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## CURRENT PREVALENCE OF COMMUNICABLE DISEASES IN THE UNITED STATES<sup>1</sup>

March 24–April 20, 1935

The prevalence of certain important communicable diseases, as indicated by weekly telegraphic reports from State health departments to the United States Public Health Service, is summarized in this report. The underlying statistical data are published weekly in the Public Health Reports, under the section entitled "Prevalence of Disease."

*Meningococcus meningitis*.—For the country as a whole, the number of reported cases of meningococcus meningitis (659) was slightly higher than that for the preceding 4 weeks. The increase, however, was confined largely to the Middle Atlantic and East North Central regions. All other sections reported more cases for the preceding period and, with the exception of a few States, a rather steady decline was in progress during the current 4 weeks. In New York the number of cases rose from 61 for the preceding period to 83 for the 4 weeks ended April 20; in Ohio from 48 to 60; in Virginia from 14 to 29; in California from 23 to 35. In South Carolina the number of cases dropped from 23 for the 4 weeks ended March 23 to 2 for the current period; in Tennessee from 28 to 16; and in New Mexico from 11 to 4.

Later reports for the week ended April 27 give a total of 174 cases, which represents an increase of about 15 percent over the preceding week, due largely to increases in Ohio and Kentucky.

The current incidence of this disease was almost 3 times that of last year and was higher than in the corresponding period of any year since 1930, when 1,118 cases were reported. The number of cases (108) reported from the South Atlantic States was the highest for this period in the 7 years for which data are available; in the South Central and Western sections the incidence was the highest since 1930; and in the North Atlantic and North Central regions the figures were the highest since 1931.

<sup>1</sup> From the Office of Statistical Investigations, U. S. Public Health Service. The numbers of States included for the various diseases are as follows: Typhoid fever, 48; poliomyelitis, 48; meningococcus meningitis, 48; smallpox, 48; measles, 47; diphtheria, 48; scarlet fever, 48; influenza, 44 States and New York City. The District of Columbia is counted as a State in these reports. These summaries include only the 8 important communicable diseases for which the Public Health Service receives regular weekly reports from the State health officers.

The table shows by geographic areas the number of cases reported during 1934-35 in comparison with corresponding periods in the 3 preceding years.

*Meningococcus meningitis cases reported in each geographic area during 1934-35, with comparative data for corresponding periods in the 3 preceding years*<sup>1</sup>

Year	4-week period ended—												Week ended—				
	May 19	June 16	July 14	Aug. 11	Sept. 8	Oct. 6	Nov. 3	Dec. 1	Dec. 29	Jan. 26	Feb. 23	Mar. 23	Mar. 30	Apr. 6	Apr. 13	Apr. 20	Apr. 27
Total: <sup>2</sup>																	
1934-35.....	220	178	134	126	129	135	135	129	202	307	525	646	173	174	158	154	174
1933-34.....	230	202	145	147	129	130	125	157	172	210	227	225	64	63	58	64	52
1932-33.....	277	216	141	137	160	179	146	221	241	362	307	393	89	95	75	81	66
1931-32.....	513	338	244	250	258	244	225	279	230	314	327	295	112	69	94	74	69
N. E. and M. Atl.:																	
1934-35.....	41	42	26	39	28	23	25	33	44	42	52	111	32	35	22	38	39
1933-34.....	39	44	34	48	45	27	25	39	38	39	40	42	8	11	9	8	12
1932-33.....	74	74	38	42	43	56	45	56	43	58	59	63	15	17	24	16	8
1931-32.....	116	89	85	86	84	84	68	69	71	91	83	70	33	20	24	25	18
E. N. C.:																	
1934-35.....	59	54	42	36	39	44	37	27	44	79	120	149	49	50	46	44	56
1933-34.....	89	79	51	30	23	23	32	41	45	60	58	58	27	21	11	24	10
1932-33.....	75	57	43	52	49	48	35	75	81	115	86	137	32	36	17	30	29
1931-32.....	170	112	73	62	58	66	55	62	85	105	89	96	41	13	33	21	15
W. N. C.:																	
1934-35.....	34	23	12	14	21	18	15	15	27	33	81	90	22	22	16	15	17
1933-34.....	34	25	13	16	12	9	6	17	18	16	31	26	10	6	11	4	12
1932-33.....	25	23	11	18	19	16	15	30	53	39	63	10	12	6	12	10	10
1931-32.....	48	36	21	21	23	28	27	21	25	23	39	27	10	5	8	3	6
S. Atl.:																	
1934-35.....	21	13	16	16	12	17	10	22	25	54	93	121	30	32	25	21	21
1933-34.....	17	16	15	16	15	23	22	27	33	25	24	29	10	6	11	14	2
1932-33.....	32	20	12	17	14	12	13	15	29	41	43	26	8	6	9	7	9
1931-32.....	60	41	22	22	22	16	16	35	24	32	29	34	10	18	8	6	8
E. and W. S. C.:																	
1934-35.....	51	23	15	19	18	20	29	19	35	67	124	114	28	15	33	25	24
1933-34.....	35	21	20	25	14	27	22	20	19	48	47	51	4	11	12	8	10
1932-33.....	35	24	20	17	24	25	21	23	34	68	56	60	14	17	16	9	7
1931-32.....	75	40	27	42	32	23	32	46	41	33	53	30	9	8	13	13	12
M. and Pac.:																	
1934-35.....	14	13	23	12	11	8	18	14	27	32	55	61	12	20	16	11	17
1933-34.....	16	17	12	12	15	12	18	13	19	22	27	19	3	6	4	6	6
1932-33.....	36	18	17	11	12	19	16	37	27	27	25	44	10	7	3	7	5
1931-32.....	44	21	16	27	34	27	27	46	34	30	34	39	9	5	3	6	10

<sup>1</sup> See Public Health Reports for Apr. 12, 1935, p. 504, for a similar table by weeks from Dec. 2, 1934, to Mar. 30, 1935.

<sup>2</sup> Exclusive of Nevada.

**Measles.**—The number of cases of measles rose from approximately 132,000 for the preceding 4 weeks to about 142,000 for the 4 weeks ended April 20. The disease was still quite prevalent in the New England and Middle Atlantic, East North Central, and Pacific regions; a definite decline appeared in the West North Central, South Atlantic, and East South Central sections; and the West South Central and Mountain regions reported approximately the same incidence as for the preceding period.

Compared with recent years the current incidence was about 10 percent in excess of that for the corresponding period last year, when the number of cases exceeded by approximately 30,000 the peak incidence of 1926, a year in which measles was unusually prevalent. For this period in the years 1933 and 1932, 72,322 and 61,868 cases, respectively, were reported. In each of the North Central sections

the number of cases was more than twice that for last year, and other areas reported about 25 percent increases. In the South Atlantic and South Central regions, where the disease was unusually prevalent last year, the numbers of cases were about 20 and 40 percent, respectively, of last year's figures.

*Scarlet fever.*—For the country as a whole, the current wave of scarlet fever apparently reached its peak during the week ended March 30, with a total of 8,495 cases, and declined rapidly during the following 3 weeks. However, for the 4 weeks ended April 20, more cases (31,108) were reported than in the corresponding period of any of the 7 years for which data are available. Each geographic region except the East and West South Central reported an excess over the corresponding period last year, the increases ranging from 10 percent in the New England to more than 5 times last year's figure in the Mountain region. States in which the disease has been most prevalent are Illinois (5,205 cases), Wisconsin (1,832), Minnesota (1,131), Colorado (967), Utah (430), and the District of Columbia (395). The South Central regions reported the lowest incidence in recent years.

*Influenza.*—The number of cases of influenza dropped more than 50 percent from the preceding 4-week period. For the 4 weeks ended April 20 there were 6,922 cases reported, representing about a 5-percent decrease from last year's figure for the corresponding period and an increase of about 30 percent over 1933. In most of the geographic areas the reports approximated the expected number for this season of the year.

*Typhoid fever.*—The number of cases of typhoid fever reported for the 4 weeks ended April 20 was 568. For this period in the years 1934, 1933, and 1932 the numbers of cases totaled 624, 604, and 664, respectively. The East North Central and South Central areas reported slight increases over last year's figures, but in all other sections the current incidence was considerably below that of last year. Illinois, with 37 cases, and Louisiana and Texas, with 70 and 38 cases, respectively, seemed mostly responsible for the increases in those sections.

*Diphtheria.*—The steady decline of diphtheria continued. For the country as a whole, 2,193 cases were reported for the current 4-week period, or about 85 percent of last year's figure for the corresponding period. All regions were low in relation to last year except the East North Central and Mountain. In the former section the increase was approximately 30 percent over last year, while in the latter area it was less than 10 percent.

*Poliomyelitis.*—The incidence of poliomyelitis continued to decline. For the 4 weeks ended April 20 there were 77 cases, as compared with 91 for the corresponding period last year and 54 in 1933. The disease

was considerably less prevalent in the East North Central region and also in the Mountain and Pacific areas than it was last year, but in all other sections it remained at about the 1934 level. At this time last year the number of cases reported from the Mountain and Pacific regions was somewhat higher than the normal expectancy, and marked, as it later developed, the beginning of an epidemic in California and adjacent States.

*Smallpox.*—Of a total of 739 cases of smallpox reported for the 4 weeks ended April 20, Texas had 139, Nebraska 123, Wisconsin 111, Kansas 61, Washington 60, Wyoming 35, Iowa and Colorado 27 each. The remaining cases (146) were widely distributed over the various geographic areas, no State reporting more than a normal incidence. The current incidence was about 10 percent in excess of that for the corresponding period last year and 10 percent below that of 1933. Only 1 section, the West North Central, which contains 2 of the States mentioned above, showed any significant increase over last year. No cases were reported from the New England and Middle Atlantic States, and the East North Central, South Central, and South Atlantic regions reported the lowest incidence in recent years.

*Mortality, all causes.*—The average mortality rate from all causes in large cities, as reported by the Bureau of the Census, for the 4 weeks ended April 20 was 12.0 per 1,000 inhabitants (annual basis). For the corresponding periods in 1934, 1933, 1932, and 1931 the rates were 12.4, 11.3, 12.5, and 12.9, respectively.

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## CITY HEALTH OFFICERS, 1934

### 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 Reports <sup>1</sup> for each year from 1916 to 1933, except 1932, 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 populations of 10,000 or more according to the 1930 census.

The asterisk (\*) indicates that the officer before whose name it appears 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 of his time to official duties."

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<sup>1</sup> Reprints nos. 346, 416, 494, 539, 590, 702, 767, 876, 930, 1025, 1103, 1177, 1257, 1333, 1426, 1521, and 1613 from the Public Health Reports.

City	Name of health officer	Official title
<b>Alabama:</b>		
Anniston.....	*Robert V. Hazlewood, D. V. M.	Director of sanitation.
Bessemer.....	*J. D. Dowling, M. D.	County health officer.
Birmingham.....	*L. R. Murphree, M. D., C. P. H.	Do.
Decatur.....	*F. G. Granger, M. D.	Do.
Dothan.....	*J. D. Dowling, M. D.	Do.
Fairfield.....	*W. D. Hubbard, M. D.	County and city health officer.
Florence.....	*C. L. Murphree, M. D.	County health officer.
Gadsden.....	*W. C. Hatchett, M. D.	Do.
Huntsville.....	*O. L. Chason, M. D., D. P. H.	Do.
Mobile.....	*J. L. Bowman, M. D.	Do.
Montgomery.....		
Phenix.....		
Selma.....	*L. T. Lee, M. D.	Do.
Tuscaloosa.....	*A. A. Kirk, M. D.	County and city health officer.
<b>Arizona:</b>		
Phoenix.....	B. M. Berger, M. D.	City health officer.
Tucson.....	*Lewis H. Howard, M. D.	Health officer.
<b>Arkansas:</b>		
Blytheville.....	Isaac R. Johnson, M. D.	City health officer.
El Dorado.....	Fergus O. Mahony, M. D.	Do.
Fort Smith.....	*J. E. Johnson, M. D.	District health officer.
Hot Springs.....	*James F. Merritt, M. D.	County and city health officer.
Jonesboro.....	R. C. Shanlever, M. D.	City health officer.
Little Rock.....	V. T. Webb, M. D.	Do.
North Little Rock.....	V. L. Eason, M. D., D. P. H.	Health officer and city physician.
Pine Bluff.....	*Walter Hugh Bruce, M. D.	Director.
Texarkana.....	Harry E. Murry, M. D.	City health officer.
<b>California:</b>		
Alameda.....	Francis B. Galbraith, M. D.	Health officer and city physician.
Alhambra <sup>1</sup> .....	*Samuel J. Stewart, M. D.	District health officer.
Anaheim.....		
Bakersfield.....	Peter J. Cuneo, M. D.	City health officer.
Berkeley.....	*Frank L. Kelly, M. D., D. P. H.	Health officer.
Beverly Hills.....	Charles F. Nelson, M. D.	Do.
Brawley.....	John L. Parker, M. D.	City health officer.
Burbank.....	Thomas H. Ransom, M. D.	Executive and consulting physician.
Burlingame.....	M. F. Desmond, M. D.	City health officer.
Compton <sup>1</sup> .....		
Eureka.....	William J. Quinn, M. D.	Health officer.
Fresno.....	C. Mathewson, M. D.	City health officer.
Fullerton.....	*K. H. Sutherland, M. D.	County health officer.
Glendale <sup>1</sup> .....	F. A. Wilmot, M. D., D. P. H.	District health officer.
Huntington Park <sup>1</sup> .....	*George M. Malkin, M. D.	Do.
Inglewood <sup>1</sup> .....	*J. W. Robinson, M. D.	Deputy health officer.
Long Beach.....	*S. G. Arnold, M. D.	Health officer.
Los Angeles.....	*George Parrish, M. D.	Do.
	*George M. Stevens, M. D.	Epidemiologist and first assistant health officer.
	*G. F. Schmelzel, M. D.	Chief deputy health officer.
	*A. L. Peterson.....	Executive assistant.
	Divisional directors:	
	*Charles F. Kiley.....	Chief accountant.
	*J. L. Lanigan.....	Secretary to health board.
	*Harry Cohn, M. D.	Director of tuberculosis.
	*Agnes M. Talcott.....	Director of nurses.
	*F. W. Peterson.....	Director of vital statistics.
	*John Carman.....	Chief chemist.
	*Mona Bettin, M. D.	Chief bacteriologist.
	*Morris S. Siegel.....	Director of housing and sanitation.
	*G. L. Clark, D. V. M.	Director of milk and meat inspection.
	*H. Manning Elliott, M. D.	Director of venereal clinic (male).
	*Emily F. Balcom, M. D.	Director of venereal clinic (female).
	*Lyle McNeile, M. D.	Director, maternity division.
	*C. K. Stewart.....	Director of rodent division.
	*J. M. Cain.....	Director of quarantine and morbidity division.
	*L. V. Dieter, D. Phar.	Director of laboratories.
	*Lillian Kositz, M. D.	Director, child hygiene division.
Modesto.....	*Elwyn F. Reamer, M. D.	County health officer.
Monrovia <sup>1</sup> .....	*J. M. Furtzman, M. D.	District health officer.
Oakland.....	*N. N. Ashley, M. D.	Health officer.
Ontario.....	Calvert L. Emmons, M. D.	Do.
Palo Alto.....	*Louis Olsen, S. E.	Do.
Pasadena.....	*Wilton L. Halverson, M. D., Dr. P. H.	Do.
Pomona <sup>1</sup> .....	*M. U. Stoneman, M. D.	District health officer.
Redlands.....	F. H. Folkins, M. D.	City health physician.
Richmond.....	Charles R. Blake, M. D.	Commissioner of health.
Riverside.....	Wendell A. Jones, M. D.	Do.

