# PUBLIC HEALTH REPORTS

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No. 34

# POLIOMYELITIS (INFANTILE PARALYSIS).

ITS PRESENT PREVALENCE IN THE UNITED STATES.

Occasional cases of poliomyelitis (infantile paralysis) are reported from all parts of the country. This has been so for a number of years. During the present summer, however, the only localities in which the reported prevalence of the disease has been such as to indicate the presence of outbreaks are: Washington County, Vt.; city of Haverhill, Mass.; city of New Castle, Pa.; Allegany County, Md.; Braxton County and Marion County, W. Va.; Rockingham County, Va.; Belmont County, Ohio; and Blue Mounds Township, Pope County, Minn. All these outbreaks have been comparatively small and with but few cases. In no locality in the United States is there an outbreak of any size, or one that seems likely to develop into a serious epidemic.

Washington County, Vt.—In Washington County there were during June, 31 reported cases, and during July, 22. Comparatively few cases have been reported since the 1st of August. The main focus of the disease was in the city of Montpelier, where there were four cases reported between June 16 and June 22, and 29 cases between June 19 and July 7. The next most important focus was in the town of Barre, where there were 15 cases reported between June 16 and August 18. At Waterbury there were eight cases between July 7 and August 18. The outbreak seems to be on the wane since the latter part of July. The population of Montpelier at the time of the 1910 census was 7,856. The population of Washington County was approximately 42,000.

Haverhill, Mass.—In Haverhill 5 cases of poliomyelitis were reported in June, 10 in July, and 16 between August 1 and 22. The outbreak here seems to be still on the increase. The population of Haverhill, estimated as of July 1, 1916, is 48,477.

New Castle, Pa.—In New Castle 4 cases of poliomyelitis were reported between July 1 and July 28. In the next two weeks, ended August 11, 9 cases, and in the week ended August 18, 14 cases. The

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disease here is on the increase. The estimated population of New Castle, as of July 1, 1916, is 41,133.

Allegany County, Md.—In Allegany County, Md., 23 cases of poliomyelitis were reported between July 15 and August 18. For the five weeks ended August 18, the numbers of cases reported by weeks were 7, 6, 2, 3, 5. The main focus was at Barton, where 10 cases were reported in July. The outbreak in this locality seems to be diminishing. The population of Allegany County at the time of the 1910 census was approximately 63,000.

Braxton County, W. Va.—In this county 10 cases were reported in July and 7 cases during the first 18 days of August. The outbreak in this county seems to be diminishing. The population of Braxton County in 1910 was 23,023.

Marion County, W. Va.—Thirty-one cases of poliomyelitis were reported in Marion County up to August 18. The first cases were reported in July. The principal focus was at Monongah, where 14 cases were reported in July and 8 in August up to the 18th. The disease in this locality does not seem to be increasing at the present time. The population of Monongah in 1910 was 2,084. The population of Marion County in 1910 was approximately 43,000.

Rockingham County, Va.—The only county in Virginia in which there has been a noticeably unusual prevalence of poliomyelitis is Rockingham County, where there have been reported since June a total of 33 cases. There was 1 case reported in June, 22 cases were reported in July, and 10 cases since the 1st of August. The cases during July were reported at Elkton, Harrisonburg, Grottoes, and McGaheysville. The disease does not seem to be increasing at the present time. The population of Rockingham County in 1910 was approximately 35,000.

In Greene County, Va., seven cases have been reported since the 1st of August, in Page County six cases since the 1st of July, and in Warren County seven cases since the 1st of August. Of the cases in Warren County, six were at Front Royal.

Belmont County, Ohio.—In Belmont County 11 cases were reported in June and 15 in July. The main focus was at Martins Ferry, where 19 of the cases were reported during June and July. The population of Martins Ferry in 1910 was approximately 10,000.

Pope County, Minn.—In Blue Mounds Township, Pope County, Minn., seven cases of poliomyelitis were reported between June 14 and July 19. This constitutes a markedly unusual prevalence of the disease. The population of Blue Mounds Township in 1910 was 557. The outbreak seems to be at an end.

#### MALARIA IN TENNESSEE.

### PREVALENCE AND GEOGRAPHIC DISTRIBUTION.

The periodical circularization of the physicians of Tennessee to determine the prevalence and geographic distribution of malarial infection in the State was begun in 1913, and continued during 1914, 1915, and 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. 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 9 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 No. 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 an average of less than 9 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. It is to be borne in mind, however, that 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 which no physician was in attendance or consulted was probably much greater than the number coming under medical care.

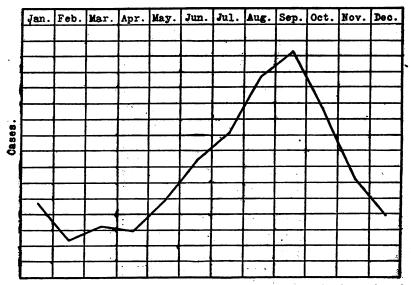
The physicians who cooperated were distributed as to locality throughout all sections of the State, so that the data of the occurrence of malaria furnished by them show the geographic distribution of the disease and reasonably accurately its relative prevalence in the various localities.

<sup>1</sup> 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.

The cases reported throughout the State by months are shown in Table No. 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 No. 3.

The map on page 1341 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 ascer-

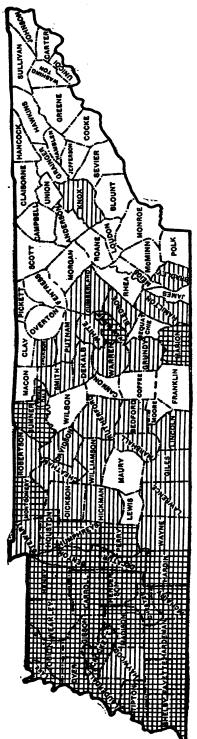


Relative prevalence of malaria in Tennessee, by months, as indicated by the numbers of cases reported.

taining the number of cases reported in each county during the entire period for which reports were received 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 No. 4. It will be noted that tertian infection was reported to have been so diagnosed in 31 counties, quartan in 21 counties, and estivo-autumnal in 24 counties.

By Table No. 5 it will be noted that hemoglobinuric fever was reported in 5 counties.



Relative prevalence of malaria in Tennessee, by counties in proportion to the population, as indicated by the numbers of cases reported.

TABLE 1.—Results of circularization of practicing physicians.

Period.	Inquiry cards sent to physi- cians.	Replies received.	Percent- age of replies.	Counties repre- sented in replies.	Counties not heard from.	Cases of malaria reported.
1913. August to November	3,338	609	18.24			5, 074
1914. January to December	39, 594	4,724	11.93			6,654
January to March April to June July to September October to December	10,014 3,338 3,338 3,338	1,137 279 230 146	11.35 8.36 6.89 4.37	89 65 73 65	7 31 23 31	572 739 1,628 626
January to March April to June July to September October to December	3,338 3,338 3,338 3,338	63 164 287 449	1.89 4.91 8.60 13.45	29 68 80 88	67 28 16 8	69 598 3,607 2,050

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

Year.	Jan- uary.	Feb- ruary.	March.	April.	Мау.	June.	July.	Au- gust.	Sep- tem- ber.	Octo- ber.	No- vem- ber.	De- cem- ber.
1913 1914 1915	735 189 17	289 177 21	398 206 31	362 132 103	597 222 163	757 385 332	554 326 940	1,482 680 532 1,342	1,556 768 770 1,325	1,383 745 413 979	653 443 138 689	326 75 382

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

	Aug.	1 to No 1913.	ov. 30,	Cal	endar : 1914.	year	Cal	endar ; 1915.	year	Cal	endar y 1916.	year
County.	White.	Colored.	Combined.	White.	Colored.	Combined.	White.	Colored.	Combined.	White.	Colored.	Combined.
Anderson Bedford Benton Bledsoe Blount Bradley Campbell Cannon Carroll Carter Cheatham Chester Claiborne Clay Cocke Coffee Crockett Cumberland Davidson Decatur Dekalb Dickson Dyer Fayette Fentress Franklin Gibson Giles Grainger	177 38 6 3 3	1 6 7 7 28 31 120 23 6 6 8 21 36 4 39 2	183 44 233 63 179 54 49 6 6 173 116 25 5	3 45 59 12 2 7 7 23 3 34 4 5 2 2 2 9 9 82 2 1 3 3 2 2 5 5 8 5 2 3 4 0 15 1 7 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1	17 18 13 5 1 22 4 33 33 35 8 8 37 5 18 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	3 62 777 25 7 7 28 35 5 7 2 2 101 2 23 115 1 3 3 290 93 3 3 47 7 156 633 666 67 7	1 4 4 102 25 574 2 26 93 35 55 54 52 166 4 19	39 27 18 33 19 7 28 3 3	1 4 4 141 42 2 5 5 101 126 5 53 888 73 7 7 102 20	233 1322 3 9 166 3 1 151 154 222 336 766 768 769 22 21 13 276 95 22 24 272 34 272	12 154 154 153 26 113 26 150	311 1800 3 3 9 188 3 3 1 1 1633 3 3 3 3 3 3 3 3 3 3 3 3 3

