

PUBLIC HEALTH REPORTS

VOL. 32

AUGUST 3, 1917

No. 31

HEALTH DEPARTMENT LABORATORIES.

THE NEED FOR THEIR CAREFUL SUPERVISION.

Recently in a city in New England an unusual number of cases of diphtheria were recorded.

Study of the cases showed that the diagnoses were based upon laboratory examinations. Further inquiry revealed that during the period of the unusual prevalence the examination of diphtheria cultures in the laboratory had been carried on by two different men, the usual bacteriologist and a temporary substitute who did the work part of the time. The findings of these men differed widely. The substitute bacteriologist did the work from May 27 to June 2, and of 46 specimens submitted for diagnosis he found 33 positive, 12 negative, and one liquefied.

From June 4 to June 16, inclusive, the regular bacteriologist was on duty, and of 51 specimens examined he found 8 positive and 43 negative.

From June 18 to July 7 the substitute was again on duty, and of 104 specimens examined he reported 77 positive and 27 negative.

From July 8 to 10, inclusive, the regular bacteriologist was on duty, and of 18 specimens examined he found 2 positive and 16 negative.

The apparent prevalence of a considerable outbreak of diphtheria was evidently due to the inexperience and lack of training of the substitute. In this connection one is reminded of the bacteriologist of the health department of a large city who, instead of examining his diphtheria specimens, threw them into the waste basket and marked the reports negative, a practice that was without serious result until a diphtheria epidemic assumed unusual proportions and was discovered only by accident.

MALARIA IN KENTUCKY.

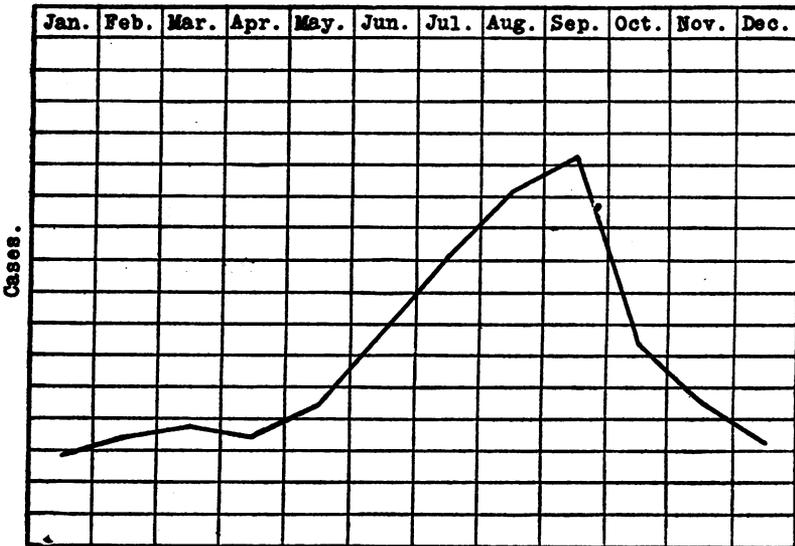
PREVALENCE AND GEOGRAPHIC DISTRIBUTION.

The periodical circularization of the physicians of Kentucky to determine the prevalence and geographic distribution of malarial infection in the State was begun July 1, 1914, and continued to the end of the calendar year 1916. At regular intervals reply postal cards were sent to the practicing physicians. These cards were at

first sent out each month. Beginning with April 1, 1915, they were sent out quarterly.¹ A reproduction of the card used during 1915 and 1916 will be found on page 1128 of the Public Health Reports of the issue of July 20, 1917.

Of the cards sent to physicians an average of less than 15 per cent were returned. Those returning the cards with the requested data filled in undoubtedly constituted the better class of practitioners—those who understood most clearly what was wanted and the value of the work. The number of cards sent out, the number of schedules returned, and the counties represented at each circularization are shown in Table 1.

It is to be borne in mind that the number of cases reported by the physicians by no means shows the number of cases that occurred, for



Relative prevalence of malaria in Kentucky, by months, as indicated by the numbers of cases reported.

an average of less than 15 per cent of the physicians returned the schedules.

The return of the schedules by the physicians being a matter of voluntary cooperation, the data are undoubtedly reliable to an unusual degree as regards the experience of the physicians who cooperated and the number of cases seen by them. However, the cases reported represent only those occurring in the practices of the physicians who cooperated. The total number of cases of malaria occurring in the practices of all the physicians of the State must have been many times greater, also the number of cases that occurred in

¹ The work of circularization and of compilation of the data on the return cards was carried on by the late Surg. R. H. von Ezdorf up to the time of his death in September, 1916. Since then it has been carried on by Asst. Surg. R. C. Derivaux and Asst. Surg. Gen. H. R. Carter.

which no physician was in attendance or consulted was probably much greater than the number coming under medical care.

The physicians who cooperated were distributed as to locality throughout all sections of the State, so that the data of the occurrence of malaria furnished by them show the geographic distribution of the disease and reasonably accurately its relative prevalence in the various localities.

The cases reported throughout the State by months are shown in Table 2. The relative numbers of cases reported by months are shown in the chart.

The number of cases reported from the several counties of the State are given by race and year in Table 3.

The map on page 1216 shows the relative prevalence of the disease in the several counties of the State, the heavier shaded counties being those in which the infection is heaviest, the unshaded counties those in which the infection is lightest, as indicated by the numbers of cases reported. The relative density of infection was determined by ascertaining the number of cases reported in each county from July 1, 1914, to the end of the calendar year 1916 per 1,000 population. The population used was that of the 1910 census, it being impracticable to estimate populations for the period of the circularization.

The types of malarial infection reported to have been diagnosed microscopically are shown in Table 4. It will be noted that tertian infection was reported to have been so diagnosed in 42 counties, quartan in 13 counties, and estivo-autumnal in 15 counties.

TABLE 1.—Results of circularization of practicing physicians.

Period.	Inquiry cards sent to physicians.	Replies received.	Percentage of replies.	Counties represented in replies.	Counties not heard from.	Cases of malaria reported.
1914.						
July to December.....	20,990	3,334	15.88			6,648
1915.						
January to March.....	10,500	1,798	17.12	120	0	860
April to June.....	3,500	464	13.26	110	10	894
July to September.....	3,500	540	15.43	110	10	2,751
October to December.....	3,500	630	18.00	113	7	1,560
1916.						
January to March.....	3,500	415	11.85	94	26	642
April to June.....	3,500	456	13.02	100	20	1,331
July to September.....	3,500	375	10.71	98	22	2,123
October to December.....	3,500	273	7.80	78	42	564

TABLE 2.—Cases of malaria reported, by months.

Year.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1914.....							1,552	1,071	955	837	1,909	324
1915.....	263	334	263	219	272	403	742	907	1,102	744	501	315
1916.....	162	183	297	314	396	621	632	756	735	220	187	157

TABLE 3.—Cases reported, by counties, by years, and by color.

County.	July 1 to Dec. 31, 1914.			Calendar year 1915.			Calendar year 1916.		
	White.	Colored.	Com-bined.	White.	Colored.	Com-bined.	White.	Colored.	Com-bined.
Adair.....	33	1	34	41	.....	41	.....	.....	.....
Allen.....	23	1	24	60	.....	60	12	1	13
Anderson.....	2	.....	2	8	.....	8	.....	.....	.....
Ballard.....	79	17	96	253	85	338	242	41	283
Barren.....	64	9	73	56	7	63	43	9	52
Bath.....	18	1	19	22	5	27	24	14	38
Bell.....	2	.....	2	1	.....	1	.....	.....	.....
Boone.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bourbon.....	9	6	15	3	.....	3	1	.....	1
Boyd.....	3	.....	3	3	.....	3	2	.....	2
Boyle.....	11	.....	11	16	4	20	4	.....	4
Bracken.....	8	.....	8	.....	.....	.....	.....	.....	.....
Breathitt.....	22	5	27	4	.....	4	1	.....	1
Breckinridge.....	141	11	152	89	19	108	34	15	49
Bullitt.....	65	7	72	153	5	158	2	1	3
Butler.....	101	11	112	24	.....	24	.....	.....	.....
Caldwell.....	165	41	206	54	26	80	94	26	120
Calloway.....	139	13	152	131	12	143	132	.....	132
Campbell.....	5	.....	5	10	.....	10	3	.....	3
Carlisle.....	110	16	126	186	38	224	112	5	117
Carroll.....	27	.....	27	6	.....	6	8	.....	8
Carter.....	11	.....	11	6	.....	6	8	.....	8
Casey.....	3	.....	3	33	.....	33	9	.....	9
Christian.....	923	525	1,448	93	69	162	28	48	76
Clark.....	6	2	8	6	.....	6	1	.....	1
Clay.....	5	.....	5	18	.....	18	4	.....	4
Clinton.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Crittenden.....	8	1	9	15	.....	15	24	4	28
Cumberland.....	35	1	36	44	18	62	40	10	50
Daviess.....	162	18	180	418	107	525	418	141	559
Edmonson.....	.....	.....	.....	7	3	10	.....	.....	.....
Elliott.....	2	.....	2	2	.....	2	.....	.....	.....
Estill.....	7	1	8	7	1	8	13	5	18
Fayette.....	6	.....	6	11	.....	11	6	.....	6
Fleming.....	17	2	19	38	3	41	32	3	35
Floyd.....	4	.....	4	8	.....	8	1	.....	1
Franklin.....	14	.....	14	32	.....	32	35	.....	35
Fulton.....	213	41	254	177	58	235	226	79	305
Gallatin.....	10	.....	10	.....	.....	.....	1	.....	1
Garrard.....	16	3	19	26	2	28	.....	.....	.....
Grant.....	12	3	15	.....	.....	.....	.....	.....	.....
Graves.....	165	39	204	214	28	242	270	14	284
Grayson.....	4	.....	4	20	2	22	21	.....	21
Green.....	3	.....	3	1	.....	1	.....	.....	.....
Greenup.....	15	.....	15	14	.....	14	1	.....	1
Hancock.....	35	1	36	.....	.....	.....	.....	.....	.....
Hardin.....	66	5	71	108	6	114	66	1	67
Harlan.....	7	.....	7	10	3	13	2	.....	2
Harrison.....	15	.....	15	4	3	7	4	1	5
Hart.....	41	4	45	83	23	106	.....	.....	.....
Henderson.....	101	36	137	96	15	111	96	18	114
Henry.....	27	8	35	16	8	24	1	.....	1
Hickman.....	85	17	102	82	7	89	17	6	23
Hopkins.....	59	12	71	100	73	173	45	22	67
Jackson.....	18	.....	18	22	.....	22	30	.....	30
Jefferson.....	403	84	487	549	40	589	213	34	247
Jessamine.....	13	.....	13	45	7	52	32	.....	35
Johnson.....	.....	.....	.....	9	.....	9	1	.....	1
Kenton.....	7	.....	7	12	1	13	3	1	4
Knott.....	3	.....	3	62	17	79	7	1	8
Knox.....	9	.....	9	8	.....	8	8	.....	8
Larue.....	12	.....	12	63	.....	63	4	.....	4
Laurel.....	7	.....	7	8	.....	8	4	.....	4
Lawrence.....	2	.....	2	3	.....	3	1	1	2
Lee.....	57	19	76	4	3	7	4	.....	4
Leslie.....	.....	.....	.....	4	1	5	.....	.....	.....
Letcher.....	4	.....	4	3	.....	3	40	20	60
Lewis.....	1	.....	1	17	3	20	8	.....	8
Lincoln.....	32	12	44	25	4	29	23	1	24
Livingston.....	2	.....	2	6	.....	6	3	.....	3
Logan.....	124	34	158	158	28	186	130	35	165
Lyon.....	51	21	72	10	10	20	46	33	79
McCracken.....	181	28	209	125	3	128	211	12	223
McCreary.....	5	.....	5	8	.....	8	1	.....	1
McLean.....	82	17	99	39	23	62	11	2	13
Madison.....	14	.....	14	9	.....	9	6	.....	6
Magoffin.....	4	.....	4	12	.....	12	2	.....	2
Marion.....	24	6	30	8	1	9	1	.....	1

TABLE 3.—Cases reported, by counties, by years, and by color—Continued.

County.	July 1 to Dec. 31, 1914.			Calendar year 1915.			Calendar year 1916.		
	White.	Colored.	Combined.	White.	Colored.	Combined.	White.	Colored.	Combined.
Marshall.....	238	37	275	218	2	220	257		257
Martin.....									
Mason.....	4	1	5	4		4	8	2	10
Meade.....	57	6	63	22	7	29	34	8	42
Menifee.....	24	2	26				10		10
Mercer.....	28	2	30	25	1	26	8		8
Metcalfe.....	40	4	44	40	8	48	53	7	60
Monroe.....	23	4	27	70	16	86	69	14	83
Montgomery.....	4	2	6	4	1	5			
Morgan.....	4		4			2	3		3
Muhlenberg.....	183	4	187	86	13	99	30	4	34
Nelson.....	4	4	8				2	1	3
Nicholas.....	2		2	6		6			
Ohio.....	54	7	61	126	14	140	65	13	78
Oldham.....	2		2	3	2	5	1	2	3
Owen.....	2		2	1		1			
Owsley.....		2	2	1		1	3		3
Pendleton.....	2		2	3	1	4			
Perry.....	11	1	12	13	18	31	6		6
Pike.....	12	1	13	12		12	15	6	21
Powell.....	6		6	5		5	99	28	127
Pulaski.....	18	5	23				11		11
Robertson.....	5	1	6						
Rockcastle.....	2		2	1		1	8		8
Rowan.....	3		3						
Russell.....	40		40	10		10	24		24
Scott.....	6	2	8	11	5	16	10	1	11
Shelby.....	13	5	18	9		9			
Simpson.....	17	3	20	47	14	61	39		39
Spencer.....				2		2	7		7
Taylor.....	14	10	24	7		7	11	1	12
Todd.....	21	14	35	6	1	7		22	22
Trigg.....	17	3	20	15		15	18		18
Trimble.....	55		55	1		1			
Union.....	103	60	163	68	7	75	5	7	12
Warren.....	67	9	76	203	49	252	134	42	176
Washington.....	6		6				5		5
Wayne.....	6	2	8	1		1	1		1
Webster.....	84	17	101	51	20	71	21	19	40
Whitley.....	2		2	9		9	29	2	31
Wolfe.....	13		13	8	4	12	11	2	13
Woodford.....	12		12	2		2	1		1
Total.....	5,361	1,287	6,648	5,110	955	6,065	3,869	791	4,660

TABLE 4.—Types of infection reported diagnosed microscopically, by counties.