<sup>1</sup> Under supervision of Dr. J. L. Pomeroy, health officer of Los Angeles County, Hall of Justice, Los Angeles, Calif.

City	Name of health officer	Official title
California—Continued.		
Sacramento.....	*Herbert F. True, M. D.....	City health officer.
Salinas.....	*Marie K. Fidel P. H. N.....	Do.
San Bernardino.....	Walter D. Lenker, M. D.....	Do.
San Diego.....	*Alex M. Lesem, M. D.....	Director of health.
San Francisco:	Health advisory board:	
Department of public	Lawrence Arnstein, Chairman.	
health—	Howard Adler, M. D.	
	Frank J. Klimm.	
	T. J. Lenehan.	
	F. H. McKevitt, D. D. S.	
	J. W. Ward, M. D.	
	W. W. Wymore, M. D.	
	*J. C. Geiger, M. D.....	Director of public health.
	*Jacques P. Gray, M. D.....	Assistant director of public health.
	*C. M. Wollenberg.....	Director of institutions—Superintendent, Laguna Honda Home.
	*L. M. Wilbor, M. D.....	Superintendent, San Francisco Hospital.
	*Myra W. Kimball, R. N.....	Superintendent, Hassler Health Home.
	Edmund Butler, M. D.....	Chief surgeon, Emergency Hospital Service.
	George K. Rhodes, M. D.....	Assistant chief surgeon, Emergency Hospital Service.
	*James I. O'Dea.....	Chief steward, Emergency Hospital Service.
	*P. R. Hennessy.....	Senior accountant.
	George H. Becker, M. D.....	Director, bureau of communicable diseases.
	R. W. Burlingame, M. D.....	Resident physician, isolation division, San Francisco Hospital, and director division of venereal disease control.
	W. R. P. Clark, M. D.....	Director, division of tuberculosis control.
	*Paul S. Barrett, M. D.....	Director, bureau of child hygiene.
	*Ernestine Schwab, P. H. N.....	Director of field nursing.
	R. Grosso, D. D. S.....	Chief dental surgeon.
	Olga Bridgman, M. D.....	Chief, division of mental hygiene.
	*T. P. Lydon.....	Director, bureau of food and milk.
	*J. J. Burke.....	Chief, food inspection.
	*B. Q. Engle.....	Chief, pasteurizing plant inspection.
	*C. G. Hansen.....	Chief, meat and market inspection.
	*G. A. Melody, D. V. M.....	Chief, dairy inspection.
	*C. G. Hyde, C. E.....	Consultant in public health engineering.
	*A. B. Crowley.....	Chief, industrial hygiene division.
	*H. P. Thyle.....	Chief, housing inspection division.
	*W. D. Hobro.....	Chief, plumbing inspection division.
	*Annie D. MacRae, M. D.....	Director of laboratories.
	*Clinton Davis.....	Chief chemist.
San Jose.....	*Henry C. Brown, M. D.....	Health officer.
San Leandro.....	*I. O. Church, M. D.....	County health officer.
San Mateo.....	James A. Warberton, M. D.....	City health officer.
Santa Ana.....	*K. H. Sutherland, M. D.....	Do.
Santa Barbara.....	*Roscoe C. Main, M. D.....	Health officer.
Santa Cruz.....	John T. Harrington, M. D.....	City health officer.
Santa Monica <sup>1</sup> .....	*F. G. Crandall, M. D.....	District health officer.
Santa Rosa.....	*E. J. Helgren, B. S. B.....	Health officer.
South Gate <sup>1</sup> .....	*J. L. Pomeroy, M. D.....	County health officer.
South Pasadena.....	E. J. Johnston, M. D.....	Health officer.
Stockton.....	*John J. Sippy, M. D.....	District health officer.
Vallejo.....	Edward A. Peterson, M. D.....	City health officer.
Ventura.....	John A. DeSerpa, D. V. M.....	Health officer.
Whittier <sup>1</sup> .....	*Reuben Louis Kaufman, M.D., C. P. H.....	District health officer.
Colorado:		
Boulder.....	*H. L. Morency, Ph. B., D. V. M.....	Director of public health and sanitation.
Colorado Springs.....	Omer Rand Gillett, M. D.....	Health officer.
Denver.....	B. B. Jaffa, M. D.....	Do.
Fort Collins.....	T. C. Taylor, M. D.....	Do.
Grand Junction.....	E. H. Munro, M. D.....	City physician.
Greeley.....	W. A. Schoen, M. D.....	Do.
Pueblo.....	*W. E. Buck, M. D.....	Chief, department of health.
Trinidad.....	B. M. Cowley, M. D.....	City physician.
Connecticut:		
Ansonia.....	William H. O'Neil, M. D.....	Health officer.
Bridgeport.....	*Richard O'Brien Shea, M. D.....	Do.
Bristol.....	B. B. Robbins, M. D.....	City health officer.
Danbury.....	James F. Young, M. D.....	Do.
Derby.....	Thomas F. Plunkett, M. D.....	Health officer.

<sup>1</sup> Under supervision of Dr. J. L. Pomeroy, health officer of Los Angeles County, Hall of Justice, Los Angeles, Calif.

City	Name of health officer	Official title
<b>Connecticut—Continued.</b>		
East Hartford	Francis W. Becker, M. D.	Health officer.
Enfield	Frank F. Simonton, M. D.	Do.
Fairfield	*Lawrence Earl Poole, M. D., Dr. P. H.	Health officer and school physician.
Groton	Frank Wm. Hewes, M. D.	Health officer.
Hamden		
Hartford	*Charles Porter Botsford, M. D.	Superintendent of health.
Manchester	D. C. Y. Moore, M. D.	Chairman, board of health.
Meriden	Joseph A. Cooke, M. D.	Health officer.
Middletown	John H. Mountain, M. D., D. D. S.	Do.
Milford		
Naugatuck		
New Britain	*Louis J. Dumont, M. D.	Superintendent of health.
New Haven	*Leonard Greenburg, C. E., Ph. D., M. D.	Health officer.
New London	*Benjamin N. Pennell, D. V. S.	Health officer.
Norwalk	Robert E. Perdue, M. D.	Do.
Norwich	Harrison Gray, M. D.	Do.
Shelton	Francis I. Nettleton, Ph. B., M. D.	Commissioner of health.
Stamford	*Raymond D. Fear, M. D., D. P. H.	Health commissioner.
Stonington		
Stratford	DeRuyter Howland, M. D.	Town health officer.
Torrington	Elias Pratt, M. D.	Health officer.
Wallingford		
Waterbury	Edward J. Godfrey, M. D.	Do.
West Hartford	*Harry B. Smith, M. D.	Superintendent of health.
Willimantic	Nathan Spector, M. D.	City health officer.
<b>Delaware:</b>		
Wilmington	James W. Butler, M. D.	Secretary, board of health.
<b>District of Columbia:</b>		
Washington	*George C. Ruhland, M. D.	Health officer.
	*Arthur G. Cole	Chief clerk and deputy health officer.
Bureau of preventable diseases.	*James G. Cumming, M. D.	Director.
Medical inspection of schools.	*Joseph A. Murphy, M. D.	Do.
Food inspection	*Reid R. Ashworth, D. V. S.	Do.
Sanitary inspection	*J. Frank Butts, LL. B.	Do.
Vital statistics	*John H. Milligan	Do.
Chemical laboratory	*John B. Reed	Do.
Bacteriological laboratory	*John E. Noble	Do.
Serological laboratory	*Jesse P. Porch, D. V. M.	Do.
Child welfare and hygiene service.	*Hugh J. Davis, M. D.	Do.
Pound	*Walter R. Smith	Poundmaster.
<b>Florida:</b>		
Daytona Beach	*Simon Reed	Health officer.
Gainesville	W. Lassiter, M. D.	City health officer.
Jacksonville	*N. A. Upchurch, M. D.	Health officer.
Key West	H. C. Galey, M. D.	City health officer.
Lakeland	J. D. Griffin, M. D.	City physician and health officer.
Miami	*George N. McDonell, M. D.	Director of public health.
Orlando	C. D. Christ, M. D.	City health officer.
Pensacola		
St. Augustine	Herbert E. White, M. D.	City and county health officer.
St. Petersburg	Claude B. Wright, M. D.	City physician.
Sanford	Julian N. Tolar, M. D.	City health officer.
Tallahassee	*L. J. Graves, M. D.	Do.
Tampa	*J. R. McEachern, M. D.	Do.
West Palm Beach	W. E. Van Landingham, M. D.	Do.
<b>Georgia:</b>		
Albany	*Hugo Robinson, Ph. G., M. D.	Commissioner of health, city and county.
Athens	*Wedford W. Brown, M. D.	Do.
Atlanta	*John P. Kennedy, M. D.	City health officer.
Augusta	*Henry Grady Callison, M. D.	Commissioner of health.
Brunswick	*M. E. Winchester, M. D., Dr. P. H.	Do.
Columbus	W. E. Mayher, M. D.	Health officer and city physician.
Decatur	H. Homer Allen, M. D.	City physician.
Griffin	*W. C. Humphries, M. D.	Commissioner of health.
Lagrange	*S. C. Rutland, M. D.	Health officer.
Macon	*J. D. Applewhite, M. D.	Do.
Rome	*B. V. Elmore, M. D.	Commissioner of health.
Savannah	*Victor H. Bassett, M. D.	Do.
Thomasville	*H. B. Jenkins, M. D., M. S. P. H.	Do.
Valdosta	*Gordon T. Crozier, M. D., Dr. P. H.	Do.
Waycross	*George E. Atwood, M. D., D. P. H.	Do.

City	Name of health officer	Official title
<b>Idaho:</b>		
Boise.....	*W. H. Rhodes.....	Health officer.
Pocatello.....	*W. L. Raymond.....	Sanitary inspector.
<b>Illinois:</b>		
Alton.....	William S. McGinnis, M. D.....	Health commissioner.
Aurora.....	George W. Haan, M. D.....	Health commissioner and registrar.
Belleville.....	*Frank T. Kern.....	Health officer.
Berwyn.....	*Edward J. Farrell, M. D.....	Health director.
Bloomington.....	B. Markowitz, M. D.....	Do.
Blue Island.....	*L. A. Burkhardt.....	Commissioner of health.
Brookfield.....	Harriet L. Heckendorf, R. N.....	Health commissioner.
Cairo.....	C. L. Weber, M. D.....	Health officer.
Calumet City.....	E. S. O'Brien, M. D.....	Health commissioner.
Canton.....	J. C. Simmons, M. D.....	City physician.
Centralia.....	H. E. Wilson, M. D.....	Health officer.
Champaign.....	C. George Appelle, M. D.....	City health officer.
Chicago.....	*Herman N. Bundesen, M. D.....	President, board of health.
	H. O. Jones, M. D.....	Director, medical service.
	Louis E. Schmidt, M. D.....	Secretary.
	F. O. Tonney, M. D.....	Director, technical service and research.
Bureau of communicable diseases.....	Isaac D. Rawlings, M. D.....	Chief of bureau.
Bureau of child welfare.....	Henry C. Niblack, M. D.....	Do.
Bureau of laboratories and research.....	John L. White, M. D.....	Do.
Bureau of public health engineering.....	Joel I. Connolly.....	Do.
Bureau of dairy products.....	Henry C. Becker, M. D. V.....	Do.
Bureau of food inspection.....	J. P. Kilcourse.....	Do.
Chicago Heights.....	Ira C. Harman, M. D.....	Health commissioner.
Cicero.....	Frank J. Pokorney, P. H. G., M. D.....	Commissioner of health.
Danville.....	E. B. Cooley, M. D.....	Director of health.
Decatur.....	*W. M. Talbart, M. D.....	City physician.
East Moline.....	J. Henry Fowler, M. D.....	Do.
East St. Louis.....	*A. P. Lauman, Sr.....	Commissioner of health and safety.
Elgin.....	*A. L. Mann, M. D.....	City physician and executive officer.
Elmhurst.....	A. L. Mathis, M. D.....	Health commissioner.
Elmwood Park.....	*Mrs. Laura Arney, C. P. H. N.....	President, board of health.
Evanston.....	*John W. Pollard, B. L. M. D.....	Commissioner of health.
Forest Park.....	William C. Masslow, M. D.....	Do.
Freeport.....	Karl B. Rieger, M. D.....	Do.
Galesburg.....	E. D. Wing, M. D.....	Do.
Granite City.....	*A. M. Jennings.....	Mayor and chairman of board of health.
Harrisburg.....	Charles Walden, M. D.....	City physician.
Harvey.....	M. R. Morse, M. D.....	Health officer.
Highland Park.....	Donald E. Rossiter, M. D.....	President, board of health.
Jacksonville.....	T. O. Hardesty, M. D.....	County health officer.
Joliet.....	*Lloyd B. Andrew, M. D.....	Health commissioner.
Kankakee.....	Joseph A. Guertin, M. D.....	Do.
Kewanee.....	H. N. Heflin, M. D.....	Do.
La Grange.....	T. C. McDougal, M. D.....	Village health officer.
La Salle.....	*Arlington Ailes, M. D., C. P. H.....	Health commissioner.
<b>Lincoln</b>		
Mattoon.....	Lovell A. Neal, M. D.....	Commissioner of health.
Maywood.....	John Peters, M. D.....	Do.
Melrose Park.....	*Edmund G. Brust, M. D.....	Do.
Moline.....	Carl A. Peterson, M. D.....	City physician.
Mount Vernon.....	W. G. Parker, M. D.....	Do.
Oak Park.....	Frank S. Needham, M. D.....	Commissioner of health.
Ottawa.....		
Park Ridge.....	Martin W. Caveney, M. D.....	Health commissioner.
Pekin.....	Nelson A. Wright, Jr., M. D.....	Health officer.
Peoria.....	E. A. Garrett, M. D.....	Commissioner of health.
<b>Quincy</b>	*H. O. Collins, M. D.....	Public health officer.
Rock Island.....	H. W. Shuman, M. D.....	City physician.
Rockford.....	*N. C. Bullock, M. D.....	Commissioner of health.
Springfield.....	C. W. Milligan, M. D.....	Superintendent of health.
Sterling.....	Walter I. Carolus, M. D.....	City health officer.
Streator.....		
Urbana.....	Willard L. Veirs, M. D.....	Chairman, board of health.
<b>Waukegan</b>	John D. Foley, M. D.....	Health commissioner.
West Frankfort.....		
Wilmette.....	Martin H. Seifert, M. D., P. H. G.....	Do.
Winnetka.....	*Howard A. Orvis, M. D., M. S. in P. H.....	Health officer.
<b>Indiana:</b>		
Anderson.....	George B. Metcalf, M. D.....	Secretary, city board of health.
Bedford.....	Charles Blackburn.....	City health officer.
Bloomington.....	R. A. De Motte, M. D.....	Secretary, city board of health.
Connersville.....	Herman W. Smelser, M. D.....	County health commissioner.