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

	Aug. 1	to No 1913.	v. 30,	Cal	endar : 1914.	year	Cale	endar y 1915.	rear	Cal	endar y 1916.	/ear
County.	White.	Colored.	Combined.	White.	Colored.	Combined.	White.	Colored.	Combined.	White.	Colored.	Combined.
GreeneGrundy	3 12		3 12	5 21	5	5 26	3 10	i	3 11	2 36	<u>2</u>	38
Hamblen	73	18	91	140	15	2 155	53	13	66	95	25	120
Hancock	6 15	19	6 34	1 91	49	1 140	33	38	···- <del>7</del> 1	123	106	229
Hardin	45		45	251	44	295	86	39	125	84	23	107
Hawkins	3 18	1	4 36	7 42	1 10	8	19 20	30 8	49 28	30 59	10 43	40 102
HendersonHenry	9	18 4	9	67	9	52 76	18	5	23 27	57	52	109
HickmanHouston	54 48	9	58 57	18 22 37	3 7	21 29	22 25	5	25	29 12	2 11	31 2
Humphreys	10 9		10 9	37 15	2	39 15	139 2		139 2	44	1	31 2 4 4
James	11	2	13	21		21	i		i	2		2
Jefferson	4		4	1		203	68	5	73	46		47
KnoxLake	53 30	4 15	57 45	201 16	2 8	24	201	212	413	60	1 53	113
Lauderdale	121 53	91	212 53	95 16	65	160 16	12 24		12 24	224 71	108	332 76
LewisLincoln	84	16	100	12 107	25	12 132	51	16	67	34	····ii	4.5
Lottdon			i	18		18	18	4	4 22	3 8	3	11 85
McMinn McNairy	1		<u>.</u>	84	23	107	30	9	39	74	11	
Maeon				144	3 48	10 192	53	5	58	277	110	387
Marion	270 56	136 9	406 65	57 31	<sub>i</sub> -	57 32	6 23	9	10 32	50 24	28 3	387 78 27
Maury	ii	5	16	16	4	20	32 1	6	38 1	6	1	
Meigs	3		_3	8	3 113	11 213	17 80	1 38	18 118	12 91	1 34	13 125
Montgomery	31	23	54	100	113					!		
MorganObion	5 174		5 174	169	52	221	6		6	107	65	172
Overton	17		17	27 9		27 9	7 5		7 5	10 208	<u>.</u>	10 210
PerryPickett				12 1		12	8		8	9		
PolkPutnam	21 18	4	25 22	60	4	64	9		9	63	4	67
RheaRoane	1 16		1 16	11 3		11 3	2		2	6		
RobertsonRutherford	20 11	5	25 11	45 97	11 36	56 133	28 8	3 71	31 79	59 32	3 45	62
Scott				31		31	20		20	13		13
Sequatchie				8		8	227	226	453	16 147	145	16
Shelby	972 63	709 24	1,681 87	813 22 21	746 4	1,559 26 24	21	12	33	102	18	120
StewartSullivan	85 8	16	101	21	3	24	8		8	25 3	3 2	299 120 28
Sumner	47	1 46	3 93	34 84	6 69	40 153	76 50	21 52	97 102	171	155	326
TiptonTrousdaleUnicoi		40	l							6	20	26
Union	3		3	1		1				5	6	i
Van Buren	31	ļ	31	17 19	4	21 19	38	4	1 42	22	3 5	11 27 17
Washington	2		2	15	3	15 9	6		6	17 75	19	9.
Weakley	132		132	46	4	50	37		37	100	6	100 30 47
White Williamson	10	····i	5 11	17	9 10 7	26 17 25	6 22 13	2 2	6 24	31 36	11	4
Wilson		ļ		18	ļ			!	15	5	4	
Total	3,560	1,514	5,074	4,852	1,802	6,654	2,467	1,098	3, 565	4,483	1,841	6,324

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

[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 during the years 1913 and 1914 only.]

•	Tei	tian.	Qua	rtan.	Estivo-	utumnal.
County.	August- Novem- ber, 1913.	January- Septem- ber, 1914.	August- Novem- ber, 1913.	January- Septem- ber, 1914.	August- Novem- ber, 1913.	January- Septem- ber, 1914.
Anderson	]	. +				
Bedford	‡	†		+		+
Benton	+	+	+	+		+
Bledsoe		++++3		l +		+
Blount.		1 +		+	! †	
Bradley		1 I		+	+	2
Carroll		3	+		1	
Carter				1		
Cheatham	‡	+ + + +	+	‡		
Chester	+	+	+	+	+	+
Claiborne		1 +				‡
Clay		+				+
Cocke Coffee	+	4				
Crockett	20	i +	26	‡		‡
Crockett Cumberland		2				
Davidson	44	57	12	1	13	7
Decatur	+	†		+		+
Dekalb	+	1 1	1 +		‡	l
Dickson	I	+ 2 57 + 1 + 7 2	ΙI	+ 10	l I	7
Fayette	+ + + + 41 + + + +	ż	+ + + 2	<b>+</b>	ī	7 + + 2 +
Fentress	+		1			
Franklin	+	+ 54 1	+ 2	+ 5		+ 6
Gibson.	+	54	2	5	+	6
GilesGrainger	+	1 .	+	+	+	+ .
Grome		+		+	•••••	••••••
GreeneGrundy	+ 2	+	+			•••••
Hamblen		i i	1			
Hamilton	18	+ + 16	3 4	+	7	6
Hancock		,	4		2	
Hardeman	<b>†</b>	9 +		<b>+</b>	+ 1	+
HardinHaywood	+ + +	9	+ 2	+	+	+ + 2
Henderson	I	<u>-</u>	<b>1</b>	+		
Henry		i i		+		+
Hickman	+++	+ ++23 3++		+		
Houston	+	2	+			†
Jackson	+	3	+	<b>+</b>	•••••	1
Jefferson.		I	+	I	····i	2
Johnson.	3 4 11					<del>-</del>
Knox	11	49	6	3	13	63
Lake	4	+ 9		+		
LauderdaleLawrence	+ 5	9	2	+	2	+ +
Lewis.	Э.	Ι	•••••			т
Lincoln	+	++++++++++++++++++++++++++++++++++++++	+	2	+	+
Loudon		+				++
MCMINN		+				· · · · · · · · · · · · · · · · · · ·
McNairy	• • • • • • • • • •	+ 1	•••••	+		+ + 4 + + + + 2
Madison.		15	•••••	4		74
Marion.		7		+ 1		÷
Marshall	+ 1	+	+		+	÷
Maury	+	1			‡	÷
Monroe	+ 1	* 1	•••••	+	- t 1	+,
Montgomery	+ + + + + +			T	I	
Obion	<b>+</b>	14		+	+ 1	† 1 4
Overton		1				ì
Perry		1			,	.4
PickettPolk		+ 1		•••••••		+
Putnam	ΙI	I 1		+		i
Knea	<b>∔</b>	<b>∔</b>	+			<del>.</del>
Roane	+	+ 1	+ 1		+	†
Robertson	+ + + + 10	1 + + + + + + 43	+	†	+	1
Rutherford	10 1	95 l		1 1.	· · · · · · · · · · · · · · · · · · ·	••••••

Table 4.—Types of infection reported diagnosed microscopically, by counties, by years—Continued.

	Ter	tian.	Quai	rtan.	Estivo-a	utumnal.
County.	August- Novem- ber, 1913.	January- Septem- ber, 1914.	August- Novem- ber, 1913.	January- Septem- ber, 1914.	August- Novem- ber, 1913.	January- Septem- ber, 1914.
Scott		+ + + 137		+		+
Shelby Smith Stewart Sullivan	‡	137 + 2	82 5 +	6 + 1	141 +	31 + + +
Sumner Tipton Unicoi	+++++++++++++++++++++++++++++++++++++++	4 2 +	+	2	+	1
Union		4 + 3	+	+	i	<u>+</u>
Wayne Weakley White	2 +	+ + 1 5	+	1	+	1
Williamson Wilson		+		1 +	1	+
Total	540	468	147	38	183	137

# TABLE 5.—Hemoglobinuric fever reported, 1916.

County.	Period.	Cases.
Hardeman Haywood Weakley Carroll Hardeman Lauderdale	Third quarterdodo do Fourth quarterdodododo	8 1 1 1 2 8

#### THE NOTIFIABLE DISEASES.1

#### PREVALENCE DURING 1916 IN CITIES OF 10,000 TO 100,000.

DIPHTHERIA, GONORRHEA, MALARIA, MEASLES, EPIDEMIC CEREBROSPINAL MENINGITIS, PELLAGRA, POLIOMYELITIS, RABIES IN MAN, RABIES IN ANIMALS, SCARLET FEVER, SMALLPOX, SYPHILIS, TUBERCULOSIS (PULMONARY), TUBERCULOSIS (ALL FORMS), AND TYPHOID FEVER—CASES AND DEATHS REPORTED, INDICATED CASE RATES PER 1,000 POPULATION, INDICATED FATALITY RATES PER 100 CASES.

Pursuant to the practice which has been carried out for a number of years, a schedule, of which a reproduction appears on page 1347, was sent on January 15, 1917, to the health officers of cities of the United States having a population of over 10,000, according to the census of 1910. With the schedule was sent a letter which is also reproduced. The data of the prevalence of disease contained in the following tables have been compiled from the schedules returned by the municipal health departments. While not all of the cities returned the schedules it will be noted that practically all of those with active health departments have done so.

The absence of figures in the "deaths" column in the tables may mean that no deaths occurred, or that the data as to deaths were not furnished by the health department having jurisdiction.

