
Toledo	260,717	9	210	129	.49	.....	.....	.....
Youngstown	144,970	6	200	1	.01	0	.....	.....
Oregon:								
Portland	269,240	6	349	833	3.09	1	0.00	0.1
Pennsylvania:								
Philadelphia	1,894,500	8	12	27	.01	0	.....	.....
Pittsburgh	607,902	9	9	4	.01	0	.....	.....
Tennessee:								
Memphis	167,862	5	151	24	.14	0	.....	.....
Nashville	120,332	9	44	46	.38	1	.01	2.2
Texas:								
Dallas	171,974	7	203	46	.27	0	.....	.....
Fort Worth	114,717	7	96	21	.18	1	.01	4.8
Houston	150,087	6	44	30	.20	1	.01	3.3
San Antonio	178,056	8	28	9	.05	0	.....	.....
Utah:								
Salt Lake City	123,918	9	327	136	1.10	3	.02	2.2
Virginia:								
Richmond	178,365	8	6	2	.01	0	.....	.....
Washington:								
Seattle	[1] 315,312	9	108	59	.19	0	.....	.....
Spokane	104,445	7	368	286	2.74	0	.....	.....
Tacoma	100,369	7	59	197	1.96	0	.....	.....
Wisconsin:								
Milwaukee	476,603	8	393	112	.23	2	.00	1.8
48 cities	24,089,635	.....	7,518	4,978	.21	350	.01	7.0

TUBERCULOSIS (ALL FORMS).

City.	Estimated population July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Alabama:						
Birmingham	191,017	304	1.59	261	1.37	1.2
California:						
Los Angeles	634,866	3,144	4.95	1,170	1.84	2.7
Oakland	233,279	.....	.....	166	.71	.....
San Francisco	529,792	1,533	2.89	637	1.20	2.4
Colorado:						
Denver	267,591	.....	.....	585	2.19	.....
Connecticut:						
Bridgeport	[1] 143,555	.....	.....	124	.86	.....
Hartford	[1] 138,036	.....	.....	69	.50	.....
New Haven	169,987	374	2.20	120	.71	3.1
Delaware:						
Wilmington	115,568	.....	.....	76	.66	.....
District of Columbia:						
Washington	[1] 437,571	1,335	3.05	569	1.30	2.3
Georgia:						
Atlanta	220,047	666	3.03	246	1.12	2.7
Illinois:						
Chicago	2,833,288	10,519	3.71	2,220	.78	4.7
Indiana:						
Indianapolis	333,257	.....	.....	376	1.13	.....
Iowa:						
Des Moines	136,793	.....	.....	69	.50	.....
Kentucky:						
Louisville	256,877	834	3.25	297	1.16	2.8
Louisiana:						
New Orleans	399,616	1,238	3.10	742	1.86	1.7
Maryland:						
Baltimore	762,222	1,451	1.90	1,007	1.32	1.4

[1] Enumerated population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

TUBERCULOSIS (ALL FORMS)—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Massachusetts:						
Boston	764,017	2,351	3.08	843	1.10	2.8
Cambridge	110,944	221	1.99	132	1.19	1.7
Fall River	120,790	231	1.91	136	1.13	1.7
Lowell	114,423	214	1.87	102	.89	2.1
Lynn	101,673	158	1.55	86	.85	1.8
New Bedford	127,542	322	2.52	136	1.07	2.4
Springfield	140,052	193	1.38	83	.59	2.3
Worcester	188,449	257	1.36	143	.76	1.8
Michigan:						
Detroit	[1] 993,678	2,471	2.49	950	.96	2.6
Flint	111,794	123	1.10	45	.40	2.7
Grand Rapids	143,572	222	1.55	75	.52	3.0
Minnesota:						
Duluth	104,183	199	1.91	67	.64	3.0
Minneapolis	400,970	1,277	3.18	313	.78	4.1
St. Paul	239,836	586	2.44	216	.90	2.7
Missouri:						
Kansas City	343,988	404	1.17	336	.98	1.2
St. Louis	795,008	1,846	2.32	941	1.18	2.0
Nebraska:						
Omaha	200,739	695	3.46	144	.72	4.8
New Jersey:						
Camden	121,915	135	1.11	77	.63	1.8
Elizabeth	101,643	114	1.12	48	.47	2.4
Jersey City	305,911	542	1.77	276	.90	2.0
Newark	431,792	1,192	2.76	428	.99	2.8
Paterson	138,521	227	1.64	123	.89	1.8
Trenton	125,075	265	2.12	143	1.14	1.9
New York:						
Albany	116,223	230	1.98	130	1.12	1.8
Buffalo	528,163	1,031	1.95	502	.95	2.1
New York	5,839,746	13,883	2.38	5,802	.99	2.4
Rochester	311,548	695	2.23	145	.47	4.8
Syracuse	181,012	314	1.70	83	.46	3.8
Utica	101,599	108	1.06	68	.67	1.6
Yonkers	105,422	219	2.08	76	.72	2.9
Ohio:						
Akron	[1] 208,435	360	1.73	109	.52	3.3
Cincinnati	404,865	874	2.15	587	1.45	1.5
Cleveland	854,565	2,174	2.54	795	.93	2.7
Columbus	253,455	324	1.28	252	.99	1.3
Dayton	161,824	.....	.....	124	.77	.....
Toledo	260,717	.....	.....	271	1.04	.....
Youngstown	144,970	204	1.41	103	.71	2.0
Oregon:						
Portland	269,240	393	1.46	170	.63	2.3
Pennsylvania:						
Erie	109,528	345	3.15	94	.86	3.7
Philadelphia	1,894,500	3,559	1.88	2,162	1.14	1.6
Pittsburgh	607,902	.....	.....	660	1.09	.....
Scranton	139,821	.....	.....	75	.54	.....
Rhode Island:						
Providence	241,011	.....	.....	196	.81	.....
Tennessee:						
Memphis	167,862	571	3.40	261	1.55	2.2
Nashville	120,332	215	1.79	185	1.54	1.2
Texas:						
Dallas	171,974	.....	.....	156	.91	.....
Houston	150,087	182	1.21	155	1.03	1.2
San Antonio	178,056	.....	.....	420	2.36	.....
Utah:						
Salt Lake City	123,918	.....	.....	92	.74	.....
Virginia:						
Norfolk	124,915	222	1.78	149	1.19	1.5
Richmond	178,365	524	2.94	237	1.33	2.2
Washington:						
Seattle	[1] 315,312	553	1.75	227	.72	2.4
Spokane	104,445	78	.75	54	.52	1.4
Tacoma	100,369	.....	.....	52	.52	.....
Wisconsin:						
Milwaukee	476,603	.....	.....	294	.62	.....
72 cities	28,976,661	.....	.....	29,263	1.01	.....

[1] Enumerated population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

TUBERCULOSIS (PULMONARY).

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Alabama:						
Birmingham	191,017	293	1.53	222	1.16	1.3
California:						
Los Angeles	634,866	.....	.....	1,005	1.58	.....
San Francisco	529,792	.....	.....	536	1.01	.....
Colorado:						
Denver	267,591	.....	.....	516	1.93	.....
Connecticut:						
Bridgeport	[1] 143,555	198	1.38	110	.77	1.8
Hartford	[1] 138,036	168	1.22	56	.41	3.0
New Haven	169,987	339	1.99	89	.52	3.8
Delaware:						
Wilmington	115,568	.....	.....	65	.56	.....
District of Columbia:						
Washington	[1] 437,571	1,263	2.89	491	1.12	2.6
Illinois:						
Chicago	2,833,288	.....	.....	1,910	.67	.....
Indiana:						
Indianapolis	333,257	.....	.....	320	.96	.....
Iowa:						
Des Moines	136,793	.....	.....	57	.42	.....
Louisiana:						
New Orleans	399,616	.....	.....	664	1.66	.....
Maryland:						
Baltimore	762,222	1,438	1.89	887	1.16	1.6
Massachusetts:						
Boston	764,017	1,994	2.61	724	.95	2.8
Cambridge	110,944	178	1.60	121	1.09	1.5
Fall River	120,790	201	1.66	111	.92	1.8
Lowell	114,423	170	1.49	87	.76	2.0
Lynn	101,673	123	1.21	75	.74	1.6
New Bedford	127,542	259	2.03	113	.89	2.3
Springfield	140,052	169	1.21	72	.51	2.3
Worcester	188,449	228	1.21	124	.66	1.8
Michigan:						
Detroit	[1] 993,678	2,263	2.28	790	.80	2.9
Flint	111,794	117	1.05	29	.26	4.0
Minnesota:						
Duluth	104,183	171	1.64	49	.47	3.5
Minneapolis	400,970	.....	.....	256	.64	.....
St. Paul	239,836	495	2.06	176	.73	2.8
Missouri:						
Kansas City	343,988	.....	.....	295	.86	.....
St. Louis	795,008	1,837	2.31	828	1.04	2.2
New Jersey:						
Newark	431,792	1,083	2.51	377	.87	2.9
Trenton	125,075	238	1.90	124	.99	1.9
New York:						
Albany	116,223	.....	.....	101	.87	.....
Buffalo	528,163	.....	.....	428	.81	.....
New York	5,839,746	13,329	2.28	5,033	.86	2.6
Rochester	311,548	.....	.....	122	.39	.....
Syracuse	181,012	.....	.....	64	.35	.....
Yonkers	105,422	198	1.88	63	.60	3.1
Ohio:						
Akron	[1] 208,435	327	1.57	82	.39	4.0
Cincinnati	404,865	797	1.96	504	1.24	1.6
Cleveland	854,565	2,087	2.44	692	.81	3.0
Columbus	253,455	.....	.....	196	.77	.....
Dayton	161,824	.....	.....	103	.64	.....
Toledo	260,717	.....	.....	237	.91	.....
Youngstown	144,970	199	1.37	74	.51	2.7
Oregon:						
Portland	269,240	.....	.....	114	.42	.....
Pennsylvania:						
Erie	109,528	.....	.....	73	.67	.....
Philadelphia	1,894,500	.....	.....	1,893	1.00	.....
Pittsburgh	607,902	766	1.26	440	.72	1.7
Reading	110,022	95	.86	69	.63	1.4
Scranton	139,821	.....	.....	68	.49	.....
Rhode Island:						
Providence	241,011	.....	.....	153	.63	.....

[1] Enumereted population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

TUBERCULOSIS (PULMONARY)—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Tennessee:						
Memphis	167,862	539	3.21	227	1.35	2.4
Nashville	120,332	.....	.....	167	1.39	.....
Texas:						
Dallas	171,974	195	1.13	135	.79	1.4
Fort Worth	114,717	75	.65	70	.61	1.1
Houston	150,087	.....	.....	148	.99	.....
San Antonio	178,056	.....	.....	391	2.20	.....
Utah:						
Salt Lake City	123,918	.....	.....	63	.51	.....
Virginia:						
Norfolk	124,915	213	1.71	138	1.10	1.5
Richmond	178,365	.....	.....	202	1.13	.....
Washington:						
Seattle	[1] 315,312	476	1.51	155	.49	3.1
Spokane	104,445	69	.66	45	.43	1.5
Tacoma	100,369	121	1.21	44	.44	2.7
Wisconsin:						
Milwaukee	476,603	689	1.45	232	.49	3.0
64 cities	27,377,297	.....	.....	23,805	.87	.....

TYPHOID FEVER.