City	Name of health officer	Official title
<b>Indiana—Continued.</b>		
Crawfordsville	Fred N. Daugherty, M. D.	Secretary, board of health.
East Chicago	J. A. Toogarden, M. D.	Do.
Elkhart	I. J. Markel, M. D.	Do.
Elwood	Frank V. Newcomer, M. D.	Do.
Evansville	L. E. Fritsch, M. D.	Do.
Fort Wayne	Karl C. Eberly, M. D.	Health commissioner.
Frankfort	A. G. Chittick, M. D.	Secretary, board of health.
Gary	Walter M. Behn, M. D.	Do.
Goshen	G. A. Whippy, M. D.	City health officer.
Hammond	H. G. Cole, M. D.	Health commissioner.
Huntington	Dan DeLargy Bowers, M. D.	County commissioner of health.
Indianapolis	*H. G. Morgan, M. D.	Health commissioner.
Jeffersonville	Samuel L. Adair, M. D.	Secretary, city board of health.
Kokomo	W. J. Marshall, M. D.	Do.
La Fayette	M. M. Lairy, M. D.	Do.
La Porte	Jon Nelson Kelly, M. D.	Health officer.
Logansport	*Louis P. Deuner	Do.
Marion	L. H. Eshleman, M. D.	Secretary, board of health.
Michigan City	L. M. Robrock, M. D.	Health officer.
Mishawaka	M. D. Wygant, M. D.	Secretary, board of health.
Muncie	J. H. Williams, M. D.	Do.
New Albany	Anna I. McKamy, Ph. D., M. D.	Do.
Newcastle	Walter M. Stout, M. D.	Do.
Peru	W. H. Wagoner, M. D.	Do.
Richmond	M. F. Johnston, M. D.	Health commissioner.
Shelbyville	Walter C. McFadden, M. D.	Secretary, city board of health.
South Bend	John B. Berteling, M. D.	Do.
Terre Haute	Amos H. Caffee, M. D.	Do.
Vincennes	Robert G. Moore, M. D.	Do.
Whiting	D. B. Reeve, M. D.	Do.
<b>Iowa:</b>		
Ames	B. D. Atchley, M. D.	City health officer.
Boone	William Woodburn, M. D.	Do.
Burlington	Arthur C. Schach, M. D.	City physician.
Cedar Rapids	*James Yanda	City health officer.
Clinton	Frank A. Hohenschuh, M. D.	Do.
Council Bluffs	J. M. Moskovitz, M. D.	Do.
Davenport	George Braunlect, Ph. B., M. D.	City physician.
Des Moines	Harry E. Ransom, M. D.	Health commissioner.
Dubuque	Walter J. Connell, M. D., M. P. H.	Health director.
Fort Dodge	J. E. Galvin, M. D.	City physician.
Fort Madison	Harold F. Noble, M. D.	Do.
Iowa City	Isom A. Rankin, M. D.	City health officer.
Keokuk	Charles A. Dimond, M. D.	Physician to board of health.
Marshalltown	R. S. Grossman, M. D.	City health officer.
Mason City	C. M. Franchere, M. D.	City health director.
Muscatine		
Newton	M. R. Hammer, M. D.	City physician.
Oskaloosa	Oscar J. Du Bois, D. O.	City health officer.
Ottumwa	William Herrick, M. D.	Do.
Sioux City	*W. S. Petty, M. D.	Director, Woodbury County health unit.
Waterloo	J. E. Ridenour, M. D.	City health officer.
<b>Kansas:</b>		
Arkansas City	P. F. Theis, M. D.	Do.
Atchison	William K. Fast, M. D.	City and county health officer.
Chanute	Ralph A. Light, M. D.	City health officer.
Coffeyville	P. S. Townsend, M. D.	City physician.
Dodge City		
Eldorado	*Jack Loman	Sanitary inspector.
Emporia	*C. H. Munger, M. D.	County health officer.
Fort Scott	C. L. Mosley, M. D.	City health officer.
Hutchinson	Guy R. Walker, M. D.	City physician.
Independence	Enoch C. Wickersham, M. D.	Secretary, county board of health.
Kansas City	H. W. Kassel, M. D.	Director of health.
Lawrence	James M. Mott, M. D.	Superintendent of public health.
Leavenworth	A. L. Suwalsky, M. D.	City physician.
Manhattan	Darrel L. Evans, M. D.	City health officer.
Newton	M. C. Martin, M. D.	County health officer.
Parsons	M. C. Ruble, M. D.	City health officer.
Pittsburg	C. Mart Montee, M. D.	Do.
Salina	S. T. Blades, M. D.	County health officer.
Topeka	*F. P. Helm, M. D.	City health officer.
Wichita	J. E. Wolfe, M. D.	Director of public welfare.
<b>Kentucky:</b>		
Ashland	*R. D. Higgins, M. D.	Director, Boyd County health department.
Bowling Green	*G. M. Wells, M. D.	Director, Warren County health department.
Covington	Theo. Sallee, M. D.	City health officer.
Fort Thomas	Frank H. Southgate, M. D.	Do.
Frankfort	R. M. Coblin, M. D.	Do.
Henderson	*Robert K. Galloway, M. D., M. P. H.	County health officer.

City	Name of health officer	Official title
<b>Kentucky—Continued.</b>		
Hopkinsville.....	Philip E. Haynes, M. D.....	City health officer.
Lexington.....	*Dennis A. Furlong.....	Acting health officer.
Louisville.....	Hugh Rodman Leavell, M. D.....	Director of public health.
Middlesboro.....		
Newport.....	John Todd, M. D.....	City health officer.
Owensboro.....	A. L. Kincheloe, M. D.....	Daviess County health officer.
Paducah.....	R. W. Robertson, M. D.....	City health officer.
<b>Louisiana:</b>		
Alexandria.....	R. B. Wallace, M. D.....	President, city board of health.
Baton Rouge.....	T. J. McHugh, M. D.....	City health officer.
Bogalusa.....	J. H. Slaughter, M. D.....	City physician.
Lafayette.....	Georges Armand Martin, Ph. G., M. D.....	Do.
Lake Charles.....	W. P. Bordelon, M. D.....	President, board of health.
Monroe.....	*Henry Haas.....	Superintendent, city sanitary depart- ment.
New Orleans.....	*William Henry Robin, M. D.....	Superintendent of public health.
Shreveport.....	*W. J. Sandidge, M. D.....	Do.
<b>Maine:</b>		
Auburn.....	E. Leathers, M. D.....	Health officer.
Augusta.....	George A. Coombs, M. D.....	Do.
Bangor.....	*Harry D. McNeil, M. D.....	Do.
Bath.....	Joseph I. Smith, M. D.....	Do.
Biddeford.....	*John W. Mahoney.....	Local health officer.
Lewiston.....	*Robert J. Wiseman, Jr., M. D.....	Health officer.
Portland.....	*Thomas Tetreau, M. D.....	City health officer.
Sanford.....	*William H. Kelly, M. D.....	Local health officer.
South Portland.....	Roderick L. Huntress, M. D.....	Health officer.
Waterville.....	*Arthur R. Daviau, M. D.....	Do.
Westbrook.....	Patrick H. Welch.....	Local health officer.
<b>Maryland:</b>		
Annapolis.....	James J. Murphy, M. D.....	City health officer.
Baltimore:		
Administration.....	*Huntington Williams, M. D., Dr. P. H.....	Commissioner of health.
	*William H. F. Warthen, M. D.....	Assistant commissioner of health.
	*Harry S. Mustard, M. D.....	Health officer, eastern health district.
<b>Medical section:</b>		
Bureau of communi- cable diseases.....	*Adolph Weinzirl, M. D.....	Epidemiologist.
Sydenham hospital.....		
Bureau of tuberculosis.....	*Myron G. Tull, M. D.....	Superintendent.
Bureau of venereal dis- eases.....	Bartus T. Baggott, M. D.....	Director.
Bureau of child welfare.....	*Ferdinand O. Reinhard, M. D.....	Do.
Division of school hy- giene.....	*William K. Skilling, M. D.....	Do.
Dental clinics.....	H. Warren Buckler, M. D.....	Chief.
Laboratories.....	Morris Cramer, D. D. S.....	Supervisor.
Public health nursing.....	*C. Leroy Ewing.....	Director.
<b>Sanitary section:</b>	*Jane B. Laib, R. N.....	Do.
Bureau of milk control.....	*R. S. Craig.....	Do.
Bureau of food control.....	*John A. Lescure.....	Do.
Bureau of meat inspec- tion.....	*Ferdinand A. Korff.....	Do.
Bureau of environ- mental hygiene.....	*William Brenner, V. D.....	Chief.
<b>Cumberland.....</b>	*Wilmer H. Schulze, Phar. D.....	Director.
	*Harvey H. Weiss.....	Health officer and registrar of vita- statistics.
Frederick.....	*Elmer C. Kefauver, M. D.....	City health officer.
Hagerstown.....	*W. Ross Cameron, M. D.....	Do.
Salisbury.....	*S. H. Hurdle, M. D.....	Deputy State health officer.
<b>Massachusetts:</b>		
Adams.....	James F. McLaughlin, M. D.....	Chairman, board of health.
Amesbury.....	Clarence S. Morse.....	Agent, board of health.
Arlington.....	*William H. Bradley.....	Do.
Athol.....	Marion B. Sitley, M. D.....	Secretary, board of health.
Attleboro.....	William O. Hewitt, M. D.....	Health officer.
Belmont.....	*Thomas F. Harris.....	Agent, board of health.
Beverly.....	*Alonzo O. Woodbury.....	Clerk and agent, board of health.
Boston.....	*Francis X. Mahoney, D. V. M., M. D.....	Health commissioner.
	*Joseph A. Cahalan.....	Secretary.
<b>Divisions:</b>		
Medical.....	*M. Victor Safford, M. D.....	Deputy commissioner.
Communicable diseases.....	*Frederick J. Bailey, M. D.....	Do.
Bacteriological labora- tory.....	*Karl R. Bailey, M. D.....	Do.
Food.....		
Child hygiene.....	*P. H. Mullooney, D. V. M.....	Do.
Sanitary.....	Charles F. Willinsky, M. D.....	Do.
Tuberculosis.....	*M. Victor Safford, M. D.....	Acting deputy commissioner.
Vital statistics.....	*George O'Donnell, M. D.....	Deputy commissioner.
<b>Brantree.....</b>	*Joseph W. Monahan.....	Do.
	Mortimer N. Peck.....	Agent, board of health.

City	Name of health officer	Official title
<b>Massachusetts—Continued.</b>		
Brockton	David B. Tuholski, M. D.	Health officer.
Brookline	Francis Parkman Denny, M. D.	Do.
Cambridge	Simon B. Kelleher, M. D.	Medical inspector.
Chelsea	*John F. Welch	Health officer.
Chilcopee	*Gertrude M. De Witt	Agent, board of health.
Clinton	*Frederick E. Murphy	Health officer.
Danvers	*Hugo Nappe, R. N.	Health officer and milk inspector.
Dedham	Thomas J. Breman	Health inspector.
Easthampton	C. C. Buckner	Agent, board of health.
Everett	*William F. Hogan	Do.
Fairhaven	*W. Fred Delano	Secretary, board of health.
Fall River	*Ernest M. Morris, M. D.	Health commissioner.
Fitchburg	*Fred R. Brigham	Agent, board of health.
Framingham	*David Moxon, C. P. H.	Do.
Gardner		
Gloucester	George S. Rust, M. D.	Physician to board of health.
Greenfield	*George P. Moore	Agent, board of health.
Haverhill		
Holyoke	*Daniel P. Hartnett	Health officer.
Lawrence	*Daniel J. Costello	Clerk, board of health.
Leominster	Hugh E. Crain	Agent, board of health.
Lowell	*John J. McNamara, M. D., S. E.	Director of health.
Lynn	*James A. Dumas, M. D.	Commissioner of public health.
Malden	*May C. Welsh	Clerk and agent, board of health.
Marlborough		
Medford	William N. Lanigan, M. D.	Medical inspector.
Melrose	Clarence P. Holden, M. D.	Chairman, board of health.
Methuen	John Oddy, M. D.	Board of health physician.
Milford	Clifton Tyler	Secretary, board of health.
Milton	Paul W. Kimball, M. D.	Agent, board of health.
Natick	Charles D. Colford, D. M. D.	Do.
Needham	*G. Donald Buckner, B. S. in P. H.	Health officer.
New Bedford	*William G. Kirschbaum	Agent and executive officer.
Newburyport	*W. N. O'Brien, Ph. C.	Agent, board of health.
Newton	*Francis George Curtis, M. D.	Chairman, board of health.
North Adams	*Douglas W. Hyde, S. E.	Agent, board of health.
North Attleboro	Michael E. Vance, M. D.	Health officer and secretary.
Northampton	*George R. Turner	Agent, board of health.
Norwood	John A. Shannon	Do.
Peabody	*Percy F. Murray	Do.
Pittsfield	*Willys M. Monroe, M. D.	Health commissioner.
Plymouth		
Quincy	Edmund B. Fitz Gerald, M. D.	Health commissioner.
Revere	Francis Licata, M. D.	Chairman, board of health.
Salem	*John J. McGrath	Agent, board of health.
Saugus	Henry O. Westendarp	Chairman, board of health.
Somerville	Frank L. Morse, M. D.	Medical inspector and bacteriologist.
Southbridge	*Albert R. Brown	Agent, board of health.
Springfield	*Jacob R. Sackett	Do.
Stoneham	*George A. Hinchcliffe	Secretary-health officer.
Swampscott	*Clarence W. Horton	Health officer.
Taunton	John I. McNamara, M. D.	Chairman, board of health.
Wakefield	David Taggart	Health officer and agent.
Waltham		
Watertown	*Fred W. Bodge	Health officer.
Webster	Daniel Casay, M. D.	Chairman, board of health.
Wellesley	Curtis M. Hilliard	Supervisor of health.
West Springfield	John J. Lyssaght	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 Dinnien	Agent, board of health.
Winthrop	*William D. Childress	Health officer.
Woburn	*Edward F. Gorman	Agent and secretary, board of health and charities.
Worcester	*Peter Owen Shea, M. D.	Director of health and school hygiene.
<b>Michigan:</b>		
Adrian	W. S. Mackenzie, M. D.	City health officer.
Alpena	Francis J. O'Donnell, M. D.	Health officer.
Ann Arbor	John A. Wessinger, M. D., Dr. P. H.	Do.
Battle Creek	*A. A. Hoyt, M. D.	Health officer and registrar.
Bay City	G. W. Moore, M. D.	Health officer.
Benton Harbor	Edwin Roy Taylor, M. D.	Director of public health.
Dearborn	C. A. Christensen, M. D.	Commissioner of health and sanitation.
<b>Detroit:</b>		
	Board of health:	
	William M. Walker	President.
	William A. Evans, M. D.	Vice President.
	Ledru O. Geib, M. D.	
	Gustavus D. Pope	