It will be noted that some of the cities are apparently much more successful in obtaining reports of notifiable diseases than are others. This may be due to the greater activity of their health departments or to a greater interest in the public welfare on the part of the practicing physicians. The completeness of the notification of disease may be taken as a fairly dependable index of the efficiency of the health department and of the sanitary knowledge and training of its personnel.

To so great an extent is this true that the small number of cases reported in some cities indicates grossly incomplete reporting of cases and defective health administration, and not an actual freedom from disease.

Another interesting point brought out in the tables is the illustration of the extent to which the prevalence of disease may vary without being manifest in the death rate. According to the typhoid table on page 1374 Elgin, Ill., had 4 registered deaths from typhoid fever and

<sup>1</sup> In studying these tables it should be kept in mind that a relatively large number of reported cases of a communicable disease, as indicated by a high case rate (and more especially when accompanied by a relatively small number of deaths, as indicated by a low fatality rate), usually means that the health department of that city is active, and that the cases of the disease are being properly reported by the practicing physicians. It does not necessarily mean that the disease is more prevalent in that city than in other cities. A high fatality rate may mean that the disease was unusually virulent in a city, that the physicians did not treat the disease in that city with the success usual elsewhere, or that the practicing physicians did not report all of their cases to the health department. On the other hand, an unusually low fatality rate may be due to the fact that the disease in the city was unusually mild, that the physicians treated it with unusual success, that the practicing physicians reported their cases satisfactorily, or that the registration of deaths was incomplete, or the assignment of the causes of death inaccurate.

218 reported cases. Hazleton, Pa., had the same number of deaths but only 13 cases. With the same number of deaths, Elgin had over 16 times as many cases as had Hazleton. Both have approximately the same estimated population, a little over 28,000. The one, however, had an indicated case rate of 7.7 and the other a rate of less than 0.5. So far as known, the cases were as completely reported in one community as in the other.

Another striking illustration of the difficulties frequently met in using the number of registered deaths as an index of the prevalence of a disease is to be found in the smallpox table. Newcastle, Pa., had two deaths from smallpox. Evansville, Ind., had none. Nevertheless, there were 153 cases of smallpox reported in Evansville, while there were only two cases in Newcastle.

#### Reproduction of Schedule sent to Cities.

	ANNUAL	MORBIDITI	AND	MURIADI	III	SUME	IAB I	,	
City o	of	•••••	, S	tate of					

	-		•		*			
Note.—In th								
been made noti	fiable by la	w, ordina	nce, or regu	lation. Know	n prevalenc	e of other disea	ses can be i	noted
on a sanamta m	amarandur	m .						

The numbers of fatal cases (deaths) registered should be filled in for all the diseases listed, excepting gonorrhea and syphilis.

A registered death of a case not previously reported is to the health department and the epidemiologist simply a delayed report of a case and should be considered as a case as well as a death and included in the cases recorded in this report.

Note with a star (\*) the officially notifiable diseases of which the cases are known not to be satisfactorily reported.

. •		Calendar		
Dise	Diseases.	Cases reported.	Deaths registered.	Do not use this column.
Hnhtharia				
ionorrnea	<del></del>			.
falaria			.	.
leasles	oidemic cerebrospinal)	••••		
ellagra	indefine ceresiospinary			
oliomvelitis	(infantile paralysis)			.
abies (in ma	n)			.  <b>-</b>
abies (in an	imals)			
mallnox				.}
vnhilis			.{	
mberculosis	(pulmonary)		. <b> </b> -	.
uberculosis	(all forms)			
.урдога техе	[		1	1

I certify that the foregoing	g statement is made up from the o	fficial records of th
city of	and that the number of cases and	l deaths correspon
therewith.		
	••••••	
	•••••••	Health Officer.
	•••••	· / ъ · · · · · · · · · · · · · · · · ·

To the Surgeon General, United States Public Health Service, Washington, D. C.

# TREASURY DEPARTMENT, BUREAU OF THE PUBLIC HEALTH SERVICE,

Washington.

Dear Sir: It is desired to ascertain the reported prevalence of certain diseases during the calendar year 1916.

For this purpose there is inclosed a blank, and it will be appreciated if you will kindly have it filled in with the information for your city and returned in one of the inclosed envelopes.

As the blank calls for a statement of the deaths registered, as well as of the cases notified, space has been provided that both the registrar and the health officer may sign the report. In those cities where the health officer is also registrar he should sign in each capacity.

You will find also inclosed a separate blank prepared for data regarding the number of cases of leprosy in your city. It is desired that special care be taken in the filling out of this blank so that a complete census of the lepers in the country may be obtained.

Very truly yours,

RUPERT BLUE, Surgeon General.

# REPORTED PREVALENCE FOR THE YEAR 1916. DIPHTHERIA.<sup>1</sup>

City.	Estimated popula- tion July 1, 1916.	Cases report- ed.	Deaths regis- tered.	Cases report- ed per 1,000 inhabit- ants.	Indi- cated fatality rate per 190 cases.
From 50,000 to 100,000 inhabitants:		İ	1		
Atlantic City, N. J.	57,660	41	4	0.711	9.7
Augusta, Ga	50,245	22	1	. 438	4.5
Bayonne, N. J.	69, 895	104		1.488	
Berkeley, Cal Binghamton, N. Y.	57, 653	30 357	3 41	. 520	10.0
Binghamton, N. Y	53, 973 67, 449	161	6	6.614 2.387	11.4
Brockton, Mass	60, 852	117	15	1.923	3. 7. 12. 8
Covington, Ky	57, 144	88	4	1.540	4.5
Duluth, Minn	94, 495	111	8	1.175	7.2
Elizabeth, N. J.	86,690	343	25	3. 957	7.2
El Paso, Tex	63, 705	80	16	1.256	20.00
Erie. Pa	75, 195	116	6	1.543	5.1
Evansville, Ind	76,078	153		2.011	
Flint, Mich	54,772	144	11	2.629	7.6
Fort Wayne, Ind	76, 183	28 124	1	. 368	3.5
Harrisburg, Pa	72,015 77,214	248	11 15	1.722 3.212	8.8° 6.0
Holyoke, Mass	65, 286	85	ii	1.302	12.9
Lancaster, Pa	50,853	79	8	1.553	10. 1
Malden, Mass	51, 155	173	11	3.382	6.3
Manchester, N. H.	78, 283	82	9	1.047	10.9
Mohile Ala	58, 221	21	1	.361	4.7
New Britain, Conn	53, 794	50	8	. 929	16.0
Oklahoma City, Okla	92,943	47	3	. 506	6.3
Passaic, N. J. Pawtucket, R. I.	71,744	137	12	1.910	8.7
Pawtucket, R. I.	59,411	162	16	2.727	9.8
Portland, Me	63,867 55,185	133 57	8	2.082 1.033	6.0 1.7
Rockford, Ill	55, 642	77	6	1.384	7.7
St. Joseph, Mo.	85, 236	100	15	1.173	15.0
San Diego Cal	53, 330	128	8	2.400	6.2
San Diego, Cal Schenectady, N. Y	99, 519	113	8	1.135	7.0
Somerville, Mass	87,039	159	21	1.827	13.2
Tampa, Fla	53,886	92	1	1.707	1.0
Troy, N. Y.	77, 916	72	10	. 924	13.8
Utica, N. Y.	85, 692	86	5	1.004	5.8
Wichita, Kans	70, 722 76, 776	47	8	. 665 1. 797	17. 0 4. 3
Wilkes-Barre, Pa Yonkers, N. Y.	99,838	138 166	14	1.663	8.4
Vork Do	51,656	71	3	1.374	4.2
York, Paom 25,000 to 50,000 inhabitants:	01,000	'-	"	2.0.2	24
Alameda, Cal	27, 732	26	1	. 938	3.8
Aurora, Ill	34, 204	45		1.316	
Austin, Tex	34,814	67	7	1.925	10.4
Battle Creek, Mich	29, 480	27		. 916	•••• <u>•</u> ••
Bay City, Mich.	47, 948	79	6 1	1.648	7.60

<sup>1</sup> Cities in which no cases of this disease were reported are not included in this table.