[The figures indicate the numbers of cases reported diagnosed microscopically. The sign + indicates that cases were reported, but the diagnosis was not confirmed by the microscope. This information was collected for three months only.]

County.	July-September, 1914.			County.	July-September, 1914.		
	Tertian.	Quartan.	Estivo-autum-nal.		Tertian.	Quartan.	Estivo-autum-nal.
Adair.....	+	+	+	Knox.....	+		
Allen.....	+	+	+	Larue.....	1		9
Ballard.....	+	+	+	Laurel.....	2		
Barren.....	3	+	+	Lawrence.....	+	+	
Bath.....	+	1	+	Lee.....	2		+
Bell.....	+			Lewis.....	+	+	+
Bourbon.....	+		+	Lincoln.....	6		+
Boyd.....	+			Logan.....	4	+	3
Boyle.....	+			Lyon.....	1	1	1
Bracken.....	+			McCracken.....	20	1	1
Breathitt.....	+	+	+	McCary.....	+		
Breckinridge.....	8	+	+	McLean.....	+	+	+
Bullitt.....	5		+	Madison.....	+	+	
Butler.....	+	+	+	Magnolia.....	+		
Caldwell.....	24	+	+	Marion.....	+	+	
Calloway.....	10	3	13	Marshall.....	+	+	+
Campbell.....	+	1		Mason.....	3		
Carlisle.....	+	+	+	Meade.....	+	+	+
Carroll.....	7	5	+	Menifee.....	+	+	+
Carter.....	+	+	3	Mercer.....	2	+	+
Christian.....	1	+	6	Metcalfe.....	+	+	1
Clark.....	+	+		Monroe.....	+		+
Clay.....	+		1	Montgomery.....	2		
Clinton.....	+			Morgan.....	+		
Crittenden.....	+		+	Muhlenberg.....	15	5	12
Cumberland.....	+	+	+	Ohio.....	+	+	+
Daviess.....	6	1	+	Oldham.....	+		
Estill.....	+			Owen.....	+		
Fayette.....	2			Owsley.....			+
Fleming.....	4	2	1	Pendleton.....	2	+	+
Floyd.....	1			Ferry.....	5	+	+
Franklin.....	+			Pike.....	5		
Fulton.....	+			Powell.....	1		
Gallatin.....	+		+	Pulaski.....	1		
Garrard.....	+			Robertson.....	+	+	
Grant.....	+	+	+	Rowan.....	+		
Graves.....	4	14	6	Russell.....	2		
Grayson.....	+	2		Scott.....	+		
Green.....	1		+	Shelby.....	+		
Greenup.....	5		1	Simpson.....	1		
Hancock.....	+	+		Taylor.....	+		
Hardin.....	6		+	Todd.....	+	+	+
Harrison.....	+			Trigg.....	+	+	
Hart.....	+	+	+	Trimble.....	+	+	+
Henderson.....	8	+	+	Union.....	20	+	+
Henry.....	4	+	+	Warren.....	3	+	2
Hickman.....	1		+	Washington.....	+		
Hopkins.....	1	+		Wayne.....	+		
Jackson.....	1	+	2	Webster.....	+	+	+
Jefferson.....	48	13	26	Wheatley.....			+
Jessamine.....	+	1	+	Wolfe.....	2	+	
Kenton.....	1		+				
Knott.....	1			Total.....	216	50	87

DIRECTORY OF CITY HEALTH OFFICERS.

CONTAINING THE NAMES AND OFFICIAL TITLES OF THE HEALTH OFFICERS OF CITIES HAVING A POPULATION OF 10,000 AND OVER IN 1910.

During 1916 a directory of city health officers was compiled and published in the Public Health Reports of June 30, 1916, and as reprint No. 346.

The following is the directory for 1917, and was obtained by sending blank forms requesting information to the health officers of

cities in the United States having a population of 10,000 and over in 1910. The cities listed below are the ones from which the information was returned, and the data are as given by the respective health departments.

Full-time officers are indicated by an asterisk (*). For the purpose of this directory, a full-time officer is defined as one who does not engage in the private practice of medicine or in any occupation other than his official duties.

City.	Name of health officer.	Official title.
Alabama:		
Birmingham.....	*F. E. Harrington, M. D.¹.....	Health officer.
Mobile.....	Chas. A. Mohr, M. D.....	City health officer.
Arizona:		
Phoenix.....	H. K. Beauchamp, M. D.....	Health officer.
Tucson.....	Meade Clyne, M. D.....	City health officer.
Arkansas:		
Argenta.....	Arden Thomas McKinney, M. D.	Do.
Fort Smith.....	Cons. P. Wilson, jr., M. D.....	City health officer and bacteriologist.
Hot Springs.....	John S. Wood, M. D.....	City health officer.
Little Rock.....	Milton Vaughan, M. D.....	Health commissioner.
California:		
Alameda.....	A. Hieronymus, M. D.....	Health officer.
Bakersfield.....	P. J. Cuneo, M. D.....	City health officer.
Berkeley.....	J. J. Benton, M. D.....	Health officer.
Fresno.....	A. H. Sweeney, M. D.....	City health officer.
Long Beach.....	*Ralph L. Taylor, M. D.....	Health officer.
Los Angeles.....	*L. M. Powers, M. D.....	Health commissioner.
Oakland.....	Kirby B. Smith, M. D.....	Health officer.
Pasadena.....	Stanley P. Black, M. D.....	Do.
Pomona.....	Newton J. Rice, M. D.....	Do.
Redlands.....	*F. H. Folkins, M. D.....	City health physician.
Riverside.....	Chas. W. Girdlestone, M. D.....	City health officer.
Sacramento.....	*G. C. Simmons, M. D.....	Acting health officer.
San Bernardino.....	Frank M. Gardner, M. D.....	Health officer.
San Diego.....	Alfred E. Banks, M. D.....	Do.
San Francisco.....	*Wm. C. Hassler, M. D.....	Do.
San Jose.....	D. A. Beattie, M. D.....	Do.
Santa Barbara.....	C. S. Stevens, M. D.....	Do.
Santa Cruz.....	H. E. Piper, M. D.....	Do.
Stockton.....	Linwood Dozier, M. D.....	Do.
Colorado:		
Colorado Springs.....	Omer R. Gillett, M. D.....	Do.
Denver.....	*Wm. H. Sharpley, M. D.².....	Manager health and charity.
Trinidad.....	G. W. Robinson, M. D.....	City physician.
Connecticut:		
Bridgeport.....	*Walter H. Brown, M. D.....	Health officer.
Greenwich.....	Alvin W. Klein, M. D.....	Do.
Hartford.....	*Chas. P. Botsford, M. D.....	Superintendent of health.
Meriden.....	Louis F. Wheatley, M. D.....	City health officer.
New Britain.....	*T. E. Reeks, M. D.....	Superintendent of health.
Norwalk.....	Wm. J. Tracey, M. D.....	Health officer.

* Full-time officer.

¹ Also health officer for Jefferson County and all cities and towns in the county.

² Also health officer for Denver County.

City.	Name of health officer.	Official title.
Connecticut—Continued.		
Orange.....	C. A. Beran, M. D.....	Town health officer.
Stamford.....	E. Everett Rowell, M. D.....	City health officer.
Wallingford.....	Wm. J. Riordan, M. D.....	
Waterbury.....	Thomas J. Kilmartin, M. D.....	Health officer.
Willimantic.....	Chas. A. Jenkins, M. D.....	Acting health officer.
District of Columbia:		
Washington.....	*Wm. C. Woodward, M. D.....	Health officer.
Florida:		
Jacksonville.....	*C. H. Dobbs, M. D.....	City health officer
Key West.....	J. N. Fogarty, M. D.....	Do.
Tampa.....	Sheldon Stringer, M. D.....	Do.
Georgia:		
Atlanta.....	*J. P. Kennedy, M. D.....	Health officer.
Augusta.....	Eugene E. Murphey, M. D.....	President board of health (ex-officio health officer).
Brunswick.....	*Thomas F. Abercrombie, M. D. ¹	Commissioner of health.
Macon.....	O. H. Weaver, M. D.....	Chairman board of health.
Savannah.....	*Wm. F. Brunner, M. D.....	Health officer.
Illinois:		
Alton.....	A. P. Robertson, M. D.....	Health commissioner.
Aurora.....	G. B. Schwachtgen, M. D.....	Do.
Belleville.....	B. H. Portnondo, M. D.....	President board of health.
Cairo.....	W. C. Clarke, M. D.....	City physician and health officer.
Champaign.....	W. E. Schowengerdt, M. D.....	Health officer.
Chicago.....	John Dill Robertson, M. D.....	Commissioner of health.
Chicago Heights.....	Ira C. Harman, M. D.....	Do.
Danville.....	Seward L. Landaner, M. D.....	Health commissioner.
Decatur.....	Wm. J. Harding.....	Health officer.
East St. Louis.....	R. X. McCracken, M. D.....	Health commissioner.
Elgin.....	A. J. Volstorff.....	Health officer.
Evanston.....	Clarence T. Roome, M. D.....	Commissioner of health.
Galesburg.....	Fred G. Hall, M. D.....	Health commissioner.
Granite City.....	L. D. Darner, M. D.....	City physician.
Jacksonville.....	A. M. King, M. D.....	City health physician.
La Salle.....	*G. F. Ruediger, M. D. ²	Health commissioner.
Mattoon.....	F. E. Bell, M. D.....	Health officer.
Oak Park.....	*Carl E. Buck.....	Commissioner of health and local registrar.
Oglesby.....	*G. F. Ruediger, M. D. ²	Health commissioner.
Peoria.....	E. A. Garrett, M. D.....	Commissioner of health.
Peru.....	*G. F. Ruediger, M. D. ²	Health commissioner.
Rock Island.....	C. G. Foster, M. D.....	Do.
Springfield.....	Otto H. Deichmann, M. D.....	Superintendent public health.
Indiana:		
Anderson.....	J. C. Long, M. D.....	Secretary city health board.
Elkhart.....	L. A. Elliott, M. D.....	Secretary board of health.
Elwood.....	J. F. Ginn, M. D.....	Do.
Fort Wayne.....	J. H. Gilpin, M. D.....	Secretary.
Hammond.....	Wm. D. Weis, M. D.....	
Huntington.....	B. H. Grayston, M. D.....	Secretary city board of health.
Indianapolis.....	*Herman G. Morgan, M. D.....	City sanitarian.

* Full-time officer.

¹ Also health officer for Glynn County.

² Health officer for La Salle, Oglesby, and Peru.

City.	Name of health officer.	Official title.
Indiana—Continued.		
Jeffersonville.....	O. P. Graham, M. D.....	City health officer.
Kokomo.....	Edgar Cox, M. D.....	Do.
La Fayette.....	D. C. McClelland, M. D.....	Secretary board of health.
Laporte.....	Harry J. Thompson, M. D.....	City health officer.
Logansport.....	Rodney E. Troutman, M. D.....	Secretary board of health.
Marion.....	Merrill S. Davis, M. D.....	City health officer.
Mishawaka.....	C. A. Dresch, M. D.....	Health officer.
Muncie.....	Clarence G. Rea, M. D.....	Secretary board of health.
New Albany.....	Chester C. Funk, M. D.....	Do.
Richmond.....	S. G. Smelser, M. D.....	Do.
South Bend.....	Charles S. Bosenbury, M. D.....	Do.
Terre Haute.....	T. W. Moorhead, M. D.....	Secretary department public health and charity.
Iowa:		
Burlington.....	O. W. Boatman, M. D.....	City health officer.
Clinton.....	H. R. Sugg, M. D.....	Health officer.
Council Bluffs.....	Chas. H. Bower, M. D.....	Do.
Davenport.....	*Thomas P. Kennedy.....	Do.
Dubuque.....	Chas. M. Linehan, M. D.....	Do.
Keokuk.....	C. H. Fegers, M. D.....	Physician to board of health.
Marshalltown.....	Aaron C. Conaway, M. D.....	Health officer.
Mason City.....	*A. L. Wheeler, M. D.....	Superintendent department of health and sanitation.
Muscatine.....	Arthur J. Weaver, M. D.....	City health physician.
Sioux City.....	B. Caurshon, M. D.....	Health officer.
Waterloo.....	J. E. Ridenour, M. D.....	Do.
Kansas:		
Hutchinson.....	W. F. Schoor, M. D.....	City physician and secretary board of health.
Independence.....	W. B. Kelly, M. D.....	City physician.
Kansas City.....	C. W. McLaughlin, M. D.....	Commissioner board of health.
Leavenworth.....	Chas. J. McGee, M. D.....	City physician.
Parsons.....	George W. Gabriel, M. D.....	President board of health and city physician.
Pittsburg.....	Chas. A. Dudley, M. D.....	Health commissioner.
Topeka.....	*Herbert L. Clark, M. D.....	City physician and health officer.
Kentucky:		
Covington.....	Joseph M. O'Maley, M. D.....	Health officer.
Frankfort.....	R. M. Coblin, M. D.....	City health officer.
Henderson.....	W. A. Poole, M. D.....	Health officer.
Lexington.....	*John D. Maguire, M. D.....	Do.
Louisville.....	*W. Ed. Grant, M. D.....	City health officer.
Newport.....	John Todd, M. D.....	Do.
Owensboro.....	A. McKenney, M. D.....	Do.
Paducah.....	H. P. Linn, M. D.....	Health officer.
Louisiana:		
Alexandria.....	J. A. White, M. D.....	President city board of health.
Monroe.....	F. C. Bennett, M. D.....	President board of health.
New Orleans.....	W. H. Robin, M. D.....	Superintendent of public health.
Shreveport.....	G. C. Chandler, M. D.....	President board of health and health officer.
Maine:		
Augusta.....	George A. Coombs, M. D.....	Health officer.
Waterville.....	F. C. Thayer, M. D.....	Do.

* Full-time officer.