City	Name of health officer	Official title
<b>Michigan—Continued.</b>		
<b>Detroit</b> .....	<b>Executive staff, department of health:</b> *Henry F. Vaughan, Dr. P. H. Bert U. Easterbrook, M. D. *Fred M. Meader, M. D. *Don W. Gudakunst, M. D. *Joseph A. Kasper, M. D. A. C. Thompson, D. D. S. *Miss Grace Ross, R. N. Russell W. Alles, M. D. *John F. Roehl. *R. S. Dixon, M. D. Bruce H. Douglas, M. D. *George E. Phillips *Henry S. Williams. *F. Gardner Legg, C. E. *Edward C. Schultz. *Arthur P. Derby. *G. Arthur Blakeslee. *John E. Gordon, M. D.	Commissioner of health. Deputy commissioner. Deputy commissioner and secretary. Deputy commissioner and medical director. Director of laboratories. Director of school dental service. Superintendent of nursing. Director of prenatal division. Director of special investigation. Director, social hygiene division. Tuberculosis controller. Superintendent of Herman Kiefer Hospital. Superintendent of William H. Maybury Sanatorium. Director of sanitary engineering. Director of dairy and food inspection. Director of division of tuberculosis. Director of division of vital statistics. Medical director and epidemiologist of Herman Kiefer Hospital.
<b>Ecorse</b> .....	Lawrence H. Van Becelaere, M. D.	Health officer.
<b>Escanaba</b> .....		
<b>Ferndale</b> .....	Willard G. Beattie, M. D.	Do.
<b>Flint</b> .....	*Kenneth B. Moore, M. D.	Do.
<b>Grand Rapids</b> .....	*Allison H. Edwards, M. D.	Do.
<b>Grosse Pointe</b> .....		
<b>Hamtramck</b> .....	Peter E. Bolewicki, M. D.	Health commissioner.
<b>Highland Park</b> .....	William N. Braley, M. D.	Health officer.
<b>Holland</b> .....	William Westrate, M. D.	Do.
<b>Iron Mountain</b> .....	James L. Browning, M. D.	Do.
<b>Ironwood</b> .....	C. C. Urquhart, M. D.	City health officer.
<b>Jackson</b> .....	*Floyd R. Town, M. D.	Health officer.
<b>Kalamazoo</b> .....	*John L. Lavan, M. D.	Director of public health.
<b>Lansing</b> .....	*E. R. Van der Slice, M. D.	Director, department of public health.
<b>Lincoln Park</b> .....	H. K. Butterworth, M. D.	Health officer.
<b>Marquette</b> .....	*Frederick McD. Harkin, M. D.	City health officer.
<b>Menominee</b> .....	John T. Kaye, M. D.	Health officer.
<b>Monroe</b> .....	James A. Humphrey, M. D.	City health officer.
<b>Mount Clemens</b> .....	W. J. Kane, M. D.	Health officer.
<b>Muskegon</b> .....	M. E. Stone, M. D.	Do.
<b>Muskegon Heights</b> .....	O. M. La Core, M. D.	Do.
<b>Niles</b> .....	Lawrence M. Rutz, M. D.	Commissioner of health.
<b>Owosso</b> .....	W. E. Ward, M. D.	Health officer.
<b>Pontiac</b> .....	*Charles A. Naefle, M. D.	Director of public health.
<b>Port Huron</b> .....	A. L. Callery, M. D.	Health officer.
<b>River Rouge</b> .....	Harvey S. Broderson, M. D.	City health officer.
<b>Royal Oak</b> .....	Donald A. Cameron, M. D.	Do.
<b>Saginaw</b> .....	*Frank A. Poole, M. D.	Do.
<b>Sault Ste. Marie</b> .....	E. A. Cornell, M. D.	Health officer.
<b>Traverse City</b> .....	G. A. Holliday, D. D. S., M. D.	Do.
<b>Wyandotte</b> .....	Earl H. Engel, M. D.	Do.
<b>Ypsilanti</b> .....	Bradley M. Harris, M. D.	Do.
<b>Minnesota:</b>		
<b>Albert Lea</b> .....	D. S. Branham, M. D.	Do.
<b>Austin</b> .....	Peter A. Lommen, M. D.	Chairman, board of health.
<b>Brainerd</b> .....	V. E. Quanstrom, M. D.	City health officer.
<b>Duluth</b> .....	*M. McC. Fisher, M. D.	Director of public health.
<b>Faribault</b> .....	Frederick U. Davis, M. D.	Health commissioner.
<b>Hibbing</b> .....	C. N. Harris, M. D.	Chairman, board of health.
<b>Mankato</b> .....	William A. Beech, M. D.	Health commissioner.
<b>Minneapolis</b> .....	*Francis Edward Harrington, LL. D., M. D.	Commissioner of health.
<b>Rochester</b> .....	C. H. Mayo, M. D.	Health officer.
<b>St. Cloud</b> .....	H. W. Goehrs, M. D.	City physician.
<b>St. Paul</b> .....	Robert B. J. Schoch, M. D.	Health officer.
<b>South St. Paul</b> .....	O. S. Ely, M. D.	Commissioner of health.
<b>Virginia</b> .....	J. Arnold Malmstrom, M. D.	Health officer.
<b>Winona</b> .....	William V. Lindsay, M. D.	Do.
<b>Mississippi:</b>		
<b>Biloxi</b> .....		
<b>Clarksdale</b> .....	*V. B. Harrison, M. D.	Director, county health department.
<b>Columbus</b> .....		
<b>Greenville</b> .....	*John W. Shackelford, M. D., M. P. H.	Do.
<b>Greenwood</b> .....	*Levi A. Barnett, M. D.	Director of health.
<b>Gulfport</b> .....	Daniel J. Williams	County health officer.

\* D. C. Lockhead, M. D., D. P. H., deputy health officer, full time.

City	Name of health officer	Official title
<b>Mississippi—Continued.</b>		
Hattiesburg.....	*B. D. Blackwelder, M. D., C. P. H.	Director, county health department.
Jackson.....	*William Earl Noblin, M. D.	City and county health officer.
Laurel.....	T. R. Beech, M. D.	County health officer.
McComb.....	*T. Paul Hansy, Jr., M. D., C. P. H.	Do.
Meridian.....	*D. V. Galloway, M. D., M. P. H.	Director of health.
Natchez.....	*A. R. Perry, M. D., M. P. H.	Director, county health department.
Vicksburg.....	*F. Michael Smith, M. D.	Do.
<b>Missouri:</b>		
Cape Girardeau.....	*Lee Siagle.....	Sanitary inspector.
Columbia.....	*W. A. Norris, M. D.	City health commissioner.
Hannibal.....	E. M. Lucke, M. D.	Health officer.
Independence.....	Fountain L. Cook, M. D.	City physician.
Jefferson City.....	J. G. Bruce, M. D.	Do.
Joplin.....	A. Benson Clark, M. D.	Commissioner of health.
Kansas City.....		
Maplewood.....		
Moberly.....	C. C. Smith, M. D.	City health officer.
St. Charles.....	L. E. Belding, M. D.	City physician.
St. Joseph.....	A. J. Smith, M. D.	Health officer.
St. Louis.....	*Jos. F. Bredeck, M. D., D. P. H.	Health commissioner.
	*W. Scott Johnson.....	Sanitary engineer.
	*H. I. Spector.....	Tuberculosis controller.
	*Joseph C. Willett, D. V. M.	Chief of laboratories.
	*John S. Koen, D. V. S.	Chief of food control.
	*Ernest C. McCulloch, D. V. M.	Milk controller.
	*Walter E. Cook.....	Field supervisor.
	*Harry M. Stamm, D. D. S.	Dental supervisor.
	*A. L. Kavanagh, M. D.	Chief of venereal clinic.
	*Mildred Sanderson, R. N.	Municipal nurses' supervisor.
	*Harvey Chope.....	Epidemiologist.
	*Milton R. Fisher, D. V. M.	Veterinary milk inspector.
	*W. C. Dillard, D. V. M.	Veterinary meat inspector.
	*H. V. Persells, D. V. M.	Do.
	*C. B. Michel, D. V. M.	Do.
	*Downey L. Harris, M. D.	Rabies controller.
	*Elizabeth Brezu.....	Vital statistician.
	*Thomas Chamberlain.....	Recorder of births and deaths.
Sedalia.....		
Springfield.....	*Ralph W. Langston.....	Commissioner of health and sanitation.
University City.....	O. P. Hampton, Jr., M. D.	Health commissioner.
Webster Groves.....	Carl C. Irick, M. D.	Do.
<b>Montana:</b>		
Anaconda.....	John J. Malee, M. D.	City physician.
Billings.....	E. G. Balsam, M. D.	Secretary, board of health.
Butte.....	J. J. Kane, M. D.	City physician.
Great Falls.....	*F. L. Watkins, M. D.	Health officer.
Helena.....	*W. M. Copenhaver, Jr., M. D.	City-county health officer.
Missoula.....	*F. D. Pease, M. D.	Health officer.
<b>Nebraska:</b>		
Beatrice.....	T. R. Leibes, M. D.	City physician.
Fremont.....	Joshua S. Devries, M. D.	Do.
Grand Island.....	John G. Woodin, M. D.	Do.
Hastings.....	E. J. Latta, M. D.	Do.
Lincoln.....	*M. F. Arnholt, M. D.	Superintendent of health.
Norfolk.....	V. L. Siman, M. D.	City physician.
North Platte.....	J. B. Redfield, M. D.	Do.
Omaha.....	*Millard Langfeld, M. D.	Director of public health.
<b>Nevada:</b>		
Reno.....	A. F. Adams, M. D.	Secretary, board of health.
<b>New Hampshire:</b>		
Berlin.....	*Eli A. Marcour, B. S. in Ch. and sanitation.	Health officer and milk inspector.
	William F. Prescott.....	Health officer.
Claremont.....	*Travis Pollard Burroughs, M. D., C. P. H.	Sanitary officer.
Concord.....		
Dover.....	*William E. Whiteley, M. D.	Executive officer.
Keene.....	Arthur A. Pratt, M. D.	Health officer.
Laconia.....		
Manchester.....	*Howard A. Streeter, M. D.	Do.
Nashua.....	Deering G. Smith, M. D.	Chairman, board of health.
Portsmouth.....	L. R. Hazzard, M. D.	Do.
Rochester.....	Charles E. Goodwin.....	Health officer.
<b>New Jersey:</b>		
Asbury Park.....	*Budd H. Obert.....	Do.
Atlantic City.....	Samuel L. Salasin, M. D.	Do.
Bayonne.....	William W. Brooke, M. D.	Do.
Belleville.....	*Eugene T. Berry.....	Do.
Bloomfield.....	*Joseph C. Salle, Ph. G., D. V. S., D. O.	Do.
Bridgeton.....	*John G. Robbins.....	Do.

City	Name of health officer	Official title
<b>New Jersey—Continued.</b>		
Burlington.....	Kathryn Phillips.....	Health officer and secretary.
Camden.....	Arthur L. Stone, M. D.....	Director of public health.
Carteret.....		
Cliffside Park.....	Fred J. Dyer.....	Health officer.
Clifton.....	Jeremiah P. Quinlan.....	Do.
Collingswood.....	Harold K. Eynon, M. D.....	Do.
Dover.....	*John G. Taylor.....	Do.
East Orange.....	*Frank J. Osborne, C. P. H.....	Health officer and registrar.
Elizabeth.....	Louis J. Richards, S. B. in S. E.....	Health officer.
Englewood.....	*Harry R. H. Nicholas.....	Do.
Garfield.....	Charles Bleasby, M. D.....	Do.
Gloucester City.....	J. Alonzo Beek, M. D.....	Do.
Hackensack.....	*L. Van D. Chandler.....	Do.
Harrison.....	*John T. McClure.....	Do.
Hawthorne.....	William Missouellie, M. D.....	Do.
Hoboken.....	Joseph F. X. Stack, M. D.....	Health commissioner.
Irvington.....	*William S. Bailey.....	Acting health officer.
Jersey City.....	*James J. Hagan.....	Health officer and secretary.
Kearny.....	*Amos Field, Jr.....	Health officer.
Linden.....	*Maidie E. Noe.....	Do.
Lodi.....	Henry H. Brevoort, M. D.....	Do.
Long Branch.....	*P. C. Erickson.....	Do.
Millville.....	Richard H. Knowles.....	Do.
Montclair.....	*Carl T. Fomeroy, C. P. H.....	Do.
Morristown.....	*John F. Kilkenny.....	Do.
New Brunswick.....	E. Irving Cronk, M. D.....	City health officer.
Newark.....	*Charles Vaughan Craster, M. D., D. P. H.....	Health officer.
Nutley.....		
Orange.....	William M. Brien, M. D.....	Acting health officer and registrar of vital statistics.
Passaic.....	John N. Ryan, M. D.....	Health officer.
Paterson.....	*Frederick P. Lee, M. D.....	Do.
Perth Amboy.....	*Charles S. Thompson, D. V. S.....	Do.
Phillipsburg.....	William Dana Fursel, D. D. S., M. D.....	Town physician.
Plainfield.....	*Andrew J. Krog.....	Health officer and secretary.
Pleasantville.....	Robert M. Grier, M. D.....	Health inspector.
Rahway.....	*Fred M. Williams.....	Executive officer.
Red Bank.....	William H. Lawes, Jr., V. S.....	Sanitary inspector.
Ridgefield Park.....	*William F. Reynolds, D. V. M.....	Health officer.
Ridgewood.....	H. H. Pettit, M. D.....	Do.
Roselle.....	Perry Alexander Proudfoot, M. D.....	Do.
Rutherford.....	*Marine Dunn.....	Do.
South Orange.....	A. C. Benedict, M. D.....	Sanitary inspector.
South River.....	A. A. Pansy, M. D.....	Do.
Summit.....	Henry Paul Dengler, M. D.....	Executive officer.
Trenton.....	*Alton S. Fell, M. D.....	Health officer.
Union City.....	Grant P. Curtis, M. D.....	Do.
West New York.....	*Randolph Kunze.....	Chief inspector.
West Orange.....	*D. E. Buckley.....	Health officer.
Westfield.....	*Andrew Carney.....	Executive officer.
<b>New Mexico:</b>		
Albuquerque.....	*C. Howe Eller, M. D., Dr. P. H.....	County health officer.
Roswell.....	W. W. Phillips, M. D.....	County and city health officer.
<b>Santa Fe</b>		
<b>New York:</b>		
Albany.....	*Daniel V. O'Leary, M. D.....	Commissioner of health.
Amsterdam.....	Patrick J. Fitzgibbons, M. D.....	Health officer.
Auburn.....	John W. Copeland, M. D.....	Do.
Batavia.....	Emery F. Will, M. D.....	Do.
Beacon.....	Charles B. Dugan, M. D.....	Do.
Binghamton.....	C. J. Longstreet, M. D.....	Do.
Buffalo.....	*Francis E. Fronczak, LL. D., M. D., Dr. Sc. P. H.....	Health commissioner.
	*Edward Durney, M. D.....	Deputy health officer.
	*Charles A. Bentz, M. D.....	Do.
	*Edward Durney, M. D.....	Director.
	*Charles A. Bentz, M. D.....	Do.
Division of child hygiene.		
Communicable disease and division of labora- tories.	*Delmer E. Batcheller.....	Registrar of vital statistics.
Division of vital statistics.	Frank E. Trumble.....	Assistant chief inspector.
Division of sanitation.	.....do.....	Do.
Division of smoke abate- ment		
Division of food inspection.	*Willard B. Diebold.....	Do.
Cohoes.....	E. M. Bell, M. D.....	Commissioner of health.
Corning.....	Henry E. Elwood, Jr., M. D.....	Health officer.
Cortland.....	*D. R. Reilly, M. D., C. P. H.....	County commissioner of health.
Dunkirk.....	Edgar Bieber, M. D.....	Health officer.
Elmira.....	Reeve B. Howland, M. D.....	Do.
Endicott.....	Mark W. Welch, M. D.....	Do.
Floral Park.....	Arthur E. Goldfarb, M. D.....	Do.
Freeport.....	William H. Runcie, M. D.....	Do.
Fulton.....	L. A. Simpson, M. D.....	Do.