#### DIPHTHERIA—Continued.

City.	Estimated popula- tion July 1, 1916.	Cases report- ed.	Deaths regis- tered.	Cases report- ed per 1,000 inhabit- ants.	Indi- cated fatality rate per 100 cases.
rom 25,000 to 50,000 inhabitants—Continued. Bellingham, Wash Boise, Idaho					
Bellingham, Wash	32, 985 33, 846	2	1	0.061	50.00
Dunalilina Mass	20 720	1 26	i	. 030	3.8
Brulington, Iowa Cedar Rapids, Iowa Central Falis, R. I. Chelsea, Mass. Clinton, Iowa. Celumbia, S. C. Connell Bluffe, Iowa	25,030	4		.160	1
Central Falls P. T.	37, 308 25, 636	19 66	5 4	1.755	26.33 6.00
Chelsea, Mass.	46, 192 27, 386	58	2	1.256	3.4
Clinton, Iowa	27,386	15	1	.547	6.6
Council Bluffs, Iowa.	34, 611 31, 484	31 14	4	.896	12.9
Council Bluffs, Iowa. Cranston, R. I. Cumberland, Md. Danville, Ill. Davenport, Iowa. Decatur, Ill. Dubuque, Iowa. Bast Orange, N. J. Eigin, Ill. Evanston, Ill. Everett, Mass. Fitchburg Mass.	25, 987	35		1.347	
Cumberland, Md	26,074	57	6	2. 186	10.5
Danville, Ill	32, 261 48, 811	17 33	2	.527	11.7 3.0
Davenport, 10wa	39,631	43	1	1.085	3.0
Dubuque, Iowa	39,873	8		. 201	
East Orange, N. J	42, 458	64	5	1.507	7.8
Elgin, Ill.	28, 203	9	J	.319	
Evansion, III	28, 591 39, 235	38 99	9	1.329 2.523	23.6 1.0
Everett, Mass. Fitchburg, Mass. Green Bay, Wis. Hamilton, Ohio. Hammond, Ind. Haverhill, Mass. Hazleton, Pa Jackson, Mich.	41,781	197	22	4.715	11.1
Green Bay, Wis	29,353	20	2	. 681	10.0
Hamilton, Ohio	40, 496	37	1 2	. 914 1. 414	2. 7 5. 4
Haverhill Mass	26, 171 48, 477	37 169	14	3. 486	8.2
Hazleton, Pa.	28, 491	69	3	2. 422	4.3 9.3
Jackson, Mich	35, 363	75	7	2. 121	9.3
Jackson, Miss.	29,737	67	3	2. 253 . 593	4.4
Kalamazoo, Mich	48, 886 31, 576	29 71	10	2. 249	14.0
Kingston, N. Y.	31,576 26,771	38	4	1.419	10.5
Jackson, Miss Kalamazoo, Mich Kenosha, Wis Kingston, N. Y Knoxville, Tenn La Crosse, Wis Lansing, Mich Lawrictor, Ma	38,676 31,677	35		. 905	l
La Crosse, Wis.	31,677	126	12	3.978	9.5
Lansing, Mich	40, 498 27, 809	79 8	3 1	1.951 .288	3.8 12.5
Lewiston, Me Lexington, Ky Lincoln, Nebr Long Beach, Cal.	41,097	195	3	4. 745	1.5
Lincoln, Nebr	46,515	100	6	2.150	6.0
Long Beach, Cal	27,587 36,964	27 48		. 979 1. 299	
Lorain, Unio	32,940	28	·····2	. 850	7. 1
Madison. Wis	30,699	19		.619	
McKeesport, Pa	47, 521	211	13	4.440	6.1
Medford, Mass	26, 234 27, 451 26, 318	34 26	1	1.296 .947	2.9 3.8
Montelair N I	26,318	35	3	1.330	8.5
Mount Vernon, N. Y.	37,009	36	ĭ	.973	2.7
Muncie, Ind	25, 424	21	1	. 826	4.7
Muskegon, Mich	26,100	6 39	2	. 230	5. 1
New Castle, Pa	41, 133 31, 927	33	2	1.034	6.0
Newport, R. I.	30, 108	106	6	3, 521	5.6
New Rochelle, N. Y	37, 759	53	3	1.404	5.6
Newton, Mass	43,715	46	1	1.052 2.865	2.1 9.3
Niagara Fails, N. I	37, 353 31, 401	107 88	10 11	2.802	12.5
Oak Park. Ill.	26,654	23	1	. 863	12.5 4.3
Ogden, Utah	31,404	47	2	1. 497	4.2
Orange, N. J.	33,080	97	4	2. 932 . 250	4.1
Lincon, Nebr. Long Beach, Cal. Lorain, Ohio Lynchburg, Va. Madison, Wis McKeesport, Pa. Medford, Mass. Moline, Ill. Montclair, N. J. Mount Vernon, N. Y. Muncie, Ind. Muskegon, Mich. New Castle. Pa. Newport, K. Y. Newport, R. I. New Rochelle, N. Y. Newton, Mass. Niagara Falls, N. Y. Norristown, Pa. Oak Park, Ill. Ogden, Utah. Orange, N. J. Oshkosh, Wis. Perth Amboy, N. J. Pittsfield, Mass. Quincy, Ill. Quincy, Mass. Roanoke, Va. Rock Island, Ill. Salem, Mass. Ronoke, Cal.	36,065 41,185	9 136	5	3, 302	3.6
Pittsfield. Mass.	38,629	53	8	1.372	15.0
Quincy, Ill	38,629 36,798	45		1. 223	13.3
Quincy, Mass	38, 136	60	6 1 7	1.573 2.472	1.6 6.5
Roanoke, va	43, 284 28, 926	1 107 37	7	1. 279	8.1
Salem, Mass	48,562	47	3 2	.968	4.2
San Jose, Cal	38,902	168	4	1.748	5.8
Rock Island, III Salem, Mass San Jose, Cal Steubenville, Ohio Superior, Wis Taunton, Mass	27, 445	51	4 3	1. 858 1. 514	7.8 4.2
Superior Wis	46, 226 36, 283	70 31	6	. 854	19.3

<sup>1</sup> The health officer states that cases are known not to be completely reported.

#### DIPHTHERIA—Continued.

City.	Estimated popula- tion July 1, 1916.	Cases report- ed.	Deaths regis- tered.	Cases report- ed per 1,000 inhabit- ants.	Indicated fatality rate per 100 cases.
From 25,000 to 50,000 inhabitants—Continued.					
Tulsa, Okla. Tulsa, Okla. Waltham, Mass. Waterloo, Iowa. Watertown, N. Y. West Hoboken, N. J. Wheeling, W. Va. Winston-Salem, N. C. From 10,000 to 25,000 inhabitants: Aberdeen, Wash. Atrian Mich.	30, 575 30, 570	22 49	4 6	0.720 1.603	18. 18 12. 24
Waterloo, Iowa	35, 559 29, 894	23 31	1 1	. 647 1. 037	4.35
Watertown, N. Y	29, 894 43, 139	31 52	1 3	1.037 1.205	3. 23 5. 77
Wheeling, W. Va	43,377	54	6	1. 245	111.11
Winston-Salem, N. C	31, 155	128	5	4. 108	3.91
Aberdeen, Wash	20,334	2		.098	
Abcrdeen, Wash Adrian, Mich Advan, Mich Albuquerque, N. Mex Alexandria, Va Alliance, Ohio Alton, III Ann Arbor, Mich Appleton, Wis Argenta, Ark Asbury Park, N. J Asheville, N. C Bakersfield, Cal Batavia, N. Y Baton Rouge, La Bellaire, Ohio	11,458 14,025	5		. 436 2. 781	
Alexandria, Va.	17,846 18,960	39 6	7	. 336	17.95
Alliance, Ohio.	18,960	20	7	1.055	
Ann Arbor, Mich	22,874 15,010	44 33	2	1. 924 2. 199	15.91 6.06
Appleton, Wis	17,834 14,907 14,007	10		. 561	
Argenta, Ark	14,907	12 15	4	. 805 1. 071	83. 33 6. 67
Asheville, N. C.	20,823	23	i	1. 105	4.35
Bakersfield, Cal	16,874	8 9		. 474	
Batavia, N. I	13,350 17,176 14,348	30	1	. 674 1. 747	3, 33
Bellaire, Ohio	14,348	24 19	3	1.673	12.50
Beloit, Wis	18,072 13,599	19 15	4	1.051 1.103	26.67
Beverly, Mass	21,645	33		1.525	20.01
Billings, Mont	14, 422 18, 466	2		. 139	
Bluefield, W. Va.	15, 442	45 36	4	2. 437 2. 331	11. 11
Bradford, Pa	15,442 1 14,544	4	i	. 275	25.00
Brownsville, Tex	13, 163 10, 872 21, 617	3 7	•••••	. 228 . 644	•••••
Burlington, Vt.	21,617	73	3	3.377	4.11
Bakersheld, Cal Batavia, N. Y Baton Rouge, La Bellaire, Offio Beloit, Wis. Berlin, N. H. Beverly, Mass. Billings, Mont. Bloomfield, N. J. Bluefield, W. Va Bradford, Pa Brownsville, Tex Brunswick, Ga Burlington, Vt Cairo, Ill Carbondale, Pa Champaign, Ill Chiekasha, Okla. Chillocothe, Ohio Clinton, Mass. Coffeyville, Kans. Concord, N. H. Connellsville, Pa Corning, N. Y Cumberland, R. I Danville, Va Dover, N. H DuBois, Pa East Liverpool, Ohio Eau Claire, Wis Elwood, Ind Elyria, Ohio. Escanaba, Mich Eureka, Cal Farrell, Pa Fond du Lac, Wis, Fulton, N. Y Gardner, Mass. Grand Island, Nebr	15,794 19,242	9		. 570	
Champaign, Ill	19,242	38 23	5	1.975 1.585	13. 16
Chickasha, Okla	14,508 15,447	6		. 388	
Clinton Mass	15,470   1 13,075	15 5	····i	.970	20.00
Coffeyville, Kans.	17,548	21	3	1. 197	14, 29
Concord, N. H.	22,669 15,455	50	4	2. 206	8.00
Corning, N. Y	15, 455 15, 406	15 6	1	.971	6. 67 16. 67
Cumberland, R. I	10,848	16	i	1.475	
Danville, Va	20,021	30 19	1	1. 498 1. 432	3. 33
DuBois, Pa	13, 272 14, 665	47		3. 205	•••••
East Liverpool, Ohio	22,586	17	1	. 753	5.88
Elwood, Ind	18,807 111.028	20 11		1.063	••••••
Elyria, Ohio	1 11,028 18,618	35		1.880	••••••
Escanada, Mica	15, 485 14, 694	3 1	••••••	. 194	•••••
Farrell, Pa	1 10, 190	10	2	. 981	20.00
Ford du Lac, Wis	21,113 11,908	23	·····i	. 189 1. 931	4. 35
Gardner, Mass	17, 140	96	6	5. 601	6. 25
Grand Island, Nebr	12,826	3	1 7	. 234	6. 25 33. 33 22. 58
Creenville C C	15, 142	31 13	7	2.047 .715	22.58
Greenwich, Conn	15, 142 18, 181 19, 159 16, 945	13		. 679	•••••
Greenwich, Conn Hackensack, N. J. Harrison, N. J. Hattiesburg, Miss. Helena, Mont.	16,945 16,950	15 13	·····i	. 885 . 767	7.69
Hattiesburg, Miss.	16.482	17		1.031	•••••
	13, 612 22, 466	30		. 294 1. 335	
TTO HE COUNTY TO A	14,685	30 5 2	2 3	.340	6. 67 60. 00
Hornell, N. Y					
Hornell, N. Y. Huntington, Ind	10,880			. 184	•••••
Homestean, Fa. Hornell, N. Y. Huntington, Ind. Ironwood, Mich. Ithaca, N. Y. Jackson, Tenn.		1 22 5	1 2	1.489 315	4. 55 40. 00

Population Apr. 15, 1910.
 The health officer states that cases are known not to be completely reported.