City.	Estimated population July 1, 1922.	Median.		1922				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Alabama:								
Birmingham	191,017	9	304	158	0.83	24	0.13	15.2
California:								
Los Angeles	634,866	9	182	141	.22	24	.04	17.0
Oakland	233,279	8	72	37	.16	6	03	16.2
San Francisco	529,792	9	178	69	.13	12	.02	17.4
Colorado:								
Denver	267,591	9	130	75	.28	16	.06	21.3
Connecticut:								
Bridgeport	[1] 143,555	9	29	21	.15	1	.01	4.8
Hartford	[1] 138,036	8	66	25	.18	4	.03	16.0
New Haven	169,987	9	77	93	.55	19	.11	20.4
Delaware:								
Wilmington	115,568	8	94	35	.30	9	.08	25.7
District of Columbia:								
Washington	[1] 437,571	9	308	188	.43	23	.05	12.2
Georgia:								
Atlanta	220,047	6	96	69	.31	24	.11	34.8
Illinois:								
Chicago	2,833,288	9	347	181	.06	31	.01	17.1
Indiana:								
Indianapolis	333,257	9	161	40	.12	18	.05	45.0
Kentucky:								
Louisville	256,877	9	122	135	.53	19	.07	14.1
Louisiana:								
New Orleans	399,616	9	227	171	.43	41	.10	24.0
Maryland:								
Baltimore	762,222	9	530	201	.26	30	.04	14.9
Massachusetts:								
Boston	764,017	9	185	116	.15	11	.01	9.5
Cambridge	110,944	6	20	16	.14	0	.....	.....
Fall River	120,790	9	139	45	.37	4	.03	8.9
Lowell	114,423	9	37	11	.10	3	.03	27.3
Lynn	101,673	7	47	22	.22	1	.01	4.5
New Bedford	127,542	8	57	18	.14	0	.....	.....
Springfield	140,052	9	32	13	.09	2	.01	15.4
Worcester	188,449	8	42	41	.22	6	.03	14.6

[1] Enumerated population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

TYPHOID FEVER—Continued.

City.	Estimated population July 1, 1922.	Median.		1922				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Michigan:								
Detroit	[1] 993,678	8	404	194	0.20	59	0.05	25.8
Flint	111,794	5	94	37	.33	7	.06	18.9
Grand Rapids	143,572	9	72	14	.10	1	.01	7.1
Minnesota:								
Duluth	104,183	8	46	10	.10	1	.01	10.0
Minneapolis	400,970	7	154	56	.14	7	.02	12.5
St. Paul	239,836	9	104	35	.15	4	.02	11.4
Missouri:								
Kansas City	343,988	9	88	87	.25	17	.05	19.5
St. Louis	795,008	9	351	187	.24	35	.04	18.7
Nebraska:								
Omaha	200,739	7	38	20	.10	11	.05	55.0
New Jersey:								
Camden	121,915	8	42	42	.34	7	.06	16.7
Elizabeth	101,643	8	22	6	.06	2	.02	33.3
Jersey City	305,911	9	53	17	.06	5	.02	29.4
Newark	431,792	8	104	118	.27	12	.03	10.2
Paterson	138,521	9	31	24	.17	3	.02	12.5
Trenton	125,075	8	45	34	.27	11	.09	32.4
New York:								
Albany	116,223	9	86	41	.35	1	.01	2.4
Buffalo	528,163	9	192	80	.15	19	.04	23.7
New York	5,839,746	9	1,442	790	.14	129	.02	16.3
Rochester	311,548	8	54	38	.12	8	.03	21.1
Syracuse	181,012	9	75	33	.18	3	.02	9.1
Utica	101,599	8	18	20	.20	3	.03	15.0
Yonkers	105,422	8	16	6	.06	0	.....	.....
Ohio:								
Akron	[1] 208,435	8	75	23	.11	4	.02	17.4
Cincinnati	404,865	9	98	58	.14	12	.03	20.7
Cleveland	854,565	9	206	101	.12	19	.02	18.8
Columbus	253,455	9	108	26	.10	3	.01	11.5
Dayton	161,824	9	78	29	.18	6	.04	20.7
Toledo	260,717	9	182	61	.23	10	.04	16.4
Youngstown	144,970	6	85	67	.46	9	.06	13.4
Oregon:								
Portland	269,240	6	44	77	.29	7	.03	9.1
Pennsylvania:								
Erie	109,528	8	35	21	.19	2	.02	9.5
Philadelphia	1,894,500	9	625	354	.19	53	.03	15.0
Pittsburgh	607,902	9	274	112	.18	30	.05	26.8
Reading	110,022	8	81	19	.17	10	.09	52.6
Scranton	139,821	8	19	5	.04	2	.01	40.0
Rhode Island:								
Providence	241,011	9	128	35	.15	0	.....	.....
Tennessee:								
Memphis	167,862	5	117	136	.81	15	.09	11.0
Nashville	120,332	9	272	98	.81	20	.17	20.4
Texas:								
Dallas	171,974	7	95	77	.45	10	.06	13.0
Fort Worth	114,717	5	48	17	.15	9	.08	52.9
Houston	150,087	5	69	18	.12	11	.07	61.1
San Antonio	178,056	8	77	33	.19	10	.06	30.3
Utah:								
Salt Lake City	123,918	9	100	39	.31	4	.03	10.3
Virginia:								
Norfolk	124,915	4	40	29	.23	8	.06	27.6
Richmond	178,365	9	103	63	.35	8	.04	12.7
Washington:								
Seattle	[1] 315,312	9	67	56	.18	9	.03	16.1
Spokane	104,445	7	38	34	.33	5	.05	14.7
Tacoma	100,369	7	19	34	.34	4	.04	11.8
Wisconsin:								
Milwaukee	476,603	8	96	34	.07	12	.03	35.3
73 cities	29,064,607	.....	10,192	5,466	.19	956	.03	17.5

[1] Enumerated population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

TYPHUS FEVER.

City.	Cases reported, 1922.	Deaths registered, 1922.	City.	Cases reported, 1922.	Deaths registered, 1922.
California:			New Jersey:		
Los Angeles	9	0	Patersen	1	0
Georgia:			New York:		
Atlanta	10	0	New York	14	0
Illinois:			Texas:		
Chicago	2	0	Houston	1	0
Maryland:					
Baltimore	1	0			

WHOOPING COUGH.

City.	Estimated population July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Alabama:						
Birmingham	191,017	83	0.43	17	0.09	20.5
California:						
Los Angeles	634,866	642	1.01	37	.06	5.8
Oakland	233,279	86	.37	13	.06	15.1
San Francisco	529,792	506	.96	21	.04	4.2
Colorado:						
Denver	267,591	603	2.25	10	.04	1.7
Connecticut:						
Bridgeport	[1] 143,555	48	.33	4	.03	8.3
Hartford	[1] 138,036	367	2.66	6	.04	1.6
New Haven	169,987	360	2.12	14	.08	3.9
Delaware:						
Wilmington	115,568	34	.29	0	.....	.....
District of Columbia:						
Washington	[1] 437,571	545	1.25	6	.01	1.1
Georgia:						
Atlanta	220,047	35	.16	8	.04	22.9
Illinois:						
Chicago	2,833,288	3,659	1.29	97	.03	2.7
Indiana:						
Indianapolis	333,257	298	.89	11	.03	3.7
Iowa:						
Des Moines	136,793	.....	.....	2	.01	.....
Kentucky:						
Louisville	256,877	51	.20	1	.00	2.0
Louisiana:						
New Orleans	399,616	133	.33	11	.03	8.3
Maryland:						
Baltimore	762,222	1,453	1.91	37	.05	2.5
Massachusetts:						
Boston	764,017	1,567	2.05	84	.11	5.4
Cambridge	110,944	402	3.62	6	.05	1.5
Fall River	120,790	88	.73	16	.13	18.2
Lowell	114,423	32	.28	0	.....	.....
Lynn	101,673	80	.79	6	.06	7.5
New Bedford	127,542	58	.45	1	.01	1.7
Springfield	140,052	169	1.21	4	.03	2.4
Worcester	188,449	276	1.46	14	.07	5.1
Michigan:						
Detroit	[1] 993,678	2,469	2.48	89	.09	3.6
Flint	111,794	269	2.41	1	.01	.4
Grand Rapids	143,572	458	3.19	4	.03	.9
Minnesota:						
Duluth	104,183	186	1.79	4	.04	2.2
Minneapolis	400,970	125	.31	24	.06	19.2
St. Paul	239,836	664	2.77	11	.05	1.7
Missouri:						
Kansas City	343,988	79	.23	4	.01	5.1
St. Louis	795,008	102	.13	2	.00	2.0
Nebraska:						
Omaha	200,739	32	.16	.....	.....	.....
New Jersey:						
Camden	121,915	6	.05	0	.....	.....
Elizabeth	101,643	301	2.96	2	.02	.7
Jersey City	305,911	116	.38	33	.11	28.4
Newark	431,792	2,383	5.52	28	.06	1.2
Paterson	138,521	326	2.35	6	.04	1.8
Trenton	125,075	156	1.25	16	.13	10.3

[1] Enumerated population Jan. 1, 1920.

Reported Prevalence for the Year 1922—Medians for Previous Years—Continued.

WHOOPING COUGH—Continued.

City.	Estimated population, July 1, 1922.	Cases reported, 1922.	Cases per 1,000 inhabitants.	Deaths registered, 1922.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
New York:						
Albany	116,223	327	2.81	11	0.09	3.4
Buffalo	528,163	548	1.04	11	.02	2.0
New York	5,839,746	4,799	.82	268	.05	5.6
Rochester	311,548	290	.93	12	.04	4.1
Syracuse	181,012	393	2.17	11	.06	2.8
Utica	101,599	386	3.80	5	.05	1.3
Yonkers	105,422	118	1.12	6	.06	5.1
Ohio:						
Akron	[1] 208,435	1,078	5.17	16	.08	1.5
Cincinnati	404,865	260	.64	9	.02	3.5
Cleveland	854,565	2,436	2.85	57	.07	2.3
Columbus	253,455	119	.47	13	.05	10.9
Dayton	161,824	97	.60	6	.04	6.2
Toledo	260,717	533	2.04	7	.03	1.3
Youngstown	144,970	428	2.95	7	.05	1.6
Oregon:						
Portland	269,240	96	.36	8	.03	8.3
Pennsylvania:						
Erie	109,528	422	3.85	8	.07	1.9
Philadelphia	1,894,500	930	.49	39	.02	4.2
Pittsburgh	607,902	2,588	4.26	88	.14	3.4
Reading	110,022	140	1.27	1	.01	.7
Scranton	139,821	64	.46	1	.01	1.6
Rhode Island:						
Providence	241,011	199	.83	28	.12	14.1
Tennessee:						
Memphis	167,862	393	2.34	4	.02	1.0
Nashville	120,332	38	.32	1	.01	2.6
Texas:						
Dallas	171,974	455	2.65	12	.07	2.6
Fort Worth	114,717	.....	.....	2	.02	.....
Houston	150,087	.....	.....	2	.01	.....
San Antonio	178,056	.....	.....	2	.01	.....
Utah:						
Salt Lake City	123,918	347	2.80	3	.02	.9
Virginia:						
Norfolk	124,915	25	.20	3	.02	12.0
Richmond	178,365	82	.46	11	.06	13.4
Washington:						
Seattle	[1] 315,312	711	2.25	6	.02	.8
Spokane	104,445	46	.44	2	.02	4.3
Tacoma	100,369	165	1.64	5	.05	3.0
Wisconsin:						
Milwaukee	476,603	3,256	6.83	17	.04	.5

[1] Enumerated population Jan. 1, 1920.

DEATHS DURING WEEK ENDED JULY 28, 1923.

Summary of information received by telegraph from industrial insurance companies for week ended July 28, 1923, and corresponding week of 1922. (From the Weekly Health Index, July 31, 1923, issued by the Bureau of the Census, Department of Commerce.)

	Week ended July 28, 1923.	Corresponding week, 1922.
Policies in force	54,521,406	49,733,524
Number of death claims	8,796	7,533
Death claims per 1,000 policies in force, annual rate	8.4	7.9

Deaths from all causes in certain large cities of the United States during the week ended July 28, 1923, infant mortality, annual death rate, and comparison with corresponding week of 1922. (From the Weekly Health Index, July 31, 1923, issued by the Bureau of the Census, Department of Commerce.)

