

PUBLIC HEALTH REPORTS

VOL. 38

OCTOBER 19, 1923

No. 42

THYROID ENLARGEMENT AMONG SCHOOL CHILDREN OF GRAND RAPIDS, MICH.¹

In view of the suspected goiter prevalence in Grand Rapids, Mich., and stimulated by the recent work in the prevention of goiter by Marine and Kimball and the results obtained by Kimball in the prevention of simple goiter in Ohio,² Dr. C. C. Slemons, health officer of Grand Rapids, instituted a survey among the school children of that city in order to determine the exact degree of goiter prevalence among them and to learn whether or not preventive measures should be taken.

The survey included all of the school children of Grand Rapids, both boys and girls, of all grades from kindergarten through high school, including private, parochial, and public schools. Doctor Kimball took part in a large number of the examinations of girls in one of the high schools in order that a comparison might be made with the survey carried on in Ohio, in which only girls were included.

The classification adopted to facilitate the work consisted in designating normal thyroids No. 1; slightly enlarged thyroids, No. 2; greatly enlarged thyroids, No. 3; and those thought to be adenomas, No. 5.

Examinations were made without any appreciable interruption of the school routine. The children formed in line, each with a small card bearing his name, age, grade, and sex, and passed in turn by the examining physician, who classified them according to the above classification. A nurse made the entry on the cards. With the child facing a good light, the thyroid area was inspected, then palpated. Palpation of the gland while the child was in the act of swallowing frequently revealed slight enlargements that would not otherwise have been observed. Many cases of doubtful slight enlargement were classified as "normal" rather than "slightly enlarged," such classification being thought more desirable from the standpoint of incidence determination.

¹ A survey of thyroid enlargement among the school children of Grand Rapids. By Torrance Reed, M. D., and H. T. Clay, M. D. *The Jour. Mich. State Med. Soc.*, Vol. XXII, No. 8, August, 1923, pp. 323-325.

² The prevention of simple goiter. By O. P. Kimball, M. D. *Am. Jour. Pub. Health*, Vol. XIII, No. 2, February, 1923, pp. 81-87, and *Pub. Health Rep.*, Vol. 33, No. 17, April 27, 1923, pp. 877-885. (Reprint No. 532.)

Among 26,215 pupils examined, 30 per cent were found to have enlarged thyroids; and of this 30 per cent found affected, 32.7 per cent were boys and 67.3 per cent girls—an incidence approximately twice as high among girls as boys in this group of school children. It is stated, however, that the moderate and marked enlargements are probably in about the ratio of six or eight to one as compared with boys, and that the slight enlargements, sufficiently numerous among boys to bring the total incidence in boys to 50 per cent of that among girls, are the enlargements generally overlooked; and the authors believe that the failure to discover them results in the erroneous opinion that simple goiter is about eight times as prevalent among girls as among boys.

The following table is given showing the incidence of thyroid enlargement among the school children of Grand Rapids, classified by sex and by age groups under ten years of age and over ten years, respectively:

	Under 10.	Over 10.	Total enlargements.	Total examined.
Boys.....	623	1,938	2,561	12,631
Girls.....	1,073	4,205	5,278	13,584

It is shown that over 10 years of age the ratio of incidence in girls to that of boys is about $2\frac{1}{2}$ to 1, whereas under 10 years of age it is less than 2 to 1. In high schools the percentage of pupils affected ranged from 39 to 60 per cent.

No exophthalmic goiter was observed during the survey.

The officials of the health department of Grand Rapids, considering goiter prevention to be a public health measure and believing that such work can best be done by public health officers, and in view of the conditions revealed by the survey, have instituted preventive measures. The treatment consists in giving 10 milligrams of iodine weekly for 40 weeks throughout the school year. The iodine, in the form of a chocolate confection, prepared by a reliable pharmaceutical firm, is given by the school nurse. Before being given treatment each child is required to have the written consent of his parents.

It is yet too early for any results from the prophylaxis to be available.

FURTHER RELATIVE TO MOSQUITO CONTROL AT BRUNSWICK, GA.

A recent report from the quarantine station at Brunswick, Ga., shows continued success with mosquito-control measures employed in that locality during the current year.¹

¹ Public Health Reports, Aug. 24, 1923, p. 1965.

The mosquito-extermination campaign was begun in the fall of 1922 and has been carried on under the supervision of the local board of health, assisted by the sanitary committee of the Brunswick Chamber of Commerce. The physicians of the community took an active interest in the educational feature of the work and took the opportunity on the occasions of professional visits to explain the rôle of the fly and mosquito in carrying disease and to emphasize the necessity for the cooperation of every person in order to wage a successful fight against these pests. Such instruction and advice coming from authoritative sources is said to have done more to arouse the people than could have been accomplished by the distribution of literature. His interest aroused, each householder became a self-appointed inspector of his own premises and kept them free from breeding places for flies and mosquitoes. Under the supervision of an officer in charge of the control work, all places likely to retain surface water after rains were drained wherever it was practicable to do so. Ponds and lakes not susceptible of drainage were either oiled or stocked with top minnows.

The results of this work have been decidedly evident, and the absence of mosquitoes during a season particularly favorable for their reproduction has been a revelation to the community in what can be accomplished by cooperative effort. It is stated that the health conditions in Brunswick and in Glynn County have been unusually favorable during the year, with a reduction in the number of cases of malaria, typhoid fever, and diarrheal diseases, and no case of dengue being reported.

SOME VITAL STATISTICS FOR GERMANY.

PRUSSIA, 1912, 1913, 1920, 1921.

The following data on vital statistics for Prussia, furnished by the American consul, were taken from the annual statistics for the State of Prussia for 1921:

Year.	Population.	Deaths (exclusive of suicides).	Suicides.	Births.	Infant deaths (under 1 year).
1912.....	41,300,000	636,303	8,793		
1913.....	41,900,000	620,455	9,214	1,173,416	175,989
1920.....	38,000,000	581,209		972,606	130,556
1921.....	38,300,000	529,870	7,559	963,768	129,939

Deaths from excessive indulgence in alcoholic liquor were given as follows: In 1912, 936; in 1913, 913; in 1920, 155; and in 1921, 297.

Divorces.—A conspicuous increase in divorces is noted from a pre-war divorce record of from 4,000 to 9,000 annually, to 13,261 in 1919, 23,059 in 1920, and 25,836 in 1921.

MARRYING AGES OF CITIZENS OF BADEN.

Data collected by the statistical office of the Government of Baden indicate that there is a tendency among all professions in Baden, Germany, to marry earlier than was the case before the war. In view of the general current conception of economic conditions throughout Germany, this would at first hand appear to be an anomalous situation. In the report it is suggested that the change may be due in part to the abolition of military service and in part to the comparatively better pay which young workers are receiving. It may also be due in part to a different age constitution of the male population as a result of the war. The percentage of workers 20 to 25 years of age married in 1912 is given as 40.9, whereas in 1922 it was 43.4. It is also noted that older bachelors show more inclination toward matrimony than they did before the war. The percentage of peasants marrying at an age of over 35 years was 8.4 per cent in 1912 and 17 per cent in 1922. The increase is stated to be still greater among factory workers and professional people.

Of 243 professional men (lawyers, professors, physicians, ministers) married in Baden in 1922, one-third were between the ages of 30 and 35 years, one-third between 25 and 30 years, 15 per cent were over 40 years, and only 6 per cent between 20 and 25 years.

Workers were stated to have married much earlier. Of 4,376 factory workers married in 1922, 82 per cent were from 20 to 30 years of age (more than half of these being between 20 and 25 years of age):

Peasants were found to marry between the marrying ages of professional men and of factory workers. Of 2,951 peasants who married in 1922, 39 per cent were between 25 and 30 years of age, and 25 per cent between 30 and 35.

INTERNATIONAL ASSOCIATION FOR THE PROMOTION OF CHILD WELFARE.

Second Ordinary Session Held at Geneva July 28-30, 1923.

Among the subjects dealt with at the second ordinary session of the International Association for the Promotion of Child Welfare, held at Geneva July 28-30, 1923, were questions relating to the regulation of infant rearing centers, the improvement of day nurseries, school hygiene, and the repatriation of juvenile delinquents. Resolutions were adopted as follows:

1. *Regulation of infant rearing centers.*—Because of the difficulty in supervising the care of infants placed out promiscuously, it was recommended that “rearing centers” be established, directed by qualified medical officers.

2. *Improvement of crèches.*—(a) All crèches, or day nurseries, should be under the direction of a physician; (b) they should have separate rooms for the cradles, for the linen, for disinfecting purposes, and for isolating patients; and (c) they should be open to the pupils of puericulture schools.

3. *School hygiene.*—There should be close collaboration between the teacher, the school physician, and the school nurse. The teacher should have a knowledge of the fundamental rules of hygiene. Each child should undergo a yearly examination, records should be kept, and proper action should be taken as indicated by the examination. From a prophylactic point of view, the attention of the public authorities is called (a) to importance of the medical examination from the standpoint of the teacher and (b) to the importance of dental hygiene and treatment.

Convention for the repatriation of destitute or juvenile delinquents.—The approved draft of this convention provides (in 12 articles) for the repatriation of minors of foreign nationality by the contracting States, with particular reference to those minors without means of protection or support, and escaped delinquents, who have been taken from the authority of their parents or guardian. In every case the minor is handed over by virtue of a decision duly given by the authorities of the State of which he is a native. Provisions are made for the ratification of the convention, which comes into operation as regards each signatory State one month from the date of deposit of certificate of ratification, and for denouncement of the convention by any signatory State.

CITY HEALTH OFFICERS, 1923.

Directory of Those in Cities of 10,000 or More Population.

Directories of the city health officers in the cities of the United States having a population of 10,000 or more have been published in The Public Health Reports¹ for each year from 1916 to 1922, for the information of health officers and others interested in public health activities. These directories have been compiled from data furnished by the health officers. The cities included in this directory are those having 10,000 population or more according to the census of 1920.

¹ Reprints Nos. 346, 416, 494, 539, 599, 702, and 767 from the Public Health Reports.

The asterisk (*) indicates that the officer so designated has been reported to be a "whole-time" health officer. For this purpose a "whole-time" officer is defined as "one who does not engage in the practice of medicine or in any other business, but devotes all his time to official duties."

City.	Name of health officer.	Official title.
Alabama:		
Anniston.....	*G. A. Cryer, M. D.....	County health officer.
Bessemer.....	.....	.....
Birmingham.....	*J. D. Dowling, M. D.....	County health officer.
Dothan.....	*F. E. Tucker, M. D.....	City and county health officer.
Florence.....	*W. D. Hubbard, M. D.....	Field agent, U. S. P. H. S.
Gadsden.....	*Claude L. Murphree, M. D.....	Etawah County health officer.
Mobile.....	*C. A. Mohr, M. D.....	County health officer.
Montgomery.....	*J. L. Bowman, M. D.....	Health officer, Montgomery health unit.
Selma.....	*L. T. Lee, M. D.....	Dallas County health officer.
Tuscaloosa.....	*A. A. Kirk, M. D.....	City and county health officer.
Arizona:		
Phoenix.....	L. D. Dameron, M. D.....	City health officer.
Tucson.....	A. G. Schnabel, M. D.....	Do.
Arkansas:		
Fort Smith.....	R. F. Parks, M. D.....	District health officer.
Hot Springs.....	.....	.....
Little Rock.....	*John Thames, M. D.....	City health officer.
North Little Rock.....	V. L. Easom, M. D., D. P. H.....	Health officer.
Pine Bluff.....	Wm. Hunt Blankenship, M. D.....	City health officer.
California:		
Alameda.....	Arthur Hieronymus, M. D.....	Health officer.
Bakersfield.....	Peter J. Cuneo, M. D., LL. B.....	Do.
Berkeley.....	Ernest H. Pape, M. D.....	Health officer and registrar.
Eureka.....	John N. Chain, M. D., B. S.....	City physician and health officer.
Fresno.....	Carlton Mathewson, M. D.....	City health officer.
Glendale.....	G. Kaemmerling, M. D., B. S.....	Health officer.
Long Beach.....	*G. E. McDonald, M. D.....	City health officer.
Los Angeles.....	*L. M. Powers, M. D.....	Health commissioner.
Oakland.....	Harry E. Foster, M. D.....	Health officer.
Pasadena.....	*Frank W. Hodgdon, jr., M. D.....	City health officer.
Pomona.....	*William Hammond Eaton, M. D., B. S.....	Deputy health officer, Pomona district.
Richmond.....	Chas. R. Blake, M. D.....	Commissioner of health.
Riverside.....	W. B. Wells, M. D.....	Health officer.
Sacramento.....	George Joyce Hall, M. D.....	City health officer.
San Bernardino.....	Walter D. Lenker, M. D.....	County health officer.
San Diego.....	Alex. M. Lesem, M. D.....	Health officer and superintendent.
San Francisco.....	*William C. Hassler, M. D.....	Health officer.
San Jose.....	Henry C. Brown, M. D.....	Do.
Santa Ana.....	John I. Clark, M. D.....	Do.
Santa Barbara.....	*A. M. De Vilbiss, M. D.....	Do.
Santa Cruz.....	Wm. Hugus Keck, M. D.....	County health officer.
Santa Monica.....	W. A. Hodgkinson, M. D., Jumipher Building.	City health physician.
Stockton.....	*John J. Sippy, M. D.....	District health officer.
Vallejo.....	E. A. Peterson, M. D.....	City physician.
Venice.....	*I. L. Magee, M. D.....	City health officer.
Colorado:		
Boulder.....	J. H. Bush, M. D.....	Director of public health.
Colorado Springs.....	O. R. Gillett, M. D.....	Health Officer.
Denver.....	*W. H. Sharpley, M. D.†.....	Manager of health and charity.
Greeley.....	Thos. E. Atkinson, M. D.....	County physician.
Pueblo.....	W. E. Buck, M. D.....	Chief department of health, inspection, and sanitation.
Trinidad.....	Bernard M. Cowley, M. D.....	City physician.
Connecticut:		
Ansonia.....	Frederick C. Goldstein, M. D.....	Health officer.
Bridgeport.....	*William Hall Coon, M. D.....	Do.
Bristol.....	Jos. I. Woisard, M. D.....	Do.
Danbury.....	Everett J. S. Scofield, M. D.....	City health officer.
Derby.....	.....	.....
East Hartford.....	Franklin H. Mayberry, M. D.....	Town health officer.
Enfield.....	.....	.....
Fairfield.....	*Laurence E. Poole, M. D.....	Health officer.
Greenwich.....	Albert E. Austin, M. D.....	Health officer of the town of Greenwich.
Hartford.....	*Charles P. Botsford, M. D.....	Superintendent of health.
Manchester.....	D. C. Y. Moor, M. D.....	Chairman of board of health.
Meriden.....	Joseph A. Cooke, M. D.....	Health officer.
Middletown.....	Thomas P. Walsh, M. D.....	Do.
Milford.....	Willis S. Putney, M. D.....	Town health officer.
Naugatuck.....	.....	.....

† Also health officer for Denver County.

City.	Name of health officer.	Official title.
Connecticut—Contd.		
New Britain.....	*Frederick P. Lee, M. D.....	Superintendent of health.
New Haven.....	*Dwight M. Lewis, M. D.....	Acting health officer.
New London.....	*B. N. Pennell, D. V. S.....	Health officer.
Norwalk.....	Robert E. Perdue, M. D.....	Do.
Norwich.....	Edward J. Brophy, M. D.....	Do.
Orange.....		
Stamford.....		
Stonington (town).....	Charles F. Congdon, M. D. 3.....	Town health officer.
Stratford.....	George F. Lewis, M. D.....	Do.
Torrington.....	Elias Pratt, M. D.....	Do.
Wallingford.....	M. T. Meehan, M. D.....	Borough health officer.
Waterbury.....	*Thomas J. Kilmartin, M. D.....	Health officer.
Willimantic.....	Wm. P. S. Keating, M. D.....	City health officer.
Windham.....	Frederick E. Wilcox, M. D.....	Town health officer.
Delaware:		
Wilmington.....	*Robert S. McBirney, M. D.....	Secretary of board of health.
District of Columbia:		
Washington.....	*William C. Fowler, M. D.....	Health officer.
Florida:		
Jacksonville.....	*William Williams MacDonell, M. D., Ph. C.....	City health officer.
Key West.....	*Joseph Yates Porter, Sr., M. D.....	Health officer.
Miami.....	*W. T. Lanier, M. D.....	Chief of health division.
Pensacola.....	Wm. D. Nobles, M. D.....	Health officer.
St. Petersburg.....	A. J. Wood, M. D.....	City physician and health officer.
Tampa.....	*Jesse R. Harris, M. D.....	Health officer.
Georgia:		
Albany.....	*Hugo Robinson, M. D.....	Commissioner of health.
Athens.....	*J. D. Applewhite, M. D.....	Do.
Atlanta.....	*J. P. Kennedy, M. D.....	City health officer.
Augusta.....	*Harry B. Neagle, M. D.....	Commissioner of health, Augusta and Richmond Counties.
Brunswick.....	*H. L. Akridge, M. D.....	Commissioner of health.
Columbus.....	*James A. Thrash, M. D.....	Health officer.
Lagrange.....	*C. S. Kinzer, M. D.....	Troup County commissioner of health.
Macon.....	*Chas. L. Ridley, M. D.....	Health officer.
Rome.....	*B. V. Elmore, M. D.....	Commissioner of health.
Savannah.....	*Victor H. Bassett, M. D.....	Acting health officer.
Valdosta.....	*Gordon T. Crozier, M. D.....	City health officer.
Waycross.....		
Idaho:		
Boise.....	*Robert H. Pratt.....	Health officer.
Pocatello.....	C. W. Clark, M. D.....	City physician.
Illinois:		
Alton.....	Daniel F. Duggan, M. D.....	Health commissioner.
Aurora.....	Geo. W. Haan, M. D.....	Do.
Belleville.....	B. H. Porterondo, M. D.....	Health officer.
Berwyn.....	*H. L. Wright, M. D.....	Do.
Bloomington.....	*Harold B. Wood, M. D.....	Health director.
Blue Island.....	Louis A. Burkhardt.....	Health officer.
Cairo.....	B. S. Hutchinson, M. D.....	City physician and health officer.
Canton.....	T. C. Hays, M. D.....	City health physician.
Centralia.....	J. W. Armstrong, M. D.....	Health officer.
Champaign.....	W. E. Schowengerdt, M. D.....	Do.
Chicago.....	*Herman H. Bundesen, M. D.....	Commissioner of health.
Chicago Heights.....	G. F. Schreiber, M. D.....	Health commissioner.
Cicero.....	Bret L. Vilpa, M. D.....	Do.
Danville.....	J. B. Hundley, M. D.....	Health commissioner.
Decatur.....	*Wm. F. Harding.....	Health officer.
East St. Louis.....	*John T. Connors.....	Commissioner of health.
Elgin.....	*George H. Reber.....	Health officer.
Evanston.....	Clarence T. Roome, M. D.....	Commissioner of health.
Forest Park.....	H. P. A. Carstens, M. D.....	Health commissioner.
Freeport.....	James A. Poling, M. D.....	Do.
Galesburg.....	E. D. Wing, M. D.....	Do.
Granite City.....	J. J. Fitzgerald, M. D.....	City physician.
Herrin.....	Abe Hicks.....	President board of health.
Jacksonville.....	*Raymond Voorhees Brokaw, M. D.....	City health officer.
Joliet.....	*Ed. J. Higgins, M. D.....	Commissioner of health.
Kankakee.....	William Yeates, M. D.....	City health officer.
Kewanee.....	H. N. Hellin, M. D.....	Commissioner of health.
La Salle.....	*E. W. Wets, M. D.....	Health commissioner.
Lincoln.....	L. R. Brassom, M. D.....	Medical member board of health.
Mattoon.....	R. J. Coultas, M. D.....	Health officer.
Maywood.....	H. H. Roberts, M. D.....	Do.
Moline.....	E. A. Edlen, M. D.....	City physician.
Murphysboro.....	Boyd Thorp.....	Commissioner of health and safety.
Oak Park.....	Frank S. Needham, M. D.....	Commissioner of health.
Ottawa.....	W. A. Pike, M. D.....	Health officer.
Pekin.....	James E. Watson, M. D., I. L. B.....	Do.
Peoria.....	S. Horwitz, M. D.....	Commissioner of health.
Quincy.....	*John W. H. Pollard, M. D.....	Health officer.