#### DIPHTHERIA-Continued.

City.	Estimated popula- tion July 1, 1916.	Cases report- ed.	Deaths regis- tered.	Cases report- ed per 1,000 inhabit- ants.	Indicated fatality rate per 100 cases.
From 10,000 to 25,000 inhabitants—Continued. Johnstown, N. Y Kankakee, Ill. Kearny, N. J Kokomo, Ind. La Fayete, Ind. La Salte, Ill. Leavenworth, Kans Lincoln, Ill. Little Falls, N. Y Lockport, N. Y Lockport, N. Y Logasport, Ind. Long Branch, N. J Manistee, Mich. Manitowoc, Wis	10 649			0.057	
Johnstown, N. Y	10,648 14,230	89	4	0. 657 6. 254 1. 614	4.49
Kearny, N. J.	23, 539	38 74	2	1.614	5.26
Kokomo, Ind	20, 930 21, 286 12, 221 119, 363	5	6	3, 536	8.11 20.00
La Salle, Ill.	12, 221	30	5	2.455	16.67
Leavenworth, Kans	11,838	70 60	3	3. 615 5. 068	2.86 5.00
Little Falls, N. Y	13, 451	15	1	1.115	6.67
Lockport, N. Y.	19,879 21,046	6	1 2	.302	16. 67
Logansport, Ind	21, 046 15, 395	6 33	2	. 285 2. 144	33.33 6.06
Manistee, Mich	1 12,381	6		. 485	
Manistee, manistee, Manistee, Manistee, Minn. Mansato, Minn. Mansaled, Ohio. Marinette, Wis. Moving Type 1	13, 805 1 10, 365 22, 734 1 14, 610	22	·····	1.594 .290	
Mankato, Minn	22,734	10		.440	
Marinette, Wis	1 14, 610	1 2	1	. 137	50.00
Marion, Ind	19, 834 13, 712 15, 310	46 25	1	2.319 1.823	2.17
Marion, Ind. Marshall, Tex. Massillon, Ohio. Mattoon, Ill. Middletown, N. Y. Middletown, Ohio. Milford, Mass. Monessen, Pa. Morristown, N. J. Nanticoke, Pa. New Albany Ind.	15,712	51	5	3, 331	9.80
Mattoon, Ill	12,582	11	4	.874	36.36
Middletown, N. Y.	15, 810 15, 625	102	5	6. 452 2. 880	4.90 2.22
Mildaletown, Unio	14, 110	45 8	i	. 567	12.50
Monessen, Pa.	14,110 21,630	94	5	4.346	12.50 5.32
Morristown, N. J	13, 284 23, 126	35 34	3	2.635 1.470	8.57 5.88
Nam Albany Ind	23, 629	13	1	.550	7, 69
Newport News, Va	20,562	8	1 3	.389	12.50 37.50
North Adams, Mass	1 22, 019 19, 926	8	3	.363	37. 50 7. 14
North Tonewards N V	13,768	43	1 2	3. 123	4.65
Nanticoke, Pa New Albany, Ind Newport News, Va North Adams, Mass North Adams, Mass North Tonawanda, N. Y North Yakima, Wash Norwood, Ohio Olean, N. Y Ossining, N. Y Ossining, N. Y Paducah, Ky Peabody, Mass Peekskill, N. Y Phillipsburg, N. J Piqua, Ohio Pittston, Pa	20,951	10	1	. 477	10.00
Norwood, Ohio	22, 286 16, 624	25 25	······ <u>2</u>	1. 122 1. 504	8. 00
Ossining N Y	13,705	18		1.313	0.00
Oswego, N. Y	24, 101	21	4	.871	19. 05
Paducah, Ky	24,842 18,360	40 18	<u>2</u>	1.610 .980	11.11
Peekskill N. Y	18,530	36	1	1.943	
Phillipsburg, N. J	15,605	54	3	3.460	5. 56
Piqua, Ohio	14, 152	13	2	.919 1.237	15.38
Plainfield N. J.	18,599 23,805 12,837	23 16		. 672	
Plattsburgh, N. Y	12,837	8		. 623	
Piqua, Ohio Pitiston, Pa Plainfield, N. J. Plattsburgh, N. Y. Plymouth, Pa Pontiac, Mich Portsmouth, N. H Redlands, Cal Reno, Nev Riverside, Cal Rome, N. Y Rutland, Vt Salem, Oreg San Bernardino, Cal Sandusky, Ohio Santa Barbara, Cal Santa Cruz, Cal.	19, 100 17, 542	23 30	2	1.204 1.710	8.70
Portsmouth, N. H.	11,666	9	1	.771	11.11
Redlands, Cal	14,000 14,869 19,763	1		.071	
Reno, Nev	14,869	111		.557	
Rome, N. Y	23, 737	21	·····i	.885	4.76
Rutland, Vt.	14,831 20,278	10		. 674 0. 395	
Salem, Oreg	20, 278 16, 945	8		.531	
Sandusky, Ohio	20, 193	12		. 594	
Santa Barbara, Cal	14,846	4 2	1	.269	25.00
Santa Cruz, Cal	14, 594 13, 821	64	·····2	4.631	3.13
Santa Barbara, Cal Santa Cruz, Cal. Saratoga Springs, N. Y Sault St. Marie, Mich Selma, Ala	13,919	27	4	1.940	14.81
Selma, Ala	15,626	11 42	1 4	2.957	9.09 9.52
Spartanhurg S. C.	14, 205 21, 365	24	1	1.123	4.17
Steelton, Pa.	15, 458 110, 198	21	3	1.358	14.29
Selma, Ala Southbridge, Mass. Spartanburg, S. C. Steelton, Pa. Stillwater, Minn. Trinidad, Colo.	110,198	9	i	.883	25.00
Triintown Pa	13,875 20,780	24	1	1.155	20.00
Trinidad, Colo. Uniontown, Pa. Virginia, Minn Warren, Ohio. Warren, Pa Washington, Pa Watertown, Mass.	15.193	5		329	:
Warren, Ohio.	13, 059 14, 737	9	3	. 689 1. 018	33.33 6.67
warren, Pa	14,737 21,618	15 40	$\begin{array}{c c} 1\\2\\1\end{array}$	1.850	5.00
Washington Pa				3.632	1.85

#### DIPHTHERIA—Continued.

City.	Estimated popula- tion July 1, 1916.	Cases report- ed.	Deaths regis- tered.	Cases report- ed per 1,000 inhabit- ants.	Indi- cated fatalit rate per 100 cases.
From 10,000 to 25,000 inhabitants—Continued. Waukegan, III. Wausau, Wis. Webster, Mass. West Chester, Pa Westfield, Mass. Wast New York, N. J West Orange, N. J White Plains, N. Y Winona, Minn. Winthrop, Mass Woburn, Mass	20, 244 19, 239 13, 210 13, 176 18, 391 18, 773 13, 550 18, 583 12, 692 15, 969	13 10 44 7 18 72 48 45 19 11	1 5 2 2 2 2	0. 642 . 520 3. 331 . 531 . 979 3. 825 3. 542 2. 003 1. 022 . 867 2. 943	14. 2 27. 7 4. 1 4. 4 10. 5
GONORRHE	<b>7.3</b>		•		•
From 50,000 to 100,000 inhabitants:  Berkeley, Cal. Canton, Ohio. New Britain, Conn St. Joseph, Mo. Yonkers, N. Y  From 25,000 to 50,000 inhabitants: Bay City, Mich. Burlington, Iowa. Cedar Rapids, Iowa Clinton, Iowa. Council Bluffs, Iowa. Davenport, Iowa. Davenport, Iowa. Davenport, Iowa. Hammond, Ind. Jackson, Miss. Kalamazoo, Mich. Lexington, Ky Lorain, Ohio. Montclair, N. J. Newport, Ky. San Jose, Cal. Waterloo, Iowa. From 10,000 to 25,000 inhabitants: Bellaire, Ohio. Bloomfield, N. J. Cairo, Ill. Chillicothe, Ohio East Liverpool, Ohio East Liverpool, Ohio Eureka, Cal. Kokomo, Ind. Logansport, Ind. Long Branch, N. J. Massillon, Ohio. Middletown, Ohio Norwood, Ohio Piqua, Ohio. Sandusky, Ohio. Warren, Ohio.	57, 653 60, 852 53, 794 85, 236 99, 338 47, 942 25, 030 37, 308 27, 380 27, 380 37, 398 48, 811 39, 873 28, 171 29, 737 44, 097 36, 961 20, 318 31, 927 33, 902 35, 559  14, 348 18, 466 15, 470 22, 598 14, 348 18, 468 20, 939 21, 564 20, 939 21, 564 20, 939 21, 565 15, 810 22, 288 14, 152 20, 193 13, 059	*57 *16 *24 *12 *10 *78 *7 *7 *23 *1 *139 *38 *7 *7 *52 *33 *1 *1 *30 *1 *56 *5 *1 *1 *56 *56 *56 *56 *56 *56 *56 *56 *56 *56		6. 989 .016 .112 .282 .120 .209 .3. 116 .188 .840 .25. 288 .267 .25. 288 .049 .352 .418 .940 .026 .1. 575 .349 .054 .2. 976 .2. 191 .095 .2. 1	
. MALARIA.3					
rom 50,000 to 100,000 inhabitants:  Berkeley, Cal.  Elizabeth; N. J.  Erie, Pa.  Hoboken, N. J.  Mobile, Ala.  New Britain, Conn  Passaie, N. J.	57, 653 .86, 690 .75, 195 .77, 214 .58, 221 .53, 794 .71, 744	15 1 1 4 222 2	15	0. 989 . 012 . 013 . 052 . 378 . 037 . 125	68. 20