City.	Week ended July 28, 1923.		Annual death rate per 1,000, corresponding week, 1922.	Deaths under 1 year.		Infant mortality rate, week ended July 28, 1923.[2]
	Total deaths.	Death rate.[1]		Week ended July 28, 1923.	Corresponding week, 1922.	
Total	6,066	10.9	10.3	874	870	.....
Akron, Ohio	18	4.5	4.8	1	5	12
Albany, N. Y.[3]	30	13.3	11.2	3	1	66
Atlanta, Ga	95	22.2	15.2	16	10	.....
Baltimore, Md.[3]	184	12.4	14.5	32	63	94
Birmingham, Ala	72	19.2	11.2	21	3	.....
Boston, Mass	167	11.3	10.4	20	23	57
Bridgeport, Conn	15	5.4	12.0	3	5	41
Buffalo, N. Y	101	9.8	10.9	9	21	38
Cambridge, Mass	24	11.2	14.6	1	5	18
Camden, N. J.[3]	35	14.7	9.8	6	0	99
Chicago, Ill	529	9.6	9.1	81	70	.....
Cincinnati, Ohio	111	14.2	12.9	14	6	92
Cleveland, Ohio[3]	142	8.3	7.4	16	19	44
Columbus, Ohio	66	13.2	10.1	8	4	83
Dallas, Tex	54	15.9	9.7	10	9	.....
Dayton, Ohio	28	8.8	9.7	6	7	99
Denver, Colo	73	14.0	10.5	10	6	.....
Des Moines, Iowa	20	7.4	.....	0	.....	0
Detroit, Mich	215	11.3	9.6	40	34	80
Duluth, Minn	16	7.8	.....	3	.....	68
Erie, Pa	19	8.8	8.1	0	1	0
Fall River, Mass.[3]	30	12.9	17.3	6	8	85
Flint, Mich	13	5.7	.....	3	.....	60
Fort Worth, Tex	22	8.0	12.7	2	5	.....
Grand Rapids, Mich	15	5.4	5.8	1	1	16
Houston, Tex	35	11.8	10.4	8	4	.....
Indianapolis, Ind	100	15.2	13.1	11	15	85
Jacksonville, Fla	34	17.7	21.4	6	7	.....
Jersey City, N. J	64	10.8	9.2	12	14	80
Kansas City, Kans	24	10.8	13.3	2	5	46
Kansas City, Mo	84	12.4	13.6	17	16	.....
Los Angeles, Calif	192	15.0	13.0	24	20	90
Louisville, Ky	77	15.6	10.6	17	7	183
Lowell, Mass	20	9.1	13.7	9	7	156
Lynn, Mass	13	6.6	.....	2	.....	53
Memphis, Tenn	65	19.9	18.3	14	12	.....
Milwaukee, Wis	88	9.5	8.2	14	14	70
Minneapolis, Minn	80	10.2	8.3	5	5	27
Nashville, Tenn.[3]	42	18.1	18.2	5	7	.....
New Bedford, Mass	25	10.0	7.0	5	3	78
New Haven, Conn	33	9.9	8.6	4	3	52
New Orleans, La	133	17.1	17.0	19	10	.....
New York, N. Y	1,063	9.4	8.7	142	167	57
Bronx Borough	137	8.5	7.6	11	6	39
Brooklyn Borough	341	8.2	7.7	61	61	65
Manhattan Borough	456	10.5	10.2	56	80	54
Queens Borough	99	9.6	8.1	9	14	48
Richmond Borough	30	12.3	8.8	5	6	91

[1] Annual rate per 1,000 population.
[2] Deaths under 1 year per 1,000 births—an annual rate based on deaths under 1 year for the week and estimated births for 1922. Cities left blank are not in the registration area for births.
[3] Deaths for week ended Friday, July 27, 1923.

Deaths from all causes in certain large cities of the United States during the week ended July 28, 1923, infant mortality, annual death rate, and comparison with corresponding week of 1922. (From the Weekly Health Index, July 31, 1923, issued by the Bureau of the Census, Department of Commerce.)—Continued.

City.	Week ended July 28, 1923.		Annual death rate per 1,000, corresponding week, 1922.	Deaths under 1 year.		Infant mortality rate, week ended July 28, 1923.
	Total deaths.	Death rate.		Week ended July 28, 1923.	Corresponding week, 1922.	
Newark, N. J.	86	10.2	9.9	21	16	99
Norfolk, Va.	34	11.1	12.1	6	3	106
Oakland, Calif.	32	6.9	9.4	5	7	64
Omaha, Nebr.	35	8.9	13.5	7	8	76
Paterson, N. J.	26	9.7	12.4	2	5	32
Philadelphia, Pa.	422	11.4	10.3	52	62	67
Pittsburgh, Pa.	133	11.3	12.2	19	29	66
Portland, Oreg.	63	12.0	9.5	5	1	51
Providence, R. I.	66	14.2	11.0	15	4	122
Richmond, Va.	60	17.3	13.7	13	12	150
Rochester, N. Y.	56	9.2	10.7	6	10	47
St. Louis, Mo.	164	10.6	10.4	20	11	.....
St. Paul, Minn.	49	10.6	7.0	6	7	55
San Francisco, Calif.	126	12.2	10.4	10	4	60
Seattle, Wash.	59	9.8	6.6	5	5	44
Spokane, Wash.	20	10.0	9.5	3	4	66
Springfield, Mass.	30	10.8	7.4	9	4	129
Syracuse, N. Y.	25	7.1	8.1	5	4	65
Tacoma, Wash.	21	10.8	.....	2	.....	50
Toledo, Ohio.	44	8.5	10.8	7	6	71
Trenton, N. J.	31	12.7	15.4	3	7	51
Utica, N. Y.	16	8.1	.....	0	.....	0
Washington, D. C.	119	14.2	11.9	16	20	91
Wilmington, Del.	27	12.0	11.3	3	4	61
Worcester, Mass.	43	11.7	11.1	5	9	57
Yonkers, N. Y.	13	6.3	10.9	1	6	22

PREVALENCE OF DISEASE.

No health department, State or local, can effectively prevent or control disease without knowledge of when, where, and under what conditions cases are occurring.

UNITED STATES.

CURRENT STATE SUMMARIES.

These reports are preliminary, and the figures are subject to change when later returns are received by the State health officers.

Reports for Week Ended August 4, 1923.

ALABAMA.

	Cases.
Chicken pox	1
Dengue	14
Diphtheria	16
Dysentery	122
Influenza	4
Lethargic encephalitis	1
Malaria	291
Measles	155
Ophthalmia neonatorum	2
Pellagra	17
Pneumonia	24
Poliomyelitis	5
Scarlet fever	5
Smallpox	4
Trachoma	1
Tuberculosis	29
Typhoid fever	102
Whooping cough	43

ARIZONA.

Diphtheria	3
Measles	4
Pneumonia	2
Scarlet fever	1
Tuberculosis	2
Typhoid fever	1
Whooping cough	4

ARKANSAS.

Cerebrospinal meningitis	2
Chicken pox	7
Hookworm disease	1
Malaria	176
Measles	61
Mumps	7
Ophthalmia neonatorum	1
Paratyphoid fever	1
Pneumonia	1

ARKANSAS—continued.

	Cases.
Scarlet fever	3
Smallpox	4
Trachoma	3
Tuberculosis	4
Typhoid fever	41
Whooping cough	63

CALIFORNIA.

Cerebrospinal meningitis—Napa County	1
Diphtheria	90
Influenza	2
Lethargic encephalitis:	
Livermore	1
San Francisco	2
Woodland	1
Measles	163
Poliomyelitis:	
Fort Bragg	1
Glendale	1
Sacramento	1
San Francisco	1
Scarlet fever	56
Smallpox:	
Los Angeles	20
Scattering	14
Typhoid fever	29

COLORADO.

(Exclusive of Denver.)

Chickenpox	6
Diphtheria	27
Measles	89
Mumps	30
Pneumonia	1
Scarlet fever	14
Smallpox	1
Tuberculosis	41
Typhoid fever	6
Whooping cough	19

CONNECTICUT.

	Cases.
Cerebrospinal meningitis	1
Chicken pox	6
Diphtheria	21
Dysentery (bacillary)	1
German measles	2
Malaria	2
Measles	66
Mumps	5
Pneumonia (lobar)	10
Poliomyelitis	3
Scarlet fever	18
Tetanus	1
Tuberculosis (all forms)	38
Typhoid fever	6
Whooping cough	70

FLORIDA.

Diphtheria	3
Influenza	20
Malaria	16
Typhoid fever	15

GEORGIA.

Chicken pox	1
Dengue	1
Diphtheria	19
Dysentery (amebic)	1
Dysentery (bacillary)	3
Hookworm disease	4
Malaria	89
Measles	43
Paratyphoid fever	4
Pellagra	1
Pneumonia	4
Scarlet fever	2
Smallpox	8
Tetanus	1
Trachoma	1
Tuberculosis (all forms)	32
Typhoid fever	43
Whooping cough	18

ILLINOIS.

Cerebrospinal meningitis:	
Alexander County	1
Chicago	2
Diphtheria:	
Cook County (including Chicago)	65
Chicago	57
Scattering	30
Influenza	6
Lethargic encephalitis	1
Pneumonia	73
Poliomyelitis:	
Chicago	2
Randolph County	1
Sangamon County	1
Washington County	1
Scarlet fever:	
Cook County (including Chicago)	34
Chicago	31
Scattering	24
Smallpox	1
Typhoid fever	32
Whooping cough	165

INDIANA.

	Cases.
Diphtheria	28
Influenza	2
Measles	55
Poliomyelitis—Marion County	1
Scarlet fever	25
Smallpox	11
Tuberculosis	67
Typhoid fever	17

IOWA.

Diphtheria	15
Scarlet fever	20
Typhoid fever	3

KANSAS.

Cerebrospinal meningitis	1
Diphtheria	27
Measles	67
Mumps	9
Ophthalmia neonatorum	1
Pneumonia	3
Poliomyelitis	4
Scarlet fever	15
Septic sore throat	1
Smallpox	1
Tetanus	3
Tuberculosis	86
Typhoid fever	36
Whooping cough	87

LOUISIANA.

Dengue	2
Diphtheria	8
Malaria	49
Measles	17
Poliomyelitis	1
Smallpox	3
Tuberculosis	19
Typhoid fever	25
Whooping cough	6

MAINE.

Diphtheria	4
Influenza	1
Measles	54
Mumps	1
Scarlet fever	16
Tuberculosis	22
Typhoid fever	6
Whooping cough	26

MARYLAND.[1]

Chicken pox	5
Diphtheria	16
Dysentery	18
Influenza	2
Lethargic encephalitis	1
Malaria	9
Measles	87
Mumps	5
Paratyphoid fever	1
Pneumonia (all forms)	14
Poliomyelitis	1
Scarlet fever	28
Tetanus	2

[1] Week ended Friday.

MARYLAND—continued.

	Cases.
Tuberculosis	46
Typhoid fever	39
Whooping cough	65

MASSACHUSETTS.

Chicken pox	41
Diphtheria	118
Conjunctivitis (suppurative)	7
German measles	4
Lethargic encephalitis	2
Malaria	1
Measles	111
Mumps	38
Ophthalmia neonatorum	16
Pneumonia (lobar)	20
Poliomyelitis	3
Scarlet fever	83
Septic sore throat	1
Tetanus	1
Tuberculosis (all forms)	133
Typhoid fever	13
Whooping cough	104

MICHIGAN.

Diphtheria	70
Measles	154
Pneumonia	40
Scarlet fever	91
Smallpox	21
Tuberculosis	37
Typhoid fever	17
Whooping cough	204

MINNESOTA.

Chicken pox	1
Diphtheria	50
Influenza	1
Measles	30
Pneumonia	2
Scarlet fever	91
Smallpox	13
Tuberculosis	40
Typhoid fever	24
Whooping cough	2

MISSISSIPPI.

Diphtheria	11
Influenza	2
Scarlet fever	10
Smallpox	2
Typhoid fever	41

MISSOURI.

Cerebrospinal meningitis	1
Chicken pox	3
Diphtheria	29
Influenza	2
Measles	53
Mumps	12
Ophthalmia neonatorum	2
Poliomyelitis	1
Scarlet fever	30
Smallpox	2
Tetanus	2
Trachoma	8
Tuberculosis	74
Typhoid fever	51
Whooping cough	205

MONTANA.

	Cases.
Diphtheria	2
Scarlet fever	9
Smallpox	5
Typhoid fever	4

NEBRASKA.