City.	Name of health officer.	Official title.
Maryland:		
Baltimore.....	John D. Blake, M. D.....	Commissioner of health.
Cumberland.....	*Max J. Colton.....	Health officer.
Frederick.....	Ira J. McCurdy, M. D.....	City health officer.
Massachusetts:		
Attleboro.....	Ralph P. Kent, M. D.....	Health officer.
Beverly.....	Alonzo O. Woodbury.....	Clerk and agent.
Boston.....	*Francis X. Mahoney, M. D.....	Health commissioner.
Brockton.....	*George M. Gifford.....	Executive officer of the board of health.
Brookline.....	Francis P. Denny, M. D.....	Agent and health officer.
Chelsea.....	*Wm. J. Randall.....	Health officer.
Chicopee.....	*Chas. J. O'Brien.....	Agent board of health.
Clinton.....	*Edward De Courcy.....	Do.
Everett.....	*John W. Seaver.....	Agent health department.
Fall River.....	*Samuel B. Morriss.....	Agent board of health.
Fitchburg.....	*Fred R. Brigham.....	Do.
Gardner.....	Wm. P. O'Donnell.....	Health officer.
Greenfield.....	George P. Moore.....	Board of health agent.
Lawrence.....	*Wm. T. Sellers.....	Clerk of public health.
Leominster.....	*Michael J. Butler.....	Agent and plumbing inspector.
Lowell.....	*Frederick A. Bates.....	Agent.
Lynn.....	*John W. Tapper.....	Chairman.
Malden.....	Chas. E. Prior, M. D.....	Chairman board of health.
Medford.....	Paul J. D. Haley, M. D.....	Medical inspector.
Melrose.....	Clarence P. Holden, M. D.....	Chairman board of health.
New Bedford.....	*Wm. G. Kirschbaum.....	Agent and executive officer.
Newburyport.....	*Wm. Thurston.....	Health officer.
Newton.....	*Francis George Curtis.....	Chairman.
North Adams.....	*D. W. Hyde.....	Agent board of health.
Northampton.....	George R. Turner.....	Do.
Peabody.....	James J. Ray.....	Agent.
Pittsfield.....	Maurice S. Eisner, M. D.....	Medical agent board of health.
Quincy.....	*Edward J. Lennon.....	Sanitary inspector.
Salem.....	*John J. McGrath.....	Agent board of health.
Somerville.....	Frank L. Morse, M. D.....	Medical inspector.
Springfield.....	*Wm. L. Young.....	Agent board of health.
Taunton.....	Thomas J. Robinson, M. D.....	Chairman board of health.
Waltham.....	*A. L. Stone, M. D.....	Agent board of health.
Watertown.....	Everett B. Johnson.....	Do.
Webster.....	Otto K. Gotzke.....	Agent.
Westfield.....	Walter H. Jenkins.....	Agent board of health.
Winthrop.....	*Smith A. Mowry.....	Agent.
Worcester.....	James C. Coffey.....	Executive officer.
Michigan:		
Adrian.....	J. P. Bland, M. D.....	Health officer.
Alpena.....	James Eakins, M. D.....	Do.
Ann Arbor.....	John A. Wessinger, M. D.....	Do.
Battle Creek.....	Eugene Miller, M. D.....	Do.
Bay City.....	John A. Keho, M. D.....	Do.
Detroit.....	*James W. Inches, M. D.....	Do.
Flint.....	*Wm. DeKleine, M. D.....	Do.
Grand Rapids.....	*C. C. Slemmons, M. D.....	Do.
Jackson.....	*C. G. Parnall, M. D.....	Do.
Kalamazoo.....	R. Genung Leland, M. D.....	Do.
Ishpeming.....	George G. Barnett, M. D.....	Do.
Lansing.....	*Chas. F. Lynch.....	Do.

*Full-time officer.

City.	Name of health officer.	Official title.
Michigan—Continued.		
Manistee.....	Ellsworth S. Ellis, M. D.....	Health officer.
Marquette.....	*Arthur K. Bennett, M. D.....	Do.
Muskegon.....	Arthur B. Egan, M. D.....	Do.
Pontiac.....	Chas. A. Neafe, M. D.....	Do.
Saginaw.....	Wm. J. O'Reilly, M. D.....	City health officer.
Sault Ste. Marie.....	J. J. Griffin, M. D.....	Health officer and milk inspector.
Traverse City.....	*George A. Holliday.....	Health officer.
Minnesota:		
Mankato.....	A. V. Denman, M. D.....	Health commissioner.
Minneapolis.....	H. M. Guilford, M. D.....	Do.
St. Cloud.....	P. E. Stangl, M. D.....	City physician.
Stillwater.....	J. H. Haines, M. D.....	Health commissioner.
Virginia.....	John H. Crowe, M. D.....	Health officer.
Winona.....	Donald B. Pritchard, M. D.....	Do.
Mississippi:		
Hattiesburg.....	Robert Donald, M. D. 1.....	City health officer.
Jackson.....	Nolan Stewart, M. D.....	Do.
Meridian.....	T. J. Houston, M. D.....	Do.
Natchez.....	Richard D. Sessions, M. D.....	Do.
Missouri:		
St. Joseph.....	*Hasbrouck Delamater, M. D.....	Health officer.
Springfield.....	*Edwin F. James, M. D.....	Commissioner of health and sanitation.
Webb City.....	O. S. Wilfley, M. D.....	City physician.
Montana:		
Billings.....	Louis W. Allard, M. D.....	Health officer.
Helena.....	Wm. C. Riddell, M. D.....	Secretary city board of health.
Nebraska:		
Grand Island.....	Leo Phelan, M. D.....	City physician and health officer.
Lincoln.....	*Chauncey F. Chapman, M. D.....	Superintendent of health.
Omaha.....	R. W. Connell, M. D.....	Health commissioner.
Nevada:		
Reno.....	W. L. Samuels, M. D.....	Secretary city board of health.
New Hampshire:		
Berlin.....	*Lawrence P. Geer.....	Health officer and milk inspector.
Concord.....	Chas. E. Palmer.....	Sanitary officer.
Dover.....	*Hubert K. Reynolds.....	Executive officer, board of health.
Keene.....	John J. Brosnahan, M. D.....	Member board of health.
Manchester.....	*Robert N. Hoyt.....	Health officer.
Nashua.....	*Frank B. Shea.....	Do.
Portsmouth.....	*Daniel J. Scott.....	
New Jersey:		
Asbury Park.....	*B. H. Ober.....	Health officer and registrar of vital statistics.
Atlantic City.....	*Talbot Reed, M. D.....	Health officer.
Bayonne.....	John T. Connelly, M. D.....	Do.
Bloomfield.....	Joseph C. Saile, M. D.....	Do.
Bridgeton.....	*Chas. E. Bellows.....	Sanitary inspector.
Camden.....	John F. Leavitt, M. D.....	Health officer.
East Orange.....	*John Hall.....	Health officer and registrar of vital statistics.
Elizabeth.....	*Louis J. Richards.....	Health officer.
Hackensack.....	George W. Finke, M. D.....	
Harrison.....	*John T. McClure, M. D.....	Do.
Hoboken.....	Joseph F. X. Stack, M. D.....	Health commissioner.

* Full-time officer.

1 Also health officer for Forrest County.

City.	Name of health officer.	Official title.
New Jersey—Continued.		
Jersey City.....	*Frank H. Edsall, D. P. H.....	Superintendent of health.
Kearny.....	*H. V. Amerman.....	Health inspector.
Long Branch.....	*R. C. Errickson.....	Health officer.
Millville.....	Frank Bullock.....	Health inspector.
Montclair.....	*Chester H. Wells.....	Health officer.
Morristown.....	*John J. Belbey.....	Sanitary inspector.
New Brunswick.....	E. I. Cronk, M. D.....	Health officer.
Newark.....	*Chas. V. Craster, M.D., D.P.H.....	Do.
Orange.....	*T. P. Ballinger.....	Do.
Passaic.....	John N. Ryan, M. D.....	Do.
Paterson.....	Orville Reed Hagen, M. D.....	Do.
Perth Amboy.....	*Wm. J. Willsey.....	Do.
Phillipsburg.....	Alma L. Williston, M. D.....	Health inspector.
Plainfield.....	*N. J. Randolph Chandler.....	Health officer.
Trenton.....	Alton S. Fell, M. D.....	Do.
Weehawken.....	*Rudolph Kunze.....	Chief inspector.
West Hoboken.....	*Frank A. Frederick.....	Health officer.
West Orange.....	*James A. Tobey, S. B.....	Do.
New York:		
Albany.....	Arthur Sautter, M. D.....	Do.
Amsterdam.....	H. M. Hicks, M. D.....	Do.
Auburn.....	Thomas C. Swayer, M. D.....	Do.
Batavia.....	Victor M. Rice, M. D.....	Do.
Binghamton.....	C. J. Longstreet, M. D.....	Do.
Buffalo.....	*Francis E. Fronczak, M. D.....	Health commissioner.
Cohoes.....	Clarence H. White, M. D.....	Health officer.
Corning.....	Frank S. Swain, M. D.....	Health officer and registrar.
Cortland.....	Albert C. Knapp, M. D.....	Health officer.
Dunkirk.....	George E. Ellis, M. D.....	Do.
Elmira.....	Reeve B. Howland, M. D.....	Do.
Fulton.....	Albert L. Hall, M. D.....	City physician and health officer.
Glens Falls.....	Floyd Palmer, M. D.....	Health officer.
Gloversville.....	Alex. L. Johnson, M. D.....	Do.
Ithaca.....	H. H. Crum, M. D.....	Do.
Jamestown.....	*John J. Mahoney, M. D.....	Superintendent of public health.
Johnstown.....	Frank M. Neuendorf, M. D.....	City physician and health officer.
Kingston.....	Frank A. Johnston, M. D.....	Health officer.
Little Falls.....	Augustus B. Santry, M. D.....	Do.
Lockport.....	F. A. Watters, M. D.....	City physician and health officer.
Middletown.....	J. L. Hanmer, M. D.....	Health officer.
Mount Vernon.....	Chas. M. Quinn, M. D.....	Health officer and registrar of vital statistics.
New Rochelle.....	*Edwin H. Coddney.....	Health officer.
New York City.....	*Haven Emerson, M. D.....	Commissioner of health.
Newburgh.....	Thomas J. Burke, M. D.....	Health officer.
North Tonawanda.....	Thomas P. C. Barnard, M. D.....	Do.
Olean.....	John A. Johnson, M. D.....	Do.
Ossining.....	Robert T. Irvine, M. D.....	Do.
Oswego.....	James K. Stockwell, M. D.....	Do.
Peekskill.....	E. D. M. Lyon, M. D.....	Do.
Plattsburgh.....	Joseph H. La Rocque, M. D.....	Do.
Port Chester.....	Wm. J. Sheehan, M. D.....	Do.
Poughkeepsie.....	John S. Wilson, M. D.....	Do.
Rensselaer.....	Richard B. Gray, M. D.....	Do.
Rochester.....	*George W. Goler, M. D. ¹	Do.

* Full-time officer.

¹ Does not engage in the practice of medicine except consultations.

City.	Name of health officer.	Official title.
New York—Continued.		
Rome.....	Chas. R. Mahady, M. D.....	Health officer.
Saratoga Springs.....	A. Sherman Downs, M. D.....	Do.
Schenectady.....	Joseph B. Garlick, M. D.....	Do.
Syracuse.....	Frederick W. Sears, M. D.....	Do.
Troy.....	*Calvin E. Nichols, M. D.....	Do.
Watertown.....	Page E. Thornhill, M. D.....	Do.
White Plains.....	Edwin G. Ramsdell, M. D.....	Do.
Yonkers.....	Wm. S. Coons, M. D.....	Do.
North Carolina:		
Asheville.....	C. V. Reynolds, M. D.....	
Durham.....	*A. Cheatham, M. D. ¹	Superintendent of health.
Greensboro.....	F. C. Hyatt, M. D.....	
Wilmington.....	*Chas. Torrence Nesbitt, M.D. ²	County health officer.
Winston-Salem.....	*John Thames, M. D.....	City health officer.
North Dakota:		
Fargo.....	Paul Sorknen, M. D.....	Health officer.
Grand Forks.....	Alfred Dean, M. D.....	Do.
Ohio:		
Ashtabula.....	A. W. Hopkins, M. D.....	Do.
Bellaire.....	D. W. Boone, M. D.....	Do.
Cambridge.....	O. F. Lowry, M. D.....	
Canton.....	F. M. Sayre, M. D.....	Do.
Chillicothe.....	J. M. Hanley, M. D.....	Do.
Cincinnati.....	*J. H. Landis, M. D.....	Do.
Cleveland.....	*R. H. Bishop, jr., M. D.....	Commissioner of health.
Columbus.....	Louis Kahn, M. D.....	Health officer.
Dayton.....	*A. L. Light, M. D. ³	Commissioner of health.
Elyria.....	G. E. French, M. D.....	Health officer.
Findlay.....	*Amos Beardsley.....	Do.
Hamilton.....	*A. L. Smedley, M. D.....	Do.
Lakewood.....	W. J. Benner, M. D.....	Inspector of health.
Lancaster.....	C. H. Hamilton, M. D.....	Health officer.
Lorain.....	Valloyd Adair, M. D.....	Do.
Mansfield.....	Guy T. Goodman, M. D.....	Do.
Marietta.....	F. S. McGee, M. D.....	Do.
Massillon.....	T. Clarke Miller, M. D.....	Do.
Middletown.....	G. D. Lummis, M. D.....	Do.
Newark.....	W. H. Knauss, M. D.....	Do.
Norwood.....	Frank Perry, M. D.....	Do.
Piqua.....	J. H. Lowe, M. D.....	Do.
Portsmouth.....	W. W. Smith, M. D.....	Do.
Sandusky.....	H. C. Schoepfle, M. D.....	Director of public health.
Springfield.....	*E. B. Starr, M. D.....	Do.
Steubenville.....	*Theodore W. Smith.....	Health officer.
Toledo.....	Clarence D. Selby, M. D.....	Commissioner of health.
Warren.....	George N. Simpson, M. D.....	City health officer.
Youngstown.....	H. E. Welch, M. D.....	Health officer.
Zanesville.....	G. W. McCormick, M. D.....	Do.
Oklahoma:		
Enid.....	C. E. Thompson, M. D.....	City physician.
Muskogee.....	John Reynolds, M. D.....	Superintendent of health.
Oklahoma City.....	George Hunter, M. D.....	Health commissioner.
Tulsa.....	S. DeZell Hawley, M. D.....	Superintendent of health.

* Full-time officer.

¹ Also health officer for Durham County.

² Also health officer for New Hanover County.

³ Does not engage in the practice of medicine except consultations.