3 Address Mystic, Conn.

City.	Name of health officer.	Official title.
Illinois—Continued.		
Rock Island.....	N. O. Gunderson, M. D.	Commissioner of health.
Rockford.....	*A. E. Campbell, M. D.	Superintendent of health.
Springfield.....	A. N. McCord, M. D.	City physician.
Streator.....	Geo. F. Way, M. D.	Health officer.
Urbana.....	John C. Foley, M. D.	City health physician.
Waukegan.....		
Indiana:		
Anderson.....	E. M. Conrad, M. D.	Secretary city board of health.
Bloomington.....	Otto F. Rogers, M. D.	Secretary Monroe County board of health.
Clinton.....	I. D. White, M. D.	Secretary, board of health.
Crawfordsville.....	Aubrey L. Loop, M. D.	City health officer.
East Chicago.....	M. A. Given, M. D.	Secretary of board.
Elkhart.....		
Elwood.....	Harry W. Fitzpatrick, M. D.	Secretary board of health.
Evansville.....		
Fort Wayne.....	John H. Gilpin, M. D.	Health officer.
Frankford.....	H. N. Oliphant, M. D.	Secretary board of health.
Gary.....	W. J. White, M. D.	Do.
Hammond.....	Wm. A. Buchanan, M. D.	Do.
Huntington.....	E. F. Frost, M. D.	Do.
Indianapolis.....	*Herman G. Morgan, M. D.	Health officer.
Jeffersonville.....	Davis L. Field, M. D.	Secretary.
Kokomo.....	T. C. Cochran, M. D.	City health officer.
La Fayette.....	A. J. Bauer, M. D.	City health commissioner.
Laporte.....	Chas. F. Bursleson, M. D.	County health officer.
Logansport.....	*Geo. D. Miller, M. D.	Secretary board of health.
Marion.....	V. V. Cameron, M. D.	City health officer.
Michigan City.....	Nelle C. Reed, M. D.	Health officer.
Mishawaka.....	Leo P. Van Rie, M. D.	Secretary.
Muncie.....	U. G. Poland, M. D.	Secretary city board of health.
New Albany.....	Chester C. Funk, M. D.	Secretary board of health.
Newcastle.....	Wm. C. Heilman, M. D.	Secretary city board of health.
Peru.....	D. C. Ridenour, M. D.	Do.
Richmond.....	Charles E. Duffin, M. D.	City health officer.
South Bend.....	Charles S. Bosenbury, M. D.	Secretary board of health.
Terre Haute.....	George T. Johnson, M. D.	Secretary city board of health.
Vincennes.....	Clark E. Steward, M. D.	Secretary board of health.
Whiting.....	William E. Putnam, M. D.	Secretary.
Iowa:		
Boone.....	William Woodburn, M. D.	Health officer.
Burlington.....	George H. Stinle, M. D.	Do.
Cedar Rapids.....	William E. Brown, M. D.	City physician.
Clinton.....	H. R. Sugg, M. D.	Health officer.
Council Bluffs.....	Charles H. Bower, M. D.	Do.
Davenport.....	*Theodore J. Meyer	Do.
Des Moines.....	*H. L. Saylor, M. D.	Health commissioner.
Dubuque.....	*D. C. Steelsmith, M. D.	Director of health.
Fort Dodge.....	*E. S. Welsh	Captain of sanitary police.
Fort Madison.....	J. M. Casey, M. D.	Physician to board of health.
Iowa City.....	T. L. Hazard, M. D.	Health officer.
Keokuk.....	Bruce L. Gilfillan, M. D.	Physician to board of health.
Marshalltown.....	Robert Crichton Molison, M. D.	City health officer.
Mason City.....	C. W. Hubbard, M. D.	Superintendent of health.
Muscatine.....	Edmond B. Fulliam, jr., M. D.	City health physician.
Ottumwa.....	Margret B. Mills, M. D.	City physician.
Sioux City.....	W. D. Hayes.	Commissioner of public health and director of laboratories.
Waterloo.....	H. W. Sigworth, M. D.	Health officer.
Kansas:		
Arkansas City.....	Ernest F. Day, M. D.	City health officer.
Atchison.....	Chas. W. Robinson, M. D.	Health officer.
Chanute.....	M. A. Duncan, M. D.	City physician and health officer.
Coffeyville.....	W. H. Wells, M. D.	City physician.
El Dorado.....	*J. W. Buckley	City health officer.
Emporia.....	*J. S. Fulton, M. D.	Health officer.
Fort Scott.....	C. L. Mosley, M. D.	Asst. collaborating epidemiologist, U. S. P. H. S.
Hutchinson.....	Guy R. Walker, M. D.	City physician.
Independence.....	C. O. Shepard, M. D.	Do.
Kansas City.....	*Louis B. Gleyne, M. D.	Commissioner of health.
Lawrence.....	*Arthur W. Clark, M. D.	Superintendent of public health.
Leavenworth.....		
Parsons.....	M. C. Ruble, M. D.	City physician.
Pittsburg.....	Ralph E. Jenkins, M. D.	City health officer.
Salina.....	Melchor Gist Cockey, M. D.	County health officer.
Topeka.....	Earle Godfrey Brown, M. D.	City health officer.
Wichita.....	*Milton O. Nyberg, M. D.	City physician.
Kentucky:		
Ashland.....	*Robert D. Higgins, M. D.	Director health department.
Covington.....	J. P. Riffe, M. D.	City health officer.
Henderson.....	William V. Neel, M. D.	Do.
Lexington.....	*Charles H. Voorhies, M. D.	Health officer.
Louisville.....	*Ellis Owen, M. D.	City health officer.
Newport.....	John Todd, M. D.	Do.
Owensboro.....	*George W. Duvall, M. D.	Director Daviess County department of health.
Faducah.....	H. P. Linn, M. D.	City health officer.

City.	Name of health officer.	Official title.
Louisiana:		
Alexandria.....	*Charles M. Abbott, M. D. . . .	Director of public health.
Baton Rouge.....	T. Jeff. McHugh, M. D.	Health officer.
Lake Charles.....	John G. Martin, M. D.	City health officer.
Monroe.....	D. I. Hirsch, M. D.	President board of health.
New Orleans.....	John Callan, M. D.	Superintendent of public health.
Shreveport.....	.....	.....
Maine:		
Auburn.....	*Leo. F. Hall, M. D.	Health officer.
Augusta.....	George A. Coombs, M. D.	Do.
Bangor.....	*Harry D. McNeil, M. D.	Do.
Bath.....	*Chester S. Kingsley	Resident sanitarian.
Biddeford.....	*John W. Mahoney	Health officer.
Lewiston.....	*L. J. Dumont, M. D.	Do.
Portland.....	*Thomas Tetreau, M. D.	Do.
Sanford.....	*William H. Kelly, M. D.	Do.
Waterville.....	*William James Young, M. D.	Do.
Maryland:		
Annapolis.....	Joseph C. Joyce, M. D.	Do
Baltimore.....	*Charles Hampson Jones, M. D.	Commissioner of health.
Cumberland.....	*Hervey H. Weiss	Health officer and registrar of vital statistics.
Frederick.....	Ira G. McCurdy, M. D.	City health officer.
Hagerstown.....	.....	.....
Massachusetts:		
Adams.....	.....	.....
Amesbury.....	Samuel L. Porter	Chairman board of health.
Arlington.....	*William H. Bradley	Agent board of health.
Attleboro.....	William O. Hewitt, M. D.	Health officer.
Belmont.....	*Henry Bergee, jr., C. P. H.	Agent board of health.
Beverly.....	*Alonzo O. Woodbury	Clerk and agent.
Boston.....	*Francis X. Mahoney, M. D.	Health commissioner.
Braintree.....	.....	.....
Brockton.....	Fred J. Ripley, M. D.	Health officer.
Brookline.....	Francis P. Denny, M. D.	Do.
Cambridge.....	Simon B. Kelleher, M. D.	Medical inspector.
Chelsea.....	*Wm. Randall, M. D.	Health officer.
Chicopee.....	*Gertrude M. De Witt	Secretary and agent.
Clinton.....	*Frederick E. Murphy	Health officer.
Danvers.....	*Hugo Nappe	Agent.
Dedham.....	Thomas Brennan	Health inspector.
Easthampton.....	Clemence C. Buckner	Agent board of health.
Everett.....	*William Gess	Agent.
Fall River.....	*Samuel B. Morriss	Agent board of health.
Fitchburg.....	*Fred R. Brigham	Do.
Frammingham.....	*Fred S. Dodson	Health officer.
Gardner.....	*William P. O'Donnell	Agent.
Gloucester.....	Philip P. Moore, M. D.	Chairman board of health.
Greenfield.....	*George P. Moore	Health agent.
Haverhill.....	*George T. Lennon	Agent and clerk.
Holyoke.....	*J. Sidney Wright	Agents and health officer.
Lawrence.....	Elias J. Hayes	Chairman board of health.
Leominster.....	*Hugh E. Crain	Agent board of health.
Lowell.....	*Francis J. O'Hare	Agent.
Lynn.....	Michael R. Donovan	Commissioner public health.
Malden.....	*Frederick Walmsley	Health inspector.
Marlboro.....	*John J. Cassidy	Agent.
Medford.....	Paul J. D. Haley, M. D.	Medical inspector.
Melrose.....	Clarence P. Holden, M. D.	Chairman board of health.
Methuen.....	*John M. Laing	Clerk board of health.
Milford.....	.....	.....
Natick.....	Frederick G. Bailey	Agent to board.
New Bedford.....	*Wm. G. Kirschbaum	Agent and executive officer.
Newburyport.....	*William Thurston	Agent and clerk.
Newton.....	*Francis Geo. Curtis, M. D.	Chairman board of health.
North Adams.....	*Douglas W. Hyde	Agent.
Northampton.....	*George R. Turner	Agent board of health.
Northbridge.....	Daniel C. Duggan	Agent.
Norwood.....	James J. Mulvehill	Agent board of health.
Peabody.....	*James J. Ray	Do.
Pittsfield.....	*Leland French, M. D.	Health officer.
Plymouth.....	Walter D. Shurtieff, M. D.	Do.
Quincy.....	Michael T. Sweeney, M. D.	Commissioner of health.
Revere.....	.....	.....
Salem.....	*John J. McGrath	Agent board of health.
Saugus.....	Charles E. Light	Chairman board of health.
Somerville.....	Frank L. Morse, M. D.	Medical inspector and bacteriologist.
Southbridge.....	*Albert E. Brown	Agent.
Springfield.....	*William L. Young	Agent board of health.
Taunton.....	Thomas F. Cusick, M. D.	Chairman board of health.
Wakefield.....	David Taggart	Health officer.
Waltham.....	Charles B. Fuller, M. D.	Director public welfare commission.
Watertown.....	*John W. Tapper	Health officer.
Webster.....	Myron F. Cutler, M. D.	Do.

*Also health officer for Rapides Parish.

City.	Name of health officer.	Official title.
Massachusetts—Contd.		
West Springfield.....	J. J. Lysaght.....	Agent board of health.
Westfield.....	Robert M. Marr, M. D.....	Chairman board of health.
Weymouth.....	F. L. Doucett, M. D.....	Clerk board of health.
Winchester.....	*Maurice Dinneen.....	Health officer.
Winthrop.....	*S. A. Moury.....	Do.
Woburn.....	*Edward T. Gorman.....	Agent and secretary.
Worcester.....	*Thomas F. Kenney, M. D.....	Director public and school hygiene.
Michigan:		
Adrian.....	J. P. Bland, M. D.....	City health officer.
Alpena.....	D. A. Cameron, M. D.....	City physician.
Ann Arbor.....	John A. Wessinger, M. D.....	Health officer.
Battle Creek.....	*A. A. Hoyt, M. D.....	Do.
Bay City.....	John A. Keho, M. D.....	Do.
Benton Harbor.....	Carl A. Mitchell, M. D.....	Director of public health.
Detroit.....	*Henry F. Vaughan, D. P. H.....	Commissioner of health.
Escanaba.....	*Harry J. Defnet, M. D.....	Do.
Flint.....	Robert A. Stephenson, M. D.....	Health officer.
Grand Rapids.....	*C. C. Slemmons, M. D.....	Do.
Hamtrack.....	T. T. Dysarz, M. D.....	Do.
Highland Park.....	Wm. N. Braley, M. D.....	Do.
Holland.....	Byron B. Godfrey, M. D.....	Do.
Ironwood.....	*C. W. Olson, M. D.....	Do.
Ishpeming.....	*George G. Barnett, M. D.....	City health officer.
Jackson.....	*F. R. Town, M. D.....	Health officer.
Kalamazoo.....	*A. H. Rockwell, M. D.....	Do.
Lansing.....	*S. Rowland Hill, M. D.....	Health director.
Marquette.....	*Charles P. Drury, M. D.....	City health officer.
Monroe.....	Chas. T. Southworth, M. D.....	Health officer.
Muskegon.....	R. J. Harrington, M. D.....	Do.
Owosso.....	W. E. Ward, M. D.....	Do.
Pontiac.....	*Charles A. Neafie, M. D.....	Director of public health.
Port Huron.....	Gertrude O'Sullivan, M. D.....	Health officer.
Saginaw.....	*William De Kleine, M. D.....	Do.
Sault St. Marie.....	*John J. Griffin, M. D.....	City health officer.
Traverse City.....	Geo. A. Holliday, M. D., D. D. S.....	Health officer.
Wyandotte.....		
Minnesota:		
Austin.....	Clifford C. Leck, M. D.....	Chairman board of health.
Duluth.....	L. A. Sukeforth, M. D.....	Director public health.
Faribault.....	Frederick V. Davis, M. D.....	Health commissioner.
Hibbing.....	Theo. A. Estrem, M. D.....	Health officer.
Mankato.....	A. F. Kemp, M. D.....	Health commissioner.
Minneapolis.....	*F. E. Harrington, M. D.....	Commissioner of health.
Rochester.....	C. H. Mayo, M. D.....	City health officer.
St. Cloud.....	*Paul Scherer.....	Sanitary officer.
St. Paul.....	*Benj. F. Simon, M. D.....	Chief health officer.
Virginia.....	H. T. Ground, M. D.....	Health officer.
Winona.....	William V. Lindsay, M. D.....	Do.
Mississippi:		
Biloxi.....	G. F. Carroll, M. D.....	City health officer.
Columbus.....	T. T. Box, M. D.....	Health officer.
Greenville.....	*A. J. Ware, M. D.....	City health officer.
Hattiesburg.....	J. D. Donald, M. D.....	County health officer.
Jackson.....	Thomas P. Sparks, jr., M. D.....	City health officer.
Laurel.....	C. M. Hyde, M. D.....	City health officer.
Meridian.....	T. J. Houston, M. D.....	Do.
Natchez.....	W. H. Aikman, M. D.....	County and city health officer.
Vicksburg.....	S. Myers, M. D.....	Health officer.
Missouri:		
Cape Girardeau.....	*Robert Wilson.....	Health officer.
Carthage.....	Lloyd B. Clinton, M. D.....	Deputy State health commissioner and county physician.
Columbia.....	W. A. Norris, M. D.....	Health commissioner.
Hannibal.....		
Independence.....	Calvin Atkins, M. D.....	City physician.
Jefferson City.....	Hugh Granville Dallas, M. D.....	Do.
Joplin.....	*M. B. Harutun, M. D.....	Commissioner of health.
Kansas City.....	Eugene H. Bullock, M. D.....	Health commissioner.
Moberly.....	C. H. Dixon, M. D.....	Do.
St. Joseph.....	Leroy Beck, M. D.....	Health officer.
St. Louis.....	*Max C. Starkloff, M. D.....	Health commissioner.
Sedalia.....	Chas. T. Robinson.....	Sanitary officer.
Springfield.....	*Ed. S. Finch.....	Commissioner of health.
Montana:		
Anaconda.....	Max C. Dorland, M. D.....	City health officer.
Billings.....	*Roscoe C. Main, M. D.....	Health officer.
Butte.....	J. B. Freund, M. D.....	Do.
Great Falls.....	*G. A. Fuson, M. D.....	Field agent U. S. P. H. S.
Helena.....	*Arthur Jordan, M. D.....	City health officer.
Missoula.....	*F. D. Pease, M. D.....	Health officer.

* A full-time deputy health officer employed.

City.	Name of health officer.	Official title.
Nebraska:		
Grand Island.....	Frank D. Ryder, M. D.....	City physician.
Hastings.....		
Lincoln.....	*Chauncey F. Chapman, M. D.....	Superintendent of health.
North Platte.....	Claude A. Selby, M. D.....	City physician.
Omaha.....	A. S. Pinto, M. D.....	Health commissioner.
Nevada:		
Reno.....	W. L. Samuels, M. D.....	Secretary city board of health.
New Hampshire:		
Berlin.....	*Richard H. Coombs.....	Health officer.
Concord.....	*Charles E. Palmer.....	Do.
Dover.....	*Wm. E. Whiteley.....	Executive officer.
Keene.....	*Fred C. Nims.....	Health officer.
Laconia.....		
Manchester.....	*Howard A. Streeter, M. D.....	Health officer.
Nashua.....	P. J. McLaughlin, M. D.....	Chairman board of health.
Portsmouth.....	L. R. Hazard, M. D.....	Sanitary officer.
New Jersey:		
Asbury Park.....	*B. H. Obert.....	Health officer and registrar of vital statistics.
Atlantic City.....	Samuel L. Salasin, M. D.....	Health officer.
Bayonne.....	William W. Brooke, M. D.....	Do.
Belleville.....	W. Brand Smith.....	Do.
Bloomfield.....	*Joseph C. Saile, M. D.....	Do.
Bridgeton.....	*Charles E. Bellows, Ph. G.....	Sanitary inspector.
Camden.....	*A. L. Stone, M. D.....	Director department of public health.
Clifton.....	J. P. Quinlan.....	Health officer.
East Orange.....	*T. Dudley Ballenger.....	Do.
Elizabeth.....	*Louis J. Richards.....	Do.
Englewood.....	*John A. Manson.....	Sanitary inspector.
Garfield.....	Chas. B. Bleasby, M. D.....	City health officer.
Gloucester.....	J. Alonzo Beak, M. D.....	Health officer.
Hackensack.....	*Malcolm Lewis.....	Do.
Harrison.....	*John T. McClure.....	Do.
Hoboken.....	Joseph F. X. Stack, M. D.....	Health commissioner.
Irvington.....	*Joseph K. Clickenger.....	Health officer.
Jersey City.....	*James J. Hagan.....	Do.
Kearny.....	*Henry V. Amerman.....	Do.
Long Branch.....	*R. Clifford Errickson.....	Executive officer.
Millville.....		
Montclair.....	*Edward M. Reilly, Dr. P. H.....	Health officer.
Morristown.....	*John F. Kilkenny.....	Sanitary inspector.
New Brunswick.....	E. I. Cronk, M. D.....	Health officer.
Newark.....	*Charles V. Craster, M. D., D. P. H.....	Do.
Orange.....	*Miss Lenore Young, R. N.....	Health officer and registrar.
Passaic.....	John N. Ryan, M. D.....	Health officer.
Paterson.....	T. A. Clay, M. D.....	Do.
Perth Amboy.....	*Chas. S. Thompson, D. V. S.....	Do.
Phillipsburg.....	Alma L. Williston, M. D.....	Do.
Plainfield.....	*N. J. Randolph Chandler.....	Do.
Rahway.....	Frederick William Sell, M. D., D. P. H.....	Do.
Rosevelt.....		
Summit.....	H. P. Dengler, M. D.....	Acting health officer.
Trenton.....	Alton S. Fell, M. D.....	Health officer.
Union.....	W. J. Snyder, M. D.....	Health inspector.
West Hoboken.....	*Frank A. Frederick.....	Health officer.
West New York.....	*Rudolph Kunze.....	Chief inspector.
West Orange.....	*David E. Buckley.....	Health officer, registrar.
New Mexico:		
Albuquerque.....	*O. C. West, M. D.....	County health officer.
New York:		
Albany.....	James W. Wiltse, M. D.....	Health officer.
Amsterdam.....	Julius Schiller, M. D.....	Commissioner of health.
Auburn.....	Thomas C. Sawyer, M. D.....	Health officer.
Batavia.....	John W. Baker, M. D.....	Do.
Beacon.....	Charles B. Dugan, M. D.....	Do.
Binghamton.....	C. J. Longstreet, M. D.....	Do.
Buffalo.....	*Francis E. Fronczak, M. D.....	Health commissioner.
Cohoes.....	E. M. Bell, M. D.....	Do.
Corning.....	Frank S. Swain, M. D.....	Health officer.
Cortland.....	A. C. Knapp, M. D.....	Do.
Dunkirk.....	Geo. E. Ellis, M. D.....	Do.
Elmira.....	Reeve B. Howland, M. D.....	City health officer.
Fulton.....	C. L. Fessenden, M. D.....	Health officer.
Geneva.....	C. W. Grove, M. D.....	Do.
Glenns Falls.....	*Virgil D. Selleck, M. D.....	Do.
Gloversville.....	Alex. L. Johnson, M. D.....	Do.
Herkimer.....	Albert L. Fagan, M. D.....	Do.
Hornell.....	B. R. Wakeman, M. D.....	Do.
Hudson.....	Louis Van Hoesen, M. D.....	Do.
Illion.....	Frank B. Conterman, M. D.....	Do.
Ithaca.....	*Lewell T. Genung, M. D.....	Do.