Chicken pox	1
Diphtheria	22
Measles	4
Mumps	2
Poliomyelitis	7
Scarlet fever	6
Typhoid fever	5
Whooping cough	9

NEW JERSEY.

Cerebrospinal meningitis	3
Chicken pox	26
Diphtheria	104
Dysentery	1
Influenza	6
Malaria	5
Measles	98
Paratyphoid fever	1
Pneumonia	93
Poliomyelitis	4
Scarlet fever	43
Smallpox	4
Trachoma	1
Typhoid fever	15
Whooping cough	72

NEW MEXICO.

Diphtheria	25
Dysentery	3
Malaria	3
Measles	16
Smallpox	2
Trachoma	1
Tuberculosis	1
Typhoid fever	12
Whooping cough	2

NEW YORK.

(Exclusive of New York City.)

Cerebrospinal meningitis	1
Diphtheria	86
Influenza	1
Lethargic encephalitis	3
Measles	420
Pneumonia	65
Poliomyelitis	12
Scarlet fever	98
Typhoid fever	42
Whooping cough	224

NORTH CAROLINA.

Chicken pox	6
Diphtheria	55
Measles	178
Scarlet fever	16
Smallpox	28
Typhoid fever	133
Whooping cough	348

OREGON.

	Cases.
Chicken pox	5
Diphtheria	7
Measles	4
Mumps	4
Pneumonia	[1] 2
Scarlet fever	6
Smallpox	5
Tuberculosis	9
Typhoid fever	1
Whooping cough	3

SOUTH DAKOTA.

Chicken pox	4
Diphtheria	4
Measles	29
Pneumonia	1
Scarlet fever	16
Smallpox	1
Typhoid fever	2

TEXAS.

Anthrax	1
Chicken pox	12
Dengue	2
Diphtheria	8
Dysentery	12
Influenza	8
Measles	13
Mumps	2
Pellagra	1
Pneumonia	6
Scarlet fever	10
Smallpox	10
Tuberculosis	22
Typhoid fever	36
Whooping cough	63

VERMONT.

Chicken pox	2
Diphtheria	2
Measles	32
Mumps	13
Pneumonia	1
Poliomyelitis	1
Scarlet fever	6
Smallpox	19
Whooping cough	41

VIRGINIA.

Poliomyelitis:	
Fredericksburg, Stafford, and vicinity	7

WASHINGTON.

Chicken pox	10
Diphtheria	14
Measles	28
Mumps	5
Scarlet fever	21
Smallpox	11
Tuberculosis	30
Typhoid fever	11
Whooping cough	30

WEST VIRGINIA.

Scarlet fever	8
Typhoid fever	11

WISCONSIN.

Milwaukee:	
Cerebrospinal meningitis	1
Chicken pox	1
Diphtheria	8
Poliomyelitis	2
Scarlet fever	8
Smallpox	1
Tuberculosis	15
Whooping cough	29
Scattering:	
Chicken pox	15
Diphtheria	47
Influenza	7
Measles	120
Pneumonia	6
Scarlet fever	46
Smallpox	10
Tuberculosis	34
Typhoid fever	7
Whooping cough	135

Reports for Week Ended July 28, 1923.

DISTRICT OF COLUMBIA.

	Cases.
Chicken pox	3
Diphtheria	4
Measles	12
Scarlet fever	2
Tuberculosis	23
Typhoid fever	5
Whooping cough	33

NEBRASKA.

Chicken pox	2
Diphtheria	10
Influenza	1
Measles	4
Mumps	4
Poliomyelitis	3
Scarlet fever	7
Tuberculosis	3
Typhoid fever	5
Whooping cough	13

NORTH DAKOTA.

Chicken pox	5
Diphtheria	3
Measles	28
Pneumonia	1
Scarlet fever	5
Smallpox	5
Tuberculosis	2
Typhoid fever	2
Whooping cough	1

[1] Deaths.

SUMMARY OF CASES REPORTED MONTHLY BY STATES.

The following summary of monthly State reports is published weekly and covers only those States from which reports are received during the current week:

State.	Cerebrospinal meningitis.	Diphtheria.	Influenza.	Malaria.	Measles.	Pellagra.	Poliomyelitis.	Scarlet fever.	Smallpox.	Typhoid fever.
May, 1923.										
Nebraska	1	34	.....	.....	126	.....	.....	107	12	1
North Dakota	.....	22	.....	.....	256	.....	3	59	20	3
June, 1923.										
Nebraska	2	41	.....	.....	51	.....	1	35	9	3
North Dakota	.....	26	.....	.....	161	.....	1	52	33	1
Ohio	6	413	5	5	4,424	.....	1	914	197	80
Pennsylvania	7	835	.....	2	6,261	1	3	799	33	144
West Virginia	.....	80	17	.....	2,009	.....	.....	57	38	97
July, 1923.										
Connecticut	9	127	1	12	258	.....	9	.....	115	30
Florida	.....	21	1	52	101	4	.....	4	7	31

CITY REPORTS FOR WEEK ENDED JULY 21, 1923.

ANTHRAX.

City.	Cases.	Deaths.
Massachusetts:		
Boston	1	.....

CEREBROSPINAL MENINGITIS.

The column headed "Median for previous years" gives the median number of cases reported during the corresponding week of the years 1915 to 1922, inclusive. In instances in which data for the full eight years are incomplete, the median is that for the number of years for which information is available.

City.	Median for previous years.	Week ended July 21, 1923.		City.	Median for previous years.	Week ended July 21, 1923.	
		Cases.	Deaths.			Cases.	Deaths.
California:				Missouri:			
Long Beach	0	1	1	St. Louis	1	1	.....
Los Angeles	1	1	.....	Nebraska:			
San Bernardino	0	1	3	Lincoln	0	1	.....
San Francisco	0	.....	1	New York:			
Illinois:				Cohoes	0	1	1
Chicago	2	1	1	New York	6	3	.....
Freeport	0	.....	1	Niagara Falls	0	.....	1
Indiana:				Virginia:			
Newcastle	0	.....	1	Roanoke	0	1	.....
Massachusetts:				Wisconsin:			
Boston	1	2	2	Janesville	0	1	1
Fall River	0	1	.....				
Michigan:							
Ann Arbor	0	1	.....				

DENGUE.

City.	Cases.	Deaths.
Georgia:		
Macon	1	.....
Texas:		
Galveston	2	.....

CITY REPORTS FOR WEEK ENDED JULY 21, 1923—Continued.

DIPHTHERIA.

See p. 1857; also Current State summaries, p. 1847; and Monthly summaries by States, p. 1851.

INFLUENZA.

City.	Cases.		Deaths, week ended July 21, 1923.	City.	Cases.		Deaths, week ended July 21, 1923.
	Week ended July 22, 1922.	Week ended July 21, 1923.			Week ended July 22, 1922.	Week ended July 21, 1923.	
Alabama:				Massachusetts:			
Montgomery		3		Boston	1		
California:				Lynn		1	
Los Angeles	2	3	1	Minnesota:			
San Francisco	3			Virginia		1	
Connecticut:				New Jersey:			
Meriden	1			Newark	3	1	
Florida:				New York:			
Tampa	2	1		New York	3	5	3
Georgia:				Ohio:			
Atlanta		1		Cleveland			1
Illinois:				Columbus			1
Chicago		4	2	Hamilton			1
Elgin			1	Pennsylvania:			
Indiana:				Philadelphia	1		
Indianapolis			1	Pittsburgh		1	
Louisiana:				Texas:			
New Orleans	1	2	2	Dallas			1

LEPROSY.

City.	Cases.	Deaths.
District of Columbia:		
Washington	1	

LETHARGIC ENCEPHALITIS.

Nebraska:		
Omaha		2

MALARIA.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Alabama:			Louisiana:		
Mobile	2		New Orleans	2	
Montgomery	19		Massachusetts:		
Arkansas:			Boston	1	
Little Rock	3		Newburyport	1	
North Little Rock	2		Missouri:		
California:			Kansas City	1	1
Sacramento	2		New York:		
Connecticut:			New York	3	
New Britain	3		Oklahoma:		
Florida:			Oklahoma		1
Tampa	1		Tennessee:		
Georgia:			Memphis	10	
Albany	3	1	Nashville	1	
Augusta	4		Texas:		
Brunswick	8		Beaumont		1
Macon	2		Dallas		1
Savannah	3				

CITY REPORTS FOR WEEK ENDED JULY 21, 1923—Continued.

MEASLES.

See p. 1857; also Current State summaries, p. 1847, and Monthly summaries by States, p. 1851.

PELLAGRA.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Alabama:			Michigan:		
Montgomery		1	Detroit	1	1
Arkansas:			South Carolina:		
Fort Smith	2		Columbia		2
Little Rock	1		Tennessee:		
Louisiana:			Nashville		1
New Orleans	2	1	Texas:		
Massachusetts:			Waco		1
Boston	1				
Newton	1				

PNEUMONIA (ALL FORMS).

Alabama:			Massachusetts:		
Birmingham		3	Beverly		1
Montgomery		2	Boston	15	12
California:			Cambridge		2
Glendale		1	Chelsea		1
Long Beach	1		Clinton	1	
Los Angeles	24	17	Fall River	1	
Oakland	1		Greenfield		1
Pasadena		1	Haverhill		1
Sacramento		2	Holyoke		2
San Bernardino		1	Lynn		1
San Diego	1		Methuen		1
San Francisco		1	New Bedford		2
Santa Cruz		1	Quincy	1	
Stockton		1	Salem		1
Colorado:			Southbridge	1	
Denver		3	Springfield		1
Pueblo		1	Taunton	1	
Connecticut:			Worcester		2
Bridgeport		2	Michigan:		
New Haven		4	Ann Arbor	1	
District of Columbia:			Battle Creek	1	
Washington		3	Benton Harbor		1
Florida:			Detroit	38	13
Tampa		1	Flint		3
Georgia:			Grand Rapids		1
Atlanta		11	Jackson		1
Augusta		2	Muskegon		1
Savannah		1	Minnesota:		
Illinois:			Duluth		1
Blue Island		1	Minneapolis		2
Chicago	76	20	St. Paul		2
Cicero		2	Missouri:		
Freeport		1	Kansas City	6	4
Galesburg		1	St. Joseph		1
La Salle		2	Montana:		
Peoria		3	Great Falls		3
Rock Island	1		Nebraska:		
Springfield		1	Omaha		2
Indiana:			New Hampshire:		
Fort Wayne		2	Concord		1
Gary		1	New Jersey:		
Hammond		1	Bayonne	1	
Indianapolis		5	Garfield	2	
Michigan City		1	Newark	13	4
Terre Haute		1	Orange	1	
Kansas:			Passaic	1	
Kansas City	2		Paterson	2	
Topeka		3	West Hoboken		1
Kentucky:			West New York		1
Covington		1	New York:		
Lexington		2	Albany	6	
Louisville		3	Amsterdam	1	
Louisiana:			Buffalo	10	4
New Orleans	9	3	Ithaca	2	
Maryland:			Lackawanna	1	
Baltimore	14	5	Lockport		1

CITY REPORTS FOR WEEK ENDED JULY 21, 1923—Continued.

PNEUMONIA (ALL FORMS)—Continued.

City.	Cases.	Deaths.
New York—Continued.		
New York	87	55
Niagara Falls	2	
Olean	1	
Peekskill	1	
Rochester	9	
Schenectady	4	1
Syracuse	2	1
Troy		2
Watertown	2	
Yonkers	2	1
North Carolina:		
Winston-Salem		2
Ohio:		
Akron	1	
Barberton	1	
Cincinnati		5
Cleveland	15	13
Columbus		1
Dayton	1	
East Youngstown		1
Hamilton		1
Lima		1
Niles		1
Piqua	1	
Springfield		1
Toledo		1
Youngstown		1
Oklahoma:		
Oklahoma		2
Oregon:		
Portland		3
Pennsylvania:		
Philadelphia	29	18
Pittsburgh		12
Rhode Island:		
Newport		1
Pawtucket		2
Providence		2
Tennessee:		
Memphis		2
Nashville		1
Texas:		
El Paso		3
Houston		4
San Antonio		2
Virginia:		
Norfolk	2	1
Richmond		4
Roanoke		1
West Virginia:		
Charleston		2
Huntington		1
Wheeling		2
Wisconsin:		
Ashland		2
Racine		1
Sheboygan		1

POLIOMYELITIS (INFANTILE PARALYSIS).