City	Name of health officer	Official title
<b>New York—Continued.</b>		
Geneva	C. W. Grove, M. D.	Health officer.
Glen Cove	Joseph B. Conolly, M. D.	Do.
Glen's Falls	*Virgil D. Selleck, M. D.	Do.
Gloversville	Alex. L. Johnson, M. D.	Do.
Hempstead	William H. Runelle, M. D.	Do.
Herkimer	James W. Graves, M. D.	Do.
Hornell	George E. Taylor, M. D.	Do.
Hudson	*Louis Van Hoesen, M. D.	County commissioner of health.
Ithaca	*Lewell T. Genung, M. D.	Health officer.
Jamestown	William M. Sih, M. D.	Superintendent of public health.
Johnson City	Rollia O. Crosier, M. D.	Health officer.
Johnstown	Guy Vail Wilson, M. D.	Commissioner of public health and welfare.
Kenmore	F. R. Linklater, M. D.	Health officer.
Kingston	Lester E. Sanford, M. D.	Do.
Lackawanna	Leo M. Michalek, M. D.	Do.
Little Falls	George S. Eveleth, M. D.	Do.
Lockport	George H. Barone, M. D.	Do.
Lynnbrook	F. M. Galloway, M. D.	Do.
Mamaroneck	Edward M. Clark, M. D.	Do.
Massena	Charles E. Elkins, M. D.	Do.
Middletown	H. J. Shelley, M. D.	Do.
Mount Vernon	F. W. Shipman, M. D.	Commissioner of health.
New Rochelle	*Bertrand F. Drake, M. D., Dr. P. H.	Health officer.
<b>New York</b>		
	*John L. Rice, M. D.	Commissioner of health.
	*William H. Best, M. D.	Deputy commissioner of health.
Bureau:		
General administration	*George T. Palmer, Dr. P. H.	Secretary.
Records	*Thomas J. Duffield	Director.
Sanitation	*John Oberwager, M. D.	Acting sanitary superintendent.
Preventable diseases	*Victor Mildenberg, M. D.	Acting director.
Child hygiene	*John Blumenthal, M. D., Dr. P. H.	Director.
Nursing	*Miss Amelia H. Grant, R. N.	Do.
Public health education	*Charles F. Bolduan, M. D.	Do.
Laboratories	*William H. Park, M. D.	Do.
Food and drugs	*Max A. Herzog, M. D.	Acting director.
District health administration	*Margaret W. Barnard, M. D., C. P. H.	Director.
Tuberculosis	*Herbert R. Edwards, M. D.	Do.
Newburgh	Thomas J. Burke, M. D.	Health officer.
Niagara Falls	Edward E. Gillick, M. D.	Do.
North Tonawanda	Henry C. Lapp, M. D.	Do.
Ogdensburg	Frederick E. Clark, M. D.	Do.
Olean	Joseph P. Garen, M. D.	Do.
Oneida	Edmund L. Finley, M. D.	Do.
Oneonta		
Ossining	James E. Mansfield, M. D.	Do.
Oswego	J. Douglas Barry, M. D.	Do.
Peekskill	Leo F. Schiff, M. D.	Do.
Plattsburg	*William J. Sheehan, M. D.	Do.
Port Chester	G. Otto Fobe, M. D.	Do.
Port Jervis	*William H. Conger, M. D.	Do.
Poughkeepsie		
Rensselaer		
Rochester	*Arthur M. Johnson, M. D.	Do.
Rockville Center	Arthur D. Jacques, M. D.	Health commissioner.
Rome	Lewis N. Eames, M. D.	Health officer.
Saratoga Springs	Frederic J. Rosseguido, M. D.	Do.
Schenectady	Fred J. MacDonald, M. D.	Commissioner of health.
Syracuse	H. B. Doust, M. D.	Acting commissioner of health.
Tonawanda	Russell H. Wilcox, M. D.	Health officer.
Troy	James H. Flynn, M. D.	Commissioner of health.
Utica	*Hugh H. Shaw, M. D.	Health officer.
Valley Stream	John M. Quinn, M. D.	Do.
Watertown	G. B. Van Doren, M. D.	City health officer.
Watervliet	C. A. Birmingham, M. D.	Commissioner of health.
White Plains	*Matthias Nicoll, Jr., M. D.	County commissioner of health.
Yonkers	*Clarence W. Buckmaster, M. D., C. P. H.	Health commissioner.
<b>North Carolina:</b>		
Asheville	*D. E. Sevier, M. D.	Health officer.
Charlotte	*G. L. Rea, M. D.	City health officer.
Concord	*Daniel Greenlee Caldwell, M. D.	County health officer.
Durham	*Jesse H. Epperson	Superintendent of health.
Elizabeth City	Ivie Alphonso Ward, M. D.	City health officer.
Fayetteville	*Malcolm T. Foster, M. D., C. P. H.	Do.
Gastonia	Mc. G. Anders, M. D.	City physician and health officer.
Goldsboro	*G. Fletcher Reeves, M. D.	Director of public health.
Greensboro	*C. C. Hudson, M. D.	Health officer.
High Point	W. J. McAnally, M. D.	Do.

City	Name of health officer	Official title
<b>North Carolina—Continued.</b>		
Kinston.....	*Z. V. Moseley, M. D.....	County health officer.
New Bern.....	N. M. Gibbs, M. D.....	County and city physician.
Raleigh.....	*A. C. Bulla, M. D.....	County and city health officer.
Rocky Mount.....	*Roy Norton, M. D.....	Superintendent of health.
Salisbury.....	*Charles W. Armstrong, M. D.....	Health officer.
Shelby.....	D. F. Moore, M. D.....	County physician.
Statesville.....	Ross S. McElwee, M. D.....	County health physician.
Thomasville.....		
Wilmington.....	*A. H. Elliot, M. D.....	County health officer.
Wilson.....	*W. H. Anderson, M. D.....	City and county health officer.
Winston-Salem.....	*R. L. Carlton, M. D.....	City health officer.
<b>North Dakota:</b>		
Bismarck.....	A. M. Fisher, M. D.....	Do.
Fargo.....	*B. K. Kilbourne, M. D.....	Do.
Grand Forks.....	Jalmar M. Hofto, M. D.....	Do.
Minot.....	J. L. Devine, M. D.....	Do.
<b>Ohio:</b>		
Akron.....	*Melville D. Alles, LL. B., M. D.....	Director of health.
Alliance.....	G. O. Rowland, M. D.....	Health commissioner.
Ashland.....	Robert P. Bogniard, M. D.....	Director of welfare.
Ashtabula.....	James H. Park, M. D.....	Health officer.
Barberton.....	H. A. Finefrock, M. D.....	Health commissioner.
Bellaire.....	William J. Shepard, M. D.....	Do.
Bucyrus.....	W. G. Carlisle, M. D.....	Do.
Cambridge.....	Carl M. Oshe.....	Do.
Campbell.....	James S. Mariner, M. D.....	Do.
Canton.....	Frank M. Sayre, M. D.....	Do.
Chillicothe.....	*Raymond E. Bower, Ph. B., M. D.....	Do.
Cincinnati.....	*Owen C. Fisk, M. D.....	Acting commissioner of health.
Cleveland.....	*Harold J. Knapp, M. D.....	Commissioner.
Division:		
Communicable diseases.....	T. G. Duncan, M. D.....	Director.
Tuberculosis.....	E. P. Edwards, M. D.....	Do.
Child hygiene.....	R. J. Ochsner, M. D.....	Do.
Food and drug administration.....	E. B. Buchanan.....	Do.
Laboratories.....		
Public health nurses.....	Cora M. Templeton, R. N.....	Do.
Cleveland Heights.....	*Robert Lockhart, M. D.....	Director of health.
Columbus.....	*Nelson C. Dysart, Ph. C., M. D.....	Health commissioner.
Coshocton.....	*D. M. Criswell, M. D.....	Do.
Cuyahoga Falls.....	*R. B. Markwith, M. D.....	Do.
Dayton.....	*A. O. Peteres, M. D.....	Do.
East Cleveland.....	George W. Stober, M. D.....	Director of health.
East Liverpool.....	Roy C. Costello, M. D.....	Health commissioner.
Elvria.....	G. E. French, M. D.....	Do.
Euclid.....	*Robert Lockhart, M. D.....	District health commissioner.
Findlay.....	*Martha Laffey, R. N.....	Health commissioner.
Fostoria.....	*L. W. Gibson.....	Do.
Fremont.....	E. L. Vermilya, M. D.....	Do.
Garfield Heights.....	*Robert Lockhart, M. D.....	District health commissioner.
Hamilton.....	*C. J. Baldrige, B. L., M. D.....	Health commissioner.
Ironton.....	H. S. Allen, M. D.....	Do.
Lakewood.....	Wallace J. Benner, M. D.....	Commissioner of health.
Lancaster.....	Clifford B. Snider, M. D.....	Health commissioner.
Lima.....	James B. Poling, M. D.....	Do.
Lorain.....	Valloyd Adair, M. D.....	Do.
Mansfield.....	*Millard C. Hanson, M. D., Dr. P. H.....	Do.
Marietta.....	F. S. McGee, M. D.....	Do.
Marion.....	Kenneth D. Smith, M. D.....	Do.
Martins Ferry.....	*John Donovan.....	Do.
Massillon.....	*Dwight L. Fisher.....	Acting health commissioner.
Middletown.....	*George 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.....	*Louis O. Saur, M. D.....	Do.
Painesville.....	*Mrs. Clara C. Wilder, R. N.....	Do.
Parma.....	*Robert Lockhart, M. D.....	Do.
Piqua.....	L. G. Whitney.....	Do.
Portsmouth.....	O. D. Tatje, M. D.....	Do.
Salem.....	R. T. Holzbach, M. D.....	Do.
Sandusky.....	*F. M. Houghtaling, M. D.....	Do.
Shaker Heights.....	Paul Marcus Spurney, M. D.....	Director of health.
Springfield.....	*Oscar M. Craven, M. D.....	Do.
Steubenville.....	*Julius A. Pizzoferrato.....	Health commissioner.
Struthers.....	Charles Scofield, M. D.....	Do.
Tiffin.....	J. A. Gosling, M. D.....	Do.
Toledo.....	Basil B. Brim, M. D.....	Do.
Warren.....	M. T. Knappenberger, M. D.....	Do.
Wooster.....	*W. G. Rhoten, M. D.....	Do.
Xenia.....	A. D. De Haven, M. D.....	Do.



City	Name of health officer	Official title
Ohio—Continued.		
Youngstown	Coyt H. Beight, M. D.	Health commissioner.
Zanesville	D. G. Candy, M. D.	Superintendent of health and sanitation.
Oklahoma:		
Ada	O. E. Welborn, M. D.	City health officer.
Ardmore	Ambert Y. Easterwood, M. D.	City physician.
Bartlesville	Elizabeth Chamberlin, M. D.	City superintendent of health.
Chickasha	*E. L. Dawson, M. D.	Superintendent of health.
Enid	R. C. Baker, M. D.	City superintendent of health.
Lawton	*Fratls L. Duff	Health officer.
McAlester	Charles M. Pearce, M. D.	Superintendent of health.
Muskogee	I. T. Woodburn, M. D.	City physician.
Oklahoma City	*Walter H. Miles, M. D.	Director of health.
Okmulgee	Raymond De Voy	Sanitary inspector.
Ponca City		
Sapulpa	*A. C. Frampton, D. V. S.	City health officer.
Seminole		
Shawnee	Leroy J. Neal, M. D.	City superintendent of health.
Tulsa	J. Jeff Billington, M. D.	Superintendent of health.
Wewoka	George Hunter, M. D.	City and county health officer.
Oregon:		
Astoria	N. S. Vernon, M. D.	Do.
Eugene	*Ronald C. Romig, M. D.	Do.
Klamath Falls	A. A. Soule, M. D.	Health officer and city physician.
Medford	L. D. Inskeep	City health officer.
Portland	*John G. Abele, M. D.	Do.
Salem	*V. A. Douglas, M. D.	City-county health officer.
Pennsylvania:		
Aliquippa	*J. E. Tanner	Health officer.
Allentown	*J. Treichler Butz, D. D. S., M. D.	Do.
Altoona	*Raymond A. Herbert	Superintendent of health.
Ambridge	*Louis Hermann	Health officer.
Arnold	*Frank E. Morrison	Secretary, board of health.
Beaver Falls	*William Elmes, M. E.	Health officer.
Bellevue	*James B. Arthur	Do.
Berwick	*Charles E. Ross	Do.
Bethlehem	F. J. Conahan, M. D.	City physician.
Braddock	*James E. Wills	Health officer.
Bradford	*R. G. Vogel	Do.
Bristol	John M. Wright	Do.
Butler	*J. Fred Leetch	Do.
Canonsburg	*Frank Milligan	Do.
Carbondale	*Paul Nelson	Do.
Carlisle	*U. Grant Eppley	Do.
Carnegie		
Chambersburg	*Frank J. Croft	Health officer and secretary.
Charleroi	*J. M. Hill	Health officer.
Chester		
Clairton	*F. F. Keller	Do.
Coatesville	Charles V. Peace, V. M. D.	Health officer and milk inspector.
Columbia		
Connellsville	*D. E. Minerd	Health officer and sealer of weights and measures.
Conshohocken	Thomas S. White	Health officer and secretary.
Coraopolis	*Henry N. Holdren, Jr.	Health officer.
Dickson City		
Donora	*Herman Lang	Do.
Dormont	*Henry Crystal	Do.
Du Bois	J. I. Brockbank, M. D.	Do.
Dunmore	William Ferrese	Do.
Duquesne	*C. W. Goldstrohm	Do.
Easton	Joseph Samuel Cohen, M. D.	City health officer.
Ellwood City	*Lewis Young	Meat and milk inspector.
Erie	*J. R. Smith, M. D.	Health officer.
Farrell	*Benjamin F. Davis	Do.
Franklin		
Greensburg	Joseph B. Cherry	Do.
Hanover	Henry F. Goeken, M. D.	Health officer and secretary, board of health.
Harrisburg	John M. J. Raunick, M. D.	Health officer.
Hazleton	*William Pfaff	Do.
Homestead	*M. D. Weis and J. J. Baird	Do.
Jeanette	*Charles E. Walter	Chief health officer.
Johnstown	L. W. Jones, M. D.	City health officer.
Kingston	*J. F. Seward	Health officer.
Lancaster	*Benjamin F. Charles	Do.
Latrobe	W. T. Osborne	Do.
Lebanon		
Lewistown	H. E. Fetterolf	Do.
McKeesport	*Daniel F. Marsh	Do.
McKees Rocks		
Mahanoy City	*Harry Martin	Do.
Meadville		