*Post office, Arlington.

† Post office, Weehawken.

City.	Name of health officer.	Official title.
New York—Continued.		
Jamestown	*John J. Mahoney, M. D.	Superintendent of public health.
Johnstown	F. M. Neuendorf, M. D.	City physician.
Kingstown		
Lackawanna	Alois Jokl, M. D.	Health officer.
Little Falls	George S. Eveleth, M. D.	Do.
Lockport	Thomas E. Spalding, M. D.	City physician.
Middletown	J. L. Hanmer, M. D.	Health officer.
Mount Vernon	W. H. Purdy, M. D.	Health commissioner.
New Rochelle	*Edwin H. Coddling, M. D.	Health officer.
New York City	*Frank J. Monaghan, M. D.	Commissioner of health.
Newburg	Thomas J. Burke, M. D.	Health officer
Niagara Falls	Jo in L. Bishop, M. D.	Do.
North Tonawanda	*T. P. C. Bernard, M. D.	Do.
Ogdensburg	John W. Benton, M. D.	City health officer.
Olean	W. E. MacDuffie, M. D.	Commissioner of health.
Oneida	Nelson O. Brooks, M. D.	Health officer
Oneonta	George W. Augustin, M. D.	Do.
Ossining	Amos O. Squire, M. D.	Do.
Oswego	Harvey S. Albertson, M. D.	Do.
Peekskill	Fred A. Snowden, M. D.	Do.
Plattsburg	J. H. LaRoque, M. D.	Health officer and city physician.
Port Chester	W. J. Sheehan, M. D.	Health officer.
Port Jervis	G. Otto Pobe, M. D.	Do.
Poughkeepsie	*Wm. H. Conger, M. D.	Do.
Rensselaer	D. F. Hannon, M. D.	Do.
Rochester	*George W. Goler, M. D.	Do.
Rome	Howard D. MacFarland, M. D.	Do.
Saratoga Springs	Charles B. Small, M. D.	City health officer.
Schenectady	J. H. Collins, M. D.	Commissioner of health.
Syracuse	Thomas P. Farmer, M. D.	Do.
Tonawanda		
Troy	Melville D. Dickinson, M. D.	Health officer.
Utica	Hugh H. Shaw, M. D.	Do.
Watertown	Maurice D. Barnett, M. D.	Do.
Watervliet	Wm. B. D. Van Auken, M. D.	Do.
White Plains	Edwin G. Ramsdell, M. D.	Do.
Yonkers	C. W. Buckmaster, M. D.	Commissioner of health.
North Carolina:		
Asheville	*D. E. Sevier, M. D.	Health officer.
Charlotte	*W. A. McPhaul, M. D.	City health officer.
Durham	*J. H. Epperson.	Superintendent of health.
Gastonia	James A. Anderson, M. D.	City physician and health officer.
Goldsboro	*L. W. Corbett, M. D.	Health officer.
Greensboro	*Carl A. Grote, M. D.	Do.
High Point		
New Bern	*D. E. Ford, M. D.	Health officer.
Raleigh	*A. C. Bulla, M. D.	City and county health officer.
Rocky Mount		
Salisbury	*C. W. Armstrong, M. D.	Health officer.
Wilmington	*John H. Hamilton, M. D.	County health officer.
Wilson	*L. J. Smith, M. D.	Health officer.
Winston-Salem	*R. L. Carlton, M. D.	City health officer.
North Dakota:		
Fargo		
Grand Forks	E. C. Haagensohn, M. D.	City health officer.
Minot	*Chas. K. Allen	Health commissioner.
Ohio:		
Akron	*Donald D. Shira, M. D.*	Director of health.
Alliance		
Ashtabula	Azro J. Pardee, M. D.	Health officer.
Barberton	Wm. A. Mansfield, M. D.	Health commissioner.
Bellaire	Wm. J. Shepherd, M. D.	City health commissioner.
Bucyrus	A. H. McCrory, M. D.	Health officer.
Cambridge	*William J. Lewis	Health commissioner.
Canton		
Chillicothe	*Gilbert E. Robbins, M. D.	Commissioner of health.
Cincinnati	*Wm. H. Peters, M. D.	Health commissioner.
Cleveland	*H. L. Rockwood, M. D.	Do.
Cleveland Heights	*Robert Lockhart, M. D.	Director of health.
Columbus	*James A. Beer, M. D.	Health commissioner.
Coshocton	Glenn E. Smith.	Do.
Cuyahoga Falls	*Donald D. Shira, M. D.*	Commissioner of health.
Dayton	*A. O. Peters, M. D.	Commissioner.
East Cleveland	George W. Stober, M. D.	Director of health.
East Liverpool	Thomas W. Rhodes, M. D.	City health commissioner.
East Youngstown	James S. Mariner, M. D.	Commissioner of health.
Elvria	G. E. French, M. D.	Health commissioner.
Findlay	*Edward W. Misamore, M. D.	Do.
Fremont	E. L. Vermilya, M. D.	Commissioner of health.
Hamilton	M. F. Vereker, M. D.	Health commissioner.
Ironton	O. U. O'Neill, M. D.	Do.
Kenmore	*Donald D. Shira, M. D.*	Commissioner of health.

* Commissioner of health for Cuyahoga Falls, Kenmore, and Summit County, and director of health for Akron.

City.	Name of health officer.	Official title.
Ohio—Continued.		
Lakewood.....	Wallace J. Benner, M. D.....	Commissioner of health.
Lancaster.....	C. H. Hamilton, M. D.....	Health commissioner.
Lima.....	James B. Poling, M. D.....	Do.
Lorain.....	Valloyd Adair, M. D.....	Do.
Mansfield.....	John Maglott, M. D.....	Do.
Marietta.....	J. W. Donaldson, M. D.....	Do.
Marion.....	*N. Sifrith, M. D.....	Commissioner of health.
Martins Ferry.....	*W. S. Tilton.....	Health commissioner.
Massillon.....	*John H. Williams.....	Health commissioner, registrar.
Middletown.....	G. D. Lummis, M. D.....	Health commissioner.
New Philadelphia.....	*Joseph Blickensderfer, M. D.....	Do.
Newark.....	W. H. Knauss, M. D.....	Do.
Niles.....	W. A. Werner, M. D.....	Do.
Norwood.....	*Harry J. Wittensburg, M. D.....	Do.
Piqua.....	J. G. Freshour, M. D.....	Do.
Salem.....	T. T. Church, M. D.....	Commissioner of health.
Sandusky.....	*F. W. Houghtaling, M. D.....	Health commissioner.
Springfield.....	*Oscar M. Craven, M. D.....	Director of public health.
Steubenville.....	*Theodore W. Smith.....	Health commissioner.
Tiffin.....	J. A. Gosling, M. D.....	Do.
Toledo.....	Daniel W. Iford, M. D.....	Do.
Warren.....	Geo. N. Simpson, M. D.....	Do.
Youngstown.....	H. E. Welch, M. D.....	Commissioner of health.
Zanesville.....	Beatrice T. Hagen, M. D.....	Superintendent of health and sanitation.
Oklahoma:		
Ardmore.....	A. Y. Easterwood, M. D.....	City health officer.
Bartlesville.....	G. F. Woodring, M. D.....	City superintendent of health.
Chickasha.....	E. L. Dawson, M. D.....	Do.
Enid.....	R. C. Baker, M. D.....	Do.
Guthrie.....	William Miller, M. D.....	City physician.
McAlester.....	W. C. Graves, M. D.....	Do.
Muskogee.....	F. W. Ewing, M. D.....	City health officer.
Oklahoma.....	Cary W. Townsend, M. D.....	Health commissioner.
Okmulgee.....	*A. G. Frampton, M. D.....	City health officer.
Sapulpa.....	George H. Wetzel, M. D.....	Do.
Shawnee.....	John H. Scott, M. D.....	City superintendent of health.
Tulsa.....	*W. W. Woody, M. D.....	Do.
Oregon:		
Astoria.....	Nellie S. Vernon, M. D.....	City and county health officer.
Eugene.....	Seth M. Kerron, M. D.....	City health officer.
Portland.....	George Parrish, M. D.....	Health officer.
Salem.....	.....	.....
Pennsylvania:		
Allentown.....	*J. Treichler Butts, M. D.....	Health officer.
Altoona.....	*T. G. Herbert.....	Chief division of health.
Ambridge.....	.....	.....
Beaver Falls.....	*Nelson W. Osmond.....	Health officer.
Berwick.....	.....	.....
Bethlehem.....	S. E. Rauch, M. D.....	City physician.
Bradock.....	*James E. Wills.....	Health officer.
Bradford.....	*Carl L. Peterson.....	Do.
Bristol.....	John M. Wright.....	Do.
Butler.....	*H. M. Stanley.....	Do.
Canonsburg.....	*A. H. Neebling.....	Do.
Carbondale.....	*Daniel L. Munly.....	Sanitary officer.
Carlisle.....	*A. P. Lizman.....	Health officer.
Carnegie.....	A. A. Tarter.....	Do.
Carrick.....	Arthur W. Lowe.....	Do.
Chambersburg.....	Walter J. Fahnstock.....	Do.
Charleroi.....	*W. M. Darby.....	Do.
Chester.....	*John W. Shaw.....	Do.
Coatesville.....	F. P. Pennegar.....	Secretary board of health.
Columbia.....	.....	.....
Connellsville.....	*George Hetzel.....	Health officer.
Dickson.....	.....	.....
Donora.....	*J. B. McCune.....	Health officer.
Dubois.....	Luther W. Quinn, M. D.....	City health physician.
Dunmore.....	.....	.....
Duquense.....	*Emil Elmgren.....	Health officer.
Easton.....	J. James Condran, M. D.....	City health officer.
Erie.....	J. W. Wright, M. D.....	Health officer.
Farrell.....	*Wm. C. Heinze.....	Do.
Greensburg.....	.....	.....
Harrisburg.....	John M. J. Raunick, M. D.....	Director and health officer.
Hazleton.....	*P. J. Bonner.....	Health officer.
Homestead.....	*James L. King.....	Do.
Jeanette.....	*A. T. Coon.....	Chief health officer.
Johnstown.....	L. W. Jones, M. D.....	Health officer.
Lancaster.....	Charles P. Stahr, M. D.....	Medical director.
Lebanon.....	.....	.....
McKee's Rocks.....	.....	.....
McKeesport.....	*Daniel Stratton.....	Acting health officer.
Mahanoy City.....	*John Sullivan.....	Health officer.

City.	Name of health officer.	Official title.
Pennsylvania—Contd.		
Meadville		
Monessen	*Francis E. Gibson	Inspector public safety.
Mount Carmel		
Nanticoke	*Clement J. Knoll	Health officer.
New Castle	Wm. L. Steen, M. D.	Do.
New Kensington		
Norristown	*Chas. E. White	Health officer.
North Braddock	*Robert M. Sylvès	Do.
Oil City	*W. J. Lewis	Do.
Old Forge	Rosario Fucito	Do.
Olyphant	*James F. O'Malley	Do.
Philadelphia	*Blair Spencer, M. D.	Director, department of public health.
Phoenixville	Eugene Fogarty	Health officer.
Pittsburgh	*Carey J. Vaughn, M. D.	*Director, department of public health.
Pittston	*Matthew Hurst	Health officer.
Plymouth	H. G. Templeton, M. D.	Do.
Pottstown	*A. John Andre	Do.
Pottsville	*O. L. Kleckner	Do.
Punxsutawney		
Reading	*Ira J. Hain, M. D.	Health officer.
Scranton	F. R. Wheelock, M. D.	Director.
Shamokin		
Sharon		
Shenandoah	*Louis Brainard	Sanitary officer.
Steelton		
Sunbury	*E. G. Butler	Health officer.
Swissvale	*Victor A. Koble	Do.
Tamaqua	Lamont Perrine	Health officer.
Uniontown	*W. C. Hall	Do.
Warren	*Ralph N. Brown	Do.
Washington	*J. G. Dinsmore	Do.
West Chester	Jos. Scuttlegood, M. D.	Secretary board of health.
Wilkes-Barre	M. A. Murray, M. D.	City physician.
Wilkinsburg	*J. M. Snyder	Health officer.
Williamsport		
Woodlawn	*James E. Tanner	Health officer.
York	J. Frank Small, M. D.	Director of public health.
Rhode Island:		
Bristol	John Hugh Magee	Health officer.
Central Falls	A. R. V. Fenwick, M. D.	Superintendent of health.
Cranston	Daniel S. Latham, M. D.	Superintendent of health and city physician.
Cumberland	Stephen A. Kenney, M. D.	Health officer.
East Providence		
Newport	*J. W. Sampson	Executive officer, board of health.
Pawtucket	Florian A. Ruest, M. D.	Superintendent of health.
Providence	*Charles V. Chapin, M. D.	Do.
Warwick	Ralph Fred Lockwood, M. D.	Health officer.
West Warwick		
Woonsocket	Cornelius B. Barry, M. D.	Health officer.
South Carolina:		
Anderson		
Charleston	*J. Mercer Green, M. D.	Health officer.
Columbia	*Jean B. La Borde, M. D.	City health officer.
Florence	*P. H. Brigham, M. D.	Health commissioner.
Greenville	*Clarence E. Smith, D. V. M.	Commissioner of health.
Spartanburg		
South Dakota:		
Aberdeen	*J. H. Swafford, M. D.	Health officer, Brown County.
Sioux Falls	*W. M. Barnes, M. D.	Director of public health.
Tennessee:		
Chattanooga	E. B. Wise, M. D.	Director of health.
Jackson	F. M. Murtaugh, M. D.	City health officer.
Johnson City		
Knoxville	Wm. R. Cochrane, M. D.	Director department of health.
Memphis	J. J. Durrett, M. D.	Superintendent of health.
Nashville	*W. E. Hibbett, M. D.	City health officer.
Texas:		
Abilene	W. Anda Vee Cash, M. D.	Health officer.
Amarillo	R. M. Walker, M. D.	City health officer.
Austin	*Zeno Martin, M. D.	Do.
Beaumont	D. McMicken, M. D.	Do.
Brownsville	W. E. Spivey, M. D.	Do.
Cleburne	Wm. E. Lucey, M. D.	Do.
Corpus Christi	W. E. Wills, M. D.	Do.
Corsicana	T. O. Wills, M. D.	Do.
Dallas	*Wilson T. Davidson, M. D.	Director of public health.
Del Rio	B. F. Orr, M. D.	City health officer.
Denison	Alex. W. Acheson, M. D.	City physician.
El Paso	*John William Brown, M. D.	Secretary board of health.
Fort Worth	A. W. Montague, jr., M. D.	City physician and health officer.
Galveston	W. L. Hoecker, M. D.	City health physician.
Greenville	J. J. Handley, M. D.	City health officer.
Houston		Do.
Laredo	*Arthur Heath Flickwir, M. D.	Do.

City.	Name of health officer.	Official title.
Texas—Continued.		
Marshall	Gal'n Eads, M. D.	City physician.
Paletine	R. H. McLeod, M. D.	City health officer.
Paris	L. M. Gooch, M. D.	Health officer.
Port Arthur	J. Pat Reed, M. D.	City physician.
Ranger	M. H. Holland, M. D.	Health officer.
San Angelo	A. C. DeLong, M. D.	City health officer.
San Antonio	William A. King, M. D.	Do.
Sherman		
Temple		
Texarkana		
Tyler	Albert Woldert, M. D.	City health officer.
Waco	R. F. Minnock, M. D.	Health officer and city physician.
Wichita Falls	Duane Meredith, M. D.	City health officer.
Utah:		
Ogden	*Roy H. Wilson, M. D.	Supervisor of public health.
Provo	J. C. Clark, M. D.	City physician.
Salt Lake City	W. Christopherson, M. D.	Health commissioner.
Vermont:		
Barre	*Clarence H. Burr, M. D.?	District health officer.
Burlington	*J. W. Courtney, M. D.	Health officer.
Rutland		
Virginia:		
Alexandria	*Louis E. Foulks, M. D.	Health officer.
Charlottesville	*William S. Keister, M. D.	Do.
Danville	*R. W. Garnett, M. D.	Do.
Lynchburg	*Mosby G. Ferrow, Ph. D.	Director public welfare.
Newport News	*Coleman B. Ransone, M. D.	Health officer.
Norfolk	*Powhatan S. Schenck, M. D.	Health commissioner.
Petersburg	Robt. A. Martin, M. D.	Health officer.
Portsmouth	*Lonsdale J. Roper, M. D.	Director of public welfare.
Richmond	*C. C. Hudson, M. D.	Health officer.
Roanoke	*W. Brownley Foster, M. D.	Do.
Staunton	John E. Womack, M. D.	Do.
Washington:		
Aberdeen	J. B. Kinne, M. D.	Health officer and city physician.
Bellingham	W. W. Ballantine, M. D.	City health officer.
Everett	I. W. Parsons, M. D.	Do.
Hoquiam	H. C. Watkins, M. D.	Health officer.
Seattle	*H. M. Read, M. D.	Commissioner of health.
Spokane	*Ralph Hendricks, M. D.	Health officer.
Tacoma	Charles F. Engels, M. D.	Do.
Vancouver	R. D. Wiswall, M. D.	City health officer.
Walla Walla	M. Stiles, M. D.	Do.
Yakima	*H. H. Smith, M. D.	Health officer.
West Virginia:		
Bluefield	*David Littlejohn, M. D.	Do.
Charleston		
Clarksburg	*R. L. Osborn, M. D.	City physician.
Fairmont	*J. A. Jamison, M. D.	City health officer.
Huntington	Earl B. Gerlack, M. D.	Do.
Martinsburg	A. Bruce Eagle, M. D.	Health commissioner.
Morgantown	R. H. Edmonson, M. D.	Health officer.
Moundsville	John H. Luikart, M. D.	Do.
Parkersburg	W. B. Richardson, M. D.	City health officer.
Wheeling	*W. H. McLain, M. D.	Health commissioner.
Wisconsin:		
Appleton	Wm. C. Felton, M. D.	City health commissioner.
Ashland	C. O. Hertzman, M. D.	Health commissioner.
Beloit	*Lewis M. Field, M. D.	Health officer.
Eau Claire	J. F. Farr, M. D.	Executive officer.
Fond du Lac	A. C. Dana, M. D.	Health officer.
Green Bay	*Geo. F. Gogins, M. D.	Commissioner of health and city physician.
Janesville	Fred B. Welch, M. D.	City health officer.
Kenosha	*G. Windesheim, M. D.	Director of health.
La Crosse	*A. M. Murphy	Commissioner of health.
Madison	*E. V. Brumbaugh, M. D.	Health officer.
Manitowoc	Max Staehle, M. D.	Commissioner of health.
Mariette	S. Berglund, M. D.	Health commissioner.
Milwaukee	*George C. Ruhland, M. D.	Commissioner of health.
Oshkosh	*Arthur H. Broche, M. D.	Health commissioner.
Racine	*William W. Johnston, M. D.	Commissioner of health.
Sheboygan	*Joseph C. Eilers, M. D.	Commissioner of public health.
Stevens Point	F. A. Southwick, M. D.	Health commissioner.
Superior	P. G. McGill, M. D.	Do.
Waukesha	Geo. E. Peterson, M. D.	Do.
Wausau	*L. F. Bugbee	Health officer.
West Allis	*Samuel C. McCooke, M. D.	Health commissioner.
Wyoming:		
Casper	J. F. O'Donnell, M. D.	County health officer.
Cheyenne		

* Address, Montpelier.

DEATHS DURING WEEK ENDED OCTOBER 6, 1923.

Summary of information received by telegraph from industrial insurance companies for week ended October 6, 1923, and corresponding week of 1922. (From the Weekly Health Index, October 9, 1923, issued by the Bureau of the Census, Department of Commerce.)