The column headed "Median for previous years" gives the median number of cases reported during the corresponding week of the years 1915 to 1922, inclusive. In instances in which data for the full eight years are incomplete, the median is that for the number of years for which information is available.

City.	Median for previous years.	Week ended July 21, 1923.	
		Cases.	Deaths.
California:			
Los Angeles	0	2	
Illinois:			
Chicago	1	1	
Massachusetts:			
Boston	0		1
New Bedford	0	1	
Worcester	0	1	1
Missouri:			
Kansas City	0	1	
New Jersey:			
Bayonne	0	1	
New York:			
Buffalo	0	1	
New York	3	30	
Ohio:			
Columbus	0	1	1
Pennsylvania:			
Wilkes-Barre	0	1	
Rhode Island:			
Providence	0	1	
Texas:			
Houston	0	1	
Washington:			
Seattle	0	2	
Wisconsin:			
Fond du Lac	0	1	
Kenosha	0	1	

RABIES IN ANIMALS.

City.	Cases.
California:	
Los Angeles	6
Massachusetts:	
Chelsea	1
Missouri:	
Kansas City	5
New Jersey:	
Bloomfield	1
Texas:	
El Paso	3

CITY REPORTS FOR WEEK ENDED JULY 21, 1923—Continued.

SCARLET FEVER.

See p. 1857; also Current State summaries, p. 1847, and Monthly summaries by States, p. 1851.

SMALLPOX.

The column headed "Median for previous years" gives the median number of cases reported during the corresponding week of the years 1915 to 1922, inclusive. In instances in which data for the full eight years are incomplete, the median is that for the number of years for which information is available.

City.	Median for previous years.	Week ended July 21, 1923.		City.	Median for previous years.	Week ended July 21, 1923.	
		Cases.	Deaths.			Cases.	Deaths.
California:				North Carolina:			
Long Beach	0	1		Winston-Salem	0	5	
Los Angeles	0	13		Ohio:			
San Francisco	1	1		Cincinnati	1	1	
Stockton	0	1		Dayton	0	1	
Illinois:				Martins Ferry		1	
Chicago	0	3		Toledo	0	2	
Urbana		1		Youngstown	1	1	
Indiana:				Zanesville	0	1	
Bloomington	0	2		Oklahoma:			
Fort Wayne	0	1		Tulsa	0	1	
Gary	0	3		Oregon:			
Huntington	0	1		Portland	5	5	
Indianapolis	1	5		Pennsylvania:			
Mishawaka	0	1		Philadelphia	0	5	
Muncie	0	14		Pittsburgh	0	3	
South Bend	0	1		Tennessee:			
Iowa:				Knoxville	0	2	
Davenport	0	10		Texas:			
Michigan:				Dallas	0	2	
Detroit	4	5		Vermont:			
Holland	0	1		Burlington	0	8	
Minnesota:				Virginia:			
Duluth	0	5		Lynchburg	0	1	
Minneapolis	8	3		Roanoke	0	1	
St. Paul	3	4		Washington:			
Winona	0	1		Seattle	4	2	
Missouri:				Spokane	1	1	
St. Louis	0	3		Vancouver	1	5	
Montana:				Wisconsin:			
Missoula	0	1		Kenosha	0	4	
New Jersey:				Oshkosh	2	1	
Trenton	0	1		Superior	3		2
New York:							
Buffalo	0	9					
New York	0	3					

TETANUS.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Alabama:			Michigan:		
Montgomery	1		Detroit		1
Illinois:			Missouri:		
Chicago		2	St. Louis		2
Kentucky:			Nebraska:		
Louisville		1	Omaha		1
Maryland:			New York:		
Baltimore		2	New York	1	
Massachusetts:			Yonkers	1	1
Springfield	1		Ohio:		
Westfield	1	1	Cleveland	1	1

TUBERCULOSIS.

See p. 1857; also Current State summaries, p. 1847.

CITY REPORTS FOR WEEK ENDED JULY 21, 1923—Continued.

TYPHOID FEVER.

The column headed "Median for previous years" gives the median number of cases reported during the corresponding week of the years 1915 to 1922, inclusive. In instances in which data for the full eight years are incomplete, the median is that for the number of years for which information is available.

City.	Median for previous years.	Week ended July 21, 1923.	
		Cases.	Deaths.
Alabama:			
Birmingham	7	3	1
Montgomery	1	2	.....
Arkansas:			
Little Rock	1	5	.....
North Little Rock	0	1	.....
California:			
Los Angeles	5	4	.....
Oakland	2	1	.....
Sacramento	1	2	.....
Stockton	2	.....	1
Colorado:			
Denver	1	3	1
Pueblo	.....	2	.....
Connecticut:			
New Haven	0	1	.....
Georgia:			
Albany	1	1	.....
Atlanta	2	2	.....
Augusta	1	8	1
Brunswick	0	1	.....
Macon	0	3	.....
Rome	3	2	.....
Savannah	3	1	.....
Illinois:			
Bloomington	0	1	.....
Centralia	0	1	.....
Chicago	4	6	.....
Peoria	0	.....	1
Indiana:			
Elwood	0	2	.....
Fort Wayne	1	.....	1
Hammond	0	1	.....
Kokomo	0	1	.....
Logansport	0	1	.....
Muncie	0	1	.....
Terre Haute	0	.....	1
Iowa:			
Waterloo	0	1	.....
Kansas:			
Coffeyville	0	1	.....
Hutchinson	0	1	.....
Topeka	2	.....	1
Wichita	2	1	.....
Kentucky:			
Lexington	0	2	.....
Louisville	9	7	.....
Louisiana:			
New Orleans	5	5	1
Maryland:			
Baltimore	8	7	1
Cumberland	1	1	.....
Massachusetts:			
Boston	3	4	.....
Fall River	1	1	.....
Greenfield	0	1	.....
Lynn	0	1	1
Springfield	0	1	.....
Taunton	0	1	.....
Worcester	0	2	.....
Michigan:			
Detroit	7	7	2
Flint	1	1	.....
Highland Park	0	1	.....
Minnesota:			
Winona	0	1	.....
Missouri:			
Kansas City	3	1	1
St. Joseph	1	3	.....
St. Louis	7	1	1
Nebraska:			
Lincoln	0	1	.....
New Jersey:			
Jersey City	1	1	.....
Newark	1	1	.....
Passaic	0	2	.....
New Mexico:			
Albuquerque	0	1	1
New York:			
Albany	1	4	.....
Buffalo	1	3	1
Elmira	1	1	.....
Ithaca	0	2	.....
New York	27	27	3
Newburgh	0	1	.....
Syracuse	0	2	.....
Yonkers	0	2	.....
Ohio:			
Ashtabula	0	1	.....
Cincinnati	2	1	.....
Cleveland	2	1	2
Columbus	2	1	1
New Philadelphia	0	2	.....
Toledo	1	1	.....
Oklahoma:			
Tulsa	4	7	.....
Pennsylvania:			
Bethlehem	0	1	.....
Braddock	0	1	.....
Butler	0	1	.....
Hazleton	0	1	.....
Philadelphia	11	5	1
Pittsburgh	3	5	1
Pottstown	0	1	.....
Pottsville	0	1	.....
Steelton	0	1	.....
Warren	0	1	.....
Washington	0	1	.....
Rhode Island:			
Pawtucket	0	.....	1
South Carolina:			
Charleston	3	4	1
Columbia	1	2	.....
Greenville	1	3	.....
Tennessee:			
Chattanooga	1	2	.....
Knoxville	7	12	.....
Memphis	3	19	1
Nashville	11	4	2
Texas:			
Dallas	5	2	1
El Paso	1	5	.....
Fort Worth	2	.....	1
Galveston	1	1	.....
Houston	2	6	1
San Antonio	.....	2	1
Waco	0	.....	1
Virginia:			
Charlottesville	0	1	.....
Norfolk	4	7	.....
Petersburg	0	.....	1
Richmond	3	1	.....
Roanoke	3	1	.....
Washington:			
Everett	0	1	.....
Seattle	1	1	.....
West Virginia:			
Charleston	3	3	2
Fairmont	0	1	.....
Huntington	1	4	.....
Morgantown	0	1	.....
Wisconsin:			
Milwaukee	1	1	.....

CITY REPORTS FOR WEEK ENDED JULY 21, 1923—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS.

City.	Population Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Alabama:										
Birmingham	178,806	64	1	.....	6	.....	5	.....	6	1
Mobile	60,777	16	.....	.....	.....	.....	.....	.....	2	1
Montgomery	43,464	19	.....	.....	11	.....	.....	.....	.....	2
Tuscaloosa	11,996	.....	.....	.....	.....	.....	.....	.....	1	.....
Arkansas:										
Little Rock	65,142	.....	.....	.....	1	.....	.....	.....	1	.....
California:										
Alameda	28,806	2	1	.....	8	.....	.....	.....	.....	.....
Bakersfield	18,638	8	1	.....	.....	.....	.....	.....	.....	.....
Eureka	12,923	6	.....	.....	.....	.....	2	.....	12	1
Glendale	13,536	12	.....	.....	.....	.....	.....	.....	1	1
Long Beach	55,593	20	1	1	1	.....	.....	.....	2	.....
Los Angeles	576,673	167	46	3	57	.....	23	.....	38	21
Oakland	216,261	38	3	.....	5	2	1	.....	1	5
Pasadena	45,354	11	.....	.....	.....	.....	2	.....	2	1
Richmond	16,843	2	2	.....	.....	.....	.....	.....	.....	.....
Riverside	19,341	2	.....	.....	.....	.....	.....	.....	2	1
Sacramento	65,908	17	2	.....	7	.....	1	.....	4	3
San Bernardino	18,721	14	.....	.....	4	.....	1	.....	.....	1
San Diego	74,683	19	.....	.....	6	.....	1	.....	8	1
San Francisco	506,676	106	18	4	66	3	7	1	15	9
Santa Ana	15,485	7	.....	.....	.....	1	.....	.....	.....	.....
Santa Cruz	10,917	7	.....	.....	.....	.....	.....	.....	.....	1
Stockton	40,296	12	.....	.....	.....	.....	.....	.....	.....	.....
Vallejo	21,107	0	.....	.....	.....	.....	.....	.....	.....	.....
Colorado:										
Denver	256,491	57	14	.....	12	.....	3	.....	.....	6
Pueblo	43,059	8	13	.....	4	.....	.....	.....	.....	1
Connecticut:										
Bridgeport	143,555	30	6	.....	2	.....	6	.....	10	4
Derby	11,238	7	.....	.....	.....	.....	.....	.....	.....	.....
Greenwich (town)	22,123	.....	.....	.....	1	.....	.....	.....	.....	.....
Hartford	138,036	21	4	.....	.....	.....	.....	.....	4	.....
Manchester (town)	18,370	1	2	.....	.....	.....	.....	.....	.....	.....
Milford (town)	10,193	5	.....	.....	2	.....	.....	.....	2	1
New Britain	59,316	5	1	1	.....	.....	.....	.....	.....	1
New Haven	162,537	27	.....	.....	1	.....	3	.....	9	.....
New London	25,688	2	.....	.....	.....	.....	.....	.....	.....	.....
Stonington (town)	10,236	2	.....	.....	.....	.....	.....	.....	.....	.....
District of Columbia:										
Washington	437,571	100	1	.....	17	.....	6	.....	31	11
Florida:										
Key West	18,749	5	.....	.....	.....	.....	.....	.....	.....	.....
St. Petersburg	14,237	2	.....	.....	1	.....	.....	.....	.....	.....
Tampa	51,608	15	.....	.....	4	.....	.....	.....	2	1
Georgia:										
Albany	11,555	1	.....	.....	1	.....	.....	.....	.....	.....
Atlanta	200,616	80	3	1	6	3	1	.....	5	5
Augusta	52,548	23	1	.....	4	1	.....	.....	1	3
Brunswick	14,413	4	.....	.....	1	.....	.....	.....	1	.....
Macon	52,995	.....	2	.....	25	.....	.....	.....	.....	.....
Rome	13,252	.....	.....	.....	2	.....	.....	.....	.....	.....
Savannah	83,252	27	.....	.....	12	.....	1	.....	3	3
Idaho:										
Boise	21,393	2	.....	.....	.....	.....	.....	.....	.....	.....
Illinois:										
Alton	24,682	7	.....	.....	.....	.....	2	.....	.....	.....
Aurora	36,397	7	1	.....	.....	.....	.....	.....	.....	.....
Bloomington	28,725	14	.....	.....	1	.....	.....	.....	3	3
Blue Island	11,424	6	.....	.....	2	.....	.....	.....	1	.....
Centralia	12,491	5	.....	.....	.....	.....	.....	.....	.....	.....
Champaign	15,873	.....	.....	.....	2	.....	.....	.....	3	.....
Chicago	2,701,705	484	61	4	88	1	23	.....	213	44
Cicero	44,995	7	1	.....	1	.....	.....	.....	.....	.....
Decatur	43,818	11	.....	.....	.....	.....	.....	.....	.....	.....
Elgin	27,454	7	.....	.....	1	.....	.....	.....	.....	2
Evanston	37,234	10	1	.....	.....	.....	.....	.....	.....	.....
Forest Park	10,768	.....	.....	.....	2	.....	.....	.....	.....	.....
Freeport	19,669	8	1	.....	7	.....	.....	.....	.....	.....
Galesburg	23,834	6	.....	.....	.....	.....	.....	.....	.....	.....
Jacksonville	15,713	7	.....	.....	.....	.....	.....	.....	2	2
Kewanee	16,026	3	.....	.....	.....	.....	.....	.....	.....	.....
La Salle	13,050	4	.....	.....	.....	.....	.....	.....	.....	.....