City.	Name of health officer.	Official title.
Oregon:		
Portland.....	*John G. Abele, M. D.....	Acting city health officer.
Salem.....	O. B. Miles, M. D.....	City physician and health officer.
Pennsylvania:		
Allentown.....	J. Treichler Butz, M. D.....	Health officer.
Altoona.....	*I. B. Crilly.....	Health officer and bacteriologist.
Bethlehem.....	*Edgar E. Hauser.....	Health officer.
Braddock.....	James E. Wills.....	Do.
Bradford.....	Wm. Roedell.....	Do.
Butler.....	*R. B. Fowzer.....	Do.
Carbondale.....	*M. E. Gallagher.....	Sanitary officer.
Carlisle.....	*A. P. Litzman.....	Health officer.
Carnegie.....	A. A. Tarter.....	Do.
Chambersburg.....	Robert W. Walker.....	Secretary and health officer.
Coatesville.....	*G. R. Boyd.....	Health officer and assistant secretary board of health.
Connellsville.....	*George Hetzel.....	Health officer.
DuBois.....	James E. Ginter, M. D.....	Do.
Duquesne.....	John Helfrick.....	Health and ordinance officer.
Easton.....	J. James Condran, M. D.....	Health officer.
Erie.....	J. W. Wright, M. D.....	Do.
Farrel.....	*Frank Chulick.....	Board of health officer.
Harrisburg.....	John M. J. Raunick, M. D.....	Health officer and director of bureau.
Hazleton.....	*P. J. Bonner.....	Health officer.
Homestead.....	W. E. Lawson.....	President board of health.
Johnstown.....	L. W. Jones, M. D.....	Health officer.
Lebanon.....	E. H. Gingrich, M. D.....	
McKeesport.....	*Fred W. Hooper.....	Health officer.
Mahanoy.....	*John Sullivan.....	
Meadville.....	Frank Dake.....	Do.
Monessen.....	B. H. Clendenan.....	Do.
Nanticoke.....	*Philip Edmunds.....	Do.
New Castle.....	W. L. Steen, M. D.....	Do.
Norristown.....	*Chas. E. White.....	Secretary and health officer.
Oil City.....	*E. M. Voorhies.....	Health officer.
Phoenixville.....	John J. Morris.....	
Pittsburgh.....	*J. F. Edwards, M. D.....	Director department of health.
Pittston.....	*Thomas F. Tracey.....	Health officer.
Plymouth.....	H. G. Timpleton, M. D.....	Do.
Pottsville.....	*Oscar L. Kleckner.....	Do.
Reading.....	*Chas. Roland, M. D.....	Do.
Scranton.....	G. J. Van Vechten, M. D.....	Director department of public health.
Steelton.....	E. G. Butler.....	Health officer.
Sunbury.....	Victor A. Koble.....	Do.
Uniontown.....	*Miss Elizabeth V. Haney, R. N.....	Do.
Warren.....	*H. J. Bierca.....	Do.
Washington.....	*W. B. Winter.....	Do.
Williamsport.....	J. Harrison Fisher, M. D.....	City health officer.
York.....	*Wm. A. Schlosser.....	Sanitary officer.
Rhode Island:		
Central Falls.....	Adolph E. V. Fenwick, M. D.....	Superintendent of health.
Cumberland.....	Raynon Woodhead, M. D.....	
East Providence.....	George F. Allison, M. D.....	Health officer.
Newport.....	*J. W. Sampson.....	Executive officer board of health.
Pawtucket.....	Chas. H. Holt, M. D.....	Superintendent of health.

* Full-time officer.

City.	Name of health officer.	Official title.
Rhode Island—Continued.		
Providence.....	*Chas. V. Chapin, M. D.....	Superintendent of health.
Warwick.....	Ralph F. Lockwood, M. D.....	Health officer.
Woonsocket.....	Thomas J. McLaughlin, M. D.....	Do.
South Carolina:		
Charleston.....	*J. Merceir Green, M. D.....	Do.
Columbia.....	Skottowe B. Fishburne, M. D.....	Do.
Greenville.....	*Clarence E. Smith, M. D.....	Commissioner of health.
Spartanburg.....	*Chas. E. Low, M. D.....	Director of health.
South Dakota:		
Aberdeen.....	*Carl F. Raver, M. D.....	Health officer.
Sioux Falls.....	W. F. Keller, M. D.....	City health officer.
Tennessee:		
Jackson.....	W. G. Saunders, M. D.....	Health officer.
Knoxville.....	Wm. R. Cochrane, M. D.....	Director department of health.
Nashville.....	*Wm. E. Hibbett, M. D.....	Health officer and registra.
Texas:		
Austin.....	S. A. Woolsey, M. D.....	City health officer.
Beaumont.....	Wie T. Williams, M. D.....	Health officer.
Brownsville.....	E. E. Dickason, M. D.....	City health officer.
Cleburne.....	A. D. Yater, M. D.....	Do.
Dallas.....	*Chas. Saville.....	Director of public health.
Denison.....	A. B. Gardner, M. D.....	Health officer.
El Paso.....	Hugh S. White, M. D.....	City health officer.
Fort Worth.....	Webb Walker, M. D.....	City physician.
Galveston.....	Walter Kleberg, M. D.....	City health officer.
Houston.....	P. H. Scardino, M. D.....	Do.
Marshall.....	Chas. F. Heartsill, M. D.....	Do.
Paris.....	Perry Pinson, M. D.....	Do.
San Angelo.....	J. P. McAnulty, M. D.....	Do.
San Antonio.....	*W. A. King, M. D.....	Do.
Tyler.....	Albert Woldert, M. D.....	Do.
Waco.....	R. F. Minnock, M. D.....	Health officer.
Utah:		
Ogden.....	*George Shorten.....	Sanitary inspector.
Salt Lake City.....	*R. W. Ashley, M. D.....	Health commissioner.
Vermont:		
Barre.....	J. W. Stewart, M. D.....	Health officer.
Burlington.....	*Francis J. Ennis, M. D.....	Health officer and milk inspector.
Rutland.....	Frederick H. Gebhardt, M. D.....	City health officer.
Virginia:		
Alexandria.....	Edward A. Gorman, M. D.....	Health officer.
Danville.....	*C. C. Hudson, M. D.....	Do.
Lynchburg.....	Mosby G. Perrow.....	Do.
Newport News.....	R. A. Davis, M. D.....	Health officer and president board of health.
Norfolk.....	P. S. Schenck, M. D.....	Health commissioner.
Petersburg.....	Robert A. Martin, M. D.....	Health officer.
Roanoke.....	*W. Brownley Foster, M. D.....	Do.
Richmond.....	*Roy K. Flannagan, M. D.....	Chief health officer.
Washington:		
Aberdeen.....	J. B. Kinne, M. D.....	City health officer.
Bellingham.....	Wm. W. Ballaine, M. D.....	Do.
Everett.....	L. G. Woodford, M. D.....	Health officer.
North Yakima.....	*Benjamin S. Cerswell, M. D. ¹	City and county health officer,

* Full-time officer.

¹Also health officer for Yakima County.

City.	Name of health officer.	Official title.
Washington—Continued.		
Seattle.....	*J. S. McBride, M. D.....	Commissioner of health.
Spokane.....	*John B. Anderson, M. D.....	Health officer.
Tacoma.....	J. E. Henry, M. D.....	Health officer, bacteriologist and chemist.
Walla-Walla.....	Wallace A. Pratt, M. D. ¹	City and county health officer.
West Virginia:		
Bluefield.....	Edwin M. Easley, M. D.....	President board of health.
Charleston.....	Eugene Davis, M. D.....	Health commissioner.
Martinsburg.....	C. E. Clay, M. D.....	Commissioner of health.
Parkersburg.....	Wm. Richardson, M. D.....	City health officer.
Wheeling.....	W. C. Etzler, M. D.....	Health commissioner.
Wisconsin:		
Appleton.....	Frank P. Dohearty, M. D.....	Do.
Ashland.....	C. O. Hertzman, M. D.....	Chairman board of health.
Beloit.....	H. E. Burger, M. D.....	Health officer.
Eau Claire.....	J. F. Farr, M. D.....	Executive officer board of health.
Fond du Lac.....	F. M. Harris, M. D.....	Health commissioner.
Green Bay.....	T. J. Oliver, M. D.....	Commissioner of health.
Janesville.....	Samuel B. Buckmaster, M. D.....	Health officer.
Kenosha.....	*Herbert L. Wright, M. D.....	Health commissioner.
La Crosse.....	*J. M. Furstman, M. D.....	Commissioner of health.
Madison.....	Harry E. Purcell, M. D.....	Health officer.
Manitowoc.....	J. E. Meany, M. D.....	Do.
Marinette.....	S. P. Jones, M. D.....	Do.
Milwaukee.....	*George C. Ruhland, M. D.....	Commissioner of health.
Oshkosh.....	*A. H. Broche, M. D.....	Commissioner of health and city physician.
Sheboygan.....	H. C. Reich, M. D.....	Commissioner of public health.
Superior.....	D. R. Searle, M. D.....	Health commissioner.
Wausau.....	Wm. E. Zilisch, M. D.....	Health officer.

*Full-time officer.

¹ Also health officer for Walla Walla County.

PREVALENCE OF DISEASE.

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

UNITED STATES.

CURRENT STATE SUMMARIES.

California Report for the Week Ended July 28, 1917.

The California State Board of Health reported concerning the status of preventable diseases in California for the week ended July 28, 1917, as follows: Seven cases of smallpox were notified in Fresno County, focus at Pineflat. Of poliomyelitis, one case was reported in Santa Clara County and one at Belvedere. Two cases of cerebrospinal meningitis occurred at San Francisco. Of typhoid fever, 21 cases were notified, 1 each in Oakland, Fresno County, Fresno City, El Centro, Stockton, Santa Barbara, Santa Clara County, Hercules, and Santa Clara; 2 each in Stanislaus County, and Walnut Creek; 3 in Los Angeles, and 5 in San Francisco. There was a marked reduction in the prevalence of reportable diseases.

The details of notifiable disease cases reported during the week ended July 21, are as follows:

Cerebrospinal meningitis.....	9	Pellagra.....	1
Chicken pox.....	20	Pneumonia.....	14
Diphtheria.....	26	Poliomyelitis.....	1
Dysentery.....	1	Ophthalmia neonatorum.....	2
Erysipelas.....	12	Scarlet fever.....	61
German measles.....	27	Smallpox.....	2
Gonococcus infection.....	22	Syphilis.....	20
Leprosy.....	1	Tuberculosis.....	115
Malaria.....	24	Typhoid fever.....	38
Measles.....	109	Whooping cough.....	32
Mumps.....	59		

CEREBROSPINAL MENINGITIS.

Louisiana—Doyle.

One case of cerebrospinal meningitis was notified at Doyle, Livingston Parish, La., on July 27, 1917.

CEREBROSPINAL MENINGITIS—Continued.

State Reports for June, 1917.

Place.	New cases reported.	Place.	New cases reported.
Connecticut:		Pennsylvania:	
Fairfield County—		Allegheny County.....	30
Bridgeport.....	1	Armstrong County.....	2
Hartford County—		Bedford County.....	1
Hartford.....	17	Berks County.....	1
Manchester.....	2	Blair County.....	1
New Britain.....	4	Bradford County.....	2
Plainville.....	1	Butler County.....	1
Windsor.....	2	Cambria County.....	3
Middlesex County—		Carbon County.....	1
Middletown (town).....	1	Clearfield County.....	1
New Haven County—		Crawford County.....	1
New Haven.....	2	Cumberland County.....	1
Orange.....	1	Dauphin County.....	1
Wallingford.....	2	Delaware County.....	1
New London County—		Erie County.....	3
Montville.....	2	Fayette County.....	6
Total.....	35	Indiana County.....	1
		Jefferson County.....	1
Indiana:		Lawrence County.....	1
Blackford County.....	1	Luzerne County.....	3
Delaware County.....	1	Mercer County.....	1
Howard County.....	1	Montgomery County.....	1
Lake County.....	2	Northampton County.....	1
Marion County.....	3	Philadelphia County.....	62
Total.....	8	Schuykill County.....	1
		Snyder County.....	1
Iowa:		Venango County.....	1
Scott County.....	1	Westmoreland County.....	2
		Total.....	132
Mississippi:		Washington:	
Copiah County.....	1	Kitsap County.....	1
Harrison County.....	1	Bremerton.....	1
Total.....	2	Pierce County.....	1
		Total.....	3

Arkansas Report for May, 1917.

During the month of May, 1917, 2 cases of cerebrospinal meningitis were reported in Arkansas, 1 each in Craighead and Izard Counties.

City Reports for Week Ended July 14, 1917.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Baltimore, Md.....	1	3	Milwaukee, Wis.....	2	2
Boston, Mass.....	3	2	Minneapolis, Minn.....	1	.....
Brockton, Mass.....	.....	1	Newark, N. J.....	2	2
Buffalo, N. Y.....	1	.....	New Bedford, Mass.....	1	.....
Canton, Ohio.....	1	1	New York, N. Y.....	6	4
Chicago, Ill.....	9	6	Norfolk, Va.....	.....	1
Cincinnati, Ohio.....	1	.....	Norristown, Pa.....	1	.....
Cleveland, Ohio.....	1	.....	Omaha, Nebr.....	1	.....
Dayton, Ohio.....	.....	2	Philadelphia, Pa.....	3	2
Detroit, Mich.....	2	.....	Pittsburgh, Pa.....	2	1
Harrisburg, Pa.....	1	1	Racine, Wis.....	.....	2
Haverhill, Mass.....	1	1	St. Louis, Mo.....	4	3
Johnstown, Pa.....	1	.....	Salt Lake City, Utah.....	.....	1
Kansas City, Kans.....	1	.....	San Diego, Cal.....	5	.....
Kansas City, Mo.....	1	1	San Francisco, Cal.....	1	.....
Lynn, Mass.....	1	.....	Springfield, Mass.....	.....	2
Malden, Mass.....	1	1	Toledo, Ohio.....	1	.....
Manchester, N. H.....	.....	1	Wheeling, W. Va.....	.....	1
McKeesport, Pa.....	.....	1			

DIPHThERIA.

See Diphtheria, measles, scarlet fever, and tuberculosis, page 1244.

ERYSEPELAS.

City Reports for Week Ended July 14, 1917.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Boston, Mass.....		1	Lynchburg, Va.....		1
Buffalo, N. Y.....	3		Malden, Mass.....		1
Chicago, Ill.....	5	2	McKeesport, Pa.....	1	
Cleveland, Ohio.....	2		Milwaukee, Wis.....	3	
Clinton, Mass.....	1	1	Nashville, Tenn.....	1	
Dayton, Ohio.....	1		Newark, N. J.....	5	
Denver, Colo.....	3		New York, N. Y.....		3
Detroit, Mich.....	1		Oakland, Cal.....	1	
Duluth, Minn.....	1		Omaha, Nebr.....	1	
Fort Worth, Tex.....		1	Philadelphia, Pa.....	4	
Harrison, N. J.....	1		Pittsburgh, Pa.....	3	1
Jersey City, N. J.....	1	1	Rochester, N. Y.....	1	1
Kalamazoo, Mich.....		1	St. Louis, Mo.....	4	
Los Angeles, Cal.....	2				

LEPROSY.