	Week ended Oct. 6, 1923.	Corresponding week, 1922.
Policies in force.....	55, 149, 447	50, 147, 533
Number of death claims.....	9, 150	7, 423
Death claims per 1,000 policies in force, annual rate.....	8.7	7.7

Deaths from all causes in certain large cities of the United States during the week ended October 6, 1923, infant mortality, annual death rate, and comparison with corresponding week of 1922. (From the Weekly Health Index, October 9, 1923, issued by the Bureau of the Census, Department of Commerce.)

City.	Week ended Oct. 6, 1923.		Annual death rate per 1,000, corre- sponding week, 1922.	Deaths under 1 year.		Infant mortality rate, week ended Oct. 6, 1923. ³
	Total deaths.	Death rate. ¹		Week ended Oct. 6, 1923.	Corre- sponding week, 1922.	
Total.....	5,901	10.8	11.2	893	851	.....
Akron, Ohio.....	32	8.0	5.3	14	5	166
Albany, N. Y. ²	28	12.4	11.7	3	5	66
Atlanta, Ga.....	48	11.2	14.9	9	10	.....
Baltimore, Md. ¹	194	13.1	11.9	24	21	71
Birmingham, Ala.....	40	10.6	13.6	10	5	.....
Boston, Mass.....	200	13.5	14.2	22	30	63
Bridgeport, Conn.....	33	12.0	8.4	6	4	83
Buffalo, N. Y.....	105	10.2	12.7	13	25	54
Cambridge, Mass.....	27	12.6	14.1	3	9	53
Camden, N. J. ²	37	15.5	16.3	10	4	166
Chicago, Ill. ²	541	9.8	11.0	96	71	88
Cincinnati, Ohio.....	102	13.1	12.0	16	12	105
Cleveland, Ohio ²	126	7.4	10.1	18	28	49
Columbus, Ohio.....	63	12.6	13.0	10	6	104
Dallas, Tex.....	32	9.4	10.6	4	5	.....
Dayton, Ohio.....	26	8.2	5.8	7	2	115
Denver, Colo.....	60	11.5	14.6	13	11	.....
Des Moines, Iowa.....	42	15.5	.....	7	.....	.....
Detroit, Mich.....	235	12.3	10.5	48	46	96
Duluth, Minn.....	12	5.9	.....	3	.....	68
Erie, Pa.....	20	9.3	11.4	2	0	41
Fall River, Mass. ¹	18	7.8	16.0	6	11	85
Flint, Mich.....	28	12.4	.....	8	.....	150
Fort Worth, Tex.....	14	5.1	11.8	4	1	.....
Grand Rapids, Mich.....	19	6.8	10.5	3	5	47
Houston, Tex.....	24	8.1	9.4	3	3	.....
Indianapolis, Ind.....	67	10.2	13.4	15	10	115
Jacksonville, Fla.....	35	18.2	18.7	2	5	.....
Jersey City, N. J.....	46	7.8	10.4	7	11	47
Kansas City, Kans.....	29	13.1	15.1	4	4	92
Los Angeles, Calif.....	180	14.1	14.8	21	22	79
Louisville, Ky.....	70	14.2	12.4	9	5	97
Lowell, Mass.....	31	14.0	14.6	7	8	122
Lynn, Mass.....	22	11.2	.....	3	.....	79
Memphis, Tenn.....	68	20.8	20.2	6	6	.....
Milwaukee, Wis.....	99	10.7	8.5	11	9	55
Minneapolis, Minn.....	74	9.4	7.8	5	4	27
Nashville, Tenn. ²	37	15.1	23.0	6	3	.....
New Bedford, Mass.....	30	12.0	9.0	6	5	125
New Haven, Conn.....	48	14.5	10.7	6	7	78
New Orleans, La.....	113	14.6	15.4	12	23	.....
New York, N. Y.....	1,125	9.9	10.1	163	174	65
Bronx borough.....	106	6.6	8.1	9	14	32
Brooklyn borough.....	402	9.7	8.9	62	51	66
Manhattan borough.....	506	11.6	12.0	78	95	76
Queens borough.....	88	8.6	9.2	12	11	64
Richmond borough.....	23	9.4	14.7	2	3	36

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, Oct. 5, 1923.

Deaths from all causes in certain large cities of the United States during the week ended October 6, 1923, infant mortality, annual death rate, and comparison with corresponding week of 1922. (From the Weekly Health Index, October 9, 1923, issued by the Bureau of the Census, Department of Commerce)—Continued.

City.	Week ended Oct. 6, 1923.		Annual death rate per 1,000, corre- sponding week, 1922.	Deaths under 1 year.		Infant mor- tality rate, week ended Oct. 6, 1923.
	Total deaths.	Death rate.		Week ended Oct. 6, 1923.	Corre- sponding week, 1922.	
Newark, N. J.....	83	9.9	8.1	15	14	70
Norfolk, Va.....	34	11.1	12.1	5	3	88
Oakland, Calif.....	58	12.6	8.5	13	4	167
Omaha, Nebr.....	45	11.5	13.5	3	4	32
Paterson, N. J.....	32	12.0	10.9	6	5	96
Philadelphia, Pa.....	376	10.2	10.8	53	66	69
Pittsburgh, Pa.....	147	12.5	12.8	25	33	87
Portland, Oreg.....	50	9.5	8.7	4	7	40
Providence, R. I.....	46	9.9	12.1	7	8	57
Richmond, Va.....	44	12.7	10.2	10	2	123
Rochester, N. Y.....	44	7.2	10.2	4	8	32
St. Louis, Mo.....	171	11.1	11.8	25	15	.....
Salt Lake City, Utah ^a	17	7.0	6.7	2	6	33
San Antonio, Tex.....	42	11.9	11.4	6	3	.....
San Francisco, Calif.....	118	11.4	11.2	8	10	48
Seattle, Wash.....	69	11.4	7.1	6	4	53
Spokane, Wash.....	16	8.0	12.0	1	1	22
Springfield, Mass.....	35	12.7	9.3	12	6	171
Tacoma, Wash.....	15	7.7	.....	0	.....	0
Toledo, Ohio.....	55	10.7	11.6	5	8	50
Trenton, N. J.....	29	11.9	11.7	2	5	34
Utica, N. Y.....	18	9.1	.....	2	.....	64
Washington, D. C.....	120	14.3	11.6	17	15	97
Wilmington, Del.....	17	7.5	12.2	3	8	61
Worcester, Mass.....	26	7.1	10.0	5	0	57
Yonkers, N. Y.....	16	7.8	6.4	6	1	130

^a Deaths for week ended Friday, Oct. 5, 1923.

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 October 13, 1923.

ALABAMA.		CALIFORNIA.	
	Cases.		Cases.
Chicken pox.....	15	Cerebrospinal meningitis—San Joaquin County	1
“Devil’s grip”.....	28	Diphtheria.....	169
Diphtheria.....	82	Influenza.....	13
Dysentery.....	11	Lethargic encephalitis:	
Influenza.....	13	Los Angeles.....	1
Malaria.....	293	Santa Monica.....	1
Measles.....	48	Measles.....	213
Pellagra.....	3	Poliomyelitis:	
Pneumonia.....	11	Hanford.....	1
Poliomyelitis.....	2	Hawthorne.....	1
Scarlet fever.....	35	Hollister.....	1
Smallpox.....	1	Los Angeles.....	7
Tuberculosis.....	43	Pasadena.....	2
Typhoid fever.....	28	Sacramento.....	1
Whooping cough.....	23	Fresno County.....	1
		Los Angeles County.....	3
		Sonoma County.....	1
		Scarlet fever.....	88
		Smallpox.....	17
		Typhoid fever.....	16
ARIZONA.		COLORADO.	
	Cases.	(Exclusive of Denver.)	
Chicken pox.....	1	Chicken pox.....	8
Diphtheria.....	2	Diphtheria.....	21
Measles.....	5	Measles.....	35
Mumps.....	1	Mumps.....	16
Scarlet fever.....	10	Pneumonia.....	1
Smallpox.....	1	Scarlet fever.....	12
Trachoma.....	34	Tuberculosis.....	46
Tuberculosis.....	73	Typhoid fever.....	16
Typhoid fever.....	10		
		CONNECTICUT.	
		Cerebrospinal meningitis.....	1
		Chicken pox.....	10
		Diphtheria.....	46
		Influenza.....	8
		Malaria.....	1
		Measles.....	46
		Mumps.....	6
		Pneumonia (lobar).....	7
		Poliomyelitis.....	3

CONNECTICUT—continued.		ILLINOIS—continued.	
	Cases.		Cases.
Scarlet fever.....	36	Smallpox.....	2
Tuberculosis (all forms).....	22	Typhoid fever:	
Typhoid fever.....	23	Cook County.....	9
Whooping cough.....	35	Scattering.....	58
DELAWARE.		INDIANA.	
Chicken pox.....	4	Cerebrospinal meningitis:	
Diphtheria.....	1	Clay County.....	1
Pneumonia.....	1	Hamilton County.....	1
Scarlet fever.....	9	Jasper County.....	2
Tuberculosis.....	3	Diphtheria.....	105
Typhoid fever.....	6	Measles.....	28
Whooping cough.....	3	Scarlet fever.....	55
FLORIDA.		Small pox.....	6
Diphtheria.....	11	Trachoma.....	2
Influenza.....	1	Tuberculosis.....	33
Malaria.....	34	Typhoid fever.....	17
Pneumonia.....	3	IOWA.	
Poliomyelitis.....	1	Diphtheria.....	46
Scarlet fever.....	2	Poliomyelitis.....	2
Trachoma.....	1	Scarlet fever.....	45
Typhoid fever.....	4	Small pox.....	6
GEORGIA.		Typhoid fever.....	4
Chicken pox.....	2	KANSAS.	
Dengue.....	3	Cerebrospinal meningitis.....	1
Diphtheria.....	141	Chicken pox.....	18
Dysentery (amebic).....	1	Diphtheria.....	61
Hookworm disease.....	23	German measles.....	1
Influenza.....	5	Measles.....	38
Malaria.....	45	Mumps.....	8
Measles.....	32	Pneumonia.....	4
Mumps.....	1	Poliomyelitis.....	5
Scarlet fever.....	7	Scarlet fever.....	84
Tuberculosis (pulmonary).....	7	Smallpox.....	3
Typhoid fever.....	19	Tuberculosis.....	38
Typhus fever.....	1	Typhoid fever.....	23
Whooping cough.....	9	Whooping cough.....	32
ILLINOIS.		LOUISIANA.	
Cerebrospinal meningitis:		Dengue.....	73
Boone County.....	1	Diphtheria.....	36
Macoupin County.....	1	Malaria.....	33
Peoria County.....	1	Pneumonia.....	48
Winnebago County.....	1	Poliomyelitis.....	1
Diphtheria:		Scarlet fever.....	2
Cook County.....	142	Smallpox.....	2
Scattering.....	107	Tuberculosis.....	41
Influenza.....	47	Typhoid fever.....	22
Lethargic encephalitis—Chicago.....	1	Whooping cough.....	3
Pneumonia:		MAINE.	
Chicago.....	105	Chicken pox.....	11
Scattering.....	40	Diphtheria.....	7
Poliomyelitis:		Measles.....	18
Bond County.....	1	Pneumonia.....	6
Boone County.....	1	Scarlet fever.....	14
Clinton County.....	1	Tuberculosis.....	2
Cook County.....	8	Typhoid fever.....	2
Morgan County.....	2	Whooping cough.....	55
Piatt County.....	1	MARYLAND. ¹	
Sangamon County.....	1	Chicken pox.....	7
Scarlet fever:		Diphtheria.....	57
Cook County.....	50	Dysentery.....	5
Lake County.....	9		
Scattering.....	93		

¹ Week ended Friday.

MARYLAND—continued.

	Cases.
Influenza.....	12
Lethargic encephalitis.....	1
Malaria.....	4
Malta fever.....	1
Measles.....	12
Mumps.....	7
Ophthalmia neonatorum.....	1
Pneumonia (all forms).....	19
Poliomyelitis.....	1
Scarlet fever.....	64
Smallpox.....	1
Tuberculosis.....	74
Typhoid fever.....	40
Typhus fever.....	1
Whooping cough.....	41

MASSACHUSETTS.

Anthrax.....	1
Cerebrospinal meningitis.....	1
Chicken pox.....	51
Conjunctivitis (suppurative).....	6
Diphtheria.....	162
German measles.....	4
Influenza.....	1
Lethargic encephalitis.....	1
Measles.....	116
Mumps.....	33
Ophthalmia neonatorum.....	15
Pneumonia (lobar).....	30
Poliomyelitis.....	9
Scarlet fever.....	119
Septic sore throat.....	1
Trachoma.....	3
Tuberculosis (all forms).....	117
Typhoid fever.....	16
Whooping cough.....	59

MICHIGAN.

Diphtheria.....	171
Measles.....	122
Pneumonia.....	62
Scarlet fever.....	194
Smallpox.....	37
Tuberculosis.....	61
Typhoid fever.....	31
Whooping cough.....	61

MINNESOTA.

Cerebrospinal meningitis.....	1
Chicken pox.....	5
Diphtheria.....	128
Measles.....	159
Pneumonia.....	2
Poliomyelitis.....	3
Scarlet fever.....	299
Smallpox.....	21
Tuberculosis.....	60
Typhoid fever.....	9
Whooping cough.....	9

MISSISSIPPI.

Diphtheria.....	91
Scarlet fever.....	7
Smallpox.....	3
Typhoid fever.....	18

MISSOURI.

(Exclusive of St. Louis.)

	Cases.
Chicken pox.....	6
Diphtheria.....	109
Epidemic sore throat.....	3
Influenza.....	1
Measles.....	46
Pneumonia.....	4
Poliomyelitis.....	3
Scarlet fever.....	61
Trachoma.....	100
Tuberculosis.....	27
Typhoid fever.....	16
Whooping cough.....	33

MONTANA.

Diphtheria.....	2
Scarlet fever.....	3
Smallpox.....	3
Typhoid fever.....	2

NEW JERSEY.

Cerebrospinal meningitis.....	2
Chicken pox.....	25
Diphtheria.....	166
Influenza.....	5
Measles.....	66
Paratyphoid fever.....	1
Pneumonia.....	27
Poliomyelitis.....	14
Scarlet fever.....	41
Smallpox.....	1
Typhoid fever.....	15
Whooping cough.....	32

NEW MEXICO.

Chicken pox.....	4
Diphtheria.....	16
Influenza.....	1
Malaria.....	2
Measles.....	3
Paratyphoid fever.....	2
Pneumonia.....	3
Scarlet fever.....	2
Tuberculosis.....	5
Typhoid fever:	
Albuquerque.....	13
Scattering.....	17
Whooping cough.....	1

NEW YORK.

(Exclusive of New York City.)

Cerebrospinal meningitis.....	3
Diphtheria.....	167
Lethargic encephalitis.....	4
Measles.....	265
Pneumonia.....	92
Poliomyelitis.....	13
Scarlet fever.....	135
Typhoid fever.....	45
Whooping cough.....	193

NORTH CAROLINA.

Cerebrospinal meningitis.....	1
Chicken pox.....	6
Diphtheria.....	285
German measles.....	1

NORTH CAROLINA—continued.

	Cases.
Measles.....	87
Scarlet fever.....	90
Septic sore throat.....	3
Smallpox.....	17
Trachoma.....	1
Typhoid fever.....	32
Whooping cough.....	106

OREGON.

Chicken pox.....	13
Diphtheria:	
Marion County.....	12
Portland.....	11
Ranier.....	10
Scattering.....	3
Influenza.....	11
Measles.....	72
Pneumonia.....	12
Scarlet fever:	
Portland.....	9
Scattering.....	13
Smallpox.....	1
Tuberculosis.....	18
Typhoid fever.....	4
Whooping cough.....	3

SOUTH DAKOTA.

Chicken pox.....	1
Diphtheria.....	22
Measles.....	38
Pneumonia.....	1
Scarlet fever.....	30
Smallpox.....	8
Tuberculosis.....	6
Typhoid fever.....	5
Whooping cough.....	4

TEXAS.

Chicken pox.....	3
Dengue.....	136
Diphtheria.....	27
Influenza.....	20
Measles.....	21
Mumps.....	1
Paratyphoid fever.....	1
Pellagra.....	2
Pneumonia.....	1
Scarlet fever.....	10
Tuberculosis.....	22
Typhoid fever.....	13
Whooping cough.....	12

VERMONT.

Chicken pox.....	8
Diphtheria.....	6
Measles.....	17
Scarlet fever.....	5
Typhoid fever.....	1
Whooping cough.....	38

Deaths.

VIRGINIA.

	Cases.
Poliomyelitis—Pulaski County.....	1

WASHINGTON.

Botulism.....	3
Cerebrospinal meningitis—King County.....	1
Chicken pox.....	15
Diphtheria:	
Olympia.....	15
Scattering.....	21
Measles.....	38
Mumps.....	7
Pneumonia.....	1
Scarlet fever.....	30
Smallpox.....	6
Tuberculosis.....	34
Typhoid fever.....	19
Whooping cough.....	11

WEST VIRGINIA.

Diphtheria.....	28
Scarlet fever:	
Wheeling.....	8
Scattering.....	26
Typhoid fever.....	15

WISCONSIN.

Milwaukee:	
Chicken pox.....	15
Diphtheria.....	26
Measles.....	1
Ophthalmia neonatorum.....	1
Pneumonia.....	3
Poliomyelitis.....	3
Scarlet fever.....	11
Smallpox.....	6
Tuberculosis.....	9
Whooping cough.....	9
Scattering:	
Cerebrospinal meningitis.....	4
Chicken pox.....	26
Diphtheria.....	113
Influenza.....	15
Measles.....	182
Pneumonia.....	6
Scarlet fever.....	129
Smallpox.....	12
Tuberculosis.....	20
Typhoid fever.....	7
Whooping cough.....	82

WYOMING.

Chicken pox.....	16
Diphtheria.....	16
Measles.....	6
Scarlet fever.....	1
Typhoid fever.....	2
Whooping cough.....	14

**Cases of Certain Communicable Diseases Reported for the Month of August, 1923,
by State Health Officers.**

State.	Number of cases reported.								
	Chicken pox.	Diph- theria.	Measles.	Mumps.	Scarlet fever.	Small- pox.	Tuber- culosis.	Ty- phoid fever.	Whoop- ing cough.
Alabama.....	27	153	555	3	56	8	164	500	166
Arizona.....	1	32	8		9	0	195	6	2
Arkansas.....	50	21	118	9	10	5	55	162	135
California.....	145	578	923	29	254	119	827	152	313
Colorado.....	18	145	124	11	44		361	67	93
Connecticut.....	17	125	113	19	99	11	148	56	229
Delaware ¹									
District of Columbia.....	9	14	11		7	2	114	20	34
Florida.....	5	43	69	2	4	1	158	64	24
Georgia ²									
Idaho.....	2	6	10		12	8	13	28	23
Illinois.....	113	411	306	110	227	24	1,122	233	694
Indiana.....		111	145		76	42	154	60	
Iowa.....	1	74	10		78	14	14	(⁴)	14
Kansas.....	5	103	123	26	174	9	154	226	205
Kentucky ³									
Louisiana.....		95	30	2	15	7	113	127	32
Maine.....	9	23	148		74	3	61	22	56
Maryland.....	15	112	198	18	128	1	206	271	264
Massachusetts.....	116	564	271	101	282		499	64	375
Michigan.....	43	419	357	22	363	51	411	106	574
Minnesota.....	26	245	81		396	43	348	65	92
Mississippi.....	151	137	407	39	24	10	248	320	736
Missouri ⁴									
Montana.....	7	32	24		28	11	31	15	18
Nebraska.....		85	14	7	39	5	13	6	44
Nevada ⁵									
New Hampshire ²									
New Jersey.....	49	268	110		84		383	95	271
New Mexico.....	2	81	28	1	7	3	51	60	12
New York.....	297	660	1,164	184	425	25	1,855	383	1,130
North Carolina.....	27	311	699		135	48		342	867
North Dakota.....	9	51	97		62	22	14	19	29
Ohio.....	78	526	283	26	469	46	582	315	790
Oklahoma ²									
Oregon.....	13	36	14	5	48	36	47	23	15
Pennsylvania.....	153	786	400	102	416	6	459	321	1,040
Rhode Island.....	2	40	9	2	13		38	10	2
South Carolina.....		193	40	12	13	8	15	68	63
South Dakota.....	5	24	70	1	66	1	19	16	15
Tennessee ⁶									
Texas ³									
Utah ⁵									
Vermont ²									
Virginia.....	65	181	836		160	3	97	381	631
Washington.....	51	77	61	14	95	68	171	108	192
West Virginia.....	6	76	94		113	4	37	221	173
Wisconsin.....	51	211	283	2	234	31	136	36	517
Wyoming ²									

¹ 80 cases reported by Government hospitals.