CITY REPORTS FOR WEEK ENDED JULY 21, 1923—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Illinois—Continued.										
Oak Park	39,858	10	2		5		1			1
Peoria	76,121	18			1		2			
Quincy	35,978	8			3					
Rock Island	35,177	3			10				1	
Springfield	59,183	15							2	2
Indiana:										
Bloomington	11,595	6								
Crawfordsville	10,139	2							1	
East Chicago	35,967	14								2
Elwood	10,790	0			5					
Fort Wayne	86,549	22	7		2					
Frankfort	11,585	2			2					
Gary	55,378	9					2			
Hammond	36,004	6	1		2				1	
Huntington	14,000	2								
Indianapolis	314,194	83	1		25		1		2	10
Kokomo	30,067	5			1					1
La Fayette	22,486	5			3					1
Logansport	21,626	6								
Michigan City	19,457	7								
Mishawaka	15,195	2			1				1	
Muncie	36,524	10	1		9					
Newcastle	14,458	2								
South Bend	70,983	12			1				6	
Terre Haute	66,083	12								1
Iowa:										
Burlington	24,057	10	2		2		2		1	1
Cedar Rapids	45,566						1			
Clinton	24,151						1			
Davenport	56,727	0	3							
Dubuque	39,141		1							
Muscatine	16,068	4								
Ottumwa	23,003		1							
Sioux City	71,227				3					
Kansas:										
Coffeyville	13,452	4			2					
Fort Scott	10,693	6			1					
Kansas City	101,177				4		1		3	
Lawrence	12,456	5		1						1
Parsons	16,028				1		3			
Topeka	50,022	14	1		11		1		1	
Wichita	72,217	35			14				1	1
Kentucky:										
Covington	57,121	16								
Henderson	12,169	2								
Lexington	41,534	15	1							2
Louisville	234,891	69	3		5				7	3
Paducah	24,735		1							
Louisiana:										
New Orleans	387,219	126	5		4				11	11
Maine:										
Auburn	16,985	2			4		2			
Bangor	25,978				3				2	
Bath	14,731	4								
Biddeford	18,008	1	1							
Lewiston	31,791	16			5		1			
Portland	69,272	10	2		2					
Sanford (town)	10,691	0								
Maryland:										
Baltimore	733,826	168	15		70	2	18		17	18
Cumberland	29,837	14							1	
Frederick	11,066	3			1					1
Massachusetts:										
Adams (town)	12,967	3								1
Arlington (town)	18,665	2					1			
Attleboro	19,731	4								
Belmont (town)	10,749	2			1					
Beverly	22,561	3			1		1		2	
Boston	748,060	173	40	3	69	3	23	1	41	12
Braintree (town)	10,580	2					2			1
Brockton	66,254	10	2		10	1	8			
Brookline	37,748	2							2	
Cambridge	109,694	21			1		3		5	2

CITY REPORTS FOR WEEK ENDED JULY 21, 1923—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Massachusetts—Continued.										
Chelsea	43,184	13					2			
Chicopee	36,214	3	1						2	
Clinton	12,979	3			1				1	
Danvers	11,108								1	
Dedham	10,792	3								
Everett	40,120	4	2		2				1	
Fall River	120,485	31	3	1			2		7	7
Gardner	16,971	4					2		1	
Greenfield	15,462	2					1			
Haverhill	53,884	11	4		10		2		3	
Holyoke	60,203	12	1						2	
Lawrence	94,270	19	5	1						1
Leominster	19,744	2			12		2			
Lynn	99,148	22					2		2	
Malden	49,103	9					3			1
Medford	39,038	5			1		1		1	1
Melrose	18,204	3			4		2			
Methuen	15,189	5			10				1	
Milford	13,471	3								
New Bedford	121,217	31			2				6	
Newburyport	15,618	3								
Newton	46,054	7			6				1	
North Adams	22,282	5							1	1
Northampton	21,951	10			1					
Peabody	10,552	7	1							
Pittsfield	41,763	7	1		1		3		1	1
Plymouth	13,045	6								
Quincy	47,876	5	3				4			
Salem	42,529	1			7				1	
Somerville	93,091	11					1		3	1
Southbridge	14,245	1			9					
Springfield	120,614	29	1				2	1	3	2
Taunton	37,137	8					1			
Wakefield	13,025	3					1			1
Waltham	30,915	1	1		1					
Watertown	21,457	4	2		7				2	
Webster	13,258	2		1						
Westfield	18,604	5	1							
Winthrop	15,455	1			1		1			
Woburn	16,574	2								
Worcester	179,754	47	8	1	21		2		4	3
Michigan:										
Ann Arbor	19,516	7			7		2			
Battle Creek	36,164				3					
Benton Harbor	12,233	4	1							
Detroit	993,678	214	27	4	44		22	1	63	28
Flint	91,599	25	7	1	16		1		4	1
Grand Rapids	137,634	33	3		26		2		1	
Highland Park	46,499	10		1					3	
Holland	12,183				1		1			
Jackson	48,374	12								
Kalamazoo	48,487	4	6		25		3		1	
Marquette	12,718	1			1		1			
Muskegon	36,570	8	3		4					
Pontiac	34,273	5					3		2	
Port Huron	25,944	7			2		1			
Sault Ste. Marie	12,096	6			1		1		1	
Minnesota:										
Duluth	98,917	19	1		1		5		2	2
Hibbing	15,089		1							
Mankato	12,469						4			
Minneapolis	380,582	83	6		9	1	13		24	9
Rochester	13,722	30			1				1	1
St. Cloud	15,873						1			
St. Paul	234,698	50	12	1	8		8		14	4
Virginia	14,022						1			
Winona	19,143	9								
Missouri:										
Cape Girardeau	10,252	6								
Kansas City	324,410	85	2	1	6		2		9	3
St. Joseph	77,939	20			7					1
St. Louis	772,897	162	16		9		6		28	6

CITY REPORTS FOR WEEK ENDED JULY 21, 1923—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Montana:										
Great Falls	24,121	6	1							
Helena	12,037	5	4		2					
Missoula	12,668	5					2			
Nebraska:										
Lincoln	54,948	9			1				1	2
Omaha	191,601	46	2	1	2					2
Nevada:										
Reno	12,016	2								
New Hampshire:										
Concord	22,167	7	2		4		1			1
Dover	13,029	2								
Keene	11,210	5			11					
Manchester	78,384	10	2		1				1	1
Nashua	28,379	9			12					
New Jersey:										
Asbury Park	12,400	2								
Atlantic City	50,707	13	3				2		2	1
Bayonne	76,754						1		5	
Bloomfield	22,019	5					1			
Englewood	11,627				2					
Garfield	19,381	3			1		1		1	2
Hackensack	17,667	5			4					1
Hoboken	68,166	14	2						4	2
Jersey City	298,103		3		7		2		4	
Kearny	26,724	5	2		1				1	
Long Branch	13,521	5	1							
Morristown	12,548	6							1	
Newark	414,524	84	3		25		1		25	5
Orange	33,268	9	1		1					
Passaic	63,841	15	3		1				1	1
Paterson	135,875		11		30		2		8	
Perth Amboy	41,707	5					1			1
Phillipsburg	16,923	3								
Plainfield	27,700						2		1	
Summit	10,174	2			2					
Trenton	119,289	30	11	1	1					
Union (town)	20,651		2							
West Hoboken	40,074	5								
West New York	29,923	6	1		3	1			1	2
West Orange	15,573	1			1		1			
New Mexico:										
Albuquerque	15,157	6							2	2
New York:										
Albany	113,344		2		13		3		8	
Amsterdam	33,524	3	2		16				3	
Buffalo	506,775	109	8	1	19	1	6	1	17	7
Cohoes	22,987	6	1		4					1
Elmira	45,393				8					
Geneva	14,648	3								
Hudson	11,745	2							1	
Ithaca	17,004	5	3		7					
Lackawanna	17,918	7			14					
Little Falls	13,029	1								
Lockport	21,308	5			1		1			
Middletown	18,420								1	
Mount Vernon	42,726	7					1			
New York	5,620,048	993	122	4	125	4	46		[1] 214	[1] 79
Newburgh	30,366	12					1		1	1
Niagara Falls	50,760	12	1		11		2		4	
Olean	20,506	5					2		1	2
Peekskill	15,868	3			5		1		1	
Rochester	295,750	39	7		13		5		37	4
Saratoga Springs	13,181	7					3		1	
Schenectady	88,723	19	2		50	2			3	
Syracuse	171,717	49	8		42	2	6		10	1
Troy	72,013	18			2				7	1
Watertown	31,285	12			13		1		1	1
Yonkers	100,176	21	4	1	2		1			2
North Carolina:										
Durham	21,719	6	2		1				1	1
Raleigh	24,418	5								1
Salisbury	13,884	4								
Wilmington	33,372	8			1		1			
Winston-Salem	48,395	22			21		1		5	4

[1] Pulmonary only.