New York—New York City.

On July 26, 1917, a case of leprosy was notified in New York City, in the person of G. K., a native of Greece, 53 years old, who came to the United States in 1913.

City Report for Week Ended July 14, 1917.

During the week ended July 14, 1917, 1 case of leprosy was reported at Los Angeles, Cal.

MALARIA.

State Reports for June, 1917.

Place.	New cases reported.	Place.	New cases reported.
Mississippi:		Mississippi—Continued.	
Adams County.....	53	Issaquena County.....	62
Alcorn County.....	71	Itawamba County.....	149
Amite County.....	84	Jackson County.....	61
Attala County.....	146	Jefferson County.....	87
Bolivar County.....	876	Jefferson Davis County.....	36
Calhoun County.....	209	Jones County.....	248
Carroll County.....	93	Kemper County.....	92
Chickasaw County.....	82	Lafayette County.....	150
Choctaw County.....	82	Lamar County.....	47
Claiborne County.....	63	Lauderdale County.....	118
Clarke County.....	21	Leflore County.....	146
Clay County.....	137	Leake County.....	78
Coahoma County.....	719	Lee County.....	202
Copiah County.....	163	Leflore County.....	587
Covington County.....	96	Lincoln County.....	91
De Soto County.....	56	Lowndes County.....	103
Forrest County.....	142	Madison County.....	85
Franklin County.....	150	Marion County.....	137
George County.....	43	Marshall County.....	179
Greene County.....	45	Monroe County.....	105
Granada County.....	40	Montgomery County.....	72
Lancetek County.....	42	Neshoba County.....	109
Harrison County.....	115	Newton County.....	61
Hinds County.....	370	Noxubee County.....	42
Holmes County.....	450	Oktibbeha County.....	77

MALARIA—Continued.

State Reports for June, 1917—Continued.

Place.	New cases reported.	Place.	New cases reported.
Mississippi—Continued.		Mississippi—Continued.	
Panola County.....	188	Yalobusha County.....	63
Pearl River County.....	67	Yazoo County.....	483
Perry County.....	45	Total.....	11,349
Pike County.....	108	Pennsylvania:	
Pontotoc County.....	64	Philadelphia County.....	1
Prentiss County.....	95	York County.....	1
Scott County.....	92	Total.....	2
Sharkey County.....	145	South Carolina:	
Simpson County.....	110	Beaufort County.....	18
Smith County.....	85	Chester County.....	6
Stone County.....	35	Dorchester County.....	32
Sunflower County.....	796	Marion County.....	20
Tate County.....	235	Marlboro County.....	1
Tippah County.....	45	Spartanburg County.....	4
Tishomingo County.....	115	Williamsburg County.....	5
Union County.....	123	Total.....	86
Walthall County.....	23		
Warren County.....	384		
Washington County.....	469		
Wayne County.....	70		
Webster County.....	38		

Arkansas Report for May, 1917.

Place.	New cases reported.	Place.	New cases reported.
Arkansas:		Arkansas—Continued.	
Ashley County.....	7	Monroe County.....	2
Carroll County.....	1	Newton County.....	3
Conway County.....	12	Perry County.....	3
Greene County.....	26	Scott County.....	10
Hempstead County.....	52	Sevier County.....	100
Izard County.....	7	St. Francis County.....	34
Jefferson County.....	5	Washington County.....	1
Johnson County.....	5	Total.....	275
Lafayette County.....	5		
Mississippi County.....	2		

City Reports for Week Ended July 14, 1917.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Birmingham, Ala.....	16	3	Newark, N. J.....	1	1
Charleston, S. C.....	1	1	New Orleans, La.....	1	1
Coffeyville, Kans.....	1	1	Portsmouth, Va.....	1	1
Memphis, Tenn.....	1	1	Richmond, Va.....	1	1
Mobile, Ala.....	1	1	Savannah, Ga.....	3	1
Nashville, Tenn.....	1	1	Trenton, N. J.....	3	1

¹ The reason that Birmingham had so many more cases of malaria reported than any other city is not that the disease is more prevalent in Birmingham than in other cities of Alabama and neighboring States, but undoubtedly because of the successful efforts the health department has made in securing the cooperation of the practicing physicians in reporting cases.

MEASLES.

See Diphtheria, measles, scarlet fever, and tuberculosis, page 1244.

PELLAGRA.

State Reports for June, 1917.

Place.	New cases reported.	Place.	New cases reported.
Connecticut:		Mississippi—Continued.	
Hartford County—		Newton County.....	9
Simsbury.....	2	Noxubee County.....	17
Mississippi:		Oktibbeha County.....	12
Adams County.....	26	Panola County.....	15
Alcorn County.....	10	Pearl River County.....	25
Amite County.....	5	Perry County.....	40
Attala County.....	10	Pike County.....	34
Bolivar County.....	265	Pontotoc County.....	3
Calhoun County.....	14	Prentiss County.....	14
Carroll County.....	6	Scott County.....	19
Chickasaw County.....	30	Sharkey County.....	17
Choctaw County.....	4	Simpson County.....	13
Claiborne County.....	8	Smith County.....	2
Clarke County.....	9	Stone County.....	7
Clay County.....	11	Sunflower County.....	228
Coahoma County.....	200	Tato County.....	34
Cochise County.....	36	Tippah County.....	4
Covington County.....	20	Tishomingo County.....	19
De Soto County.....	39	Union County.....	14
Forrest County.....	40	Walthall County.....	12
Franklin County.....	8	Warren County.....	11
George County.....	16	Washington County.....	85
Greene County.....	24	Wayne County.....	19
Hancock County.....	3	Webster County.....	4
Harrison County.....	31	Yalobusha County.....	12
Hinds County.....	61	Yazoo County.....	67
Holmes County.....	38		
Issaquena County.....	2	Total.....	2,201
Itawamba County.....	17	South Carolina:	
Jackson County.....	8	Beaufort County.....	5
Jefferson County.....	11	Cherokee County.....	2
Jefferson Davis County.....	16	Chester County.....	5
Jones County.....	86	Dorchester County.....	12
Komper County.....	15	Fairfield County.....	1
Lafayette County.....	10	Greenville County.....	4
Lamar County.....	13	Greenwood County.....	3
Lauderdale County.....	26	Kershaw County.....	1
Lawrence County.....	16	Laurens County.....	3
Leake County.....	12	Marion County.....	2
Lee County.....	41	Marlboro County.....	6
Leflore County.....	66	Orangesburg County.....	1
Lincoln County.....	36	Richland County.....	4
Lowndes County.....	25	Spartanburg County.....	26
Madison County.....	31	Union County.....	1
Marion County.....	37	Williamsburg County.....	1
Marshall County.....	53	York County.....	2
Monroe County.....	7		
Montgomery County.....	6	Total.....	79
Neshoba County.....	17		

Arkansas Report for May, 1917.

Place.	New cases reported.	Place.	New cases reported.
Arkansas:		Arkansas—Continued.	
Bradley County.....	4	Miller County.....	1
Conway County.....	3	Mississippi County.....	23
Dallas County.....	1	Scott County.....	1
Faulkner County.....	7	Sevier County.....	2
Garland County.....	5	St. Francis County.....	11
Greene County.....	2	Washington County.....	4
Hempstead County.....	1	White County.....	10
Izard County.....	1		
Lafayette County.....	1	Total.....	78
Logan County.....	1		

PELLAGRA—Continued.

City Reports for Week Ended July 14, 1917.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Austin, Tex.....		2	Nashville, Tenn.....	3	1
Birmingham, Ala.....	18	3	New Orleans, La.....	2	1
Charleston, S. C.....		5	New York, N. Y.....		1
Fort Worth, Tex.....		1	Richmond, Va.....	4	3
Galveston, Tex.....		1	Roanoke, Va.....	1	1
Kansas City, Mo.....		1	Sacramento, Cal.....	1	1
Lexington, Ky.....		1	Wichita, Kans.....	1	1
Memphis, Tenn.....		1	Wilmington, N. C.....		1
Mobile, Ala.....	1	3	Winston-Salem, N. C.....		1

¹ The reason that Birmingham had so many more cases of pellagra reported than any other city is not that the disease is more prevalent in Birmingham than in other cities of Alabama and neighboring States, but undoubtedly because of the successful efforts the health department has made in securing the cooperation of the practicing physicians in reporting cases.

PLAGUE.

California—Alameda County—Plague-Infected Squirrels Found.

The finding of two plague-infected ground squirrels in Alameda County, Cal., has been reported; one each on July 12 and 14, 1917, within a radius of 3 miles of Altamont. One was found on the Frank Floyd ranch and the other on the Peter Barthe ranch.

PNEUMONIA.

City Reports for Week Ended July 14, 1917.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Baltimore, Md.....	2	6	Lynn, Mass.....	1	1
Binghamton, N. Y.....	2		Newark, N. J.....	25	3
Boston, Mass.....	3	3	Philadelphia, Pa.....	16	8
Chicago, Ill.....	50	47	Pittsburgh, Pa.....	11	12
Cleveland, Ohio.....	6	14	Rochester, N. Y.....	5	1
Detroit, Mich.....	7	19	San Diego, Cal.....	3	
Duluth, Minn.....	2		San Francisco, Cal.....	4	5
Erie, Pa.....	1		Springfield, Mass.....	2	1
Fall River, Mass.....	1	1	Toledo, Ohio.....	1	2
Haverhill, Mass.....	1	1	Woburn, Mass.....	1	2
Jackson, Mich.....	1		Worcester, Mass.....	1	
Los Angeles, Cal.....	9	2			

POLIOMYELITIS (INFANTILE PARALYSIS).

Alabama—Ragland.

On July 16, 1917, one case of poliomyelitis was notified at Ragland, St. Clair County, Ala.

California.

During the week ended July 28, 1917, two cases of poliomyelitis were notified in California, one each in Belvedere, Marin County, and in Santa Clara County.

Connecticut—New Britain.

During the week ended July 28, 1917, one case of poliomyelitis was notified at New Britain, Conn.

POLIOMYELITIS (INFANTILE PARALYSIS)—Continued.**Illinois—Chicago.**

During the week ended July 28, 1917, 5 cases of poliomyelitis were notified in Chicago, Ill.

Kansas.

During the week ended July 28, 1917, poliomyelitis was notified in Kansas as follows: Kansas City, 3 cases; Fall River, 1 case.

Maryland.

During the period from June 1 to July 28, 1917, cases of poliomyelitis were notified in Maryland as follows: In Allegany County, 13 (July 15–28); Anne Arundel County, 1 (July 22–28); Baltimore County, 1 (July 8–14); Dorchester County, 1 (July 1–7); Garrett County, 4 (June 1–July 28); Baltimore city, 3 (July 8–28).

Massachusetts—Haverhill and Lynn.

During the period from July 24–27, 1917, 3 cases of poliomyelitis were notified at Haverhill, and from July 24–31, 5 cases were notified at Lynn, Mass.

Minnesota—Pope County.

During the week ended July 28, 1917, 8 cases of poliomyelitis were notified in Pope County, Minn., 7 being in Bluemounds Township and 1 in Langhei Township.

Vermont.

During the week ended July 28, 1917, cases of poliomyelitis were notified in Vermont as follows: Barre, 2; Bolton, 1; Waterbury, 1.

Virginia.

The State health commissioner of Virginia reports that during the month of July, 1917, cases of poliomyelitis were notified in Virginia as follows: Rockingham County, 22 cases with 7 deaths; Page County 3 cases; Rappahannock County, 4 cases; Albemarle County, 1 case; Louisa County, 1 case; Goochland County, 1 case; King and Queen County, 2 cases; and Pittsylvania County, 2 cases.

West Virginia.

During the week ended July 28, 1917, cases of poliomyelitis were notified in West Virginia as follows: In Marion County, Monongah 8, Anabelle 1, Whiterock 1; in Jackson County, Kenna 3; in Tucker County, Davis 2; in Preston County, Newburg 1; in Braxton County, Mapleton 1; and in Upshur County, Buckhannon 1.

POLIOMYELITIS (INFANTILE PARALYSIS)—Continued.**State Reports for June, 1917.**

Place.	New cases reported.	Place.	New cases reported.
Indiana:		Pennsylvania:	
Humboldt County.....	2	Allegheny County.....	3
Lake County.....	1	Bradford County.....	2
Marion County.....	1	Cambria County.....	1
Wayne County.....	1	Clearfield County.....	1
Total.....	5	Fayette County.....	2
Mississippi:		Lancaster County.....	1
Amite County.....	5	Montgomery County.....	1
Choctaw County.....	1	Philadelphia County.....	1
Kemper County.....	2	Schuylkill County.....	1
Smith County.....	1	Total.....	13
Total.....	9	South Carolina:	
		Williamsburg County.....	1
		Wyoming:	
		Natrona County.....	1

City Reports for Week Ended July 14, 1917.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Ann Arbor, Mich.....	1		Kearny, N. J.....		1
Birmingham, Ala.....	1		Lowell, Mass.....	1	
Boston, Mass.....	1		Malden, Mass.....		1
Buffalo, N. Y.....	2	1	Newark, N. J.....	1	1
Chicago, Ill.....	1		New Castle, Pa.....	1	
Cleveland, Ohio.....	3		New York, N. Y.....	7	
Detroit, Mich.....	1		Perth Amboy, N. J.....	1	
Harrisburg, Pa.....	1		Philadelphia, Pa.....	1	1
Haverhill, Mass.....	2		Pittsburgh, Pa.....	1	
Kansas City, Kans.....	1		Richmond, Va.....	2	

RABIES IN ANIMALS.**City Reports for Week Ended July 14, 1917.**

During the week ended July 14, 1917, 2 cases of rabies in animals were reported at Detroit, Mich., and 2 cases at Memphis, Tenn.

ROCKY MOUNTAIN SPOTTED FEVER.**State Reports for June, 1917.**

During the month of June, 1917, 5 cases of Rocky Mountain spotted fever were reported in Humboldt County, Nev., 1 in Golconda, and 4 in Paradise Valley; and in Wyoming, 1 case was reported in Campbell County.

SCARLET FEVER.

See Diphtheria, measles, scarlet fever, and tuberculosis, page 1244.

SMALLPOX.**Massachusetts—Virulent Smallpox.**

During the period from January 16 to July 28, 1917, 48 cases of smallpox, with 9 deaths, were reported in Massachusetts, as follows: Worcester 38, Fitchburg 4, Shrewsbury 3, Webster 3.