² Reports not received at time of going to press.

³ Reports received weekly.

⁴ Not notifiable.

⁵ Reports received annually.

Reported Cases per 1,000 Population (Annual Basis) for the Month of August, 1923.

State.	Case rates per 1,000 population.								
	Chicken pox.	Diph- theria.	Measles.	Mumps.	Scarlet fever.	Small- pox.	Tuber- culosis.	Ty- phoid fever.	Whoop- ing cough.
Alabama.....	0.13	0.74	2.70	0.01	0.27	0.04	0.80	2.43	0.81
Arizona.....	.03	.99	.25		.28	.00	12.94	.19	.06
Arkansas.....	.32	.14	.76	.06	.06	.03	.36	1.05	.88
California.....	.45	1.79	2.86	.09	.79	.37	2.56	.47	.97
Colorado.....	.21	1.72	1.47	.13	.52		4.29	.80	1.11
Connecticut.....	.14	1.00	.90	.15	.79	.09	1.18	.45	1.83
Delaware ¹									
District of Columbia.....	.24	.38	.30		.19	.05	3.07	.54	.91
Florida.....	.06	.48	.78	.02	.05	.01	1.78	.72	.27
Georgia ²									
Idaho.....	.05	.15	.25		.30	.20	.33	.70	.58
Illinois.....	.20	.71	.53	.19	.39	.04	1.95	.40	1.20
Indiana.....		.43	.57		.30	.16	.60	.23	
Iowa.....	.00	.35	.05		.37	.07	.07	(4)	.07
Kansas.....	.03	.67	.81	.17	1.14	.06	1.01	1.48	1.34
Kentucky ²									
Louisiana.....		.60	.19	.01	.10	.04	.72	.81	.20
Maine.....	.14	.35	2.24		1.12	.05	.92	.33	.85
Maryland.....	.12	.88	1.55	.14	1.00	.01	1.61	2.12	2.06
Massachusetts.....	.34	1.65	.79	.30	.82		1.46	.19	1.10
Michigan.....	.13	1.24	1.06	.07	1.07	.15	1.22	.31	1.70
Minnesota.....	.12	1.15	.38		1.87	.20	1.64	.31	.43
Mississippi.....	.99	.90	2.68	.26	.16	.07	1.63	2.10	4.84
Missouri ²									
Montana.....	.13	.62	.46		.54	.21	.60	.29	.35
Nebraska.....		.73	.12	.06	.34	.04	.11	.05	.39
Nevada ²									
New Hampshire ⁵									
New Jersey.....	.17	.93	.38		.29		1.33	.33	.94
New Mexico.....	.06	2.56	.89	.03	.22	.09	1.61	1.90	.38
New York.....	.32	.72	1.26	.20	.46	.03	2.01	.42	1.23
North Carolina.....	.12	1.36	3.06		.59	.39		1.50	3.80
North Dakota.....	.16	.89	1.70		1.09	.39	.25	.33	.51
Ohio.....	.15	1.01	.54	.05	.90	.09	1.12	.61	1.52
Oklahoma ²									
Oregon.....	.19	.51	.20	.07	.69	.51	.67	.33	.21
Pennsylvania.....	.20	1.02	.52	.13	.54	.01	.59	.42	1.35
Rhode Island.....	.04	.75	.17	.04	.24		.71	.19	.04
South Carolina.....		1.30	.27	.08	.09	.05	.10	.46	.43
South Dakota.....	.09	.43	1.26	.02	1.19	.02	.34	.29	.27
Tennessee ²									
Texas ²									
Utah ²									
Vermont ²									
Virginia.....	.32	.89	4.10		.79	.01	.48	1.87	3.10
Washington.....	.42	.63	.50	.11	.78	.56	1.40	.89	1.58
West Virginia.....	.05	.58	.71		.86	.03	.28	1.68	1.31
Wisconsin.....	.22	.91	1.22	.01	1.01	.13	.58	.15	2.22
Wyoming ²									

¹ 80 of 95 cases reported were from Government hospitals.

² Reports not received at time of going to press.

³ Reports received weekly.

⁴ Not notifiable.

⁵ Reports received annually.

CITY REPORTS FOR WEEK ENDED SEPTEMBER 29, 1923.

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 Sept. 29, 1923.		City.	Median for previous years.	Week ended Sept. 29, 1923.	
		Cases.	Deaths.			Cases.	Deaths.
California:				New York:			
Los Angeles.....	0	2	.....	New York.....	4	3	.....
Sacramento.....	0	1	.....	Yonkers.....	0	1	.....
Connecticut:				Pennsylvania:			
Derby.....	0	.....	1	Philadelphia.....	0	3	1
Meriden.....	0	1	.....	Tennessee:			
Massachusetts:				Nashville.....	0	.....	1
Boston.....	1	.....	1	Texas:			
Fall River.....	0	1	.....	Beaumont.....	0	.....	1
Springfield.....	0	1	.....	West Virginia:			
Minnesota:				Morgantown.....	0	1	.....
St. Paul.....	0	.....	1	Wisconsin:			
New Jersey:				Manitowoc.....	0	1	.....
Elizabeth.....	0	1	.....	Milwaukee.....	0	1	2

DIPHTHERIA.

See p. 2441; also Current State summaries, p. 2428, and Monthly summaries by States, p. 2432.

INFLUENZA.

City.	Cases.		Deaths, week ended Sept. 29, 1923.	City.	Cases.		Deaths, week ended Sept. 29, 1923.
	Week ended Sept. 30, 1922.	Week ended Sept. 29, 1923.			Week ended Sept. 30, 1922.	Week ended Sept. 29, 1923.	
Alabama:				Massachusetts:			
Anniston.....	2	.....	.....	Boston.....	2	.....	.....
Birmingham.....	.....	.....	3	Fall River.....	1	.....	.....
California:				Lawrence.....	.....	1	.....
Berkeley.....	.....	1	.....	Michigan:			
Los Angeles.....	.....	7	1	Detroit.....	3	.....	.....
San Diego.....	1	1	.....	Grand Rapids.....	2	.....	.....
San Francisco.....	3	.....	.....	Montana:			
Santa Cruz.....	1	.....	.....	Helena.....	.....	.....	1
Colorado:				New Jersey:			
Denver.....	.....	.....	1	Bloomfield.....	.....	1	1
Connecticut:				Newark.....	3	6	.....
Bridgeport.....	1	.....	.....	New York:			
Hartford.....	1	.....	.....	Amsterdam.....	.....	1	.....
New Britain.....	1	.....	.....	Buffalo.....	.....	.....	1
Florida:				New York.....	11	15	3
Tampa.....	1	.....	.....	Ohio:			
Georgia:				Cincinnati.....	1	.....	1
Atlanta.....	.....	1	.....	Cleveland.....	.....	2	1
Illinois:				Newark.....	.....	.....	1
Chicago.....	4	4	2	Oregon:			
Decatur.....	.....	1	.....	Portland.....	.....	.....	1
Louisiana:				Pennsylvania:			
Baton Rouge.....	1	.....	.....	Philadelphia.....	5	1	.....
New Orleans.....	2	1	.....	Pittsburgh.....	.....	1	.....
Maine:				Rhode Island:			
Lewiston.....	2	.....	.....	Providence.....	.....	1	.....
Maryland:							
Baltimore.....	1	1	1				
Cumberland.....	1	2	.....			

CITY REPORTS FOR WEEK ENDED SEPTEMBER 29, 1923—Continued.

LETHARGIC ENCEPHALITIS.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Oregon:			Wisconsin:		
Portland.....		2	Milwaukee.....	1	
Washington:					
Spokane.....	2				

MALARIA.

Alabama:			Louisiana:		
Anniston.....	7		New Orleans.....	7	
Birmingham.....	3		Maryland:		
Dothan.....	3		Baltimore.....	3	1
Montgomery.....	2		Missouri:		
Tuscaloosa.....	2		Kansas City.....	1	1
Arkansas:			New Jersey:		
Little Rock.....	5		Paterson.....	1	
California:			New York:		
Bakersfield.....	1		New York.....	3	
Georgia:			Tennessee:		
Albany.....	3		Memphis.....	7	
Augusta.....	3		Texas:		
Brunswick.....	6		San Antonio.....		2
Savannah.....	3		Virginia:		
Illinois:			Norfolk.....	1	
Chicago.....	2		Richmond.....	3	
Kentucky:					
Louisville.....	1				

MEASLES.

See p. 2441; also Current State summaries, p. 2428, and Monthly summaries by States, p. 2432.

PELLAGRA.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Alabama:			Georgia—Continued.		
Birmingham.....		1	Brunswick.....		1
Arkansas:			Savannah.....		1
Little Rock.....	2		New York:		
Georgia:			New York.....		1
Atlanta.....		2	South Carolina:		
Augusta.....		1	Columbia.....		1

PNEUMONIA (ALL FORMS).

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Alabama:			Connecticut:		
Anniston.....		1	Bridgeport.....		2
Birmingham.....		3	New Britain.....	1	
Arkansas:			New Haven.....		2
Little Rock.....	1		District of Columbia:		
California:			Washington.....		3
Berkeley.....	1		Georgia:		
Eureka.....		1	Atlanta.....	10	5
Glendale.....		1	Augusta.....		3
Long Beach.....		2	Brunswick.....		1
Los Angeles.....	22	9	Savannah.....		1
Oakland.....		2	Illinois:		
Riverside.....		1	Alton.....		2
Sacramento.....		2	Aurora.....		1
San Diego.....	3	2	Chicago.....	104	32
San Francisco.....	8	7	Decatur.....	1	
Colorado:			East St. Louis.....		1
Denver.....		3	Elgin.....	1	
Pueblo.....		1	Freeport.....		1

CITY REPORTS FOR WEEK ENDED SEPTEMBER 29, 1923—Continued.

PNEUMONIA (ALL FORMS)—Continued.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Illinois—Continued.			New Jersey—Continued.		
Oak Park.....		2	Newark.....	17	3
Peoria.....		2	Passaic.....		1
Rock Island.....	1		Paterson.....	2	
Rockford.....		3	Trenton.....	2	
Indiana:			New York:		
East Chicago.....		2	Albany.....	8	
Gary.....	1		Auburn.....	1	
Hammond.....	2		Buffalo.....	13	7
Indianapolis.....	6		Elmira.....		1
Kokomo.....	1		Lackawanna.....	3	1
Muncie.....	1		Middletown.....	1	
Kansas:			New York.....	124	66
Coffeyville.....	1		Niagara Falls.....		1
Kentucky:			North Tonawanda.....		2
Covington.....		2	Olean.....		1
Louisville.....	6	3	Rochester.....	8	1
Louisiana:			Rome.....		1
New Orleans.....	12	10	Syracuse.....		4
Maine:			Troy.....	1	
Biddeford.....		1	Watertown.....	1	
Portland.....		3	Yonkers.....		4
Maryland:			North Carolina:		
Baltimore.....		12	Greensboro.....		1
Cumberland.....	2	1	Wilmington.....		2
Massachusetts:			Winston-Salem.....		1
Beverly.....	1		North Dakota:		
Boston.....		12	Fargo.....		1
Cambridge.....	3		Ohio:		
Chelsea.....		1	Canton.....		1
Fall River.....	3	1	Cincinnati.....		4
Lawrence.....		1	Cleveland.....	18	15
Lowell.....	3	1	Columbus.....		5
New Bedford.....	2	1	Dayton.....	2	
Newton.....		2	East Cleveland.....		1
Northampton.....	1		Lima.....	1	
Somerville.....	3		Lorain.....	1	
Springfield.....	1		Salem.....		1
Taunton.....		1	Springfield.....		5
Westfield.....		1	Toledo.....		2
Winthrop.....	1		Youngstown.....		2
Woburn.....		1	Oklahoma:		
Worcester.....		2	Oklahoma.....		2
Michigan:			Pennsylvania:		
Detroit.....	27	24	Philadelphia.....	35	22
Grand Rapids.....	2	1	Pittsburgh.....	12	28
Hamtramck.....		1	Rhode Island:		
Highland Park.....	6		Cranston.....		1
Kalamazoo.....	2	1	Providence.....	2	1
Muskegon.....		1	South Carolina:		
Port Huron.....	1		Columbia.....		1
Saginaw.....	1		Tennessee:		
Minnesota:			Memphis.....		3
Duluth.....	1		Texas:		
Minneapolis.....		2	Fort Worth.....		1
St. Paul.....		7	Waco.....		1
Winona.....		1	Utah:		
Missouri:			Salt Lake City.....		2
Kansas City.....		6	Virginia:		
St. Joseph.....		1	Alexandria.....		1
Springfield.....		1	Lynchburg.....		1
Montana:			Norfolk.....		4
Helena.....		1	Petersburg.....		1
Missoula.....	1		Portsmouth.....		2
Nebraska:			Richmond.....		1
Omaha.....		4	Roanoke.....		1
New Hampshire:			Washington:		
Concord.....		1	Vancouver.....	1	
Keene.....		1	West Virginia:		
Manchester.....		1	Clarksburg.....		2
New Jersey:			Wisconsin:		
Camden.....		2	Beloit.....	2	1
Elizabeth.....		1	La Crosse.....	1	
Englewood.....		1	Madison.....		1
Jersey City.....	1		Milwaukee.....	2	
Montclair.....	1		Racine.....		1
Morristown.....		2			

CITY REPORTS FOR WEEK ENDED SEPTEMBER 29, 1923—Continued.

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 Sept: 29, 1923.		City.	Median for previous years.	Week ended Sept. 29, 1923.	
		Cases.	Deaths.			Cases.	Deaths.
California:				Nebraska:			
Los Angeles.....	0	8		Omaha.....	0	2	1
Connecticut:				New Jersey:			
Waterbury.....	0	1		Bloomfield.....	0	1	
District of Columbia:				Harrison.....	0	1	
Washington.....	0	2		Newark.....	0	3	1
Illinois:				New York:			
Chicago.....	5	5		Hornell.....	1	1	
Iowa:				New York.....	12	27	4
Council Bluffs.....	0	1	2	Peekskill.....	0	2	
Davenport.....	0	1		Rochester.....	0	1	
Kansas:				Syracuse.....	0	1	
Topeka.....	0	1		Ohio:			
Louisiana:				Bucyrus.....		1	
New Orleans.....	0	1		Cleveland.....	0	1	
Massachusetts:				Lorsain.....	0	1	
Boston.....	2	3		Pennsylvania:			
Lowell.....	0	2		Berwick.....		2	
Michigan:				Erie.....	0	1	
Kalamazoo.....	0	1	1	Philadelphia.....	0	1	1
Minnesota:				Tennessee:			
Minneapolis.....	0		1	Memphis.....	0	1	
St. Paul.....	1		1				
Missouri:							
St. Joseph.....	0	1					
St. Louis.....	0	1					

RABIES IN ANIMALS.

City.	Cases.
California:	
Los Angeles.....	8
Pasadena.....	2
New Jersey:	
Bloomfield.....	1

RABIES IN MAN.

City.	Cases.	Deaths.
California:		
Los Angeles.....	1	1

SCARLET FEVER.

See p. 2441; also Current State summaries, p. 2428, and Monthly summaries by States, p. 2432.

CITY REPORTS FOR WEEK ENDED SEPTEMBER 29, 1923—Continued.

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 Sept. 29, 1923.		City.	Median for previous years.	Week ended Sept. 29, 1923.	
		Cases.	Deaths.			Cases.	Deaths.
California:				Minnesota:			
Los Angeles.....	0	7	.....	Minneapolis.....	2	2	.....
District of Columbia:				St. Paul.....	2	2	.....
Washington.....	0	2	.....	Montana:			
Georgia:				Missoula.....	0	2	.....
Atlanta.....	0	2	.....	North Carolina:			
Indiana:				Winston-Salem.....	0	1	.....
Muncie.....	0	3	.....	Ohio:			
Iowa:				Cleveland.....	0	1	.....
Clinton.....	0	1	.....	Youngstown.....	0	1	.....
Davenport.....	0	2	.....	Zanesville.....	0	1	.....
Kansas:				Virginia:			
Hutchinson.....	0	1	.....	Alexandria.....	0	1	.....
Michigan:				Washington:			
Detroit.....	2	7	.....	Seattle.....	1	1	.....
Grand Rapids.....	0	4	.....	Spokane.....	0	1	.....
Holland.....	0	2	.....	Wisconsin:			
Jackson.....	0	2	.....	Wausau.....	0	3	.....

TETANUS.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Illinois:			New Jersey:		
Chicago.....	1	1	Plainfield.....	1	1
Indiana:			New York:		
Hammond.....	.....	1	Cohoes.....	.....	1
Michigan City.....	2	.....	Yonkers.....	.....	1
Iowa:			Texas:		
Sioux City.....	1	.....	Fort Worth.....	1	1
Kansas:			San Angelo.....	.....	1
Coffeyville.....	2	.....	Wisconsin:		
Parsons.....	1	.....	Beloit.....	.....	1

TUBERCULOSIS.

See p. 2441; also Current State summaries, p. 2428.

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 Sept. 29, 1923.		City.	Median for previous years.	Week ended Sept. 29, 1923.	
		Cases.	Deaths.			Cases.	Deaths.
Alabama:				Colorado:			
Anniston.....	0	2	.....	Denver.....	12	3	3
Birmingham.....	6	4	.....	Pueblo.....	0	.....	1
Dothan.....	.....	1	.....	Trinidad.....	2	1	.....
Montgomery.....	0	1	.....	Connecticut:			
Arkansas:				Bridgeport.....	1	1	.....
Fort Smith.....	3	2	.....	New Haven.....	3	4	.....
Little Rock.....	2	1	.....	District of Columbia:			
California:				Washington.....	6	4	.....
Berkeley.....	0	1	.....	Florida:			
Long Beach.....	1	1	.....	Key West.....	0	2	.....
Los Angeles.....	7	2	1	Georgia:			
Riverside.....	0	1	.....	Atlanta.....	4	3	3
Sacramento.....	0	4	.....	Augusta.....	1	3	.....
San Bernardino.....	0	1	.....	Lagrange.....	.....	3	.....
San Francisco.....	2	1	.....	Macon.....	4	2	.....

CITY REPORTS FOR WEEK ENDED SEPTEMBER 29, 1923—Continued.

TYPHOID FEVER—Continued.

City.	Median for previous years.	Week ended Sept. 29, 1923.		City.	Median for previous years.	Week ended Sept. 29, 1923.	
		Cases.	Deaths.			Cases.	Deaths.
Illinois:				Ohio:			
Champaign.....	0	1		Akron.....	2	2	
Chicago.....	11	8	1	Cambridge.....	1	1	
Evanston.....	0	1		Cincinnati.....	3	1	
Rock Island.....	0	2		Cleveland.....	7	4	1
Springfield.....	1	4		Columbus.....	1	3	1
Indiana:				East Cleveland.....	0	1	
Anderson.....	0	1		Lima.....	1	1	
Fort Wayne.....	1	3		Middletown.....	0	1	
Hammond.....	0	1		New Philadelphia.....	0	6	
Indianapolis.....	5	4	1	Niles.....	0	1	
Kokomo.....	1	1		Salem.....	0	1	
Mishawaka.....	0	4		Sandusky.....	0	1	
Terre Haute.....	0	3		Toledo.....	5	2	2
Iowa:				Oklahoma:			
Sioux City.....	0	5		Oklahoma.....	2	3	1
Kansas:				Tulsa.....	6	1	
Hutchinson.....	0	2		Oregon:			
Topeka.....	3	2		Portland.....	2	5	
Wichita.....	2	3		Pennsylvania:			
Maine:				Allentown.....	2	1	
Portland.....	3	2		Bristol.....	0	1	
Maryland:				Chambersburg.....	0	1	
Baltimore.....	17	12		CConnellsville.....	0	2	
Massachusetts:				Eric.....	1	2	
Beverly.....	0		1	Farrell.....	0	1	
Boston.....	4	6		Harrisburg.....	0	1	
Brockton.....	0	1		Lebanon.....	1	1	
Everett.....	0	2		McKeesport.....	0	1	
Fall River.....	3	1		Norristown.....	0	1	
Lawrence.....	1		3	North Braddock.....	0	1	
Leominster.....	0	1		Philadelphia.....	20	12	
Malden.....	0	1		Pittsburgh.....	8	1	
New Bedford.....	2	1		Sharon.....	0	1	
Newburyport.....	0	7	1	Uniontown.....	0	2	
North Adams.....	0	1		West Chester.....	1	1	
Wakefield.....	0	1		Williamsport.....	0	1	
Michigan:				South Carolina:			
Benton Harbor.....	0	1		Charleston.....	2	4	
Detroit.....	12	6	1	Greenville.....	0	1	1
Jackson.....	0	1		Tennessee:			
Muskegon.....	0	2		Chattanooga.....	0	2	1
Saginaw.....	0	3		Memphis.....	3	4	
Minnesota:				Nashville.....	3	2	
Duluth.....	0	1		Texas:			
Minneapolis.....	2	2		Dallas.....	1	3	
St. Paul.....	2	3		El Paso.....	0	1	
Virginia.....	0	1		Fort Worth.....	1	1	
Missouri:				Waco.....	1	1	
Kansas City.....	4	2	2	Utah:			
St. Louis.....	11	2	1	Provo.....	0	1	
Montana:				Virginia:			
Missoula.....	1	2		Charlottesville.....	0	1	
New Hampshire:				Lynchburg.....	1	1	
Dover.....	0	1		Petersburg.....	2	2	
New Jersey:				Richmond.....	2	1	
Atlantic City.....	0	1		Roanoke.....	1	7	
Camden.....	2	5		Washington:			
Jersey City.....	1	2		Seattle.....	1	1	
Long Branch.....	0	3		Spokane.....	3	1	
New York:				Tacoma.....	0	2	
Albany.....	1	5		Vancouver.....	0	1	
Buffalo.....	2	1	1	Walla Walla.....	3	1	
Elmira.....	0	5		West Virginia:			
Lockport.....	0	1		Bluefield.....	0	2	
New York.....	49	41	2	Charleston.....	1	1	
Rochester.....	3	2		Morgantown.....	0	1	
Schenectady.....	1	1	1	Wheeling.....	1	2	
Syracuse.....	2	1		Wisconsin:			
Watertown.....	0	2		Appleton.....	0	1	
North Carolina:				Janesville.....	0	2	
Durham.....	2	1		La Crosse.....	0	1	
Greensboro.....	0	1		Marinette.....	0	1	
Raleigh.....	0	1					
Winston-Salem.....	3	2					

CITY REPORTS FOR WEEK ENDED SEPTEMBER 29, 1923—Continued.