CITY REPORTS FOR WEEK ENDED JULY 21, 1923—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
North Dakota:										
Fargo	21,961	10	1							
Ohio:										
Akron	208,435	21	1		2		1		12	
Ashtabula	22,082	4								
Barberton	18,811	4					2			
Bucyrus	10,425	2			1		1			
Cambridge	13,104	3							1	
Chillicothe	15,831	3							1	
Cincinnati	401,247	97	3		26		4		14	10
Cleveland	796,841	160	15		33		16		28	19
Cleveland Heights	15,236				1				1	
Columbus	237,031	62	2		2		3		17	4
Dayton	152,559	31	1		3		9			
East Cleveland	27,292	4	1		2		2			1
East Youngstown	11,237	2				1				
Findlay	17,021	3								
Fremont	12,468	6								
Hamilton	39,675	12								1
Kenmore	12,683		1							
Lancaster	14,706	7	1						1	
Lima	41,326	8			5					
Lorain	37,295		2		1		1		1	
Mansfield	27,824	8	2	1					4	1
Martins Ferry	11,634	3					1		1	
Middletown	23,594	6							1	
New Philadelphia	10,718		1		2		1		1	
Newark	26,718	4			1					
Niles	13,080	1			1					
Norwood	24,966	2	2							
Piqua	15,044	7							1	
Salem	10,305	2			5					
Sandusky	22,897	11	1				5			
Springfield	60,840	18	1		1		2		2	3
Steubenville	28,508	7							1	
Toledo	243,164	57	3	2	2		12		3	5
Youngstown	132,358	19	8		12		1		1	
Zanesville	29,569	9					2			
Oklahoma:										
Oklahoma	91,295	24					1		1	1
Tulsa	72,075		1				1			
Oregon:										
Portland	258,288	54	5		2		2		5	5
Pennsylvania:										
Allentown	73,502		2				2			
Altoona	60,331		1							
Ambridge	12,730						2			
Beaver Falls	12,802		1							
Bethlehem	50,358		1		1		2			
Bradford	15,525				1					
Carnegie	11,516		1							
Chester	58,030		3				1			
Coatesville	14,515				1					
Connellsville	13,804						1			
Donora	14,131				1					
Dubois	13,681		1							
Duquesne	19,011		1				1			
Easton	33,813								1	
Erie	93,372		1		14				3	
Farrell	15,586		2				5			
Harrisburg	75,917				2					
Hazelton	32,277				3					
Homestead	20,452		1				1			
Jeannette	10,627								1	
Johnstown	67,327		5				3			
Lancaster	53,150		1							
Lebanon	24,643		3							
McKee's Rocks	16,713		2							
McKeesport	46,781				3					
Monessen	18,179		1		1					
Mount Carmel	17,469				3					
New Kensington	11,987		1							
Norristown	32,319				1					

CITY REPORTS FOR WEEK ENDED JULY 21, 1923—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Pennsylvania—Continued.										
North Braddock	14,928		1							
Oil City	21,274								1	
Philadelphia	1,823,779	383	25	1	15		21		88	38
Pittsburgh	588,343	151	12		15		9	3	17	6
Pittston	18,497				1					
Pottsville	21,876						1			
Reading	107,784		5							
Scranton	137,783		2		3					
Shamokin	21,204				3					
Steelton	13,428		1						2	
Tamaqua	12,363				5					
Warren	14,272				5				1	
Washington	21,480				4					
West Chester	11,717				2					
Wilkes-Barre	73,833		1		4					
Wilkinsburg	24,403		2		1					
Williamsport	36,198				2					
York	47,512		1				1			
Rhode Island:										
Cranston	29,407	2								
East Providence (town)	21,793						1			
Newport	30,255	6	1				2			
Pawtucket	64,248	13	1				1			2
Providence	237,595		1		7	1	1			3
South Carolina:										
Charleston	67,957	25								1
Columbia	37,524	19	1		3				4	1
Greenville	23,127	10	1							1
South Dakota:										
Sioux Falls	25,202	7								
Tennessee:										
Chattanooga	57,895		1							
Knoxville	77,818				3				4	4
Memphis	162,351	50	1		3				6	1
Nashville	118,342	42							5	4
Texas:										
Amarillo	15,494	1					1			
Beaumont	40,422	12	3							1
Corpus Christi	10,522	3								
Dallas	158,976	43	4				4		1	2
El Paso	77,560	25			3				4	2
Fort Worth	106,482	16			1				5	
Galveston	44,255	7			2				1	1
Houston	138,276	47	2				1			5
San Antonio	161,379	42	1	1	5				1	5
Waco	38,500	14					1			2
Utah:										
Provo	10,303	3			1					
Vermont:										
Burlington	22,779	4	1		3					
Virginia:										
Alexandria	18,060	3			4				1	
Charlottesville	10,688	3								
Danville	21,539	9	1		2	1			1	1
Lynchburg	30,070	11			6				2	4
Norfolk	115,777		2		18		4		6	3
Petersburg	31,012	6			2				6	1
Richmond	171,667	58	1		19	2	1		9	7
Roanoke	50,842	16	1		4		1			
Washington:										
Bellingham	25,585						2			
Seattle	315,312		6		12		5		23	
Spokane	104,437		9		5					
Tacoma	96,965		6		2		7			
Vancouver	12,637		1							
Walla Walla	15,503								5	
Yakima	18,539				2					
West Virginia:										
Bluefield	15,282	5			9					
Charleston	39,608	20			2	1			5	1
Clarksburg	27,869	3	1		5					
Fairmont	17,851								1	
Huntington	50,177	20				1	1			1

CITY REPORTS FOR WEEK ENDED JULY 21, 1923—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
West Virginia—Continued.										
Morgantown	12,127				1					
Parkersburg	20,050	3								
Wheeling	56,208	13			5		3		6	1
Wisconsin:										
Appleton	19,561		1						1	
Ashland	11,334	8			5		2			
Beloit	21,284	3					3			
Eau Claire	20,906				7					
Fond du Lac	23,427	3								
Green Bay	31,017		1		2		6			
Janesville	18,293	3			2					
Kenosha	40,472	8	3		2		3			1
La Crosse	30,421				3					
Madison	38,378	5			4				1	
Manitowoc	17,563				1					
Milwaukee	457,147	67	6	1	4		19		11	2
Oshkosh	33,162	6			1				1	
Racine	58,593	9	2						5	
Sheboygan	30,955	4	2				2		2	
Superior	39,671	10		1	3	3				
Waukesha	12,558				1		7		2	
Wausau	18,661		7		4		2			
West Allis	13,745						2		1	

FOREIGN AND INSULAR.

CHINA.

Plague—Chinese Eastern Railway and Transbaikal Siberian Railway.

In Public Health Reports of March 23, 1923, page 653, and in subsequent issues, the occurrence of seven cases of plague was reported at Harbin, Manchuria, China, during the period January 29 to February 4, 1923. Later information shows that these reported cases occurred within the endemic plague area of Transbaikal Siberia and were reported through the North Manchuria Plague Prevention Service at Harbin.[1]

Under date of June 27, 1923, the director and chief medical officer of the North Manchuria Plague Prevention Service reported the occurrence, May 31 and May 16, 1923, respectively, of two fatal cases of bubonic plague, one at Yakoshih, a small station on the Eastern Chinese Railway between Hailar and Mentuho, and one at Haranhor, a village situated well within the endemic plague area in the Transbaikal region of Siberia. Both cases occurred in tarabagan (marmot) hunters. Two plague cases were reported at Yakoshih station during the plague epidemic of 1920–21, with origin stated to have been traced to Mentuho.

A scientific expedition sent out by the North Manchuria Plague Prevention Service and operating during May and June, 1923, ascertained the existence of endemic foci in the Transbaikal region of Siberia, which is connected by the Transbaikal Railway with the Eastern Chinese Railway. It was stated that at localities in the vicinity of stations from Matsievskaya to Borzia, a distance of over 100 versts, cases of plague have been of almost yearly occurrence among the inhabitants. In the vicinity of stations No. 83 and Soktu outbreaks of plague were noted during recent years among marmots.

RAT CATCHING IN HONGKONG—YEAR 1922.

The annual report of the health department of the colony of Hongkong shows that during the year 1922, 109,296 rats were caught, of which 25 were found plague infected. The methods employed consisted of traps, bird-lime boards, and rat poison. A certain number of the rats caught in street rat bins, warehouses, and private dwellings were taken to the bacteriological institute for examination. Special campaigns were undertaken in January and November, when rat poison was distributed throughout urban districts.

[1] Public Health Reports, this issue, p. 1865.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER.

The reports contained in the following tables must not be considered as complete or final as regards either the list of countries included or the figures for the particular countries for which reports are given.

Reports Received During Week Ended August 10, 1923.[1]

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
India:				
Madras	June 23-30	1		
Rangoon	June 3-23	6	5	
Indo-China:				
Saigon	May 20-June 9	11	10	
Siam:				
Bangkok	May 27-June 9	5	5	

PLAGUE.

British East Africa:				
Kenya—				
Kisumu	June 10-16	2	1	
Tanganyika	May 27-June 2	2	2	Territory.
Uganda	Apr. 1-30	7	5	
Ceylon:				
Colombo	June 10-16	3		
China:				
Manchuria—[2]				
Yakoshih	May 31	1	1	Station on Eastern Chinese Railway. Occurring in tarabagan (marmot) hunter. Bubonic.
India:				
Karachi	June 17-30	8	7	
Madras (Presidency)	do	4	3	
Rangoon	June 3-23	10	10	
Palestine:				
Jaffa	June 26-July 2	3		
Siam:				
Bangkok	May 27-June 9	8	7	
Siberia				Sporadic cases of plague reported yearly in localities vicinity of stations Matsievskaya and Borzia, Transbaikal Railway.
Haranhor	May 6	1	1	Village in zone of endemic tarabagan (marmot) plague, Transbaikal Region.
Station No. 83				Station on Transbaikal Railway. Marmot plague during recent years.
Soktu				Do.
Straits Settlements:				
Singapore	June 10-16	2	2	

SMALLPOX.

Brazil:				
Pernambuco	June 3-16	3	1	
British East Africa:				
Uganda—				
Entebe	Apr. 1-30	4		
Canada:				
Ontario—				
Toronto	July 15-21	1		
Chile:				
Concepcion	June 5-11		1	
China:				
Shanghai	July 2-8	1	2	Cases, foreign; deaths, Chinese.
Cuba:				
Antilla	July 8-14		2	From Preston.

[1] From medical officers of the Public Health Service, American consuls, and other sources.

[2] Information received under date of June 27, 1923, from Dr. Wm. Lien Teh, director and chief medical officer of the North Manchuria Plague Prevention Service, states that the seven cases of plague reported as occurring at Harbin January 29-February 4, 1923 (Public Health Reports, March 23, 1923, p. 653, and subsequent issues), should have been reported as occurring in the endemic area of Transbaikal Siberia.

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

Reports Received During Week Ended Aug. 10, 1923—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
India:				
Karachi	June 17–30	2		
Madras	June 17–23	1	1	
Rangoon	June 3–23	80	30	
Indo-China:				
Saigon	May 20–June 23	28	20	Including 100 square surrounding kilometers.
Persia:				
Teheran	May 1–14		4	
Siam:				
Bangkok	May 27–June 9	19	17	
Spain:				
Valencia	July 1–7	8	1	
Turkey:				
Constantinople	June 13–26		4	
Do	June 27–July 3		4	

TYPHUS FEVER.

Egypt:				
Alexandria	June 25–July 1	2	2	
Greece:				
Athens	May 1–31		5	
Piræus	do		11	
Guatemala:				
Guatemala City	June 1–30		1	
Palestine:				
Jaffa	June 26–July 9	4		Relapsing fever, one case.
Persia:				
Teheran	May 1–14		1	
Tunis:				
Tunis	July 9–15	1	1	
Turkey:				
Constantinople	June 13–26		4	
Do	June 27–July 3		1	

Reports Received from June 30 to August 3, 1923.[1]

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
India				Apr. 15–June 2, 1923: Cases, 9,250; deaths, 8,126.
Bombay	June 3–9	8	3	
Calcutta	May 6–June 16	258	215	
Madras	June 3–9	1		
Rangoon	May 13–June 2	11	9	
Philippine Islands:				
City—				
Manila	June 10–16	2	1	Death in foreign case from Chinkang, China.
Province—				
Bulacan	May 17–23	1		
Capiz	May 27–June 2	1	1	
Cebu	Apr. 8–21	1	1	
Cotobato	Apr. 8–14	1	1	
Laguna	May 6–June 9	2	1	
Mountain	Mar. 25–31	1	1	
Russia (Soviet)				Jan. 1–May 15, 1923: Cases, 10.
Siam:				
Bangkok	May 13–19	3	4	

PLAGUE.

Australia:				
Sydney	June 30	1	1	
Azores:				
St. Michael Island	May 6–26	12	5	In one locality.

From medical officers of the Public Health Service, American consuls, and other sources.