City	Name of health officer	Official title
<b>Pennsylvania—Continued.</b>		
Monessen	*F. E. Gibson	City health officer.
Mount Carmel	*Charles F. Cohoon	Health officer.
Munhall	W. J. Caddy	Secretary, board of health.
Nanticoke	*Judd H. Abbott	Health officer.
New Castle	William L. Steen, M. D.	Do.
New Kensington	*John E. Evans	Health and ordinance officer.
Norristown	*R. Ronald Dettre	Health officer and secretary.
North Braddock	*Michael J. Pastor	Health officer.
Oil City	*William J. Lewis	Do.
Old Forge	Primo Cesare	Chief of police.
Olyphant	Andrew Taras	Borough health officer.
Philadelphia:		
Department of public health.	*J. Norman Henry, M. D.	Director, department of public health.
		Assistant director, department of public health.
Bureau of health.	*William J. Wolf	Secretary.
Bureau of hospitals:		
Philadelphia General Hospital, 34th and Pine Streets.	*William G. Turnbull, M. D.	Superintendent.
Philadelphia Hospital for Contagious Diseases, 2d and Luzerne Streets.	*Pascal F. Lucchesi, M. D.	Acting superintendent.
Philadelphia Hospital for Mental Diseases, Byberry.	*James P. Sands, M. D.	Superintendent.
Phoenixville	*Russell E. Deery	Health officer.
Pittsburgh.	*Ray P. Moyer, M. D., Ph. G.	Director.
Bureau of infectious diseases (including municipal and tuberculosis hospitals).	*P. E. Marks, M. D.	Superintendent.
Bureau of sanitation	*George W. Schusler, C. E.	Do.
Bureau of child welfare	*H. J. Benz, M. D.	Do.
Bureau of food inspection	*Leicester Patton	Do.
Bureau of smoke regulation.	*H. B. Meller, C. E.	Do.
Pittston	*Michael A. McHale	Health officer.
Plymouth	H. G. Templeton, M. D.	Do.
Pottstown	*A. John André	Do.
Pottsville	*A. C. Huntzinger	Do.
Reading	*Ira J. Hain, M. D.	Do.
Scranton	Arthur E. Davis, M. D.	Director, department of public health.
Shamokin	*Frederick Zeiser	Borough health officer.
Sharon	*Joseph S. Hildebrand	Sanitary officer.
Shenandoah	*Claude Davis, Ph. G.	Health officer.
Steelton	*E. G. Butler	Do.
Sunbury	*Carl P. Inkrote	Do.
Swissvale	*S. L. Glasgow	Do.
Tamaqua	Lamont Ferrine	Do.
Taylor	E. E. Edwards, M. D.	Do.
Turtle Creek	*Manuel Emmanuel	Do.
Uniontown	*W. C. Hall	City health officer.
Vandergrift	J. D. Remaley	Health officer.
Warren	*Ralph N. Brown	Do.
Washington		
Waynesboro	*Percy H. Snowberger	Do.
West Chester	Warren T. Garrett	Do.
Wilkes-Barre	*Charles Briggs Crittenden, M. D., C. H. P.	City health officer.
Wilkinsburg	*J. M. Snyder	Health officer.
Williamsport	*W. J. Mollenkopf	Do.
York	J. Frank Small, M. D.	Director of public health.
<b>Rhode Island:</b>		
Bristol	Daniel E. Dwyer	Health officer.
Central Falls	Charles S. Doucet, M. D.	Health superintendent.
Cranston	Daniel S. Latham, M. D.	Superintendent of health and inspector of milk.
East Providence	W. H. T. Hamill, M. D.	Health officer.
Newport	Edward V. Murphy, M. D.	Commissioner of health.
North Providence	Herbert A. Brown	Health officer.
Pawtucket	Albert L. Vandale, M. D.	Superintendent of health.
Providence	*Dennett L. Richardson, M. D.	Do.
Warwick	*Lawrence Jackson Smith, M. D.	Do.
West Warwick	Daniel S. Harrop, M. D.	Health officer.
Westerly	Samuel C. Webster, Ph. G., M. D.	Superintendent of health.
Woonsocket	Thomas S. Flynn, M. D.	Health officer.
<b>South Carolina:</b>		
Anderson	*E. E. Epting, M. D.	City and county health officer
Charleston	*Leon Banov, M. D.	City-county health officer.
Columbia	Paul Eugene Payne, M. D.	City health officer.

City	Name of health officer	Official title
<b>South Carolina—Continued.</b>		
Florence.....	*George D. Heath, M. D., Dr. P. H.	Health commissioner.
Greenville.....	*Irving Sydnor Barksdale, M. D.	Commissioner of health.
Greenwood.....	*Joseph E. Brodie, M. D.	County health officer.
Rock Hill.....		
Spartanburg.....		
Sumter.....	*G. R. Kitchen, D. V. M.	City health officer.
<b>South Dakota:</b>		
Aberdeen.....	John F. Adams, M. D.	Do.
Huron.....		
Mitchell.....	E. M. Young, M. D.	Do.
Rapid City.....	*Forrest J. Austin, M. D.	County health officer.
Sioux Falls.....	E. E. Gage, M. D.	Health officer.
Watertown.....	W. G. Magee, M. D.	City health officer.
<b>Tennessee:</b>		
Bristol.....		
Chattanooga.....	*Fred C. McIsaac, M. D.	Director of health.
Jackson.....	J. D. Johnson	Commission of health and sanitation.
Johnson City.....	*Wallace L. Poole, M. D., M. S. P. H.	Director of city health department.
Kingsport.....	*F. L. Moore, M. D., C. P. H.	Director, county health department.
Knoxville.....	*William Howard Enneis, M. D.	City health officer.
Memphis.....	*L. M. Graves, M. D.	Superintendent, Memphis health department.
Nashville.....	*John Overton, M. D.	City health officer.
<b>Texas:</b>		
Arlene.....	Scott W. Hollis, M. D.	County and city health officer.
Amarillo.....	*Benjamin M. Primer, M. D., M. P. H.	Director, city-county health unit.
Austin.....	*Eugene O. Chimene, M. D.	Director of public health.
Beaumont.....	W. W. Dunn, M. D.	City health officer.
Big Spring.....	M. H. Bennett, M. D.	Do.
Brownsville.....	Thurman A. Kinder, Jr., M. D.	Do.
Brownwood.....	J. M. Horn, M. D.	Do.
Cleburne.....	Joseph M. Stallcup, M. D.	Do.
Corpus Christi.....	N. D. Carter, M. D.	Do.
Corsicana.....	William T. Shell, Jr., M. D.	Do.
Dallas.....	*J. W. Bass, M. D.	Director of public health.
Del Rio.....	D. A. York, M. D.	City health officer.
Denison.....	W. A. Lee, M. D.	Do.
El Paso.....	*T. J. McCamant, M. D.	Director, city-county health unit.
Fort Worth.....	*A. H. Flickwir, M. D.	Director of public health and welfare.
Galveston.....	Walter Kleberg, M. D.	City health officer.
Greenville.....	B. F. Arnold, M. D.	Do.
Harlingen.....	V. M. Bass, M. D.	Do.
Houston.....	*George W. Larendon, M. D.	Director of public health.
Laredo.....	H. M. Austin, M. D.	City health officer.
Lubbock.....	J. W. Rollo, M. D.	Do.
Marshall.....	W. H. Bennett, D. O., M. D.	City health officer and food inspector.
Palestine.....	J. M. Colley, M. D.	City health officer.
Pampa.....		
Paris.....	John A. Stephens, M. D.	Do.
Port Arthur.....	F. J. Beyt, M. D.	Do.
San Angelo.....	B. T. Brown, M. D.	Do.
San Antonio.....	*W. A. King, M. D.	Do.
San Benito.....	Neal D. Monger, M. D.	Do.
Sherman.....	C. D. Strother, M. D.	Do.
Sweetwater.....	*E. W. Prothro, M. D.	Director, city-county health unit.
Temple.....	Benjamin F. Lee, M. D.	City health officer.
Texarkana.....	Charles Adna Smith, M. D.	Do.
Tyler.....	Albert Woldert, Ph. G., M. D.	Do.
Waco.....	R. Wilson Crosthwait, M. D.	Do.
Wichita Falls.....	*Robert Bonner Wolford, M. D.	Do.
<b>Utah:</b>		
Ogden.....	Walter E. Whalen, M. D.	Director of health department.
Provo.....	Charles M. Smith, M. D.	City physician.
Salt Lake City.....	L. E. Viko, M. D.	Health commissioner.
<b>Vermont:</b>		
Barre.....	Michael F. Cerasoli, M. D.	Health officer.
Bennington.....	*Joseph M. Ayers	Do.
Burlington.....	Erald F. Foster, M. D.	City health officer.
Rutland.....	*Clare M. Cole	Health officer.
<b>Virginia:</b>		
Alexandria.....	*W. Lewis Schafer, M. D.	Health officer and clinician.
Charlottesville.....	*Edwin L. McQuade, M. D.	Health officer.
Danville.....	*R. W. Garnett, M. D.	Health officer and director of public welfare.
Hopewell.....	L. A. Sims	City engineer.
Lynchburg.....	*Mosby G. Perrow, Ph. D.	Director of public welfare.
Newport News.....	*G. Colbert Tyler, M. D.	Health officer.
Norfolk.....	J. C. Sleet, M. D.	Acting health officer.
Petersburg.....	Mason Romaine, M. D.	Health officer.
Portsmouth.....	*L. J. Roper, M. D.	Director of public welfare.

City	Name of health officer	Official title
Virginia—Continued.		
Richmond.....	*W. Brownley Foster, M. D.....	Director of public welfare and health officer.
Roanoke.....	*Coleman Bernard Ransone, M. D.....	Health officer.
Staunton.....	J. F. Fulton, M. D.....	Do.
Suffolk.....	*Challis Haddon Dawson, M. D.....	Director of health.
Winchester.....	Lewis M. Allen, M. D.....	Health officer.
Washington:		
Aberdeen.....	B. O. Swinehart, M. D.....	City health officer.
Bellingham.....	I. W. Powell, M. D.....	Do.
Bremerton.....	P. L. Sanders, M. D.....	Do.
Everett.....	I. W. Parsons, M. D.....	Do.
Hoquiam.....	John W. Stevenson, M. D.....	Do.
Longview.....	Justin S. McCarthy, M. D.....	Do.
Olympia.....	W. L. Bridgford, M. D.....	Do.
Port Angeles.....	Wm. H. Taylor, M. D.....	Do.
Seattle.....	*Frank M. Carroll, M. D.....	Commissioner of health.
Spokane.....	*Ralph Hendricks, M. D.....	Commissioner of public affairs and health officer.
Tacoma.....	Samuel M. Creswell, M. D.....	Director of health.
Vancouver.....	*Robert W. Armstrong, M. D.....	City-county health officer.
Walla Walla.....	*Jerry E. Vanderpool, M. D.....	Do.
Wenatchee.....	*Cecil Rhodes Fargher, M. D.....	County and city health officer and physician.
Yakima.....	*Lloyd Moffitt, M. D.....	City health officer.
West Virginia:		
Bluefield.....	*David B. Lepper, M. D., C. P. H.....	City health director.
Charleston.....	*Hugh B. Robins, M. D.....	Health commissioner.
Clarksburg.....	*John Edward Stephenson, M. D.....	City health officer.
Fairmont.....	*J. A. Jamison, M. D.....	Do.
Huntington.....	*Gilbert A. Ratcliff, M. D.....	Director of public health and medical relief.
Martinsburg.....	*Edwin Cameron, M. D.....	Health officer.
Morgantown.....	*R. C. Farrier, M. D.....	City-county health officer.
Moundsville.....	*W. G. C. Hill, Ph. G. M. D.....	Health director.
Parkersburg.....	*Arthur D. Knott, M. D., D. P. H.....	City and county health officer.
Wheeling.....	*Reece M. Pedicord, M. D.....	City-county health commissioner.
Wisconsin:		
Appleton.....	Frank P. Dohearty, M. D.....	Health officer.
Ashland.....	C. O. Hertzman, M. D.....	Health commissioner.
Beloit.....	R. S. Vivian, M. D.....	Health officer.
Cudahy.....	Bernard Krueger, M. D.....	Do.
Eau Claire.....	L. H. Flynn, M. D.....	Do.
Fond du Lac.....	*Marshall O. Boudry, M. D.....	Health officer and city physician.
Green Bay.....	Henry S. Atkinson, M. D.....	City physician and health commissioner.
Janesville.....	Fred B. Welch, M. D.....	City health officer.
Kenosha.....	*Gustave Windesheim, M. D.....	Director of health.
La Crosse.....	*A. M. Murphy.....	Acting health commissioner.
Madison.....	*F. F. Bowman, B. L., M. D.....	Health officer.
Manitowoc.....	George M. Hoffman.....	Commissioner of health.
Marinette.....	J. William Boren, M. D.....	Health commissioner.
Milwaukee.....	*John P. Koehler, M. D.....	Commissioner of health.
	E. V. Brumbaugh, M. D.....	Deputy commissioner of health.
School hygiene division.....	*George P. Barth, M. D.....	Director.
Division of venereal diseases.....	*William J. McKillip, M. D.....	Do.
Vital statistics.....	*George E. Adams.....	Deputy register.
Division of tuberculosis.....	*George R. Ernst, M. D.....	Director.
Contagious disease division.....	*Robert E. Hickey, M. D.....	Do.
Division of food and sanitary inspection.....	*Stanley Pilgrim, M. D. C.....	Do.
Bureau of laboratories.....	*R. W. Cunliffe.....	Do.
Division of child welfare.....	*E. V. Brumbaugh, M. D.....	Do.
Division of nurses.....	*Alma Brunk, R. N.....	Do.
Oshkosh.....	*Joseph John Kronzer, M. D.....	City physician and health commissioner.
Racine.....	*Ira F. Thompson, M. D., M. P. H.....	Commissioner of health.
Sheboygan.....	*G. J. Hildebrand, M. D.....	Commissioner of public health.
Shorewood.....	Jerome M. Jekel, M. D.....	Health commissioner.
South Milwaukee.....	Robert D. Moray, M. D.....	Do.
Stevens Point.....	Ferdinand R. Krembs, M. D.....	Health officer.
Superior.....	*P. G. McGill, M. D.....	Health commissioner.
Two Rivers.....	A. P. Zlatnik, M. D.....	Commissioner of health.
Watertown.....	Felix H. Zimmermann, M. D.....	Health commissioner.
Waukesha.....	Frank M. Scheele, M. D.....	Do.
Wausau.....	*Leigh F. Bugbee.....	Health officer.
Wauwatosa.....	E. F. Peterson, Ph. G., M. D.....	Health commissioner.
West Allis.....	*Charles S. Stern, M. D.....	Commissioner of health.
Wyoming:		
Casper.....	J. C. Kamp, M. D.....	City health officer.
Cheyenne.....	*Henry R. Dillman.....	City and county health officer.

**DEATHS DURING WEEK ENDED APR. 20, 1935**

[From the Weekly Health Index, issued by the Bureau of the Census, Department of Commerce]

	Week ended Apr. 20, 1935	Correspond- ing week, 1934
<b>Data from 86 large cities of the United States:</b>		
Total deaths.....	8,842	8,766
Deaths per 1,000 population, annual basis.....	12.3	12.2
Deaths under 1 year of age.....	610	626
Deaths under 1 year of age per 1,000 estimated live births.....	56	58
Deaths per 1,000 population, annual basis, first 16 weeks of year.....	12.6	12.6
<b>Data from industrial insurance companies:</b>		
Policies in force.....	67,781,169	67,712,710
Number of death claims.....	12,189	14,007
Death claims per 1,000 policies in force, annual rate.....	9.4	10.8
Death claims per 1,000 policies, first 16 weeks of year, annual rate.....	10.7	11.1

# 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 WEEKLY STATE REPORTS

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

**Reports for Weeks Ended Apr. 27, 1935, and Apr. 28, 1934**

*Cases of certain communicable diseases reported by telegraph by State health officers for weeks ended Apr. 27, 1935, and Apr. 28, 1934*

Division and State	Diphtheria		Influenza		Measles		Meningococcus meningitis	
	Week ended Apr. 27, 1935	Week ended Apr. 28, 1934	Week ended Apr. 27, 1935	Week ended Apr. 28, 1934	Week ended Apr. 27, 1935	Week ended Apr. 28, 1934	Week ended Apr. 27, 1935	Week ended Apr. 28, 1934
<b>New England States:</b>								
Maine.....		1	1		223	12	0	1
New Hampshire.....	1				3	194	0	0
Vermont.....					47	60	0	0
Massachusetts.....	5	12			495	2,105	3	3
Rhode Island.....					415	12	2	0
Connecticut.....	2	3	8		1,263	71	0	1
<b>Middle Atlantic States:</b>								
New York.....	23	52	15	110	2,927	965	26	2
New Jersey.....	17	12	17	23	2,140	728	3	1
Pennsylvania.....	67	66			5,634	4,304	5	4
<b>East North Central States:</b>								
Ohio.....	56	22	91	80	2,652	1,357	27	2
Indiana.....	8	17	21	13	403	973	4	0
Illinois.....	66	59	69	17	2,628	1,900	19	8
Michigan.....	11	12	2	2	5,698	258	4	0
Wisconsin.....	2	3	36	39	1,736	2,202	2	0
<b>West North Central States:</b>								
Minnesota.....	6	8			676	231	0	1
Iowa.....	9	10	4	8	275	174	3	6
Missouri.....	31	44	56	103	668	765	11	3
North Dakota.....	5	2	16		40	242	0	0
South Dakota.....		2			45	332	1	0
Nebraska.....	4	5		2	370	351	1	2
Kansas.....	7	3	12	8	1,209	684	1	0
<b>South Atlantic States:</b>								
Delaware.....		1	3		11	100	0	0
Maryland.....	3	4	9	12	85	2,338	9	0
District of Columbia.....	9	9	1		56	171	4	0
Virginia.....	16	15			584	1,310	5	0
West Virginia.....	11	16	54	15	393	77	1	1
North Carolina.....	13	11	8	81	192	2,125	2	1
South Carolina.....	2	7	129	356	24	571	0	0
Georgia.....	3	6				373	0	0
Florida.....	4	5	2		74	932	0	0

See footnotes at end of table.