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

City.	Popula- tion Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Illinois:										
Alton.....	24,682	8	3							
Aurora.....	36,397	7	12						2	
Bloomington.....	28,725	6				4				
Centralia.....	12,491	5								
Champaign.....	15,873		2		1		1			
Chicago.....	2,701,705	535	94	2	2	37	1	175	45	
Cicero.....	44,995	4	5	1		2				
Decatur.....	43,818	13	3			4				
East St. Louis.....	66,767	19		1					1	
Elgin.....	27,454	8							2	
Evanston.....	37,234	9	1			1			2	
Freeport.....	19,669	9	1	1						
Galesburg.....	23,831	7								
Jacksonville.....	15,713	13								
Kewanee.....	16,026	5				1				
La Salle.....	13,050	3								
Mattoon.....	13,552		1							
Oak Park.....	39,858	9						1		
Peoria.....	76,121	19				1				
Rock Island.....	35,177	7	2		1			1		
Rockford.....	65,651	17	1			2			2	
Springfield.....	59,183	16	1			1		1	1	
Urbana.....	10,244					2				
Indiana:										
Anderson.....	29,767	7				3				
East Chicago.....	35,967	12							1	
Elwood.....	10,790	2				1				
Fort Wayne.....	86,549	21	1			4			2	
Frankfort.....	11,585	6							1	
Gary.....	55,378	18	2	2		3				
Hammond.....	36,004	11	1			2				
Huntington.....	14,000	3								
Indianapolis.....	314,194	101	30			2			8	
Kokomo.....	30,067	9	6			1			1	
La Fayette.....	22,496	6								
Laporte.....	15,158	7	2			2				
Logansport.....	21,626	6	4							
Michigan City.....	19,457	8			1				1	
Mishawaka.....	15,195	4							2	
Muncie.....	36,524	11	3		1			1	2	
Newcastle.....	14,458	5	2	1						
South Bend.....	70,983	7	1			7			4	
Terre Haute.....	66,083	9	4			4				
Iowa:										
Burlington.....	24,057	5							3	
Cedar Rapids.....	45,566		2			2				
Clinton.....	24,151		3							
Council Bluffs.....	36,162	16				1				
Davenport.....	56,727	1	6	1	1					
Muscatine.....	16,063	7	2			1				
Ottumwa.....	23,003		1							
Stoux City.....	71,227		7		24	3				
Waterloo.....	36,230					2				
Kansas:										
Atchison.....	12,630		1		14					
Coffeyville.....	13,452	4								
Fort Scott.....	10,693	3								
Kansas City.....	101,177		4		2	10		2		
Lawrence.....	12,456	3	3							
Leavenworth.....	16,912	9	1							
Parsons.....	16,028	1								
Topeka.....	50,022	15	7	1					1	
Wichita.....	72,217	25	3		1	3			1	
Kentucky:										
Covington.....	57,121	16							2	
Henderson.....	12,169	6								
Lexington.....	41,534	24			1				4	
Louisville.....	234,891	66	1			3		23	6	
Owensboro.....	17,424		3							
Louisiana:										
New Orleans.....	357,219	119	16	1	1	1		14	11	

CITY REPORTS FOR WEEK ENDED SEPTEMBER 29, 1923—Continued.

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

City.	Popula- tion Jan. 1, 1920	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Maine:										
Auburn.....	16,965	5								
Bangor.....	25,978		1							
Bath.....	14,731	1								
Biddeford.....	18,006	10	2						1	
Lewiston.....	31,791	7	3							
Portland.....	69,272	29	1			1				1
Sanford (town).....	10,691	2								
Maryland:										
Baltimore.....	733,826	176	22		8	1	18		23	11
Cumberland.....	29,837	16	1				1		2	
Frederick.....	11,066	4	4							
Massachusetts:										
Adams (town).....	12,967	1								
Amesbury (town).....	10,036	1								1
Arlington (town).....	18,665	3							1	
Attleboro.....	19,731	1								
Belmont (town).....	10,749	1								
Beverly.....	22,561	5							2	
Boston.....	748,060	192	38	2	12		19		37	10
Braintree (town).....	10,360	4							1	1
Brockton.....	66,254	7					1		4	1
Brookline.....	37,748	6					1			
Cambridge.....	109,694	31	7		1		5		3	2
Chelsea.....	43,184	9							3	
Chicopee.....	36,214	4							1	
Clinton.....	12,979	3							1	
Danvers.....	11,108		3				1		1	
Dedham.....	10,792	2								
Easthampton.....	11,261								1	
Everett.....	40,120	6	2				1		2	
Fall River.....	120,485	17	5		1		4		4	1
Frammingham.....	17,033	4			1					
Gardner.....	16,971	2	1							
Greenfield.....	15,462	5					1		1	
Haverhill.....	53,884	8	3		6		1		2	
Lawrence.....	94,270	20								2
Leominster.....	19,744	2	1						4	
Lowell.....	112,759	27	2				2		2	3
Lynn.....	99,148	18	1		2		2		6	1
Malden.....	49,163	7	3				4		1	
Medford.....	39,038	5	2				2		3	
Melrose.....	18,204	3								
Methuen.....	15,189	3					1		1	
New Bedford.....	121,217	16	3				2		5	
Newburyport.....	15,618	2								
Newton.....	46,054	17					1		1	1
North Adams.....	22,282	3	3	1	2					
Northampton.....	21,951	6					1			
Peabody.....	19,552	4	2				1			
Pittsfield.....	41,763	7			2		1		5	1
Plymouth.....	13,045	1								
Quincy.....	47,876	9	2							
Revere.....	28,823	2								
Salem.....	42,529		2				2			
Somerville.....	53,091	11	9				5			
Southbridge.....	14,245	0			2					
Springfield.....	129,614	26	1				1		3	
Taunton.....	37,137	9								2
Wakefield.....	13,025	4							1	
Waltham.....	30,915	9	1	1	1		1			
Watertown.....	21,457	1			5				1	
West Springfield.....	13,443	2								
Westfield.....	18,604	4							1	
Winchester.....	10,485	1	1				2			
Winthrop.....	15,455	0								
Woburn.....	16,574	4								1
Worcester.....	179,754		16	1			7		3	1
Michigan:										
Alpena.....	11,101		1							
Ann Arbor.....	19,516	12	3							
Battle Creek.....	36,164	0	1					4		
Benton Harbor.....	12,233	3					2			

CITY REPORTS FOR WEEK ENDED SEPTEMBER 29, 1923—Continued.

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

City.	Popula- tion Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever		Tuber- culosis	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Michigan—Continued.										
Detroit.....	993,678	215	44	2	11		38		36	14
Grand Rapids.....	137,634	35	5		1		10		2	2
Hamtramck.....	48,615	7	2		1				3	
Highland Park.....	46,499	11	2				1		2	
Holland.....	12,183		4				2			
Jackson.....	48,374	9	1		5		1			
Kalamazoo.....	48,487	22	3				3			
Marquette.....	12,718	3			8					
Muskegon.....	36,570	8	3				6			
Port Huron.....	25,944	5					4			
Saginaw.....	61,903	15	6		1		1		8	1
Sault Ste. Marie.....	12,086	7				1	1			1
Minnesota:										
Duluth.....	98,917	12	2				5		1	
Hibbing.....	15,089	4	1				7			
Minneapolis.....	380,582	65	26		2		38	1	40	5
Rochester.....	13,722	22	1		2					
St. Cloud.....	15,873		2							
St. Paul.....	234,688	52	38	3	3		17		7	
Virginia.....	14,022						9			
Winona.....	19,143	6								
Missouri:										
Cape Girardeau.....	10,252	6	4	2						
Independence.....	11,686		5							
Kansas City.....	324,410	82	10	2	2		12		11	9
St. Joseph.....	77,939	27	1				2			1
St. Louis.....	772,897	195	31	3			27		37	9
Springfield.....	39,631	10								
Montana:										
Anaconda.....	11,668	1			30					
Billings.....	15,100	4			1					
Great Falls.....	24,121	13			1		2			1
Helena.....	12,037	6								
Missoula.....	12,668	2								
Nebraska:										
Lincoln.....	54,948	15	1				1			1
Omaha.....	191,601	36	22	1			8			1
Nevada:										
Reno.....	12,016	1					1			
New Hampshire:										
Concord.....	22,167	7				18				
Dover.....	13,029	0								
Keene.....	11,210	3			132		1			
Manchester.....	78,384	12	4	1			1			2
New Jersey:										
Asbury Park.....	12,400	1								
Atlantic City.....	50,707	9	1						2	
Bayonne.....	78,754		5				1		1	
Bloomfield.....	22,019	4	3						1	
Camden.....	116,309	25	8				4		1	2
Clifton.....	28,470	5							3	
East Orange.....	50,710	7							1	1
Elizabeth.....	95,783		10	1					1	
Englewood.....	11,627	9							1	
Hackensack.....	17,667	6								1
Harrison.....	15,721				1					1
Hoboken.....	68,166	10	3						1	2
Jersey City.....	288,103		3		2		5		7	
Kearny.....	26,724	2	1							
Long Branch.....	13,521	3								
Montclair.....	28,810	4			2		1		1	
Morristown.....	12,548	5								
Newark.....	414,524	76	7		3		3		20	6
Passaic.....	63,841	10	8				1		2	1
Paterson.....	135,875		6		1		1		8	
Perth Amboy.....	41,707	9	4							
Phillipsburg.....	16,923	4								
Plainfield.....	27,700	4			6					
Summit.....	10,174	2							1	
Trenton.....	119,289	21	2	1			3		4	1
Union (town).....	20,651		1				1			
West Hoboken.....	40,074	1	1							
West New York.....	29,926	2	1	1						
West Orange.....	15,573	3	1						1	2

CITY REPORTS FOR WEEK ENDED SEPTEMBER 29, 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.
New Mexico:										
Albuquerque.....	15,157	3								2
New York:										
Albany.....	113,344		5				13			6
Amsterdam.....	33,524	7	1		1					3
Auburn.....	36,192	6	1							
Buffalo.....	506,775	110	15		1		9		17	14
Cohoes.....	22,987	2	4		2		1			
Elmira.....	45,393	13			1		4			
Geneva.....	14,648	3								
Hornell.....	15,025	1					1			
Hudson.....	11,745	6								
Ithaca.....	17,004	6								
Lackawanna.....	17,918	4	3				3			1
Little Falls.....	13,029	4	1	1						
Lockport.....	21,308	2								
Middletown.....	18,420	3			16		6			1
New York.....	5,620,048	1,046	116	3	32	1	51		187	180
Newburgh.....	30,366	5								
Niagara Falls.....	50,760	9	2				2			2
North Tonawanda.....	15,482	6								
Ogdensburg.....	14,609	12								
Olean.....	20,506	6			1		6			
Peekskill.....	15,888	3	1				4			1
Plattsburg.....	10,809	0								
Poughkeepsie.....	35,000	5								
Rochester.....	285,750	73	13				1		8	6
Rome.....	26,341	12	3		3		1			1
Schenectady.....	88,723	19	3		1				3	
Syracuse.....	171,717	39	9	3	16		6		7	3
Troy.....	72,013	20	1	1	13		1		3	
Watertown.....	31,285	12			4		5	1		
White Plains.....	21,031	5								
Yonkers.....	100,176	14	4							2
North Carolina:										
Durham.....	21,719	9	3				1		1	1
Greensboro.....	43,525	10	6				1			1
Raleigh.....	24,418	9	3				2			
Rocky Mount.....	12,742	4								
Wilmington.....	33,372	16	1		1		1			
Winston-Salem.....	48,395	12	5		7		6		4	1
North Dakota:										
Fargo.....	21,961	4								
Grand Forks.....	14,010		1				5			
Ohio:										
Akron.....	208,435	38	8				9		7	
Alliance.....	21,603	4					2			
Ashtabula.....	22,082	4					1			
Barberton.....	18,811	2					2			
Bellaire.....	15,061	10	2				1		1	
Bucyrus.....	10,425	2	2				1			
Cambridge.....	13,104	5					1			
Canton.....	87,091	19	7				2			1
Chillicothe.....	15,831	5	2				2		1	
Cincinnati.....	401,247	94	9		3		10		22	12
Cleveland.....	796,841	179	31	1	3		20		28	20
Cleveland Heights.....	15,236				1					
Columbus.....	237,031	64	10	1	1		6		6	1
Dayton.....	152,559	52	4		2		7		3	
East Cleveland.....	27,282	3							1	
East Youngstown.....	11,237	1								
Elyria.....	20,474	3								
Findlay.....	17,021	3	2				2			
Fremont.....	12,468	7								
Kenmore.....	12,683								1	
Lancaster.....	14,706	6								
Lima.....	41,326	11							3	2
Lorain.....	37,295		4				3			
Mansfield.....	27,824	4					2			
Martins Ferry.....	11,634	3								
Middletown.....	23,594	9	2				1			
New Philadelphia.....	10,718						1		1	
Newark.....	26,718	6	2							

1 Pulmonary only.

CITY REPORTS FOR WEEK ENDED SEPTEMBER 29, 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.
Ohio—Continued.										
Niles.....	13,080	1	3							
Norwood.....	24,966	3								
Piqua.....	15,044	3								
Salem.....	10,305	6			1					
Sandusky.....	22,897	7	1				2			
Springfield.....	60,840	24			1		2			1
Steubenville.....	28,508	7	1				1			
Tiffin.....	14,375	2	2							
Toledo.....	243,164	60	34	2	1		7		2	5
Youngstown.....	132,358	23	22	1	4		8	1		4
Zanesville.....	29,569	9					2			
Oklahoma:										
Okishoma.....	91,295	28	4				3			3
Tulsa.....	72,075		3				5			
Oregon:										
Portland.....	258,288	45	7	1	8		14		3	
Pennsylvania:										
Allentown.....	73,502		2		2					
Altoona.....	60,331		3				1			
Ambridge.....	12,780		1				2			
Berwick.....	12,181								3	
Bethlehem.....	50,358		4		1		4		3	
Braddock.....	20,879		1				1			
Butler.....	23,778		1				1			
Canonsburg.....	10,632		1						1	
Carbondale.....	18,640		1				1			
Carlisle.....	10,916						2			
Carrick.....	10,504		1		1					
Chambersburg.....	13,171						2			
Coatesville.....	14,515						1			
Connellsville.....	13,804		2				5			
Duquesne.....	19,011		1				2			
Easton.....	33,813		1							
Erle.....	93,372				1		4		4	
Farrell.....	15,586		5				10			
Greensburg.....	15,033		2							
Harrisburg.....	75,917		1		1		7			
Jeannette.....	10,627		1							
Johnstown.....	67,327		4				1			
Lancaster.....	53,150		3				4			
Lebanon.....	24,643		5				2			
McKees Rocks.....	16,713						1			
Meadville.....	14,568		1							
Monessen.....	18,179		3							
Mount Carmel.....	17,469								1	
New Castle.....	44,938		2							
New Kensington.....	11,987		1							
Oil City.....	21,274		1							
Philadelphia.....	1,823,779	438	62	3	10		24		57	44
Pittsburgh.....	588,343	150	40	5	2		30	3	11	11
Pottstown.....	17,431				1					
Pottsville.....	21,876		1				1			
Reading.....	107,784		4							
Scranton.....	137,783		2		2		1		3	
Shamokin.....	21,204		1							
Sharon.....	21,747		1		1					
Sunbury.....	15,721		2				4			
Tamaqua.....	12,363		1		3					
Uniontown.....	15,692		3							
Warren.....	14,272						3			
Washington.....	21,480		4		2		5			
Wilkes-Barre.....	73,833		4				1		1	
Wilkesburg.....	24,403		1				3			
Williamsport.....	36,198		1		32		1			
York.....	47,512		1				1			
Rhode Island:										
Craiston.....	29,407	4								
Cumberland (town).....	10,077	2	3							
Newport.....	30,255	4	2							1
Pawtucket.....	64,248	15								
Providence.....	237,595	34	8		1		5			3

CITY REPORTS FOR WEEK ENDED SEPTEMBER 29, 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.
South Carolina:										
Charleston	67,957	16	7							1
Columbia	37,524	20	1		2		1			3
Greenville	23,127	8	1							
South Dakota:										
Sioux Falls	25,202	10	4	1	1		1			1
Tennessee:										
Chattanooga	57,895	1	8				2			
Knoxville	77,818	2	2				2		2	2
Memphis	162,351	76	9	1			1		9	9
Nashville	118,342	26					2		3	2
Texas:										
Amarillo	15,494	6					2			
Beaumont	40,422	7	2							
Corpus Christi	10,522	3								
Dallas	158,976	39	2		6		2		3	2
El Paso	77,560	25	2		2					4
Fort Worth	106,482	15	7				1			1
Galveston	44,255	11	4							1
San Angelo	10,050	3								
San Antonio	161,379	57	4	1					1	8
Waco	38,500	14					1			
Utah:										
Provo	10,303	5					1			
Salt Lake City	118,110	37	5	1	1		1		1	2
Vermont:										
Burlington	22,779	2								
Virginia:										
Alexandria	18,060	5								
Charlottesville	10,688	3								
Lynchburg	30,070	7	7				1		1	1
Norfolk	115,777	4			1				4	
Petersburg	31,012	12	7	1			4			
Portsmouth	54,387	10	1				1			
Richmond	171,667	41	20		3		10		5	
Roanoke	50,842	7	2				3		2	
Washington:										
Bellingham	25,585		1				3			
Everett	27,644						1			
Seattle	315,312		5		3		14		25	
Spokane	104,337		4		3		8			
Tacoma	96,965		2		1		4			
Vancouver	12,637				1					
Walla Walla	15,503						1			
West Virginia:										
Bluefield	15,282	7	4							
Charleston	39,608	17	2				3		1	
Clarksburg	27,869	5	3							
Fairmont	17,851		1							
Huntington	50,177	16	2				6			
Martinsburg	12,515						1			
Morgantown	12,127		1				5			
Parkersburg	20,050	6			2					
Wheeling	56,208	14	4	1			4		2	1
Wisconsin:										
Appleton	19,561	11	2				3			
Ashland	11,334	5					3			
Beloit	21,284	7	2	1			3			
Eau Claire	20,906						2			
Fond du Lac	23,427	2					2			
Green Bay	31,017		1				8			
Janesville	18,293	2					3			
Kenosha	40,472	7	1							
La Crosse	30,421						3			
Madison	38,378	10	6	1			2		1	1
Milwaukee	457,147	17	1	1	2		19		26	2
Oshkosh	33,162	8	1	1					1	
Racine	58,593	11	2				9		2	
Sheboygan	30,955	5	3							
Stevens Point	11,371		1							
Superior	39,671	10	1				1			2
Waukesha	12,558								5	
Wausau	18,661		1				1			
West Allis	13,745		1							

FOREIGN AND INSULAR.