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

Reports Received from June 30 to August 3, 1923—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
British East Africa:				
Kenya—				
Tanganyika	May 6–12	1	1	
Canary Islands:				
Las Palmas	June 7	1		
Ceylon:				
Colombo	May 6–June 9	10	15	Plague rats, 32.
China:				
Amoy	May 13–June 9		6	
Foochow	May 27–June 16			Present; epidemic form.
Hongkong	Apr. 29–May 26	29	14	
Ecuador:				
Guayaquil				May 16–31, 1923: Rats examined, 4,800; found infected, 21.
Egypt				Jan. 1–June 21, 1923: Cases, 1,051; deaths, 548. May 1–29: Cases, 345.
City—				
Alexandria	Jan. 7–June 18	34	15	May 1–29, 1923: Cases, 14.
Port Said	Jan. 7–June 15	23	12	May 1–29, 1923: Cases, 13.
Suez	Mar. 2–June 15	12	7	May 1–29, 1923: Cases, 3.
Province—				
Assiout	May 1–29	64		Deaths not reported.
Benisouef	do	7		Do.
Fayoum	do	14		Do.
Garbieh	do	2		Do.
Geizeh	do	3		Do.
Girgeh	do	123		Do.
Keneh	do	22		Do.
Menoufieh	do	34		Do.
Minieh	do	46		Do.
Hawaii:				
Hamakua				Plague-infected rats: Pohakea, May 23, 1923, 1 rat: vicinity of Pacific Sugar Co. mill, June 2, 1 rat.
India:				
Bombay	Apr. 29–June 9	479	393	
Calcutta	May 6–June 9	13	13	
Karachi	May 13–June 16	102	79	Plague rats, 5.
Madras Presidency	do	250	138	
Rangoon	May 6–June 2	116	99	
Java:				
East Java—				
Soerabaya	Apr. 1–May 19	488	488	May 1–31, 1923: Cases, 471: deaths, 471.
Soerakarta				May 16, 1923: Epidemic in five districts.
Madagascar				Apr. 1–May 15, 1923: Cases, 66; deaths, 63. Bubonic, pneumonic, septicemic.
Province—				
Tananarive	Apr. 1–May 15	48	45	
Tananarive	Apr. 16–May 15	18	18	
Mauritius Island				May 4–21, 1923: Two cases.
Port Louis	May 4	1		
Mexico:				
Tampico				Apr. 15–21, 1923: 1 plague rat.
Peru				May 1–31, 1923: Cases, 57; deaths, 27.
Locality—				
Ayabaca	May 16–31	2		
Callao	May 1–31	3	1	
Canete	May 16–31	2	2	
Cerro Azul	May 1–31	3	1	
Chiclayo	do	8	2	
Cutervo	May 1–15	2	1	
Huancabamba	May 1–31	18	13	
Lima (city)	do	5	1	
Lima (country)	do	5	3	
Salaverry	do	7	2	
Trujillo	do	2	1	
Russia				Jan. 1–May 15, 1923: Few cases in Far East regions.
Siam:				
Bangkok	Apr. 29–May 26	16	14	
Straits Settlements:				
Singapore	May 6–June 2	2	4	
Syria:				
Beirut	May 12–21	1		

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

Reports Received from June 30 to August 3, 1923—Continued.

SMALLPOX.

Place.	Date.	Cases.	Deaths.	Remarks.
Algeria:				
Algiers	May 1–31	2		
Arabia:				
Aden	May 27–June 2		1	
Bolivia:				
La Paz	Apr. 1–30	1	2	
Brazil:				
Pernambuco	May 6–June 2	5		
Rio de Janeiro	May 13–June 23	7	1	
British East Africa:				
Kenya—				
Mombasa	May 20–26	1		From vessel from Bombay.
Tanganyika	Apr. 29–May 5	2		
Canada:				
Alberta—				
Calgary	May 27–June 2	1		Infection from Deer Lodge, Mont.
British Columbia—				
Vancouver	May 27–June 23	31		
Manitoba—				
Winnipeg	June 3–30	4		
New Brunswick—				
Kent County	July 1–7	1		
Ontario				June 1–30, 1923: Cases, 13.
Toronto	June 24–30	3		
Quebec—				
Quebec	June 10–16	1		Varioloid.
Saskatchewan—				
Moose Jaw	July 8–14	1		
Regina	June 24–30	3		
Ceylon:				
Colombo	May 6–June 2	23	1	
Chile:				
Concepcion	May 22–28		2	
Valparaiso	May 7–June 2		107	
China:				
Amoy	May 13–June 16		3	
Antung	May 14–20	1		
Chungking	May 13–June 16			Present and endemic.
Foochow	do			Do.
Hongkong	Apr. 29–May 26	33	31	
Manchuria—				
Dairen	May 21–27	1		
Harbin	May 7–June 3	4		
Mukden	May 13–20	1		
Nanking	May 13–June 23			Do.
Shanghai	May 21–June 3	4		Foreign.
Chosen (Korea):				
Chemulpo	May 1–31	1		
Fusan	do	1		
Gensan	do	1		
Seoul	do	33	9	
Czechoslovakia				Jan.–Mar., 1923: Cases, 15.
Ecuador:				
Guayaquil	May 16–31	1		
Egypt:				
Cairo	Mar. 12–Apr. 22	9	3	
Finland				May 1–15, 1923: 1 case.
Great Britain:				
Birmingham	June 18–30	3		
Bristol	June 28			Present.
Cardiff	June 3–30	6		
Gloucester	June 28			123 cases reported in hospital; present in rural districts.
Nottingham	June 3–9	1		
Greece				May 1–31, 1923: Cases, 211.
Athens	May 1–31	53		
Patras	Apr. 24–May 13		11	
Saloniki	Apr. 30–May 20	2	2	
India				Apr. 15–May 5, 1923: Cases, 4,973; deaths, 1,424.
Bombay	Apr. 22–May 19	246	114	
Calcutta	May 13–June 9	12	9	
Karachi	May 13–June 16	22	8	
Madras	do	90	15	
Rangoon	May 6–June 2	27	39	
Iraq (Mesopotamia):				
Bagdad	Apr. 1–30	10		
Italy:				
Turin	May 28–June 3	1		

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

Reports Received from June 30 to August 3, 1923—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Jamaica				May 27–June 30, 1923: Cases, 226. July 1–7, 1923: Cases, 13. (Reported as alastrim.)
Kingston	May 27–June 30	39		
Do	July 1–7	12		
Japan:				
Kobe	May 28–June 10	2		
Java:				
East Java—				
Soerabaya	Apr. 22–June 2	129	19	
West Java—				
Batavia	May 5–June 8	17	3	Province.
Latvia				Apr. 1–30, 1923: Cases, 3.
Mexico:				
Aguascalientes	July 8–14		1	
Chihuahua	June 11–24	7		
Mexico City	May 19–June 23	140		Including municipalities in Federal District.
Palestine:				
Jaffa	June 5–11	1		
Persia:				
Tabriz	Apr. 1–14		1	District.
Teheran	Feb. 22–Mar. 22		24	
Portugal:				
Lisbon	May 20–June 30	35	1	May 28–June 9, 1923: Cases, 8; deaths, 2.
Oporto	June 10–30	6	3	
Portuguese West Africa:				
Angola—				
Loanda	Apr. 1–21		2	
Rhodesia (British Africa):				
Northern Rhodesia	May 8–14	21	8	
Southern Rhodesia	May 3–16	4	2	
Siam:				
Bangkok	Apr. 29–May 19	43	16	
Sierra Leone:				
Kaballa	May 1–15	1		
Pujehun	May 16–31	1		In Sembehun district.
Spain:				
Barcelona	May 31–June 6		1	
Valencia	May 15–June 30	44	2	
Switzerland:				
Basel	May 27–June 30	4		
Berne	May 20–June 30	11		
Lucerne	May 1–June 7	36		
Zurich	May 20–June 23	10		
Syria:				
Damascus	May 15–June 11	7		
Tunis:				
Bizerta	June 10–20	1		
Tunis	June 11–17	1		
Do	June 26–July 1	1		
Turkey:				
Constantinople	May 13–June 9		41	
Union of South Africa				May 1–31, 1923: Cases, 33; deaths, 1 (colored).
Cape Province				May 1–31, 1923: Cases, 32 (colored).
Do	May 6–June 9			Outbreaks.
Orange Free State	Apr. 29–May 14			Do.
Transvaal				May 1–31, 1923: 1 case.
Do	May 26–June 9			Outbreaks.
Yugoslavia:				
Serbia—				
Belgrade	June 10–16	1	1	
On vessel:				
S. S. Kargola	May 20–26	1		At Mombasa, British East Africa vessel arrived from Bombay Mar. 25, 1923.
S. S. Makura	May 26	2		Two cases, in quarantine (reported as alastrim). Vessel left Victoria, B. C., Apr. 28 1923. Touched at Honolulu.

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

Reports Received from June 30 to August 3, 1923—Continued.

TYPHUS FEVER.

Place.	Date.	Cases.	Deaths.	Remarks.
Algeria:				
Algiers	May 1–31	41	14	
Argentina:				
Rosario	May 25–31		1	
Chile:				
Concepcion	May 22–June 4		2	
Talcahuano	May 13–19	1		
Valparaiso	May 7–June 2		13	
China:				
Antung	May 28–June 24	12		
Hankow	May 19–25	1		
Manchuria—				
Harbin	May 6–13	1		
Mukden	May 14–20	2		
Czechoslovakia				Jan.–Mar., 1923: Cases, 191; deaths, 6.
Egypt:				
Alexandria	May 14–June 24	7	5	
Cairo	May 12–Apr. 15	11	8	
France:				
Marseille	Mar. 1–May 31		3	
Germany:				
Coblenz	May 27–June 2		1	
Hamburg	May 20–26	3		
Königsberg	May 13–June 2	2		
Stettin	May 27–June 9	1	1	
Greece				May 1–31, 1923: Cases, 876.
Athens	May 1–31	150		
Patras	Apr. 24–May 13		18	
Piræus	May 1–31	353		
Saloniki	Apr. 30–May 27	27	4	Recurrent typhus: Cases, 3; deaths, 3.
Guatemala:				
Guatemala City	Apr. 1–May 31		4	
Hungary				Jan. 1–May 19, 1923: Cases, 318; deaths, 36. In 11 counties.
Budapest	Jan. 1–June 2	48	12	
Iraq (Mesopotamia):				
Bagdad	Apr. 1–30	2		
Latvia				Apr. 1–30, 1923: Cases, 96.
Mexico:				
Mexico City	May 20–June 23	61		Including municipalities in Federal district.
Palestine:				
Jaffa	May 22–28	2		
Jerusalem	do	1		
Persia:				
Tabriz	Apr. 1–14	2		
Teheran	Feb. 22–Mar. 22		1	
Poland				Mar. 4–Apr. 7, 1923: Cases, 2,253; deaths, 172. Recurrent typhus: Cases, 338; deaths, 6.
Portugal:				
Oporto	June 10–16	1		
Do	July 1–7	2		
Rumania:				
Kishineff	May 1–31	28		
Russia				Jan. 1–Apr. 30, 1923: Cases, 106,854. (Corresponding period 1922: Cases, 847,516.) Feb. 1–28, 1923: Cases, 17,577. Recurrent, Jan. 1–Feb. 28, 1923: Cases, 43,540.
European Russia and autonomous republics.	Jan. 1–Apr. 30	93,999		
Siberia, Caucasus, and Central Asia.	do	9,921		
Waterways and railways	do	2,934		
Spain:				
Barcelona	June 21–27		1	
Madrid	May 1–31		1	
Syria:				
Aleppo	May 20–June 16	4	2	
Beirut	May 1–10	1		
Tunis:				
Tunis	May 28–June 24	3	2	
Turkey:				
Constantinople	May 13–June 2		15	
Union of South Africa				May 1–31, 1923: Cases, 102: deaths, 21 (colored). White—Cases, 6. Total, 108 cases, 21 deaths.
Cape Province				May 1–31, 1923: Cases, 49 (colored); white, 5.
Do	Apr. 29–June 9			Outbreaks.

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

Reports Received from June 30 to August 3, 1923—Continued.

TYPHUS FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Union of South Africa—Con.				
Natal				May 1–31, 1923: One case (colored).
Orange Free State				May 1–31, 1923: Cases, 45 (colored.)
Do	May 6–26			Outbreaks.
Transvaal				May 1–31, 1923: Cases, 7.
Do	May 6–12			Outbreaks.
Johannesburg	May 1–31	1	3	
Yugoslavia:				
Croatia—				
Zagreb	May 27–June 2	1		

YELLOW FEVER.

Brazil:				
Bahia	May 13–June 9	17	5	