Population Apr. 15, 1910.
 Cities in which no cases of this disease were reported are not included in this table.
 The health officer states that cases are known not to be completely reported.

#### MALARIA—Continued.

City.	Estimated popula- tion July 1, 1916.	Cases report- ed.	Deaths regis- tered.	Cases report- ed per 1,000 inhabit- ants.	fatalit rate
From 50,000 to 100,000 inhabitants—Continued.					
Tampa, Fla	53,886	27	2	0.501	7.4
Wichita, Kans	70, 722	3	1 -	.042	1.4
Yonkers, N. Y.		9	l	.090	
From 95 000 to 50 000 inhabitants:	,	1	1		
Chelses, Mass East Orange, N. J	46, 192	- 2	1 1	. 043	50.0
East Orange, N. J.	42,458	3	l <del>.</del> .	.071	
Everett, Wash	35,486	li		.028	
Haverhall, Mass	48,477	1	l	. 021	
Jackson, Miss.	29,737	2,137	13	71.863	
Long Beach, Cal	27,587	3		.109	
Montelair, N. J	26,318	7		. 266	
Newton, Mass	43, 715	1 10			
Orange, N. J.	33,080	5			
Perth Amboy, N. J	41, 185	3	l	.073	
Taunton, Mass	36, 283	1	1	.028	100.
Waltham Mass	30, 570	4		. 131	
Winston-Salem, N. C.	31, 155	5	2	.160	40.
From 10,000 to 25,000 inhabitants:			l	l	
Achavilla N C	20, 823	122	l		l
Bakersfield, Cal	16,874	7			<b></b>
Bloomfield, N. J.	18,466	1			
Coffeyville, Kans East Liverpool, Ohio	17,548	2			
East Liverpool, Ohio	22, 586	1			
Greenville, S. C	18, 181	. 1		.055	
Greenwich, Conn	19.159	12			
Hackensack, N. J	16, 945	2		.118	
Hattiesburg, Miss	16, 482	2,049			
Vector N I	23.539	1			
Newport News, Va	20.562	1			
Pleinfield N I	23, 805	13			
San Bernardino, Cal	16, 945	1		.059	
Santa Barbara, Cal	14, 846	1		.067	20.
Selma, Ala	15, 626	53	11	3.392	20.
Watertown, Mass	14, 867	1		.067	
West Chester, Pa	13, 176	2		. 152	

#### MEASLES.2

To recent a 100 000 inhabitants					
From 50,000 to 100,000 inhabitants:	57, 660	208		3.607	ì
Atlantic City, N. J.  Bayonne, N. J.	69, 895	281		4.020	
Bayonne, N. J	57, 653	12		.260	
Berkeley, Cal		751	····ii		1.46
Binghamton, N. Y	53, 973				1.40
Brockton, Mass	67, 449	2, 235	24	33.136	
Canton, Ohio	60, 852	130	5	2.136	3.85
Covington, Ky	57, 144	310	3	5.425	.97
Duluth, Minn	94, 495	1,307	.7	13.831	
Elizabeth, N. J.	86,690	357	10	4.118	
El Paso, Tex	63, 705	239	8	3.752	
Erie, Pa	75, 195	2,317	20	30.813	.86
Evansville Ind	76, 078	37		. 486	
Flint Mich	54,772	774	7	4.131	.90
Fort Warns Ind	76, 183	1.881	1	24.691	.05
Harrisburg, Pa	72,015	2,530	21	35.132	.83
Hoboken, N. J	77, 214	510	3	6.605	.57
Holyoke, Mass	65, 286	400		6.127	
Lancaster, Pa	50, 853	1.663	3	32,702	.18
Malden, Mass.	51, 155	231	Ĭ	4.516	1
Manchester, N. H.	78, 283	1, 101	19	14.064	1.73
Mobile, Ala	58, 221	1.5		.086	1
New Britain, Conn	53, 794	1.270	4	23.609	.31
New Britain, Com	92, 943	232	3	2.496	
Oklahoma City, Okla	71,744	574	9	8.001	1.57
Passaic, N. J					3.70
Pawtucket, R. I	59, 411	1 108	4	1.818	
Portland, Me	63, 867	306	2	4.791	. 65
Rockford, Ill	55, 185	863	• • • • • • <u>•</u> •	15.638	
Saginaw, Mich	55, 642	1,017	2	18.278	
St. Joseph, Mo	85, 236	385	7	4.517	1.82

<sup>&</sup>lt;sup>1</sup> The health officer states that cases are known not to be completely reported. <sup>2</sup> Cities in which no cases of this disease were reported are not included in this table.

#### MEASLES-Continued.

City.	Estimated popula- tion July 1, 1916.	Cases report- ed.	Deaths regis- tered.	Cases report- ed per 1,000 inhabit ants.	Indicated fatality rate per 100 cases.
From 50,000 to 100,000 inhabitants—Conntinued. San Diego, Cal Schenectady, N. Y. Somerville, Mass Tampa, Fla Troy, N. Y. Utico, N. Y.	53, 330 99, 519 87, 039 53, 886	817 259 119 22	1 2 2	15.320 2.693 1.367 .408	.12 .77 1.68
Wichita, Kans. Wilkes-Barre, Pa. Yonkers, N. Y	77, 916 85, 692 70, 722 76, 776 99, 838 51, 656	283 1,640 108 200 785 1,345	1 11 5 11	3.632 19.138 1.527 2.605 7.863 25.999	. 35 . 67 . 50 . 64 . 82
York, Pa From 25,000 to 50,000 inhabitants: Alameda, Cal. Battle Creek, Mich. Bay City, Mich. Bellimpham, Wash.	27, 732 29, 480 47, 948	20 582 355 94	2 15	. 721 19. 742 7. 405 2. 850	.34 4.23
Bellingham, Wash Boise, Idaho Brookline, Mass Central Falls, R. I Chelsea, Mass Columbia, S. C Cquareil Bluffs, Iowa Cranston, R. I Cumberland, Md	32, 985 33, 846 32, 730 25, 636 46, 192 34, 611 31, 484	10 1 121 45 250 1 180 1 46	2 1	.295 3.697 1.755 5.412 5.201 1.461	.80
Cranston, R. I. Cumberland, Md Danville, Ill Davenport, Iowa Decatur, Ill	25, 987 26, 074 32, 261 48, 811 39, 631	20 1,125 2,211 2 956	1 4 5	.770 43.146 68.535 .041 24.123	.09
Cumberland, Md Danville, Ill Davenport, Iowa Decatur, Ill Dubuque, Iowa. East Orange, N. J Elgin, Ill Evanston, Ill Everett, Mass Everett, Wash. Fitchburg Mass	39, 873 42, 458 28, 203 28, 591 39, 235 35, 486	159 654 90 55 58 175	3 1	3.988 15.403 3.191 1.924 1.478 4.932	.46 1.82
Everett, Wash. Fitchburg, Mass. Green Bay, Wis. Hamilton, Ohio. Hammond, Ind. Haverhill, Mass. Hazleton, Pa Jackson, Mish. Jackson, Mish. Sakson, Mish. Kalamazoo, Mich. Kenosha, Wis. Kingston, N. Y. Knoxville, Tenn. La Crosse, Wis Lansing, Mich. Lewiston, Me. Lexington, Me. Lexington, Ky Lincoln, Nebr. Long Beach, Cal. Lorain, Ohio. Lynchburg, Va Madison, Wis. McKeesport, Pa. Madison, Wis. McKeesport, Pa. Madison, Wis. McKeesport, Pa.	41,781 29,353 40,496 26,171 48,477	578 40 583 296 123 71	3 2	13. 834 1. 363 14. 396 11. 310 2. 537 2. 492	.51 .68
Jackson, Mich Jackson, Miss. Kalamazoo, Mich. Kenosha, Wis. Kingston, N. Y.	28, 491 35, 363 29, 737 48, 886 31, 576 26, 771	1,003 58 160 853 15	4	28. 363 1. 950 3. 273 27. 014 . 560	.47
Knoxville, Tenn La Crosse, Wis Lansing, Mich Lewiston, Me Lexington, Ky Lington, Nebr	38,676 31,677 40,498 27,809 41,097	625 82 100 3 186 101	1 1 3	16.160 2.589 2.469 .108 4.526 2.279	1.22 1.00
Long Beach, Cal. Lorain, Ohio Lynehburg, Va. Madison, Wis. McKeesport, Pa.	46, 515 27, 587 36, 964 32, 940 30, 699 47, 521	307 1,539 177 1,467	4 2 4	.290 8.305 46.721 5.766 30.871	.26 1.13 .27
Madison, Wis.  McKeesport, Pa.  Medford, Mass. Moline, Ill. Montclair, N. J. Mount Vernon, N. Y. Muncie, Ind. Muskegon, Mich. New Castle, Pa. Newport, R. I. New Rochelle, N. Y. Newton, Mass. Niagara Falls, N. Y. Norristown, Pa. Oak Park, Ill. Ogden, Utah.	26, 234 27, 451 26, 318 37, 009 25, 424 26, 100	89 10 399 239 1733 84	1	3. 393 .364 15. 161 6. 458 28. 831 3. 218	.42
New Castle, Pa. Newport, R. I. New Rochelle, N. Y. Newton, Mass. Niagara Falls, N. Y. Norristown, Pa.	41, 133 30, 108 37, 759 43, 715 37, 353 31, 401	525 1207 105 1433 1,506	3 1 1 22 1	12.763 6.875 2.781 9.905 40.318	.57 .48 23 1.46 .16
Oak Park, ill. Ogden, Utah. Orange, N. J. Oshkosh, Wis. Perth Amboy, N. J. Pittsfield, Mass.	26, 654 31, 404 33, 080 36, 065 41, 185 38, 629	100 575 785 182 21	5 13 1	19.522 3.752 18.310 23.730 5.046 .510 .414	.87 1.66 .55 4.76