CANADA.

Communicable Diseases—Ontario—September, 1923 (Comparative).

Communicable diseases have been notified in the Province of Ontario, Canada, as follows:

Disease.	September, 1923.		September, 1922.	
	Cases.	Deaths.	Cases.	Deaths.
Cerebrospinal meningitis.....	2	1	8	6
Chancroid.....	6		3	
Diphtheria.....	245	17	180	19
Gonorrhoea.....	222		210	
Influenza.....	13	7		
Measles.....	95		62	
Pneumonia, primary.....		93		76
Pneumonia, influenzal.....		2		4
Polio-myelitis.....	6	2	55	9
Scarlet fever.....	270	6	180	4
Smallpox.....	25		19	1
Syphilis.....	173		138	
Tuberculosis.....	169	74	180	111
Typhoid fever.....	131	25	79	7
Whooping cough.....	230	8	196	8

CHILE.

Influenza¹—Concepcion.

During the two weeks ended September 10, 1923, 16 deaths from influenza were reported at Concepcion, Chile. (Population 64,512.)

CUBA.

Communicable Diseases.

Communicable diseases have been reported in Cuba as follows:

Habana.

Disease.	Sept. 21-30, 1923.		Remain- ing un- der treat- ment Sept. 30, 1923.
	New cases.	Deaths.	
Chicken pox.....	1		1
Diphtheria.....	5	1	1
Leprosy.....			a 15
Malaria.....	29	2	b 33
Measles.....	2		2
Scarlet fever.....			1
Typhoid fever.....	14	2	c 39

^a From abroad, 1.

^b From the interior, 13.

^c From the interior, 16.

¹ Public Health Reports Sept. 7, 1923, p. 2105; Sept. 14, 1923, p. 2188; Sept. 21, 1923, p. 2233; Sept. 28, 1923, p. 2295; and Oct. 5, 1923, p. 2346.

Provinces.

	New cases reported Aug. 11-20, 1923.							
	Chicken pox.	Diph- theria.	Infantile tetanus.	Malaria.	Measles.	Para- typhoid fever.	Scarlet fever.	Typhoid fever.
Camaguey.....			1	19		1		3
Habana.....	2	3		43	2	4	1	19
Matanzas.....				1		3		22
Oriente.....	4	1		30		3		23
Pinar del Rio.....		3		4		5		16
Santa Clara.....		2	1	9		2		28
Total.....	6	9	2	106	2	18	1	111

Typhoid Fever—September, 1923—Matanzas.

During the month of September, 1923, approximately 200 cases of typhoid fever were reported at Matanzas, Cuba. (Population, 62,638.)

GERMANY.

Dysentery—Typhoid Fever—Ruhr.

Information dated August 31, 1923, shows outbreaks of dysentery and typhoid fever in the Ruhr, Germany.

GUADELOUPE.

Smallpox (Reported as Alastrim).

Information dated September 29, 1923, shows smallpox (alastrim) generally diffused in the island of Guadeloupe, being reported present in 16 towns, with a total population of 80,000, and in rural and mountain areas.

INDO-CHINA.

Cholera—Plague—Smallpox—January, 1923.

During the month of January, 1923, cholera, plague, and smallpox were reported in Indo-China as follows:

Disease.	January, 1923.		January, 1922.	
	Cases.	Deaths.	Cases.	Deaths.
Cholera.....	8	1	170	128
Plague.....	75	73	97	85
Smallpox.....	137	24	73	3

For distribution according to Provinces, see pp. 2450, 2451.

Dysentery—Influenza—Leprosy.

During the month of January, 1923, 332 cases of dysentery (European 1), 35 cases, with 7 deaths, of influenza, and 10 cases of leprosy (native) were reported in Indo-China.

JAMAICA.

Smallpox (Reported as Alastrim).

During the two weeks ended September 22, 1923, 15 new cases of smallpox (alastrim) were reported in the island of Jamaica. Of these, four cases occurred in the parish of Kingston.

Typhoid Fever—Kingston and Vicinity.

During the same period there were reported at Kingston 11 cases of typhoid fever, and in the surrounding country 11 cases.

POLAND.

Communicable Diseases—July 15-28, 1923.

During the period July 15 to 28, 1923, communicable diseases were reported in Poland as follows:

JULY 15-21, 1923.

Disease.	Cases.	Deaths.	Districts with greatest number of deaths.
Cerebrospinal meningitis.....	5	10	Lodz.
Diphtheria.....	46	6	Krakow.
Measles.....	250	9	Warsaw City.
Scarlet fever.....	228	25	Lublin and Tarnopol.
Tuberculosis.....	98	187	Warsaw City.
Typhoid fever.....	163	12	Do.
Typhus fever.....	111	9	Wilno.
Typhus fever, recurrent.....	19	.....	.....
Whooping cough.....	72	4	Stanislawow.

JULY 22-28, 1923.

Cerebrospinal meningitis.....	11	9	Lodz and Upper Silesia.
Diphtheria.....	37	6	Lwow and Silesia.
Measles.....	209	10	Lodz.
Scarlet fever.....	196	18	Lwow and Warsaw City.
Smallpox.....	5	4	Krakow.
Tuberculosis.....	75	178	Lwow.
Typhoid fever.....	189	18	Lodz.
Typhus fever.....	50	6	Lwow.
Typhus fever, recurrent.....	31	1	Wilno.
Whooping cough.....	57	11	Stanislawow.

Dysentery—Rabies.

During the period under report, 259 cases of dysentery, with 28 deaths, and 3 deaths from rabies were reported in Poland.

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 October 19, 1923.¹

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Canton.....	Aug. 23-Sept. 1.....	1	.....	Present. Cases, foreign; deaths, native.
Foochow.....	July 28-Aug. 25.....	.....	.....
Shanghai.....	Aug. 23-Sept. 2.....	2	28	
India:				
Bombay.....	Sept. 2-8.....	3	1	
Indo-China:				
Province—				
Cochin-Chins.....	Jan. 1-31.....	8	1	

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

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

Reports Received During Week Ended October 19, 1923—Continued.

PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
Ceylon:				
Colombo.....	Aug. 26-Sept. 1....	7	6	
China:				
Amoy.....	Aug. 26-Sept. 1....		3	
Foochow.....	July 29-Aug. 25.....			Present in endemic form.
Egypt:				
Port Said.....	Sept. 3-9.....	1	2	
India:				
Bombay.....	Sept. 2-3.....	1	1	
Karachi.....	do.....	16	13	
Rangoon.....	Aug. 23-Sept. 1....	28	25	
Indo-China:				
Province—				
Annam.....	Jan. 1-31.....	20	18	
Cambodge.....	do.....	53	53	
Cochin-China.....	do.....	2	2	
Straits Settlements:				
Singapore.....	Aug. 19-25.....	1	1	
Syria:				
Beirut.....	Aug. 22-31.....	1	1	

SMALLPOX.

Brazil:				
Bahia.....	Aug. 19-25.....	1		
Pernambuco.....	Aug. 19-Sept. 1....	13	2	
Rio de Janeiro.....	Aug. 19-Sept. 8....	14	9	
Canada:				
British Columbia—				
Vancouver.....	Aug. 19-Sept. 15..	10		
Ontario.....	Sept. 1-30.....	25		
Chile:				
Concepcion.....	Sept. 4-10.....		1	
China:				
Amoy.....	Aug. 26-Sept. 1....			Present.
Foochow.....	July 29-Aug. 25.....			Do.
Hongkong.....	Aug. 19-25.....	4	3	
Shanghai.....	Aug. 20-26.....		1	
Esthonia.....	Aug. 1-31.....	2		
Finland.....	Aug. 16-31.....	1		
Great Britain:				
London.....	Sept. 9-15.....	5		Sept. 22, 1923: 4 additional in Middlesex County.
Nottingham.....	Aug. 19-Sept. 8....	4		
Sheffield.....	Sept. 16-22.....	1		
Guadeloupe (West Indies)	Sept. 29.....			Present in 16 towns.
Basse Terre.....	do.....			Present.
Pointe-à-Pitre.....	do.....			Estimated, 1,500 cases, 8 deaths.
India:				
Bombay.....	Sept. 2-3.....	3	1	
Karachi.....	do.....	1		
Rangoon.....	Aug. 26-Sept. 1....	1		
Indo-China:				
Province—				
Annam.....	Jan. 1-31.....	3		
Cambodge.....	do.....	32	6	
Cochin-China.....	do.....	93	18	
Tonkin.....	do.....	9		
Italy:				
Leghorn.....	Sept. 17-23.....	6		
Jamaica:				
Kingston.....	Sept. 9-23.....	4		Sept. 9-22, 1923: Cases, 15. Parish.
Java:				
Soerabaya.....	July 29-Aug. 18....	28	3	
Mexico:				
Guadalajara.....	Aug. 1-31.....	6	1	
Poland.....	July 22-28.....	5	4	
Portugal:				
Lisbon.....	Aug. 20-Sept. 22..	9	5	
Oporto.....	Sept. 16-22.....	5	3	
Spain:				
Barcelona.....	Aug. 30-Sept. 12..		2	
Valencia.....	Sept. 16-22.....	12	1	

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

Reports Received During Week Ended October 19, 1923—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Switzerland:				
Berne.....	Sept. 2-3.....	1		
Zurich.....	Sept. 4-15.....	2		
Syria:				
Damascus.....	Aug. 29-Sept. 4....	3	1	
Turkey:				
Constantinople.....	Aug. 26-Sept. 8.....		2	

TYPHUS FEVER.

Chile:					
Iquique.....	Sept. 2-8.....		1		
Germany:					
Coblentz.....	July 29-Aug. 4.....	3			
Great Britain:					
Ireland—					
Cork.....	Aug. 19-25.....	1	1		
Hungary:					
Budapest.....	Sept. 2-8.....	1			
Java:					
Soerabaya.....	July 29-Aug. 18....	16	3		
Mexico:					
Guadalajara.....	Aug. 1-31.....	1			
Poland.....					July 15-28, 1923: Cases, 161; deaths, 15. Recurrent typhus—cases, 50; deaths, 1.

YELLOW FEVER.

Brazil:					
Bahia.....	Aug. 12-18.....		1		
Do.....	Aug. 26-Sept. 1....	1	1		

Reports Received from June 30 to October 12, 1923.¹

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Shanghai.....	Aug. 28.....			Reported moderately prevalent.
India.....				Apr. 15-June 30, 1923: Cases, 19,470; deaths, 14,608. July 1-Aug. 4, 1923: Cases, 7,800; deaths, 4,200.
Bombay.....	June 3-30.....	34	23	
Do.....	July 1-Aug. 18....	97	61	Aug. 5-Sept. 1, 1923: Cases, 41; deaths, 23.
Calcutta.....	May 6-June 30....	371	300	
Do.....	July 8-Sept. 1....	183	137	
Madras.....	June 3-30.....	2		
Do.....	July 1-Sept. 1....	15	6	
Rangoon.....	May 13-June 30....	18	15	
Do.....	July 1-Aug. 25....	34	31	
Indo-China.....				Oct. 1-31, 1922: Cases, 92; deaths, 53. Preceding month: Cases, 24; deaths, 14. October, 1921: Cases, 100; deaths, 61. Nov. 1-Dec. 31, 1922: Cases, 161; deaths, 59 (native); European, 1 case.
City—				Including 100 square kilometers of surrounding country.
Saigon.....	May 20-June 30....	12	11	
Do.....	July 1-28.....	13	12	Do.

¹ 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 October 12, 1923—Continued.

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Indo-China—Continued.				
Province—				
Annam	Oct. 1-Dec. 31.....	177	65	Sept. 1-30, 1922: Cases, 2; deaths, 1.
Cambodge	do.....	44	27	Sept. 1-30, 1922: Cases, 3.
Cochin-China	do.....	32	20	Sept. 1-30, 1922: Cases, 19; deaths, 13.
Tonkin	do.....	1	1	Preceding month: No cases.
Iraq (Mesopotamia):				
Bassorah.....	Aug. 6-18.....	166	74	Aug. 21, 1923: Present. Port declared infected since Aug. 6, 1923.
Philippine Islands:				
City—				
Manila.....	June 10-16.....	2	1	Death in foreign case from Ching-kang, China.
Province—				
Bulacan.....	May 17-23.....	1	1	
Capiz.....	May 27-June 2.....	1	1	
Cebu.....	Apr. 8-21.....	1	1	
Cotabato.....	Apr. 8-14.....	1	1	
Laguna.....	May 6-June 9.....	2	1	
Mindoro.....	Aug. 5-11.....	2	2	
Mountsin.....	Mar. 25-31.....	1	1	
Occidental Negros.....	July 22-28.....	1	1	
Pangasinan.....	June 24-30.....	2	2	
Russia (Soviet).....				
Slam:				
Bangkok.....	May 13-June 30.....	10	11	Jan. 1-May 15, 1923: Cases, 10.
Do.....	July 1-21.....	4	2	

PLAGUE.

Algeria:				
Algiers.....	Aug. 11-20.....	2	1	Actual dates of occurrence, Aug. 16 and 17, 1923.
St. Eugene.....	Aug. 1-20.....	2	2	Locality 5 miles north of Algiers.
Australia:				
Sydney.....	June 30.....	1	1	
Azores:				
St. Michael Island.....	May 6-26.....	12	5	In one locality.
Brazil:				
Porto Alegre.....	.....	.....	.....	Jan. 1-Mar. 31, 1923: Deaths, 19.
British East Africa:				
Kenya—				
Kisumu.....	June 10-16.....	2	1	
Do.....	Aug. 5-11.....	1	1	
Tanganyika.....	May 6-June 2.....	3	3	Territory.
Do.....	July 5-21.....	20	12	
Uganda.....	Apr. 1-30.....	7	5	
Canary Islands:				
Las Palmas.....	June 7.....	1	1	
Ceylon:				
Colombo.....	May 6-June 30.....	18	19	Plague rats, 38.
Do.....	July 1-Aug. 25.....	39	31	Plague rats, 19. One plague-infected cat.
China:				
Amoy.....	May 13-June 25.....	.....	10	
Do.....	July 1-Aug. 18.....	.....	7	
Fochow.....	May 27-June 23.....	.....	.....	Present.
Do.....	July 8-28.....	.....	.....	Reported as endemic.
Hongkong.....	Apr. 29-June 30.....	63	40	
Do.....	July 1-Aug. 4.....	27	32	
Manchuria—				
Yakohih.....	May 31.....	1	1	Station on Eastern Chinese Railway. Occurring in tarabagan (marmot) hunter. Bubonic. Rodent plague present.
Nanking.....				
Do.....	June 17-30.....	.....	.....	Do.
Ecuador:				
Guamote.....	Aug. 1-15.....	9	2	Country district.
Guayaquil.....	.....	.....	.....	May 16-June 30, 1923: Rats examined, 13,800; found infected, 39. July 1-Aug. 31, 1923: Rats examined, 32,960; found infected, 30.
Do.....	July 1-15.....	2	2	
Santa Ana (Manabi).....	July 16-Aug. 15.....	7	3	

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

Reports Received from June 30 to October 12, 1923—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Egypt				Jan. 1-June 21, 1923: Cases, 1,051; deaths, 548. May 1-29: Cases, 315. Jan. 1-June 24, 1923: Cases, 1,069. Jan. 1-Aug. 23, 1923: Cases, 1,319; deaths, 643. July 23-29, 1923: Cases, 47.
City—				
Alexandria.....	Jan. 7-June 24.....	35	15	May 1-29, 1923: Cases, 14.
Do.....	July 1-Aug. 20.....	12	2	
Port Said.....	Jan. 7-June 24.....	24	12	May 1-29, 1923: Cases, 13.
Do.....	July 1-Aug. 23.....	23	1	
Suez.....	Mar. 2-June 15.....	12	7	May 1-29, 1923: Cases, 3.
Do.....	July 16-Aug. 23.....	7	1	
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.
Menoufeh.....	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; Aug. 2, 1 rat at Hamakua Mill Co. plantation. Aug. 16, plague rat found at Kapulena. July 20, 1923: One plague rat; July 30, 2 plague rats; Honokaa Sugar Co. mill and Honokaa village.
Honokaa.....				July 20, 1923: One plague rat; July 30, 2 plague rats; Honokaa Sugar Co. mill and Honokaa village.
India				Apr. 29-June 23, 1923: Cases, 5,783; deaths, 4,481. July 1-14, 1923: Cases, 2,400; deaths, 1,650. July 29-Aug. 4, 1923: Cases, 1,244; deaths, 710.
Bombay	Apr. 29-June 30.....	503	411	
Do.....	July 1-Aug. 18.....	20	16	
Calcutta.....	May 6-June 9.....	13	13	
Do.....	Aug. 12-18.....	1	1	
Karachi.....	May 13-June 30.....	110	85	Plague rats, 5.
Do.....	July 1-Sept. 1.....	68	58	
Madras Presidency.....	May 13-June 30.....	254	141	
Do.....	July 1-Sept. 1.....	1,691	970	
Rangoon.....	May 6-June 30.....	260	229	
Do.....	July 1-Aug. 25.....	238	207	
Indo-China				Sept. 1-Dec. 31, 1922: Cases, 315; deaths, 305.
City—				
Saigon.....	June 24-30.....	5	5	Including 100 square kilometers of surrounding country.
Do.....	July 1-7.....	1	1	Do.
Province—				
Annam.....	Oct. 1-Dec. 31.....	40	36	Preceding month, 15 deaths.
Cambodge.....	do.....	145	145	Preceding month, 51 deaths.
Cochin China.....	do.....	4	1	Preceding month, 4 cases, 2 deaths.
Iraq (Mesopotamia):				
Bagdad.....	May 1-June 30.....	335	224	
Java				May 1-June 30, 1923: Deaths, 912. July 1-31, 1923: deaths, 469.
Province—				
Djakakarta.....	June 1-30.....		5	
Do.....	July 1-31.....		2	
Kedoe.....	June 1-30.....		135	
Do.....	July 1-31.....		122	
Pekalongan.....	June 1-30.....		48	
Do.....	July 1-31.....		66	
Samarang.....	June 1-30.....		143	
Do.....	July 1-31.....		115	
Soerabaya.....	June 1-30.....		1	
Soerakarta.....	do.....		109	
Do.....	July 1-31.....		164	May 16, 1923: Epidemic in 5 districts.

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

Reports Received from June 30, to October 12, 1923—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Madagascar.....				Apr. 1-June 15, 1923: Cases, 74; deaths, 71. Bubonic, pneumonic, septicemic.
Province—				
Tananarive.....	Apr. 1-June 30.....	57	54	July 16-31, 1923: Cases, 3; deaths, 3. Pneumonic and septicemic.
Tananarive.....	Apr. 16-June 30.....	21	21	
Do.....	July 1-31.....	2	1	1 pneumonic.
Mauritius Island.....				May 4-21, 1923: 2 cases.
Port Louis.....	May 4.....	1		
Mexico:				
Tampico.....				Apr. 15-21, 1923: 1 plague rat. Aug. 8, 1923: At Dona Cecelia, a suburb of Tampico, 1 plague-infected rat found. From Jan. 1 to Aug. 8, 1923, plague-infected rats found, 5.
Palestine:				
Jaffa.....	June 19-July 16.....	10	1	Bubonic and septicemic.
Peru.....				May 1-June 30, 1923: Cases, 111; deaths, 63. July 1-Aug. 31, 1923: Cases, 31; deaths, 16.
Locality—				
Ayabaca.....	May 16-June 30.....	15	13	
Do.....	July 1-31.....	4	2	
Callao.....	May 1-June 30.....	5	3	
Do.....	July 1-Aug. 31.....	2	1	
Canete.....	May 16-June 30.....	3	2	
Do.....	July 1-31.....	6	3	
Cerro Azul.....	May 1-31.....	3	1	
Chiclayo.....	May 1-June 30.....	9	2	
Do.....	July 1-Aug. 31.....	6	4	
Cutervo.....	May 1-15.....	2	1	
Huancabamba.....	May 1-June 30.....	34	25	
Huacho.....	July 1-31.....	1		
Huaral.....	June 1-30.....	2	2	
Do.....	July 1-31.....	3	1	
Lima (city).....	May 1-31.....	17	8	
Do.....	July 1-Aug. 31.....	6	3	
Lima (country).....	May 1-31.....	7	4	
Do.....	July 1-Aug. 31.....	2	1	
Mollendo.....	June 1-30.....	1	1	
Reque.....	Aug. 1-31.....	1	1	
Salaverry.....	May 1-June 30.....	11	3	
Trujillo.....	do.....	2	3	
Russia.....				Jan. 1-May 15, 1923: Few cases in Far East regions.
Senegal:				
Dakar.....	July 1-31.....	4	4	Reported to have come from port of Rufisque, Senegal.
Rufisque.....	Aug. 6.....			Present.
Siam:				
Bangkok.....	Apr. 29-June 30.....	31	30	
Do.....	July 1-Aug. 4.....	8	8	
Siberia.....				Sporadic cases of plague reported yearly in localities vicinity of stations Matsievskava and Borzia, Transbaikai Railway.
Haramhor.....	May 6.....	1	1	Village in zone of endemic tarabagan (marmot) plague, Transbaikai region.
Station No. 83.....				Station on Transbaikai Railway. Marmot plague during recent years.
Soktu.....				Do.
Straits Settlements:				
Singapore.....	May 6-June 30.....	6	8	
Do.....	July 22-28.....	1	1	
Syria:				
Beirut.....	May 12-June 20.....	3		
Do.....	July 1-31.....	4		
Turkey:				
Constantinople.....	Aug. 19-25.....		1	On Aug. 16, 1923: Two cases reported.