*Cases of certain communicable diseases reported by telegraph by State health officers for weeks ended Apr. 27, 1935, and Apr. 28, 1934—Continued*

Division and State	Diphtheria		Influenza		Measles		Meningococcus meningitis	
	Week ended Apr. 27, 1935	Week ended Apr. 28, 1934	Week ended Apr. 27, 1935	Week ended Apr. 28, 1934	Week ended Apr. 27, 1935	Week ended Apr. 28, 1934	Week ended Apr. 27, 1935	Week ended Apr. 28, 1934
<b>East South Central States:</b>								
Kentucky.....	10	11	4	31	468	711	10	0
Tennessee.....	11	4	59	28	23	514	6	1
Alabama.....	15	13	58	43	541	609	6	3
Mississippi.....	8	12					0	0
<b>West South Central States:</b>								
Arkansas.....	2	8	13	5	42	89	0	2
Louisiana.....	23	16	7	9	58	352	0	0
Oklahoma.....	10	6	60	47	115	420	2	1
Texas.....	31	56	97	218	214	1,034	0	3
<b>Mountain States:</b>								
Montana.....	2	1	23	75	426	58	2	1
Idaho.....				1	11	32	1	0
Wyoming.....	1	1			79	113	0	0
Colorado.....	7	3			536	449	0	1
New Mexico.....	4	7	1	3	32	159	0	1
Arizona.....	2		14	9	34	39	1	2
Utah.....				2	2	216	0	0
<b>Pacific States:</b>								
Washington.....	3	2			550	167	4	0
Oregon.....	5	1	28	26	310	86	1	0
California.....	29	44	42	26	1,606	751	8	1
<b>Total.....</b>	<b>544</b>	<b>592</b>	<b>950</b>	<b>1,292</b>	<b>36,013</b>	<b>31,666</b>	<b>174</b>	<b>52</b>
<b>First 17 weeks of year.....</b>	<b>11,529</b>	<b>13,613</b>	<b>97,129</b>	<b>41,540</b>	<b>456,754</b>	<b>440,210</b>	<b>2,312</b>	<b>955</b>

Division and State	Poliomyelitis		Scarlet fever		Smallpox		Typhoid fever	
	Week ended Apr. 27, 1935	Week ended Apr. 28, 1934	Week ended Apr. 27, 1935	Week ended Apr. 28, 1934	Week ended Apr. 27, 1935	Week ended Apr. 28, 1934	Week ended Apr. 27, 1935	Week ended Apr. 28, 1934
<b>New England States:</b>								
Maine.....	1	0	11	9	0	0	2	2
New Hampshire.....	0	0	13	7	0	0	0	0
Vermont.....	0	0	14	5	0	0	0	37
Massachusetts.....	1	1	246	217	0	0	2	3
Rhode Island.....	0	0	13	26	0	0	0	0
Connecticut.....	0	0	76	58	0	0	0	0
<b>Middle Atlantic States:</b>								
New York.....	1	1	1,063	938	0	0	3	11
New Jersey.....	2	1	210	207	0	0	5	3
Pennsylvania.....	1	1	781	746	0	0	9	13
<b>East North Central States:</b>								
Ohio.....	0	0	823	866	0	0	5	3
Indiana.....	0	0	125	140	3	0	1	6
Illinois.....	1	1	1,343	568	0	3	8	4
Michigan.....	2	0	331	855	0	3	1	3
Wisconsin.....	0	0	381	193	24	31	1	0
<b>West North Central States:</b>								
Minnesota.....	0	0	424	52	2	8	0	2
Iowa.....	0	0	116	64	1	15	2	0
Missouri.....	2	0	60	86	2	2	7	3
North Dakota.....	0	0	84	19	0	0	2	3
South Dakota.....	0	0	19	3	1	5	0	0
Nebraska.....	0	0	83	44	35	15	1	0
Kansas.....	2	0	81	76	9	0	2	0
<b>South Atlantic States:</b>								
Delaware.....	0	0	10	7	0	0	0	0
Maryland.....	0	0	111	61	0	0	6	1
District of Columbia.....	0	0	64	11	0	0	1	0
Virginia.....	0	0	39	28	0	1	0	6
West Virginia.....	0	0	59	104	0	0	4	6
North Carolina.....	3	0	20	31	1	3	0	2
South Carolina.....	0	0	2	9	0	3	0	6
Georgia.....	0	0	1	4	1	1	7	9
Florida.....	0	0	3	4	0	0	1	1

See footnotes at end of table.

**Cases of certain communicable diseases reported by telegraph by State health officers for weeks ended Apr. 27, 1935, and Apr. 28, 1934—Continued**

Division and State	Poliomyelitis		Scarlet fever		Smallpox		Typhoid fever	
	Week ended Apr. 27, 1935	Week ended Apr. 28, 1934	Week ended Apr. 27, 1935	Week ended Apr. 28, 1934	Week ended Apr. 27, 1935	Week ended Apr. 28, 1934	Week ended Apr. 27, 1935	Week ended Apr. 28, 1934
<b>East South Central States:</b>								
Kentucky.....	0	1	39	46	0	0	14	8
Tennessee.....	0	0	24	11	1	1	2	13
Alabama <sup>1</sup> .....	2	0	5	3	0	2	5	7
Mississippi <sup>1</sup> .....	0	1	3	2	0	0	3	7
<b>West South Central States:</b>								
Arkansas.....	0	0	-----	9	0	2	0	0
Louisiana.....	1	0	11	15	2	6	15	18
Oklahoma <sup>1</sup> .....	0	0	13	9	0	6	2	8
Texas <sup>1</sup> .....	0	0	38	82	0	46	30	16
<b>Mountain States:</b>								
Montana <sup>1</sup> .....	0	0	6	18	19	0	1	2
Idaho <sup>1</sup> .....	0	0	4	1	0	0	0	0
Wyoming <sup>1</sup> .....	0	0	11	9	4	0	0	0
Colorado.....	0	0	176	16	2	1	0	1
New Mexico.....	0	0	24	12	3	0	0	3
Arizona.....	1	1	67	23	0	0	4	0
Utah <sup>1</sup> .....	0	0	153	4	0	0	0	0
<b>Pacific States:</b>								
Washington.....	0	1	49	33	32	15	2	5
Oregon <sup>1</sup> .....	0	0	43	27	4	13	0	0
California.....	3	11	151	212	4	2	5	7
<b>Total.....</b>	<b>23</b>	<b>20</b>	<b>7,423</b>	<b>5,970</b>	<b>150</b>	<b>184</b>	<b>153</b>	<b>219</b>
<b>First 17 weeks of year.....</b>	<b>409</b>	<b>348</b>	<b>122,471</b>	<b>103,014</b>	<b>3,218</b>	<b>2,567</b>	<b>2,256</b>	<b>2,628</b>

<sup>1</sup> New York City only.

<sup>2</sup> Typhus fever, week ended Apr. 27, 1935, 13 cases, as follows: North Carolina, 1; Georgia, 2; Florida, 1; Alabama, 1; Louisiana, 1; Texas, 7.

<sup>3</sup> Week ended earlier than Saturday.

<sup>4</sup> Exclusive of Oklahoma City and Tulsa.

<sup>5</sup> Rocky Mountain spotted fever, week ended Apr. 27, 1935, 11 cases, as follows: Montana, 2; Idaho, 1; Wyoming, 2; Utah, 1; Oregon, 5.

## SUMMARY OF MONTHLY REPORTS FROM STATES

The following summary of cases reported monthly by States is published weekly and covers only those States from which reports are received during the current week.

State	Menin- gococ- cus menin- gitis	Diph- theria	Influ- enza	Malaria	Measles	Pel- lagra	Polio- mye- litis	Scarlet fever	Small- pox	Ty- phoid fever
<b>March 1935</b>										
Alabama.....	15	53	2,477	201	2,142	41	1	54	4	11
Arizona.....	8	10	320	1	180	1	2	191	2	3
Idaho.....	-----	-----	31	-----	353	-----	0	153	1	3
Kansas.....	15	41	53	-----	7,024	-----	0	310	97	2
Louisiana.....	4	106	148	57	743	7	3	62	4	39
Mississippi.....	5	26	7,698	2,529	657	268	0	47	1	18
Missouri.....	65	175	1,201	25	4,257	-----	1	428	30	11
Montana.....	3	26	557	-----	1,041	-----	0	52	29	2
New York.....	80	134	-----	5	10,545	-----	2	4,824	0	30
Oklahoma <sup>1</sup> .....	25	47	747	31	748	8	0	102	4	11
Rhode Island.....	5	1	1	-----	408	-----	0	65	0	1
Washington.....	4	34	139	-----	969	-----	1	241	74	9

<sup>1</sup> Exclusive of Oklahoma City and Tulsa.



March 1935		March 1935—Continued		March 1935—Continued	
Anthrax:	Cases	Mumps:	Cases	Tetanus:	Cases
Montana.....	1	Alabama.....	135	Alabama.....	4
New York.....	2	Arizona.....	108	Louisiana.....	4
Chicken pox:		Idaho.....	2	New York.....	5
Alabama.....	365	Kansas.....	804	Oklahoma <sup>1</sup> .....	1
Arizona.....	118	Louisiana.....	5	Trachoma:	
Idaho.....	36	Mississippi.....	940	Alabama.....	2
Kansas.....	410	Missouri.....	540	Arizona.....	23
Louisiana.....	79	Montana.....	160	Kansas.....	38
Mississippi.....	845	Oklahoma <sup>1</sup> .....	112	Mississippi.....	3
Missouri.....	582	Rhode Island.....	68	Missouri.....	61
Montana.....	138	Washington.....	580	Oklahoma <sup>1</sup> .....	8
New York.....	4,035	Ophthalmia neonatorum:		Trichinosis:	
Oklahoma <sup>1</sup> .....	185	Louisiana.....	1	New York.....	16
Rhode Island.....	142	New York.....	6	Tularaemia:	
Washington.....	716	Paratyphoid fever:		Alabama.....	3
Dengue:		Louisiana.....	1	Louisiana.....	3
Mississippi.....	12	New York.....	8	New York.....	3
Dysentery:		Washington.....	3	Typhus fever:	
Alabama (amoebic).....	2	Puerperal septicemia:		Alabama.....	7
Arizona.....	9	Mississippi.....	21	Louisiana.....	1
Louisiana (amoebic).....	7	Rabies in animals:		New York.....	2
Louisiana (bacillary).....	1	Alabama.....	114	Undulant fever:	
Mississippi (amoebic).....	35	Kansas.....	9	Alabama.....	4
Mississippi (bacillary).....	209	Louisiana.....	38	Arizona.....	1
Missouri.....	6	Mississippi.....	15	Kansas.....	2
New York (amoebic).....	2	Missouri.....	12	Louisiana.....	1
New York (bacillary).....	21	New York <sup>2</sup> .....	1	Missouri.....	1
Oklahoma <sup>1</sup> .....	6	Washington.....	4	Montana.....	1
Washington (amoebic).....	1	Rabies in man:		New York.....	13
Epidemic encephalitis:		Oklahoma <sup>1</sup> .....	1	Oklahoma <sup>1</sup> .....	1
Alabama.....	4	Rocky Mountain spotted fever:		Rhode Island.....	2
Montana.....	2	Idaho.....	4	Vincent's infection:	
New York.....	13	Montana.....	5	Kansas.....	6
Washington.....	4	Scabies:		Montana.....	2
German measles:		Montana.....	4	New York <sup>2</sup> .....	69
Alabama.....	342	Oklahoma <sup>1</sup> .....	3	Oklahoma <sup>1</sup> .....	2
Arizona.....	79	Septic sore throat:		Whooping cough:	
Idaho.....	2	Idaho.....	1	Alabama.....	247
Kansas.....	6,900	Kansas.....	17	Arizona.....	193
Montana.....	2,703	Louisiana.....	8	Idaho.....	83
New York.....	17,358	Missouri.....	123	Kansas.....	315
Rhode Island.....	12	Montana.....	18	Louisiana.....	11
Washington.....	1,623	New York.....	30	Mississippi.....	901
Hookworm disease:		Oklahoma <sup>1</sup> .....	38	Missouri.....	291
Louisiana.....	4	Rhode Island.....	5	Montana.....	163
Mississippi.....	310	Washington.....	6	New York.....	2,999
Impetigo contagiosa:				Oklahoma <sup>1</sup> .....	146
Montana.....	12			Rhode Island.....	43
				Washington.....	113

<sup>1</sup> Exclusive of Oklahoma City and Tulsa.<sup>2</sup> Exclusive of New York City.

## PLAGUE-INFECTED GROUND SQUIRRELS IN MODOC COUNTY, CALIF.

The Director of Public Health of California reports that 7 ground squirrels from ranches 12 miles west and 5 miles south of Alturas, Modoc County, Calif., have been proved positive for plague. The squirrels were received at the laboratory between April 22 and 26, 1935.