<sup>&</sup>lt;sup>1</sup> The health officer states that cases are known not to be completely reported.

### MEASLES-Continued.

Case	Indi-   cated fatality   rate     per 100     cases.     .2     .8     .1     .8     .6     .8     .0
AGFBH, MRCH	2.1: 2.5 1.8 1.4 1.8
AGFBH, MRCH	2.1: 2.5 1.8 1.4 1.8
AGFBH, MRCH	2.1: 2.5 1.8 1.4 1.8
Adren, Mich	2.1: 2.5 1.8 1.4 1.8
Adren, Mich	1.4 1.8 .8
Adren, Mich	1.4 1.8 .8
Adren, Mion	1.4 1.8 .8
Adren, Mion	1.4 1.8 .8
Adren, Men	1.4 1.8 .8
Adren, Men	.8
Adren, Men	.6
Adren, Men	.6
Adren, Men	.8
Adren, Men	<b></b>
Adren, Men	.0.
Adren, Men	.0
Albuquierque, N. Mex  Albuquierque, N. Mex  11, 846 3 165 Alliance, Ohio. 118, 960 155 2 8, 175 Alton, Ill. 222, 874 233 6 12, 373 Ann Arbor, Mich 15, 1010 11 7, 834 20 1, 121 Asbury Park, N. J. 14, 007 35 2, 499 Bakersfield, Cal 16, 874 283 16, 771 Batavia, N. Y. 133, 350 9 1 6, 671 Batavia, N. Y. 133, 350 9 1 6, 671 Bellaire, Ohio. 14, 348 184 14, 12, 824 Beloit, Wis. 18, 072 62 3, 431 Berlim, N. H. 13, 599 187 18, 072 18, 072 18, 073 Beverly, Mass. 21, 645 24, 355 35 36, 661 Billings, Mont. 14, 422 241 16, 711 Bloomfield, N. J. 18, 466 162 8, 773 Bluefield, W. Vs. 15, 442 46 2 2, 979 Bradford, Pa. 214, 544 80 5, 501 Brunswick, Ga. 10, 872 110 920 Burlington, Vt. 21, 617 228 249 241 241 241 241 241 241 241 241 241 241	
Alexandria, Va. 1, 340 Alliance, Ohio. 18, 960 155 2 8, 175 Alton, III. 22, 874 283 6 12, 377 Ann Arbor, Mich 15, 010 111 7, 33 Appleton, Wis. 17, 834 20 1, 1, 121 Asbury Park, N. J 14, 007 35 2, 499 Bakersfield, Cal 16, 874 283 16, 771 Batavia, N. Y 13, 350 9 1 6,74 Bellaire, Ohio 14, 348 184 4 12, 824 Beloit, Wis 18, 072 62 3, 431 Bertim, N. H 13, 599 187 2 6, 339 Beverly, Mass 21, 645 35 6, 617 Billings, Mont 14, 242 241 1 16, 711 Bloomfield, N. J 18, 466 162 8, 773 Bluefield, W. Va 15, 442 46 2 2, 979 Bradford, Pa 15, 442 46 2 2, 979 Brulington, Vt 21, 617 422 8 19, 522 Cairo, Ill 22, 241 100 9, 874	
Alton, Ill. 22, 874 283 6 12, 377 Ann Arbor, Mich 15, 010 11 7.33 Appleton, Wis. 17, 834 20 1, 121 Asbury Park, N. J 14, 007 35 2, 499 Bakersfield, Cal. 16, 874 283 16, 771 Batavia, N. Y 13, 350 9 1 6, 74 Bellaire, Ohio 144, 348 184 4 12, 824 Beloit, Wis 18, 072 62 3, 431 Bertin, N. H 13, 599 187 2 6, 398 Beverly, Mass. 22, 645 35 6, 617 Billings, Mont 14, 22 241 1 16, 711 Billomfield, N. J 18, 466 162 8, 773 Bluefield, W. Va 15, 442 46 2 2, 979 Bradford, Pa 15, 444 80 5, 501 Brownsville, Tex 13, 163 158 1 4, 406 Brunswick, Ga 10, 872 110 920 Burlington, Vt 221, 617 422 8 19, 522 Cairo, Ill 15, 794 45 2, 849 Carbondale, Pa 19, 242 190 9, 874	1. 2
Ann Arbor, Mich 15,010 11 733 Appleton, Wis 17,834 20 1.121 Asbury Park, N. J 14,007 35 2.249 Bakersfield, Cal 16,874 283 16.771 Batavia, N. Y 13,350 9 1 674 Bellaire, Ohio 14,348 184 4 12.824 Beloit, Wis 18,072 62 3.431 Berlim, N. H 13,599 187 2 6.398 Beverly, Mass 21,645 35 6.617 Billings, Mont 14,422 241 1 16.711 Bloomfield, N. J 18,466 162 8.773 Bluefield, W. Va 15,442 46 2 2.979 Bradford, Pa 214,544 80 5.501 Brownsville, Tex 13,163 158 1 4.406 Brunswick, Ga 10,872 110 920 Burlington, Vt 22,617 422 8 19.522 Cairo, Ill 55,794 45 2.849 Carbondale, Pa 19,242 190 9.874	2.1
Appleton, Wis. 17, 834 20 1. 121 Asbury Park, N. J 14,007 35 2. 499 Bakersfield, Cal 16, 874 283 16, 771 Batavia, N. Y 13, 350 9 1 6, 74 Bellaire, Ohio 14, 348 184 4 12, 824 Beloit, Wis 18,072 62 3. 431 Berlim, N. H 13, 599 187 2 6. 389 Beverly, Mass 21, 645 35 6. 681 Bellings, Mont 14, 422 241 1 16, 711 Bloomfield, N. J 18, 466 162 8. 773 Bluefield, W. Va 15, 446 162 8. 773 Bluefield, W. Va 15, 446 162 2. 979 Bradford, Pa 214, 544 80 5. 501 Brownsville, Tex 13, 163 158 1 4. 406 Brunswick, Ga 10, 872 110 920 Burlington, Vt 221, 617 422 8 19, 522 Cairo, Ill 15, 794 45 2. 849 Carbondale, Pa 19, 242 190 9, 874	
Asbury Park, N. J. 14,007 35 2, 499 Bakersfield, Cal 16,874 283 16,771 Batavia, N. Y. 13,350 9 1 674 Bellaire, Ohio 114,348 184 4 12, 824 Beloit, Wis 18,072 62 3, 431 Berlin, N. H 13,599 187 2 6, 399 Beverly, Mass 21,645 35 6, 617 Billings, Mont 14,422 241 1 16,711 Bloomfield, N. J 18,466 162 8,773 Bluefield, W. Va 15,442 46 2 2,979 Bradford, Pa 214,544 80 5,501 Brownsville, Tex 13,163 158 1 4,406 Brunswick, Ga 10,872 10 920 Burlington, Vt 21,617 422 8 19,522 Cairo, Ill 15,794 45 2,849 Carbondale, Pa 19,242 190 9,874	
Batersnead, 31	
Bellaire, Ohio. 14, 348 184 4 12, 824 Beloit, Wis. 18, 072 62 3, 431 Berlin, N. H. 13, 599 187 2 6, 339 Beverly, Mass. 21, 645 35 6, 617 Billings, Mont 14, 422 241 1 18, 711 Bloomfield, N. J. 18, 466 162 8, 773 Bluefield, W. Va 15, 442 46 2 2, 979 Bradford, Pa 214, 544 80 5, 5, 501 Brownsyille, Tex 13, 163 158 1 4, 406 Brunswick, Ga 10, 872 110 920 Burlington, Vt 21, 617 422 8 19, 522 Cairo, Ill. 15, 794 45 2, 849 Carbondale, Pa 19, 242 190 9, 874	ii. i
Beloit, Wis	2.1
Berlin, N. H.	
Beverry   Mass   14,422   241   1   16,711	2. 30
Bloomfield, N. J. 18, 466 162 8. 773 Bluefield, W. Va 15, 442 46 2 2. 979 Bradford, Pa 214, 544 80 5. 5. 501 Brownsville, Tex 13, 163 158 1 4. 406 Brunswick, Ga 10, 872 110 920 Burlington, Vt 21, 617 422 8 19. 522 Cairo, Ill. 15, 794 45 2. 849 Carbondale, Pa 19, 242 190 9. 874	.4
Bluefield, W. Va. 115, 442 46 2 2, 979 Bradford, Pa. 214, 544 80 5. 501 Brownsyille, Tex 13, 163 158 1 4, 406 Brunswick, Ga. 10, 872 110 920 Burlington, Vt. 22, 1617 422 8 19. 522 Cairo, Ill. 15, 794 45 2, 849 Carbondale, Pa. 19, 242 190 9, 874	l
Bradford, Pa	4. 3
Brunswick, Ga 10, 872 110 920 Burlington, Vt 21, 617 422 8 19. 522 Cairo, Ill. 15, 794 45 2. 849 Carbondale, Pa 19, 242 190 9. 874	1.7
Burlington, Vt     21, 617     422     8     19. 522       Cairo, Ill     15, 794     45     2. 849       Carbondale, Pa     19, 242     190     9. 874	l
Cairo, III.     15,794     45     2,849       Carbondale, Pa.     19,242     190     9,874	1.90
Carbondale, Pa	
Champaign, III	
Chillicothe, Ohio       15, 470       234       15, 126         Clinton, Mass       213,075       81       6, 195         Coffeyville, Kans       17, 548       91       1       5, 186	
Clinton, Mass 213,075 81 6.195	i.i
Coffeyville, Kans. 17,548 91 1 5.186 Concord, N. H 22,669 382 16.851	1. 10
Connellsville, Pa	. 61
Corning, N. Y	
Cumberland, R. I. 10, 848 15	2.31
Cumberland, R. I     10,848     15	1.2
Dubois Pa 14,665 236 16.093	
Dunkirk, N. Y. 20, 743   1281   3   13. 547	1.07
East Liverpool, Ohio	12. 33
Eau Claire, Wis 18, 807 1 351 18, 663 Elwood, Ind 211, 028 86 1 7. 798	i. 16
Elwood, Ind. 211,028 86 1 7.798 Elyria, Ohio 18,618 127 6.821	
Escanaba, Mich 15, 485 166 2 10. 720	1.20
Eureka, Cal. 14,684 24 1.634 Farrell Pa 210,190 266 6 26,104	1
Farrell, Pa. 210, 190 266 6 26. 104 Fulton N. V. 11, 908 23 1, 931	
Fulton, N. Y     11,908     23      1,931       Gardner, Mass     17,140     456     1     28,604	
Granite City, Ill. 15, 142 21 1 1. 387	22
Groenville, S. C. 18, 181   1 304   1   16. 721 Greenwich, Conn 19, 159   46   1   2. 401	
Hackensack, N. J	. 22 4. 76 . 33
Harrison, N. J. 10. 501	. 22 4. 76 . 33 2. 17
Hackensack, N. J. 16, 945 774 5 45, 677  Harrison, N. J. 16, 950 1778 10. 501  Hattlesburg, Miss 16, 482 21 1. 274  Helena, Mont 13, 612 20 1 1. 469  Homestead, Pa 22, 466 215 9 9.570	. 22 4. 76 . 33 2. 17
Helena, Mont 13, 612 20 1 1 1. 469 Homestead, Pa 22, 466 215 9 9.570	2. 26 4. 76 . 33 2. 17 . 65