SMALLPOX—Continued.

Minnesota.

During the week ended July 28, 1917, five new foci of smallpox were reported in Minnesota, cases of the disease having been notified as follows: Crow Wing County, Emily Township, 5; Filmore County, Mabel, 4; Houston County, Spring Grove, 1; Itasca County, Deer River, 1; St. Louis County, Rice Lake Township, 11.

Miscellaneous State Reports.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Arkansas (May 1-31):			Indiana (June 1-30)—Contd.		
Bradley County.....	3		St. Joseph County.....	1	
Carroll County.....	6		Sullivan County.....	5	
Conway County.....	35		Tippecanoe County.....	11	
Craighead County.....	40		Vanderburg County.....	4	
Dallas County.....	3		Vermilion County.....	11	
Drew County.....	3		Vigo County.....	43	
Faulkner County.....	1		Wabash County.....	2	
Garland County.....	5		Warwick County.....	4	1
Greene County.....	6		White County.....	1	
Hempstead County.....	1		Total.....	229	1
Hot Springs County.....	21				
Izard County.....	1		Iowa (June 1-30):		
Jefferson County.....	4		Adair County.....	20	
Logan County.....	7		Audubon County.....	1	
Marion County.....	2		Benton County.....	1	
Miller County.....	4		Bremer County.....	2	
Mississippi County.....	27		Butler County.....	2	
Monroe County.....	1		Carroll County.....	2	
Pulaski County.....	43		Cedar County.....	1	
Sevier County.....	7		Cherokee County.....	1	
St. Francis County.....	6		Clay County.....	1	
Washington County.....	13		Dallas County.....	5	
White County.....	6		Decatur County.....	1	
Total.....	245		Des Moines County.....	1	
			Franklin County.....	2	
Connecticut (June 1-30):			Fremont County.....	2	
Fairfield County—			Hamilton County.....	1	
Norwalk.....	1		Hardin County.....	14	
Hartford County—			Henry County.....	2	
Berlin.....	3		Jackson County.....	6	
New Britain.....	8		Jasper County.....	2	
Litchfield County—			Jefferson County.....	5	
Torrington.....	1		Lee County.....	3	
Winchester.....	36		Linn County.....	1	
New Haven County—			Lyon County.....	4	
Waterbury.....	6		Mahaska County.....	2	
Total.....	55		Mills County.....	2	
			Mitchell County.....	1	
Indiana (June 1-30):			O'Brien County.....	1	
Allen County.....	2		Plymouth County.....	3	
Bartholomew County.....	2		Pocahontas County.....	2	
Elkhart County.....	5		Polk County.....	7	
Fountain County.....	1		Pottawattamie County.....	1	
Fulton County.....	4		Scott County.....	2	
Grant County.....	1		Sioux County.....	4	
Greene County.....	4		Van Buren County.....	2	
Hamilton County.....	4		Wapello County.....	31	
Hendricks County.....	4		Webster County.....	12	
Huntington County.....	4		Winneshick County.....	3	
Huntington County.....	2		Worth County.....	1	
Jackson County.....	1		Wright County.....	4	
Knox County.....	7		Total.....	158	
Lake County.....	24				
Laporte County.....	10		Mississippi (June 1-30):		
Lawrence County.....	1		Bolivar County.....	1	
Marion County.....	50		Chickasaw County.....	1	
Marshall County.....	1		Clarke County.....	1	
Montgomery County.....	1		Covington County.....	3	
Morgan County.....	4		Forrest County.....	4	
Parke County.....	3		Grenada County.....	2	
Porter County.....	1		Harrison County.....	1	
Posey County.....	6		Hinds County.....	4	
Pulaski County.....	7		Holmes County.....	4	
Shelby County.....	4		Issaquena County.....	2	
Spencer County.....	1				

SMALLPOX—Continued.

Miscellaneous State Reports—Continued.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Mississippi (June 1-30)—Con.			Pennsylvania (June 1-30):		
Itawamba County.....	2		Allegheny County.....	6	
Jackson County.....	6		Beaver County.....	2	
Jones County.....	40		Bedford County.....	1	
Kemper County.....	2		Crawford County.....	4	
Lafayette County.....	1		Dauphin County.....	1	
Lauderdale County.....	13		Erie County.....	11	
Lee County.....	2		Indiana County.....	3	
Madison County.....	7		Lawrence County.....	5	
Marshall County.....	6		Luzerne County.....	5	
Montgomery County.....	2		Mercer County.....	2	
Panola County.....	4		Philadelphia County.....	2	
Pike County.....	5		Warren County.....	1	
Pontotoc County.....	3		Total.....	43	
Sharkey County.....	2				
Sunflower County.....	2		South Carolina (June 1-30):		
Tate County.....	3		Berkeley County.....	7	
Union County.....	3		Greenville County.....	3	
Washington County.....	1		Kershaw County.....	4	
Yalobusha County.....	2		Marlboro County.....	2	
Total.....	123		Sumter County.....	2	
			York County.....	4	
Nevada (June 1-30):			Total.....	22	
Elko County.....	1				
Humboldt County.....	5		Washington (June 1-30):		
Total.....	6		Adams County.....		
			Lind.....	1	
North Dakota (June 1-30):			Franklin County--		
Benson County.....	1		Pasco.....	1	
Burlingame County.....	4		King County--		
Cass County.....	1		Seattle.....	3	
Golden Valley County.....	19		Pierce County.....	1	
Grant County.....	12		Tacoma.....	14	
Griggs County.....	3		Spokane County--		
La Moure County.....	2		Spokane.....	1	
Pembina County.....	2		Yakima County.....	12	
Ramsey County.....	10		Total.....	33	
Richland County.....	14				
Traill County.....	1		Wyoming (June 1-30):		
Ward County.....	6		Campbell County.....	2	
Wells County.....	1				
Total.....	76				

City Reports for Week Ended July 14, 1917.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Akron, Ohio.....	10		Minneapolis, Minn.....	22	
Bellingham, Wash.....	1		Mobile, Ala.....	6	
Buffalo, N. Y.....	1		Muscataine, Iowa.....	1	
Butte, Mont.....	3		Nashville, Tenn.....	1	
Cairo, Ill.....	5		New Orleans, La.....	5	
Chicago, Ill.....	20		Oklahoma City, Okla.....	6	
Cleveland, Ohio.....	9		Omaha, Neb.....	4	
Columbus, Ohio.....	6		Pittsburgh, Pa.....	1	
Danville, Ill.....	3		Pontiac, Mich.....	4	
Davenport, Iowa.....	1		Portland, Oreg.....	2	
Denver, Colo.....	1		Portsmouth, Va.....	1	
Detroit, Mich.....	7		Quincy, Ill.....	3	
Duluth, Minn.....	6		St. Louis, Mo.....	17	
Elint, Mich.....	4		Salt Lake City, Utah.....	7	
Fort Wayne, Ind.....	1		Saginaw, Mich.....	1	
Grand Rapids, Mich.....	1		Sioux City, Iowa.....	9	
Indianapolis, Ind.....	13		Springfield, Ill.....	1	
Kansas City, Kans.....	4		Springfield, Ohio.....	1	
Kansas City, Mo.....	27		St. Louis, Wis.....	2	
Little Rock, Ark.....	1		Toledo, Ohio.....	2	
Madison, Wis.....	1		Wichita, Kans.....	1	
Memphis, Tenn.....	4		Zanesville, Ohio.....	1	

TETANUS.

City Reports for Week Ended July 14, 1917.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Chicago, Ill.		2	Norfolk, Va.		1
Lincoln, Nebr.	1	1	Philadelphia, Pa.	2	1
Los Angeles, Cal.	1		Quincy, Ill.		1
Newark, N. J.	1		Sacramento, Cal.	1	1
New Orleans, La.		1	Trenton, N. J.		1

TUBERCULOSIS.

See Diphtheria, measles, scarlet fever, and tuberculosis, page 1244.

TYPHOID FEVER.

State Reports for June, 1917.

Place.	New cases reported.	Place.	New cases reported.
Connecticut:		Mississippi:	
Fairfield County—		Adams County.....	14
Bridgeport.....	1	Alcorn County.....	3
Danbury (town).....	1	Amite County.....	4
Norwalk.....	2	Attala County.....	4
Weston.....	1	Bolivar County.....	16
Hartford County—		Calhoun County.....	12
Bristol.....	1	Carroll County.....	3
Farmington.....	1	Chickasaw County.....	15
Hartford.....	4	Choctaw County.....	6
New Britain.....	1	Claiborne County.....	3
Litchfield County—		Clarke County.....	3
Salisbury.....	1	Coahoma County.....	1
Middlesex County—		Copiah County.....	16
East Hampton.....	2	Covington County.....	6
New Haven County—		DeSoto County.....	8
New Haven.....	1	Forrest County.....	14
Waterbury.....	3	Franklin County.....	3
New London County—		George County.....	1
Franklin.....	1	Greene County.....	1
Jewett City.....	1	Hancock County.....	3
New London.....	2	Harrison County.....	13
Tolland County—		Hinds County.....	30
Mansfield.....	1	Holmes County.....	1
Windham County—		Ittawamba County.....	2
Plainfield.....	1	Jackson County.....	2
Willimantic.....	1	Jefferson County.....	3
Total.....	26	Jefferson Davis County.....	6
		Jones County.....	27
Indiana:		Kemper County.....	6
Decatur County.....	1	Lafayette County.....	7
Fountain County.....	1	Lamar County.....	5
Hendricks County.....	6	Lauderdale County.....	19
Henry County.....	2	Lawrence County.....	2
Huntington County.....	1	Leake County.....	1
Jay County.....	1	Lee County.....	4
Johnson County.....	2	Leflore County.....	10
Kosciusko County.....	2	Lincoln County.....	23
Lake County.....	2	Lowndes County.....	1
Laporte County.....	2	Madison County.....	3
Lawrence County.....	5	Marion County.....	5
Marion County.....	7	Monroe County.....	3
Martin County.....	4	Marshall County.....	16
Montgomery County.....	1	Neshoba County.....	3
Orange County.....	1	Newton County.....	4
Ripley County.....	1	Oktibbeha County.....	5
Scott County.....	1	Panola County.....	10
St. Joseph County.....	10	Pearl River County.....	2
Switzerland County.....	1	Perry County.....	7
Vanderburgh County.....	3	Pike County.....	26
Washington County.....	6	Pontotoc County.....	2
Total.....	60	Prentiss County.....	1
		Scott County.....	8
		Simpson County.....	9
		Smith County.....	5

TYPHOID FEVER—Continued.

State Reports for June, 1917—Continued.

Place.	New cases reported.	Place.	New cases reported.
Mississippi—Continued.		Pennsylvania—Continued.	
Stone County.....	4	Philadelphia County.....	92
Sunflower County.....	15	Schuylkill County.....	1
Tate County.....	12	Snyder County.....	1
Tippah County.....	5	Tioga County.....	2
Tishomingo County.....	10	Vonango County.....	2
Union County.....	3	Washington County.....	11
Warren County.....	5	Westmoreland County.....	7
Washington County.....	9	York County.....	10
Wayne County.....	3	Total.....	298
Webster County.....	1	South Carolina:	
Yalobusha County.....	8	Abbeville County.....	6
Yazoo County.....	13	Beaufort County.....	1
Total.....	495	Berkeley County.....	4
Nevada:		Charleston County.....	30
Washoe County.....	3	Chester County.....	6
White Pine County.....	1	Chesterfield County.....	2
Total.....	4	Dorchester County.....	1
North Dakota:		Fairfield County.....	2
Burke County.....	4	Greenville County.....	10
Burleigh County.....	3	Greenwood County.....	4
Cass County.....	1	Kershaw County.....	7
Eddy County.....	1	Laurens County.....	1
McLean County.....	1	Lexington County.....	1
Morton County.....	1	Marion County.....	5
Mountrail County.....	1	Marlboro County.....	20
Nelson County.....	1	Newberry County.....	3
Richland County.....	2	Oconee County.....	10
Rolette County.....	1	Orangeburg County.....	13
Stutsman County.....	1	Pickens County.....	2
Ward County.....	6	Richland County.....	18
Wells County.....	1	Saluda County.....	3
Total.....	24	Spartanburg County.....	12
Pennsylvania:		Sumter County.....	1
Adams County.....	3	Williamsburg County.....	1
Allegheny County.....	43	Total.....	163
Armstrong County.....	10	Washington:	
Beaver County.....	3	Benton County.....	1
Bedford County.....	5	Clarke County.....	1
Berks County.....	12	Ridgefield.....	2
Blair County.....	6	Cowlitz County—	
Bradford County.....	8	Woodland.....	1
Bucks County.....	6	King County—	
Butler County.....	2	Seattle.....	8
Cambria County.....	4	Kitsap County—	
Chester County.....	5	Charleston.....	2
Clarion County.....	1	Lincoln County.....	1
Clearfield County.....	2	Davenport.....	1
Crawford County.....	2	Pacific County—	
Dauphin County.....	4	Ilwaco.....	4
Delaware County.....	3	Pierce County—	
Erie County.....	1	Tacoma.....	1
Fayette County.....	3	Skagit County—	
Franklin County.....	3	Mount Vernon.....	2
Greene County.....	1	Snohomish County—	
Hantington County.....	1	Everett.....	9
Indiana County.....	1	Monroe.....	5
Jefferson County.....	2	Spokane County—	
Juniata County.....	1	Spokane.....	12
Lancaster County.....	4	Stevens County.....	1
Lawrence County.....	3	Walla Walla County.....	2
Lebanon County.....	1	Walla Walla.....	2
Lehigh County.....	7	Whitman County.....	2
Luzerne County.....	2	St. John.....	1
Lycoming County.....	1	Yakima County.....	6
Mercer County.....	5	Total.....	64
Mifflin County.....	1	Wyoming:	
Montgomery County.....	8	Uinta County.....	2
Montour County.....	1	Carbon County.....	1
Northampton County.....	3	Total.....	3
Northumberland County.....	2		
Perry County.....	2		

TYPHOID FEVER—Continued.

Arkansas Report for May, 1917.