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

Reports Received from June 30 to October 12, 1923—Continued.

SMALLPOX.

Place.	Date.	Cases.	Deaths.	Remarks.
Algeria:				
Algiers.....	May 1-31.....	2		
Do.....	Aug. 1-10.....	1		July 1-31, 1923: Cases, 2.
Arabia:				
Aden.....	May 27-June 2.....		2	
Do.....	July 8-Aug. 11.....	7	1	
Azores:				
St. Michael Island.....	July 15-21.....	7		Mild.
Bolivia:				
La Paz.....	Apr. 1-June 30.....	2	3	
Brazil:				
Pernambuco.....	May 6-June 16.....	5		
Do.....	July 1-Aug. 18.....	33	2	
Rio de Janeiro.....	May 13-June 23.....	25	3	
Do.....	July 15-Aug. 18.....	18		
Rio Grande do Sul.....				Jan. 1-Mar. 31, 1923: Present with some mortality.
British East Africa:				
Kenya—				
Mombasa.....	May 20-26.....	1		From vessel from Bombay.
Tanganyika.....	Apr. 29-June 9.....	3		Territory.
Do.....	July 1-28.....	27	6	Do.
Uganda—				
Entebe.....	Apr. 1-30.....	4		
Zanzibar.....				July 1-31, 1923: Cases, 7; deaths, 3.
Canada:				
Alberta—				
Calgary.....	May 27-June 2.....	1		Infection from Deer Lodge, Mont.
British Columbia—				
Vancouver.....	May 27-June 30.....	33	1	
Do.....	July 1-14.....	5	1	
Victoria.....	Aug. 5-25.....	2		
Manitoba—				
Winnipeg.....	June 3-30.....	1		
Do.....	July 1-31.....	1		
New Brunswick—				
Kent County.....	July 1-7.....	1		
Ontario.....				June 1-30, 1923: Cases, 13. July 1-Aug. 31, 1923: Cases, 23.
London.....	July 15-21.....	1		
Toronto.....	June 24-30.....	3		
Do.....	July 15-21.....	1		
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-June 11.....		3	June 1-30, 1923: Cases, 2. July 1-31, 1923: 1 death.
Talcahuano.....	Aug. 12-18.....	1		Landed from vessel.
Valparaiso.....	May 7-June 23.....	6	121	June 10-16, 1923: 29 cases reported from 2 districts.
Do.....	July 1-28.....	12	10	July 30, 1923: 25 cases in lazaretto. Aug. 6: 20 cases. Aug. 14: 60 cases present.
China:				
Amoy.....	May 13-June 23.....		3	June 19-25, 1923: Present.
Do.....	July 1-Aug. 25.....			Present.
Antung.....	May 14-20.....	1		
Canton.....				June 1-30, 1923: Present. July 1-31, 1923: Present.
Chungking.....	May 13-June 30.....			Present and endemic.
Do.....	July 1-Aug. 25.....			Do.
Foochow.....	May 13-July 28.....			Present.
Hongkong.....	Apr. 29-June 30.....	98	82	
Do.....	July 1-Aug. 11.....	47	43	
Manchuria—				
Dairen.....	May 21-27.....	1		
Harbin.....	May 7-June 24.....	5		
Do.....	July 1-22.....	3		
Mukden.....	May 13-20.....	1		
Nanking.....	May 13-June 23.....			Do.
Do.....	June 24-Sept. 1.....			Do.
Shanghai.....	May 21-June 3.....	4		Foreign.
Do.....	July 2-Aug. 5.....	1	3	Case, foreign: deaths, Chinese.

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

Reports Received from June 30 to October 12, 1923—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Chosen (Korea):				
Chemulpo.....	May 1-31.....	1		
Fusan.....	May 1-June 30.....	4		
Do.....	July 1-31.....	22	6	
Gensan.....	May 1-31.....	1		
Seoul.....	May 1-June 30.....	42	13	
Do.....	July 1-31.....	6	7	
Cuba:				
Antilla.....	July 8-14.....		2	From Preston.
Czechoslovakia.				
Province—				Jan.-Mar., 1923: Cases, 15. Apr.-
Bohemia.....	Jan. 1-Mar. 31.....	15	4	June, 1923: Cases, 16; deaths, 4.
Ecuador:				
Alausi.....	July 16-31.....	3		
Esmeraldas.....	Aug. 16-31.....	2		
Guayaquil.....	May 16-30.....	1		
Montecristi (Manabi).....	.....do.....			Present.
Riobamba.....	.....do.....	1	1	
Rocafuerte.....	.....do.....			Do.
Zaruma (El Oro).....	.....do.....			Do.
Egypt:				
Cairo.....	Mar. 12-June 17.....	23	7	
Estonia.				
Finland.				
Great Britain:				
Birmingham.....	June 18-30.....	3		
Bristol.....	June 28.....			Present.
Cardiff.....	June 3-30.....	6		
Gloucester.....	June 28.....			
Do.....	July 12.....	19		123 cases reported in hospital; present in rural districts. July 15, 1923: Present. Aug. 9, 1923: 33 cases in isolation hospital; two weeks previously about 250 cases present in hospital. May 1-31, 1923: Cases, 211.
Nottingham.....	June 3-9.....	1		
Do.....	July 8-21.....	2		
Greece:				
Athens.....	May 1-31.....	53		
Patras.....	Apr. 24-June 15.....		19	
Saloniki.....	Apr. 30-May 20.....	2	2	
Do.....	June 25-July 8.....	2	3	
Guadeloupe (West Indies).				
Basse Terre.....	Aug. 17.....			Present.
Pointe à Pitre.....	.....do.....			Estimated from 2,000 to 3,000 cases. Sept. 2-8, 1923: 1,500 cases present; 8 deaths reported.
Hungary.				
India.				
Bombay.....	Apr. 22-June 30.....	298	141	Apr. 15-June 30, 1923: Cases, 8,112; deaths, 2,933. July 1-Aug. 4, 1923: Cases, 4,868; deaths, 1,244.
Do.....	July 1-Aug. 18.....	51	32	Aug. 5-Sept. 1, 1923: Cases, 8; deaths, 3.
Calcutta.....	May 13-June 9.....	12	9	
Do.....	July 1-Aug. 25.....	17	13	
Karachi.....	May 13-June 30.....	24	8	
Do.....	July 1-Aug. 18.....	12	4	
Madras.....	May 13-June 23.....	91	16	
Do.....	July 8-Sept. 1.....	37	14	
Rangoon.....	May 6-June 30.....	125	67	
Do.....	July 1-Aug. 25.....	40	18	
Indo-China.				
City—				Nov. 1-Dec. 31, 1922: Cases, 234; deaths, 68.
Saigon.....	May 20-June 30.....	34	23	Including 100 surrounding square kilometers.
Do.....	July 1-28.....	31	18	Do.
Provinces—				
Annam.....	Nov. 1-30.....	3	1	
Cambodge.....	Nov. 1-Dec. 31.....	97	41	
Cochin-China.....	.....do.....	125	34	
Tonkin.....	Dec. 1-31.....	9	1	

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

Reports Received from June 30 to October 12, 1923—Continued.

SMALLPOX—Continued.

Place.	Date	Cases.	Deaths.	Remarks.
Iraq (Mesopotamia):				
Bagdad.....	Apr. 1-June 30....	32	11	
Italy:				
Turin.....	May 28-June 3....	1		
Do.....	July 2-15.....	2		
Jamaica:				
Kingston.....	May 27-June 30....	39		May 27-June 30, 1923: Cases, 226. July 1-Sept. 8, 1923: Cases, 287. (Reported as alastrim.)
Do.....	July 1-Sept. 8....	39		
Japan:				
Kobe.....	May 28-June 10....	2		
Do.....	July 2-8.....	1		
Java:				
East Java—				
Soerabaya.....	Apr. 22-June 30....	187	22	
Do.....	July 15-28.....	33	5	
Soerakarta.....				July 31, 1923: Epidemic.
West Java—				
Batavia.....	May 5-June 8.....	17	3	Province.
Do.....	June 30-Aug. 10....	1	1	Do.
Latvia:				Apr. 1-May 31, 1923: Cases, 8.
Mexico:				
Agascalientes.....	July 8-14.....		1	
Chihuahua.....	June 11-24.....	7		
Guadalajara.....	July 22-Sept. 22....		10	June 1-30, 1923: Cases, 15; deaths, 2.
Mexico City.....	May 19-June 30....	164		Including municipalities in Federal district.
Do.....	July 1-Sept 1.....	164		Do.
Palestine:				
Jaffa.....	June 5-11.....	1		
Persia:				
Tabriz.....	Apr. 1-June 30....		2	District.
Teheran.....	Feb. 22-June 14....		30	Mar. 22-Apr. 1, 1923: Deaths, 7. District.
Poland:				Apr. 29-June 30, 1923: Cases, 1,861; deaths, 43. July 1-14, 1923: Cases, 9; deaths, 1.
Portugal:				
Lisbon.....	May 20-June 30....	35	3	
Do.....	July 1-Sept. 1....	34	6	
Oporto.....	June 10-30.....	6	3	
Do.....	July 9-Sept. 15....	46	24	
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-June 30....	90	53	Aug. 5-18, 1923: Cases, 77; deaths, 42. Sept. 8, 1923: Reported prevalent.
Do.....	July 1-Aug. 11....	105	59	
Sierra Leone:				
Freetown.....	July 16-31.....	1		Landed from S. S. Tsad, from Southampton via Las Palmas.
Kaballa.....	May 1-15.....	1		In Sembahun district.
Pujehun.....	May 16-31.....	1		
Sambuya.....	Aug. 1-15.....	1		
Spain:				
Barcelona.....	May 31-June 6....		1	
Do.....	June 28-Aug. 1....		3	
Seville.....	July 19-25.....		1	
Valencia.....	May 15-June 30....	44	2	
Do.....	July 1-Sept. 15....	55	6	
Switzerland:				
Basel.....	May 27-June 30....	4		
Do.....	July 8-Aug. 25....		8	
Berne.....	May 20-June 30....	11		
Do.....	July 1-28.....		10	
Luzerne.....	May 1-June 7.....	36		
Do.....	July 1-31.....		14	
Zurich.....	May 20-June 23....	10		
Do.....	July 15-Aug. 25....	7		

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

Reports Received from June 30 to October 12, 1923—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Syria:				
Aleppo.....	July 15-31.....	6		
Damascus.....	May 15-June 11.....	7		
Do.....	Aug. 16-22.....	3		
Tunis:				
Bizerta.....	June 10-20.....	1		
Tunis.....	June 11-17.....	1		
Do.....	June 26-July 1.....	1		
Turkey:				
Constantinople.....	May 13-June 26.....		45	
Do.....	June 27-Aug. 25.....	1	16	
Union of South Africa:				
Cape Province:				
Do.....	May 6-June 30.....			May 1-June 30, 1923: Cases, 66; deaths, 1 (colored).
Do.....	July 1-Aug. 4.....			May 1-31, 1923: Cases, 32 (colored).
Do.....	Do.....			Outbreaks.
East London.....	July 8-14.....	1		Do.
Natal.....	Do.....			Do.
Orange Free State.....	Apr. 29-June 30.....			Do.
Do.....	July 1-29.....			Do.
Transvaal.....	Do.....			May 1-31, 1923: 1 case.
Do.....	July 1-Aug. 4.....			Outbreaks.
Yugoslavia:				
Province—				
Bosnia-Herzegovina.....	July 1-7.....	1		July 1-7, 1923: Cases, 8; deaths, 1.
Croatia-Slavonia.....	Do.....	4	1	
Serbia.....	Do.....	2	1	
Belgrade.....	June 10-16.....	1	1	
Do.....	July 8-14.....	1	1	
Zagreb.....	June 24-30.....	1		
Woiwodina.....	July 1-7.....	1		
On vessels:				
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.
S. S. Tsad.....	July 16-31.....	1		At Freetown, Sierra Leone, Africa, from European and West African ports.
S. S. —.....	Aug. 12-18.....	1		Landed at Talcahuano, Chile.

TYPHUS FEVER.

Algeria:				
Algiers.....	May 1-June 30.....	66	19	
Do.....	Do.....			July 1-Aug. 31, 1923: Cases, 5; deaths, 6.
Argentina:				
Rosario.....	May 25-31.....		3	
Bolivia:				
La Paz.....	June 1-30.....	4		
Do.....	July 1-31.....	8	1	
Bulgaria:				
Sofia.....	Apr. 22-June 23.....	11	2	Paratyphus, 2 cases; 2 deaths.
Do.....	July 15-Sept. 1.....	17	1	Paratyphus, 5 cases.
Chile:				
Concepcion.....	May 22-June 18.....		3	
Do.....	Aug. 7-13.....		1	
Talcahuano.....	May 13-19.....	1		
Valparaiso.....	May 7-June 23.....		23	June 11, 1923: 34 cases in Salvador Hospital. July 30, 1923: 45 cases in hospital. Aug. 6: 58 cases; Aug. 12-18, 82 cases stated to be present; Aug. 23, 88 cases in Lazaretto.
Do.....	July 1-Aug. 25.....		48	

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

Reports Received from June 30 to October 12, 1923—Continued.

TYPHUS FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Antung.....	May 28-June 24...	12		
Do.....	July 16-22.....	1		
Hankow.....	May 19-25.....	1		
Manchuria—				
Harbin.....	May 6-13.....	1		
Mukden.....	May 14-20.....	2		
Czechoslovakia.				
Province—				
Bohemia.....	Apr. 1-June 30....	8		Jan.-Mar., 1923: Cases, 191 deaths, 6. Apr. 1-June 30: Cases, 132; deaths, 4. Paratyphoid A, 1; paratyphoid B, 20.
Moravia.....	do.....	2		
Russinia.....	do.....	98	1	
Silesia.....	do.....	1	1	
Slovakia.....	do.....	23	2	
Egypt:				
Alexandria.....	May 14-June 21....	7	5	Paratyphoid fever, 2 cases.
Do.....	June 25-Sept. 2....	9	6	
Cairo.....	Apr. 12-June 24....	44	29	
Port Said.....	Aug. 3-19.....	1		
Esthonia.....				
June 1-30, 1923: Recurrent typhus, 1 case; paratyphus, 2 cases.				
Finland.....				
Aug. 1-15, 1923: Paratyphus, 16 cases.				
France:				
Marseille.....	Mar. 1-May 31.....		3	
Germany:				
Coblenz.....	May 27-June 2.....		1	
Do.....	Aug. 19-Sept. 2....	5		
Hamburg.....	May 20-26.....	3		Case developed July 28, 1923, at Emigration Hall, Hamburg.
Do.....	July 29-Aug. 4.....	1		
Konigsberg.....	May 13-June 2.....	2		
Do.....	Aug. 12-18.....	1		
Stettin.....	May 27-June 9.....	1	1	
Greece				
May 1-31, 1923: Cases, 876.				
Athens.....	May 1-31.....	150	5	
Do.....	July 22-31.....		1	
Patras.....	Apr. 24-June 15....		30	
Piræus.....	May 1-June 30....	356	11	
Do.....	July 1-10.....	3		
Saloniki.....	Apr. 30-June 24....	56	16	Apr. 30-May 27, 1923: Recurrent typhus: Cases, 3; deaths, 3.
Do.....	July 9-15.....	1		
Guatemala:				
Guatemala City.....	Apr. 1-June 30....		5	
Hungary.....				
Budapest.....	Jan. 1-June 2.....	48	12	Jan. 1-May 19, 1923: Cases, 318 deaths, 35. In 11 counties.
Iraq (Mesopotamia):				
Bagdad.....	Apr. 1-June 30....	3		
Japan:				
Nagasaki.....	July 2-8.....	1		
Latvia.....				
Apr. 1-June 30, 1923: Cases, 231; paratyphus, 5 cases. June 1-July 31, 1923: Cases, 67; paratyphus, 1 case; recurrent typhus, 1 case.				
Mexico:				
Guadalajara.....	June 1-30.....	1		
Do.....	July 1-Sept. 22....	1	1	
Mexico City.....	May 20-June 30....	75		Including municipalities in Federal District.
Do.....	July 1-Sept. 1.....	98		
San Luis Potosi.....	July 29-Aug. 4.....		1	Do.
Palestine				
Jaffa.....	May 22-28.....	2		Aug. 14-20, 1923: One case; in northern district.
Do.....	June 26-Aug. 6.....	5		
Jerusalem.....	May 22-28.....	1		Relapsing fever, 1 case.
Persia:				
Tabriz.....	Apr. 1-14.....	2		
Teheran.....	Feb. 22-June 14....		4	
Do.....	July 1-14.....		1	

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

Reports Received from June 30 to October 12, 1923—Continued.

TYPHUS FEVER—Continued.

Place	Date	Cases	Deaths	Remarks
Poland.....				Mar. 4-Apr. 7, 1923: Cases, 2,253; deaths, 172. Recurrent typhus: Cases, 338; deaths, 6. Apr. 29-June 30, 1923: Cases, 2,206; deaths, 177. July 1-14, 1923: Cases, 296; deaths, 16. Recurrent typhus: Apr. 29-June 23, 1923: Cases, 337; deaths, 3. July 1-14, 1923: Cases, 24; deaths, 2.
Portugal:				
Oporto.....	June 10-16.....	1		
Do.....	July 1-21.....	3		
Rumania:				
Kishineff.....	May 1-June 30.....	41		
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	
Do.....	Aug. 23-29.....		1	
Madrid.....	May 1-31.....		1	
Do.....	July 1-31.....		2	
Syria:				
Aleppo.....	May 20-June 16.....	4	2	
Do.....	July 15-21.....	3	1	July 8-14, 1923: Present.
Beirut.....	May 1-10.....	1		
Tunis:				
Tunis.....	May 28-June 24.....	3	2	
Do.....	July 9-15.....	1	1	
Turkey:				
Constantinople.....	May 13-June 26.....		19	
Do.....	June 27-Aug. 25.....	2	9	
Union of South Africa.....				May 1-June 30, 1923: Cases, 230; deaths, 47 (colored). White—Cases, 15; deaths, 1. Total, 245 cases, 48 deaths.
Cape Province.....				May 1-31, 1923: Cases, 49 (colored); white, 5. Outbreaks.
Do.....	Apr. 29-June 30.....			Do.
Do.....	July 1-29.....			Do.
Natal.....				May 1-31, 1923: One case (colored).
Orange Free State.....				May 1-31, 1923: Cases, 45 (colored). Outbreaks.
Do.....	May 6-June 16.....			Do.
Do.....	July 15-29.....			Do.
Transvaal.....				May 1-31, 1923: Cases, 7.
Johannesburg.....	May 1-June 30.....	4	4	
Yugoslavia.....				July 1-7, 1923: Cases, 4.
Province—				
Bosnia-Herzegovina.....	July 1-7.....	4		
Croatia-Slavonia—				
Zagreb.....	May 27-June 2.....	1		
Serbia—				
Belgrade.....	Aug. 12-18.....	1		

YELLOW FEVER.

Brazil:				
Bahia.....	May 13-June 30.....	25	6	
Do.....	July 1-Aug. 11.....	10	3	
Colombia:				
Bucaramanga.....	June 25-Aug. 26.....			Present.