## WEEKLY REPORTS FROM CITIES

City reports for week ended April 20, 1935

[This table summarizes the reports received regularly from a selected list of 121 cities for the purpose of showing a cross section of the current urban incidence of the communicable diseases listed in the table. Weekly reports are received from about 700 cities, from which the data are tabulated and filed for reference]

State and city	Diphtheria cases	Influenza		Measles cases	Pneumonia deaths	Scarlet fever cases	Small-pox cases	Tuberculosis deaths	Typhoid fever cases	Whooping cough cases	Deaths, all causes
		Cases	Deaths								
<b>Maine:</b>											
Portland.....	0		0	1	6	0	0	0	1	1	24
<b>New Hampshire:</b>											
Concord.....	0		0	0	2	3	0	0	0	0	9
Nashua.....	0			0		1	0		0	0	
<b>Vermont:</b>											
Barre.....	0			0		0	0		0	0	2
Burlington.....	1		0	35	0	1	0	0	0	0	11
<b>Massachusetts:</b>											
Boston.....	0		3	34	26	46	0	11	1	8	238
Fall River.....	0		0	2	4	4	0	1	0	4	28
Springfield.....	0		0	161	3	24	0	1	0	8	41
Worcester.....	0		1	2	10	11	0	2	0	2	52
<b>Rhode Island:</b>											
Pawtucket.....											
Providence.....	1		1	266	5	5	0	4	0	5	72
<b>Connecticut:</b>											
Bridgeport.....	0	1	1	6	3	17	0	1	0	3	28
Hartford.....	0		0	20	5	12	0	1	0	8	43
New Haven.....	0		0	449	1	0	0	1	0	2	49
<b>New York:</b>											
Buffalo.....	0		1	96	13	59	0	8	0	14	136
New York.....	23	9	7	1,549	174	727	0	96	1	220	1,663
Rochester.....	1		0	220	7	28	0	0	0	21	85
Syracuse.....	0		0	370	5	9	0	1	0	18	50
<b>New Jersey:</b>											
Camden.....	5		0	3	3	7	0	1	0	1	27
Newark.....	0	2	1	425	8	9	0	11	1	63	119
Trenton.....	0		0	6	2	11	0	4	0	2	41
<b>Pennsylvania:</b>											
Philadelphia.....	4	7	4	47	44	114	0	20	1	37	460
Pittsburgh.....	2	1	1	539	20	32	0	5	0	15	141
Reading.....	2		1	44	3	8	0	1	0	0	38
Scranton.....	0			54		1	0		0	1	
<b>Ohio:</b>											
Cincinnati.....	6		4	6	10	22	0	5	0	2	127
Cleveland.....	7	38	1	465	23	53	0	20	0	23	211
Columbus.....	3	5	5	182	5	31	0	5	1	2	91
Toledo.....	0	2	2	93	7	10	0	5	0	11	81
<b>Indiana:</b>											
Fort Wayne.....	2		0	12	2	1	0	0	0	2	31
Indianapolis.....	3		1	147	22	20	0	0	0	40	109
South Bend.....	0		0	4	7	4	0	0	0	0	21
Terre Haute.....	0			1		1	0		0	0	21
<b>Illinois:</b>											
Chicago.....	14	7	0	1,896	64	695	0	28	2	73	743
Springfield.....											
<b>Michigan:</b>											
Detroit.....	6	2	2	2,853	52	154	0	21	0	108	268
Flint.....	1		0	37	6	11	0	1	0	0	38
Grand Rapids.....	0		0	259	1	12	0	1	0	4	36
<b>Wisconsin:</b>											
Kenosha.....	0		0	67	1	18	0	0	0	1	5
Milwaukee.....	0	1	1	143	5	92	0	7	0	43	127
Racine.....	0		0	79	0	20	0	0	0	5	7
Superior.....	0		0	37	0	0	0	0	0	0	9
<b>Minnesota:</b>											
Duluth.....	0		0	185	1	1	0	0	0	1	20
Minneapolis.....	2		2	95	8	145	0	3	0	7	117
St. Paul.....	2	2	2	7	8	79	0	3	0	10	74
<b>Iowa:</b>											
Davenport.....	1			1		1	0		0	0	
Des Moines.....	0			326		4	0		0	1	38
Sioux City.....	0			4		1	0		0	2	
Waterloo.....	3			2		7	0		1	0	
<b>Missouri:</b>											
Kansas City.....	3		1	147	12	14	0	4	1	4	125
St. Joseph.....	1		0	3	2	1	0	2	0	3	19
St. Louis.....	27		0	17	8	21	0	6	1	10	183

## City reports for week ended April 20, 1935—Continued

State and city	Diphtheria cases	Influenza		Measles cases	Pneumonia deaths	Scarlet fever cases	Small-pox cases	Tuberculosis deaths	Typhoid fever cases	Whooping cough cases	Deaths, all causes
		Cases	Deaths								
North Dakota:											
Fargo.....	0		0	1	3	0	0	0	0	1	9
Grand Forks.....	0			0		0	0		0	0	
South Dakota:											
Aberdeen.....	0			8		2	0		0	0	
Sioux Falls.....	0			0		0	0		0	0	6
Nebraska:											
Omaha.....	3		1	43	11	2	2	4	0	1	58
Kansas:											
Topeka.....											
Wichita.....	0		0	269	3	4	0	1	0	10	34
Delaware:											
Wilmington.....	0		0	11	4	2	0	1	0	0	22
Maryland:											
Baltimore.....	2	3	0	13	23	66	0	20	1	27	229
Cumberland.....	2		0	3	1	6	0	0	0	0	19
Frederick.....	0		0	1	0	0	0	0	0	0	4
District of Col.:											
Washington.....	15	2	1	92	7	90	0	17	0	6	179
Virginia:											
Lynchburg.....	0		0	19	2	1	0	0	0	18	12
Norfolk.....	1		0	38	7	0	0	4	0	5	47
Richmond.....	0		0	92	3	4	0	4	1	3	53
Roanoke.....	0		0	6	2	2	0	0	0	0	20
West Virginia:											
Charleston.....	0		0	7	2	0	0	0	0	15	10
Huntington.....	0			3		2	0		0	0	
Wheeling.....	0		0	80	3	8		1	0	5	19
North Carolina:											
Raleigh.....											
Wilmington.....	0		0	1	1	0	0	0	0	11	9
Winston-Salem.....	3	3	0	0	1	1	1	1	0	5	10
South Carolina:											
Charleston.....	0	13	1	0	2	1	0	0	0	0	15
Columbia.....											
Greenville.....	1		0	1	2	0	0		0	3	10
Georgia:											
Atlanta.....	0	7	0	0	11	5	0	6	1	13	81
Brunswick.....	0		0	1	0	0	0	0	0	2	5
Savannah.....	0	6	1	0	4	1	0	2	0	1	37
Florida:											
Miami.....	0	1		0		0			0	0	27
Tampa.....	0	1	1	34	5	0	0	1	2	1	28
Kentucky:											
Ashland.....	0		0	9		0	0		0	0	
Lexington.....	0		0	19	1	0	0	0	0	2	20
Louisville.....	2	4	0	288	13	14	0	3	0	12	99
Tennessee:											
Memphis.....	4		0	0	5	6	0	4	0	0	75
Nashville.....	0		1	0	10	3	0	4	0	0	49
Alabama:											
Birmingham.....	4	6	1	29	2	2	0	4	0	3	67
Mobile.....	0		0	6	0	1	0	2	0	0	23
Montgomery.....	0		0	13	0	0	0	0	0	0	0
Arkansas:											
Fort Smith.....	0			0		0	0		0	0	
Little Rock.....	0		0	62	6	1	0	2	0	11	8
Louisiana:											
New Orleans.....	13	2	0	22	10	3	0	15	0	0	147
Shreveport.....	0		0	2	3	1	0	4	1	0	38
Texas:											
Dallas.....	2	1	1		6	6	0	4	6	0	64
Fort Worth.....	2		0		5	3	0	3	0	5	35
Galveston.....	0		0	0	2	0	0	1	0	0	14
Houston.....	5		1	5	9	2	0	6	1	0	81
San Antonio.....	2		2	0	10	0	0	6	0	0	72
Montana:											
Billings.....	1		0	3	0	0	0	0	0	0	8
Great Falls.....	0		0		4	0	0	0	0	10	14
Helena.....	0		0	2	4	0	0	0	0	8	5
Missoula.....	0		0	125	0	0	0	0	0	8	0

<sup>1</sup> Instead of 11 cases of typhoid fever at Atlanta during the week ended Mar. 23, as published in the Public Health Reports for Apr. 12, 1935, p. 532, 11 cases of whooping cough should have been reported.

## City reports for week ended April 20, 1935—Continued

State and city	Diphtheria cases	Influenza		Measles cases	Pneumonia deaths	Scarlet fever cases	Smallpox cases	Tuberculosis deaths	Typhoid fever cases	Whooping cough cases	Deaths all causes
		Cases	Deaths								
Idaho:											
Boise.....	0	-----	0	2	0	0	0	0	0	0	6
Colorado:											
Denver.....	4	37	1	141	6	149	0	3	0	2	79
Pueblo.....	0	-----	0	164	0	4	0	3	0	3	8
New Mexico:											
Albuquerque.....	0	-----	0	27	1	1	0	2	0	4	5
Utah:											
Salt Lake City.....	3	-----	1	4	4	130	0	1	0	111	38
Nevada:											
Reno.....	0	-----	0	0	0	1	0	0	0	0	4
Washington:											
Seattle.....	0	-----	-----	143	-----	12	2	-----	0	5	-----
Spokane.....	0	-----	0	121	6	7	1	0	0	0	35
Tacoma.....	0	-----	0	5	2	2	0	0	0	0	33
Oregon:											
Portland.....	0	-----	0	79	6	2	0	2	0	0	67
California:											
Los Angeles.....	8	27	0	53	18	35	2	26	1	13	359
Sacramento.....	1	-----	0	92	2	17	0	2	1	0	24
San Francisco.....	1	-----	1	26	6	24	0	6	0	7	147

State and city	Meningococcus meningitis		Polio-myelitis cases	State and city	Meningococcus meningitis		Polio-myelitis cases
	Cases	Deaths			Cases	Deaths	
Massachusetts:				Nebraska:			
Fall River.....	1	0	0	Omaha.....	0	1	0
New York:				Maryland:			
Buffalo.....	0	1	0	Baltimore.....	5	2	0
New York.....	20	8	0	Cumberland.....	0	1	0
New Jersey:				District of Columbia:			
Newark.....	1	0	0	Washington.....	5	3	0
Trenton.....	0	0	1	Virginia:			
Pennsylvania:				Lynchburg.....	1	0	0
Philadelphia.....	2	0	0	South Carolina:			
Pittsburgh.....	1	1	0	Charleston.....	1	0	0
Ohio:				Kentucky:			
Cincinnati.....	5	2	0	Louisville.....	2	0	0
Cleveland.....	2	0	0	Alabama:			
Columbus.....	3	3	0	Birmingham.....	1	0	0
Toledo.....	1	0	0	Colorado:			
Indiana:				Denver.....	0	1	0
South Bend.....	1	0	0	Washington:			
Illinois:				Seattle.....	1	0	0
Chicago.....	15	3	0	Spokane.....	1	0	0
Michigan:				Oregon:			
Detroit.....	1	1	1	Portland.....	1	0	0
Missouri:				California:			
St. Louis.....	4	0	0	Los Angeles.....	1	1	1

*Dengue*.—Miami, 1 case.

*Epidemic encephalitis*.—Cases: New York, 1; Columbus, 2; Indianapolis, 1; Washington, 1; Atlanta, 1.

*Pellagra*.—Cases: Philadelphia, 1; Winston-Salem, 1; Atlanta, 1; Savannah, 5; Montgomery, 1; New Orleans, 1; Dallas, 2; San Francisco, 1.

# FOREIGN AND INSULAR

## CUBA

*Habana—Communicable diseases—4 weeks ended April 13, 1935.*—During the 4 weeks ended April 13, 1935, certain communicable diseases were reported in Habana, Cuba, as follows:

Disease	Cases	Deaths	Disease	Cases	Deaths
Diphtheria.....	4	1	Tuberculosis.....	53	11
Malaria.....	10	4	Typhoid fever.....	11	—
Scarlet fever.....	1	—			

<sup>1</sup> Includes imported cases.

## IRISH FREE STATE

*Vital statistics—Fourth quarter, 1934.*—The following statistics for the Irish Free State for the quarter ended December 31, 1934, are taken from the Quarterly Return of Marriages, Births, and Deaths, issued by the Registrar General, and are provisional:

	Number	Rates per 1,000 population		Number	Rates per 1,000 population
Population.....	3, 013, 000	—	Deaths from—		
Marriages.....	3, 429	4. 60	Dysentery.....	1	—
Births.....	13, 600	18. 10	Influenza.....	100	0. 13
Total deaths.....	9, 206	12. 20	Measles.....	16	—
Deaths under 1 year.....	777	( <sup>1</sup> )	Puerperal sepsis.....	14	<sup>2</sup> 1. 03
Deaths from—			Scarlet fever.....	11	—
Cancer.....	810	1. 08	Tuberculosis (all forms).....	753	1. 00
Diarrhea and enteritis (under 2 years).....	115	—	Typhoid fever.....	19	—
Diphtheria.....	77	—	Whooping cough.....	19	—

<sup>1</sup> Deaths under 1 year per 1,030 births, 57.

<sup>2</sup> Per 1,000 births.

## ITALY

*Communicable diseases—4 weeks ended January 6, 1935.*—During the 4 weeks ended January 6, 1935, cases of certain communicable diseases were reported in Italy, as follows:

Disease	Dec. 10-16, 1934		Dec. 17-23, 1934		Dec. 24-30, 1934		Dec. 31, 1934-Jan. 6, 1935	
	Cases	Communes affected	Cases	Communes affected	Cases	Communes affected	Cases	Communes affected
Anthrax.....	23	20	10	10	14	14	15	14
Cerebrospinal meningitis.....	7	6	8	8	2	2	10	10
Chicken pox.....	549	168	623	171	353	105	419	122
Diphtheria and croup.....	770	304	814	397	602	303	603	326
Dysentery.....	8	7	8	5	7	5	4	3
Lethargic encephalitis.....	4	4	—	—	3	3	2	2
Measles.....	2, 423	303	2, 389	320	1, 840	266	2, 150	300
Poliomyelitis.....	13	12	6	6	6	5	6	4
Scarlet fever.....	505	192	440	179	277	132	352	129
Typhoid fever.....	460	280	465	256	336	200	309	203

## JAMAICA

*Communicable diseases—4 weeks ended April 20, 1935.*—During the 4 weeks ended April 20, 1935, cases of certain communicable diseases were reported in Kingston, Jamaica, and in the island outside of Kingston, as follows:

Disease	Kingston	Other localities	Disease	Kingston	Other localities
Cerebrospinal meningitis.....	1	-----	Leprosy.....	-----	2
Chicken pox.....	20	17	Puerperal fever.....	-----	3
Dysentery.....	2	1	Tuberculosis.....	39	68
Erysipelas.....	1	1	Typhoid fever.....	10	36

## PUERTO RICO

*Notifiable diseases—4 weeks ended April 20, 1935.*—During the 4 weeks ended April 20, 1935, certain notifiable diseases were reported in Puerto Rico, as follows:

Disease	Cases	Disease	Cases
Chicken pox.....	170	Ophthalmia neonatorum.....	5
Diphtheria.....	35	Pellagra.....	1
Dysentery.....	13	Puerperal fever.....	1
Erysipelas.....	2	Ringworm.....	1
Filariasis.....	2	Syphilis.....	37
Framboesia.....	2	Tetanus.....	4
Influenza.....	27	Trachoma.....	1
Malaria.....	825	Tuberculosis.....	1, 103
Measles.....	164	Typhoid fever.....	24
Mumps.....	89	Whooping cough.....	174

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

(NOTE.—A table giving current information of the world prevalence of quarantinable diseases appeared in the PUBLIC HEALTH REPORTS for Apr. 26, 1935, pp. 580-594. A similar cumulative table will appear in the PUBLIC HEALTH REPORTS to be issued May 31, 1935, and thereafter, at least for the time being, in the issue published on the last Friday of each month.)

## Cholera

*India (French)—Chandernagor.*—During the week ended March 30, 1935, 16 cases of cholera with 7 deaths were reported at Chandernagor, French India.

## Plague

*Hawaii Territory—Maui Island—Makawao District—Kahului.*—A rat found dead April 23, 1935, 10 miles from the port of Kahului, Makawao District, Maui Island, Hawaii Territory, has been proved plague infected.

*Indo-China—Tanghai Island.*—On April 12, 1935, 12 cases of plague were reported at Tanghai Island, Indo-China.

## Typhus fever

*Iraq—Sulaimani liwa.*—On April 23, 1935, 18 cases of typhus fever were reported at Sulaimani liwa, Iraq.