Place.	New cases reported.	Place.	New cases reported.
Arkansas:		Arkansas—Continued.	
Garland County.....	8	Mississippi County.....	23
Greene County.....	2	Sevier County.....	8
Hempstead County.....	1	Washington County.....	8
Hot Spring County.....	4		
Jefferson County.....	1	Total.....	56
Mariion County.....	1		

City Reports for Week Ended July 14, 1917.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Albany, N. Y.	4		New Britain, Conn.	1	1
Baltimore, Md.	8	2	New Castle, Pa.	1	
Beaver Falls, Pa.	1		New Haven, Conn.	1	
Birmingham, Ala.	22	2	New Orleans, La.	35	3
Boston, Mass.	4		Newton, Mass.	3	
Buffalo, N. Y.	2	1	New York, N. Y.	31	3
Cairo, Ill.		1	Niagara Falls, N. Y.	1	
Cambridge, Mass.		1	Norfolk, Va.	4	
Charleston, S. C.	5	1	Norristown, Pa.	1	
Chelsea, Mass.	2		North Adams, Mass.	1	
Chicago, Ill.	2		Oakland, Cal.	2	
Cincinnati, Ohio.	1	1	Oklahoma (ity, Okla.	3	
Cleveland, Ohio.	4	1	Philadelphia, Pa.	3	
Coffeyville, Kans.	9		Pittsburgh, Pa.	2	3
Columbus, Ohio.	1		Portland, Me.	2	
Cumberland, Md.	4	1	Providence, R. I.	2	
Danville, Ill.	3	1	Quincy, Mass.	1	
Denver, Colo.	1	1	Richmond, Va.	2	
Detroit, Mich.	9	2	Rocky Mount, N. C.	3	
El Paso, Tex.		1	Rutland, Vt.	3	1
Everett, Mass.	1		St. Louis, Mo.	6	
Fort Worth, Tex.	3		Salt Lake City, Utah	9	
Galveston, Tex.	1		San Francisco, Cal.	6	
Grand Rapids, Mich.		1	Sacramento, Cal.	3	
Harrisburg, Pa.	1		Sandusky, Ohio	1	
Hartford, Conn.	1	1	Savannah, Ga.	1	1
Hoboken, N. J.	1		Schenectady, N. Y.	3	
Indianapolis, Ind.	2		Seattle, Wash.	1	
Jackson, Mich.	1		South Bend, Ind.	1	
Johnstown, Pa.		1	Springfield, Mass.	1	
Kansas City, Mo.	2	1	Steelton, Pa.	1	
Knoxville, Tenn.	7		Steubenville, Ohio.	1	
Little Rock, Ark.	3		Syracuse, N. Y.	1	
Los Angeles, Cal.	10	1	Toledo, Ohio.	2	
Lynchburg, Va.	18		Trenton, N. J.	2	
Lynn, Mass.	2		Troy, N. Y.	2	
Memphis, Tenn.	7		Washington, D. C.	8	1
Milwaukee, Wis.		1	Wheeling, W. Va.	9	
Mobile, Ala.	3	1	Wichita, Kans.	3	
Nashville, Tenn.	10		Wilmington, N. C.	2	
Newark, N. J.	2		Winston-Salem, N. C.	9	
New Bedford, Mass.	2		Worcester, Mass.	2	1

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS.

State Reports for June, 1917.

Place.	Cases reported.			Place.	Cases reported.		
	Diphtheria.	Measles.	Scarlet fever.		Diphtheria.	Measles.	Scarlet fever.
Connecticut.....	137	984	114	North Dakota.....	33	83	32
Indiana.....	150	1,283	203	Pennsylvania.....	891	4,389	564
Iowa.....	37		92	South Carolina.....	94	74	4
Mississippi.....	37	10,847	22	Washington.....	28	485	89
Nevada.....	1	45	7	Wyoming.....		69	24

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

Arkansas Report for May, 1917.

During the month of May, 1917, 6 cases of diphtheria, 474 cases of measles, and 8 cases of scarlet fever were reported in Arkansas.

City Reports for Week Ended July 14, 1917.

City.	Population as of July 1, 1916 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Over 500,000 inhabitants:										
Baltimore, Md.	589,621		5	1	66	1	6		64	13
Boston, Mass.	756,476	183	57	1	93	3	24		131	26
Chicago, Ill.	2,497,772	597	149	21	173	5	159	8	394	74
Cleveland, Ohio.	674,973	187	29	2	34	1	7		44	14
Detroit, Mich.	571,784	194	57	6	16	2	53		23	18
Los Angeles, Cal.	503,812		4	1	26		9		45	16
New York, N. Y.	5,602,841	1,134	257	21	355	14	58	3	326	162
Philadelphia, Pa.	1,709,518	450	44	11	72	2	18		151	69
Pittsburgh, Pa.	579,090	164	15		63		4		30	10
St. Louis, Mo.	757,309	183	40	6	20		30		54	11
From 300,000 to 500,000 inhabitants:										
Buffalo, N. Y.	468,558	156	13	1	17		14		33	12
Cincinnati, Ohio.	410,476	114	9		6		4		19	11
Jersey City, N. J.	306,345	77	12	1	15		8	1	20	4
Milwaukee, Wis.	436,525	80	17	2	66		24	1	19	10
Minneapolis, Minn.	263,454		16		15		6			
Newark, N. J.	406,894	101	11		34		6		46	18
New Orleans, La.	371,747		7		2		1		42	27
San Francisco, Cal.	463,516	145	8	1	37		7		27	11
Seattle, Wash.	348,639				7		3		5	3
Washington, D. C.	383,980	109	4		41		3		32	16
From 200,000 to 300,000 inhabitants:										
Columbus, Ohio.	214,878	62	2		1		4		7	3
Denver, Colo.	280,800	42	5		4		4			6
Indianapolis, Ind.	271,708		15		20		11		29	
Kansas City, Mo.	287,847	82	5		4		8		2	9
Portland, Oreg.	285,463	36			2		6		15	3
Providence, R. I.	254,960	66	9		4		4		3	3
Rochester, N. Y.	256,417	53	8	2	71		21		8	3
From 100,000 to 200,000 inhabitants:										
Albany, N. Y.	104,199				11		2		7	
Birmingham, Ala.	181,762	82	1		13		1		16	11
Bridgeport, Conn.	122,579	43	3	1	1		2		5	4
Cambridge, Mass.	128,981	15	3		8		3		4	4
Camden, N. J.	106,283		3		1				2	
Dayton, Ohio.	187,224	53			6		4		13	6
Fall River, Mass.	123,266	27	2		11		5		8	2
Fort Worth, Tex.	104,562	28			2		2			
Grand Rapids, Mich.	128,291	25	5		7		2		4	1
Hartford, Conn.	140,906	44	11	1	8	1	2		1	1
Lawrence, Mass.	100,500	19	4		1		1		6	3
Lowell, Mass.	113,265	15	10		1		1			
Lynn, Mass.	102,425	25	1		8		2		3	
Memphis, Tenn.	148,986	37	1				2		23	8
Nashville, Tenn.	117,057	47			17				6	4
New Bedford, Mass.	118,158	22	3		17				12	4
New Haven, Conn.	149,685		1		20	1	1		7	5
Oakland, Cal.	198,604	22	1		3		2		5	4
Omaha, Nebr.	165,470	73	1	1	1		3		4	4
Reading, Pa.	109,381	19	2				3		3	3
Richmond, Va.	159,687	60	1		3				5	8
Salt Lake City, Utah.	117,399	25	1	1	3		6		1	1
Springfield, Mass.	105,942	30	3		5		1		6	2
Syracuse, N. Y.	155,624	38	2		28		1	1	8	4
Toledo, Ohio.	191,554	54	7		19		15		1	9
Trenton, N. J.	111,593	24	4		3				6	7
Worcester, Mass.	163,314	33	5		6		3		8	2
From 50,000 to 100,000 inhabitants:										
Akron, Ohio.	85,625		23		2		1		1	
Allentown, Pa.	63,505		14		1		1		2	
Atlantic City, N. J.	57,660				10				3	
Bayonne, N. J.	69,893		1		1				1	
Berkeley, Cal.	57,653		8		3		1			
Binghamton, N. Y.	53,972		17		6		4		2	1

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

City Reports for Week Ended July 14, 1917—Continued.

City.	Population as of July 1, 1916 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
From 50,000 to 100,600 inhabitants—Continued.										
Brockton, Mass.	67,449	17	1				1		1	2
Canton, Ohio.	60,852	18	4				1			1
Charleston, S. C.	60,734	36	1		1					1
Covington, Ky.	57,144	10					1			1
Duluth, Minn.	94,485	14			19					6
El Paso, Tex.	63,705	48								1
Erie, Pa.	75,195						1		5	28
Evansville, Ind.	76,078	17							1	3
Flint, Mich.	54,772	16	6		3		8	1	3	1
Ft. Wayne, Ind.	76,183	23	4		5					2
Harrisburg, Pa.	72,015	18	2		5		1		5	2
Hoboken, N. J.	77,214	14	3		4		5		7	1
Johans town, Pa.	63,529	22	2		6		1		1	2
Kansas City, Kans.	99,437		1				1			
Lancaster, Pa.	50,853		1		3					
Little Rock, Ark.	57,343	30	1							
Malden, Mass.	51,155	6	2	1	15				2	
Manchester, N. H.	78,283	21			3		1		2	2
Mobile, Ala.	58,221	21			1					
New Britain, Conn.	53,794	12								
Norfolk, Va.	89,612				1		1		2	4
Oklahoma City, Okla.	92,943	19					1			2
Passaic, N. J.	71,744	17	16	1					2	
Rockford, Ill.	55,185	11	1		5		2			2
Sacramento, Cal.	66,895	27	1		5		1		1	6
Saginaw, Mich.	55,642	6	1				2		1	
San Diego, Cal.	53,330	11			40		1		42	4
Savannah, Ga.	68,805	33			1				1	3
Schenectady, N. Y.	99,519	14			15				4	
Sioux City, Iowa.	57,078						5			
Somerville, Mass.	87,039	9	7		8		6		3	1
South Bend, Ind.	68,946	12			4		1		2	1
Springfield, Ill.	61,120	17	2		5					
Springfield, Ohio.	31,550	11			9		1		5	1
Terre Haute, Ind.	66,063	13			1					
Troy, N. Y.	77,916		5		46		3		11	4
Wichita, Kans.	70,722				3		2		2	1
Wichita-Barre, Pa.	76,776	15	9	1	17		1		2	5
Wilmington, Del.	94,265	27	2	1	5		1		5	5
York, Pa.	51,656		1				1		3	
From 25,000 to 50,000 inhabitants:										
Alameda, Cal.	27,732	4			1		1			1
Auburn, N. Y.	37,385	10	1	1						
Aurora, Ill.	34,204		1				4			
Austin, Tex.	34,814	14					1			
Bellingham, Wash.	32,985	4								
Brookline, Mass.	32,730	9	1		4		1		1	
Butler, Pa.	27,632	9	1		1		2			
Butte, Mont.	43,425	1	4		1		3		4	
Chelsea, Mass.	46,192	13	5				2		2	1
Chicopee, Mass.	29,319	8			2				6	2
Cumberland, Md.	26,074	6			5				2	1
Danville, Ill.	32,261	7			2				1	
Davenport, Iowa.	48,811						2			
Dubuque, Iowa.	39,873						1			
East Orange, N. J.	42,458	5	1		12		2		1	1
Elgin, Ill.	28,203	6	1		1					
Everett, Mass.	39,233	2	1		16					
Everett, Wash.	35,486	3					1		1	
Fitchburg, Mass.	41,781	10	1		3		2		3	1
Galveston, Tex.	41,863	15	1		1					1
Green Bay, Wis.	29,353	11								
Haverhill, Mass.	48,477		1				1		2	1
Jackson, Mich.	35,363	8	1		2					
Kalamazoo, Mich.	48,886	13	1		33				4	2
Kenosha, Wis.	31,576	6			4	1		1	1	
Knoxville, Tenn.	38,676						1		1	1
La Crosse, Wis.	31,677	7	2							
Lexington, Ky.	41,097	22			1				1	2
Lima, Ohio.	35,384	15			1		3			
Lincoln, Nebr.	46,515	12			1					
Long Beach, Cal.	27,587	8								
Lorain, Ohio.	36,964				2		3			

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

City Reports for Week Ended July 14, 1917—Continued.

City.	Popula- tion as of July 1, 1916 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
From 25,000 to 50,000 inhabit- ants—Continued.										
Lynchburg, Va.	32,940	10							1	1
Madison, Wis.	30,699	2			2		7	1		
McKeesport, Pa.	47,521	13	1		1				2	1
Medford, Mass.	26,234	9			3					1
Montclair, N. J.	26,318	6			1		1		2	
Newburgh, N. Y.	29,603	12			7		3			4
New Castle, Pa.	41,133				1				12	
Newport, Ky.	31,927	8							3	3
Newport, R. I.	30,108	10					2			1
Newton, Mass.	43,715	10			9		1			
Niagara Falls, N. Y.	37,353	20			1	1				1
Norristown, Pa.	31,401	5								
Ogden, Utah	31,404	6								
Orange, N. J.	33,080	7					2			1
Pasadena, Cal.	46,450	7			1				1	1
Perth Amboy, N. J.	41,185	5			1				4	
Pittsfield, Mass.	38,629	5			5				8	1
Portsmouth, Va.	39,651	6			1		2			6
Quincy, Ill.	36,793	6			1					
Quincy, Mass.	38,136	8			3		2			1
Racine, Wis.	46,486	13					1		1	
Roanoke, Va.	43,284	11							1	1
Rock Island, Ill.	28,926	9	1		2		1			
San Jose, Cal.	38,902				5		1		1	
Steubenville, Ohio	27,445	3			1				1	
Superior, Wis.	46,226	10			1					2
Taunton, Mass.	36,283	7					2			
Topeka, Kans.	48,726	3					3		2	1
Waltham, Mass.	30,570	10	4		17		1			1
Watertown, N. Y.	29,894				11					
West Hoboken, N. J.	43,139	2	1		1		2		1	1
Wheeling, W. Va.	43,377	13			1				1	
Williamsport, Pa.	33,809		3		1		1			
Wilmington, N. C.	29,892	13			1		1			
Winston-Salem, N. C.	31,155	15			1		1		6	2
Zanesville, Ohio	30,863	10					2		1	2
From 10,000 to 25,000 inhabitants:										
Alton, Ill.	22,874	11			1				6	1
Ann Arbor, Mich.	15,010	5	1		8		2			
Berlin, N. H.	13,599	5								
Bradock, Pa.	21,685		1		1		1			
Cairo, Ill.	15,794	6								
Clinton, Mass.	13,075	1							2	
Coffeyville, Kans.	17,548		1							
Concord, N. H.	22,669	11	1		27					1
Dunkirk, N. Y.	20,743	3								
Galesburg, Ill.	24,276	3	5	1	4					
Harrison, N. J.	16,950	1			1					
Kearny, N. J.	23,539	6	1							
Kokomo, Ind.	20,930	5					1		1	
Long Branch, N. J.	15,395	3			11				1	
Marinette, Wis.	14,610	2								
Melrose, Mass.	17,445	7			4				1	
Norristown, N. J.	13,284	4								2
Muscatine, Iowa	17,500								1	1
Nanticoke, Pa.	23,126	2								
Newburyport, Mass.	15,243	2			2				1	
New London, Conn.	20,985	8			11					
North Adams, Mass.	22,019	8			2				1	
Northampton, Mass.	19,926	6			1		1		3	1
Plainfield, N. J.	23,805	4							1	
Pontiac, Mich.	17,524				7		11			
Portsmouth, N. H.	11,666		2							
Rocky Mount, N. C.	12,067	5							2	
Rutland, Vt.	14,831	2			1					
Sandusky, Ohio	20,193	5							2	
Saratoga Springs, N. Y.	13,821	2			1					
Steelton, Pa.	15,548	4	1		1				2	
Washington, Pa.	21,618						1			
Wilksburg, Pa.	23,228	7			1					

* Population April 15, 1910; no estimate made.

FOREIGN.

CUBA.

Communicable Diseases—Habana.

Communicable diseases have been notified at Habana as follows:

Disease.	June 21-30, 1917.		Remain- ing under treat- ment.	Disease.	June 21-30, 1917.		Remain- ing under treat- ment.
	Cases.	Deaths.			Cases.	Deaths.	
Diphtheria.....	5	1	6	Paratyphoid fever..	2		2
Leprosy.....			10	Typhoid fever.....	13	3	38
Malaria.....	9	1	19	Varicella.....			1
Measles.....	8	1	19				

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

Reports Received During the Week Ended August 3, 1917.¹

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
India:				
Calcutta.....	May 20-26.....		22	
Indo-China:				
Saigon.....	Apr. 23-May 27....	163	108	
Persia:				
Mazanderan Province—				
Amir Kela.....	Feb. 3.....	1		
Barfourouche.....	Jan. 15-17.....	4		
Hamze Kela.....	Jan. 17.....	1		
Mechidessar.....	Jan. 31.....	3		
Philippine Islands:				
Provinces.....				June 10-16, 1917: Cases, 134; deaths, 96.
Albay.....	June 9-16.....	16	11	
Bohol.....	do.....	44	34	
Capiz.....	do.....	3	4	
Cebu.....	do.....	32	27	
Leyte.....	do.....	6	2	
Sorsogon.....	do.....	31	16	
Tayabas.....	do.....	2	2	

PLAGUE.

Arabia:				
Aden.....	June 5-11.....		3	
China:				
Hongkong.....	May 27-June 9....	5	3	
India.....				May 20-26, 1917: Cases, 4,339; deaths, 3,423.
Bombay.....	May 27-June 2....	64	55	
Calcutta.....	May 20-26.....		4	
Indo-China:				
Saigon.....	Apr. 23-May 27....	27	15	
Union of South Africa:				
Orange Free State.....				Apr. 16-22, 1917: 1 case. Total, Apr. 9-22, 1917: Cases, 26; deaths, 17.

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

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

Reports Received During the Week Ended August 3, 1917—Continued.

SMALLPOX.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Antung.....	June 11-24.....	3		Varioloid. Present.
Chungking.....	May 27-June 2.....			
Dairen.....	June 3-23.....	15	3	Cases foreign; deaths native.
Hongkong.....	June 9-16.....	1	1	
Shanghai.....	June 11-24.....	4	11	
Tientsin.....	June 3-9.....	7		
Tsingtao.....	June 12-16.....	10	2	
India:				
Bombay.....	May 27-June 2.....	20	9	
Calcutta.....	May 20-26.....		1	
Indo-China:				
Saigon.....	Apr. 23-May 27.....	132	42	
Italy:				
Turin.....	June 18-24.....	12	4	
Japan:				
Kobe.....	June 18-24.....	2		
Mexico:				
Mexico City.....	June 17-30.....	67		
Portugal:				
Lisbon.....	May 27-June 9.....	4		
Russia:				
Petrograd.....	Apr. 15-May 12.....	145		
Riga.....	May 13-19.....	1		
Sweden:				
Stockholm.....	May 27-June 2.....		1	
Venezuela:				
Maracaibo.....	June 18-July 1.....		5	

TYPHUS FEVER.

China:				
Hankow.....	June 9-16.....	1		
Great Britain:				
Cork.....	June 17-23.....		1	
Greece:				
Saloniki.....	May 20-June 16.....		11	
Japan:				
Nagasaki.....	June 18-24.....	3		
Mexico:				
Mexico City.....	June 17-30.....	238		
Netherlands:				
Rotterdam.....	June 9-23.....	3	2	
Russia:				
Petrograd.....	Apr. 15-May 18.....	68		

Reports Received From June 30 to July 27, 1917.

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
India:				
Bassein.....	Apr. 1-May 5.....		8	
Calcutta.....	Apr. 29-May 19.....		251	
Madras.....	Apr. 22-28.....	1	1	
Manila.....	May 6-12.....		1	
Moulmein.....	May 13-19.....		2	
Pakokku.....	Apr. 25-May 5.....		1	
Rangoon.....	Apr. 21-May 19.....	30	15	
Java:				
East Java.....	Apr. 2-8.....	1		Apr. 13-19, 1917: 1 case.
West Java.....				
Batavia.....	Apr. 13-19.....	1		
Philippine Islands:				
Provinces.....				
Albay.....	May 20-June 9.....	61	41	May 20-June 9, 1917: Cases, 519; deaths, 321.
Ambos Camarines.....	June 3-9.....	2	1	
Bohol.....	May 20-June 9.....	207	129	
Capiz.....	June 3-9.....	1		
Cebu.....	.....	110	63	
Sorsogon.....	.....	86	43	
Tayabas.....	.....	1	1	

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

Reports Received From June 30 to July 27, 1917—Continued.

PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
Arabia:				
Aden.....	May 3-30.....		35	Apr. 8-May 14, 1917: Cases, 69; deaths, 51.
Ceylon:				
Colombo.....	Apr. 8-May 19....	39	32	
China:				
Amoy.....	Apr. 29-May 5....			Present and in vicinity.
Hongkong.....	May 13-26.....	8	5	
Kwangtung Province— Ta-pu district.....	June 2.....			
Egypt:				
Suez.....	May 12-17.....	4	2	Jan. 1-May 17, 1917: Cases, 231; deaths, 116.
Provinces—				
Fayoum.....	May 11-17.....	12	6	
Girgeh.....	May 17.....		1	
Minieh.....	May 12-15.....	2	2	
Siout.....	May 12.....	3	1	
Great Britain:				
London.....	May 3-8.....	2		2 in hospital at port. From S. S. Sardinia from Australian and oriental ports.
India:				Apr. 15-May 19, 1917: Cases, 30,206; deaths, 29,613.
Bassein.....	Apr. 1-May 19.....		39	
Bombay.....	Apr. 22-May 26.....	279	242	
Calcutta.....	Apr. 29-May 19.....		36	
Henzada.....	Apr. 1-May 19.....		33	
Karachi.....	Apr. 22-May 26.....	460	411	
Madras Presidency.....	do.....	210	171	
Mandalay.....	Apr. 8-May 12.....		9	
Moulmein.....	Apr. 1-May 12.....		52	
Myingyan.....	Apr. 1-7.....		1	
Rangoon.....	Apr. 15-May 19.....	115	110	
Toungoo.....	Apr. 8-14.....		2	
Java:				
East Java.....				Apr. 2-22, 1917: Cases, 18; deaths, 18.
Surabaya.....	Apr. 2-22.....	13	13	
Surakarta.....	do.....	5	5	
Peru.....				May 16-31, 1917: Cases, 15.
Departments—				
Arequipa.....	May 16-31.....	4		At Mollendo.
Callao.....	do.....	1		At Callao.
Lambayeque.....	do.....	2		At Chiclayo.
Libertad.....	do.....	7		At Salaverry, San Pedro, and Trujillo.
Lima.....	do.....	1		At Lima.
Siam:				
Bangkok.....	Apr. 22-May 26.....	11	10	
Union of South Africa:				
Cape of Good Hope State— Queenstown.....	June 6.....	1		

SMALLPOX.

Australia:				
New South Wales.....				Apr. 27-May 10, 1917: Cases, 6.
Brewarrina.....	Apr. 27-May 10.....	4		
Quambone.....	do.....	2		
Queensland—				From s. s. St. Albans from Kobe via Hongkong. Vessel proceeded to Townsville, Brisbane, and Sydney, in quarantine.
Thursday Island Quarantine Station.....	May 9.....	1		
Brazil:				
Bahia.....	May 6-12.....	1		
Rio de Janeiro.....	May 6-June 16.....	78	16	
Canada:				
Manitoba—				Present in district.
Winnipeg.....	June 10-16.....	1		
Nova Scotia—				
Halifax.....	June 18-July 7.....	3		
Port Hawkesbury.....	June 17-30.....			
Ceylon:				
Colombo.....	May 6-12.....	1		

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

Reports Received From June 30 to July 27, 1917—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Amoy.....	Apr. 29-May 26.....	.....	.....	Present and in vicinity.
Antung.....	May 21-27.....	1	.....	Present.
Chungking.....	May 6-26.....	.....	.....	Do.
Changsha.....	May 27-June 2.....	5	.....
Dairen.....	May 13-June 2.....	11	1	
Harbin.....	Apr. 23-May 6.....	7	.....	On Chinese Eastern Ry.
Hongkong.....	May 6-26.....	7	6	
Manchuria Station.....	Apr. 23-29.....	1	.....	Do.
Mukden.....	May 27-June 2.....	.....	.....	Present.
Shanghai.....	May 21-June 10.....	8	16	Cases foreign; deaths among natives.
Tientsin.....	May 13-26.....	5	.....
Tsitsihar Station.....	Apr. 16-22.....	1	.....	On Chinese Eastern Ry.
Tsingtao.....	May 22-June 11.....	25	3	At another station on railway, 1 case.
Egypt:		33	7	
Alexandria.....	Apr. 30-June 10.....	.....	.....
Germany.....				Mar. 18-Apr. 23, 1917: Cases, 715 in cities and 32 States and districts.
Berlin.....	Mar. 18-Apr. 23.....	106	.....
Bremen.....	.....do.....	16	.....
Charlottenburg.....	.....do.....	18	.....
Hamburg.....	.....do.....	50	.....
Leipzig.....	.....do.....	20	.....
Lübeck.....	.....do.....	2	.....
Munich.....	.....do.....	10	.....
Stuttgart.....	.....do.....	1	.....
India:				
Bombay.....	Apr. 22-May 26.....	68	25	
Calcutta.....	Apr. 29-May 19.....	.....	11	
Karachi.....	Apr. 22-May 19.....	13	5	
Madras.....	Apr. 22-May 26.....	56	35	
Rangoon.....	Apr. 15-May 26.....	25	4	
Italy:				
Turin.....	May 21-June 3.....	20	8	
Japan:				
Kobe.....	May 27-June 17.....	50	15	
Nagasaki.....	May 28-June 3.....	1	.....
Osaka.....	May 16-June 10.....	161	55	
Yokohama.....	May 27-June 1.....	.....	1	
Java:				
East Java.....	Apr. 2-29.....	11	1	
Mid-Java.....	Apr. 1-21.....	16	.....
West Java.....	.....	.....	.....	Apr. 13-May 10, 1917: Cases, 46; deaths, 7.
Batavia.....	Apr. 13-May 3.....	11	2	
Mexico:				
Mexico City.....	June 3-16.....	95	.....
Monterey.....	June 18-24.....	.....	24	
Philippine Islands:				
Manila.....	May 13-June 9.....	6	.....	Varioloid.
Portugal:				
Lisbon.....	May 13-26.....	4	.....
Portuguese East Africa:				
Lourenço Marquez.....	Mar. 1-31.....	.....	1	
Russia:				
Archangel.....	May 1-14.....	7	2	
Petrograd.....	Feb. 18-Mar. 10.....	186	.....
Riga.....	Mar. 11-May 5.....	2	.....	Jan. 1-31, 1917: Cases, 7.
Vladivostok.....	Mar. 15-21.....	23	7	
Spain:				
Madrid.....	May 1-31.....	.....	3	
Seville.....	.....do.....	.....	5	
Valencia.....	June 3-23.....	3	.....
Straits Settlements:				
Penang.....	Mar. 18-May 12.....	5	2	
Sweden:				
Malmö.....	Apr. 22-28.....	1	.....
Stockholm.....	May 20-26.....	1	.....
Tunisia:				
Tunis.....	June 2-8.....	2	.....
Turkey in Asia:				
Trebizond.....	Feb. 25-Apr. 13.....	.....	15	
Union of South Africa:				
Johannesburg.....	Mar. 12-24.....	4	.....

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

Reports Received From June 30 to July 27, 1917—Continued.

TYPHUS FEVER.

Place.	Date.	Cases.	Deaths.	Remarks.
Austria-Hungary:				
Austria.....				Oct. 22-Dec. 17, 1917: Cases, 2,371.
Bohemia.....	Oct. 22-Dec. 17.....	634		
Galicja.....	do.....	809		
Lower Austria.....	do.....	47		
Moravia.....	do.....	617		
Silesia.....	do.....	16		
Styria.....	do.....	243		
Upper Austria.....	do.....	5		
Hungary:				
Budapest.....	Feb. 19-Mar. 25.....	83		Feb. 19-Mar. 25, 1917: Cases, 1,381.
China:				
Tsingtao.....	May 30-June 9.....	2		
Egypt:				
Alexandria.....	Apr. 30-June 10.....	1,421	413	
Greece:				
Saloniki.....	May 13-19.....		15	
Japan:				
Nagasaki.....	June 11-17.....	1		
Java:				
Mid-Java.....	Apr. 1-30.....	7	2	Apr. 13-May 10, 1917: Cases, 36.
West Java.....	Apr. 13-May 10.....	22		
Mexico:				
Mexico City.....	June 3-16.....	193		
Portuguese East Africa:				
Lourenço Marquez.....	Mar. 1-31.....	1		
Russia:				
Archangel.....	May 1-14.....	2		
Petrograd.....	Feb. 18-Mar. 10.....	16	3	
Riga.....	Jan. 1-31.....	1		
Vladivostok.....	Mar. 29-May 21.....	5		
Spain:				
Madrid.....	May 1-31.....		2	

YELLOW FEVER.

Mexico:				
Yucatan, State—				
Peto.....	June 23.....	1	1	In person recently arrived from Mexico City.

X