The health officer states that cases are known not to be completely reported.
 Population Apr. 15, 1910.

#### MEASLES-Continued.

Huntington, Ind.	City.	Estimated popula- tion July 1, 1916.	Cases report- ed.	Deaths regis- tered.	Cases report- ed per 1,000 inhabit- ants.	Indi- cated fatality rate per 100 cases.
Ithoracod, Mich	From 10 000 to 25 000 inhabitants—Continued					1.
Ithaca, N. Y.   13, 438   131   231   2   15, 994   11, 120   13	Hornell, N. Y.	14,685		2		1. 16
Little Falls, N. Y.	Huntington, Ind	10,880	1 251	·····;·		. 80
Little Falls, N. Y.	Ithaca N Y	15.848			33, 253	.38
Little Falls, N. Y.	Janesville, Wis	14,339	131		9, 136	
Little Falls, N. Y.	Johnstown, N. Y.	10,648	126	. 1	3. 475	2. 70
Little Falls, N. Y.	Kankakee, III	23,539		2	12. 362	. 69
Little Falls, N. Y.	Kokomo, Ind	20,930	434	1	20. 736	. 23
Little Falls, N. Y.	La Fayette, Ind	21,286				
Little Falls, N. Y.	Leavenworth, Kans	2 19, 363	36		1.859	
Mankato Minn	Lincoln, Ill.	11,838	412		34.803	
Mankato Minn	Little Falls, N. Y.	13,451		1 1		. 26
Mankato Minn	Lockport, N. 1	21.046				. /4
Mankato Minn	Long Branch, N. J.	15,395	1 12		.779	
Mankato Minn	Manistee, Mich	<sup>2</sup> 12,381	349	. 2	28, 188	. 57
Middletown, N. Y         15,810         110         6,958           Middletown, Ohio         15,625         288         3         18,432         1           Milford, Mass.         14,110         15         1.063         Monessen, Pa.         21,630         160         1         7,397           Morristown, N. J         133,284         353         26,573         Muscatine, lowa         17,500         437         11         24,971         2           Nanticoke, Pa.         23,123         7         303         308         11         24,971         2           New Albany, Ind.         22,629         3         127         North Albany, Ind.         22,629         3         127           Newport News, Va.         20,552         216         1         10,505         North Albany, Mass         122,019         217         9,855         1           North Adams, Mass         19,926         182         2         9,134         1         North Albany, Mass         19,926         182         2         9,134         1           North Tonswanda, N. Y.         133,763         457         6         33,193         1           North Tonswanda, N. Y.         133,763         457         6 <td>Manitowoc, Wis</td> <td>13,805</td> <td>180</td> <td>•••••</td> <td></td> <td>•••••</td>	Manitowoc, Wis	13,805	180	•••••		•••••
Middletown, N. Y         15,810         110         6,958           Middletown, Ohio         15,625         288         3         18,432         1           Milford, Mass.         14,110         15         1.063         Monessen, Pa.         21,630         160         1         7,397           Morristown, N. J         133,284         353         26,573         Muscatine, lowa         17,500         437         11         24,971         2           Nanticoke, Pa.         23,123         7         303         308         11         24,971         2           New Albany, Ind.         22,629         3         127         North Albany, Ind.         22,629         3         127           Newport News, Va.         20,552         216         1         10,505         North Albany, Mass         122,019         217         9,855         1           North Adams, Mass         19,926         182         2         9,134         1         North Albany, Mass         19,926         182         2         9,134         1           North Tonswanda, N. Y.         133,763         457         6         33,193         1           North Tonswanda, N. Y.         133,763         457         6 <td>Mansfield, Ohio</td> <td>22,734</td> <td>416</td> <td></td> <td>18, 299</td> <td></td>	Mansfield, Ohio	22,734	416		18, 299	
Middletown, N. Y         15,810         110         6,958           Middletown, Ohio         15,625         288         3         18,432         1           Milford, Mass.         14,110         15         1.063           Moressen, Pa.         21,630         160         1         7,397           Mortstown, N. J         13,284         353         26,573           Muscatine, Iowa         17,500         437         11         24,971         2           Nanticoke, Pa.         23,123         7         303         303         127           Newport News, Va.         22,629         3         127         127           Newport News, Va.         20,502         216         1         10,505           North Adams, Mass         19,226         182         2         9,134         1           North Tonawanda, N. Y.         133,765         453         183         1         1,1466         1,	Marinette, Wis	114,610	192		13. 142	
Middletown, N. Y         15,810         110         6,958           Middletown, Ohio         15,625         288         3         18,432         1           Milford, Mass.         14,110         15         1.063           Moressen, Pa.         21,630         160         1         7,397           Mortstown, N. J         13,284         353         26,573           Muscatine, Iowa         17,500         437         11         24,971         2           Nanticoke, Pa.         23,123         7         303         303         127           Newport News, Va.         22,629         3         127         127           Newport News, Va.         20,502         216         1         10,505           North Adams, Mass         19,226         182         2         9,134         1           North Tonawanda, N. Y.         133,765         453         183         1         1,1466         1,	Marion, Ind	19,834	180		9.075	. 56
Morristown N. J	Mattoon, Ill	12,582	161	4		2.48
Morristown, N. J.   13, 284   353   26, 573   Muscatine, Iowa   17, 500   377   11   24, 971   2.	Middletown, N. Y.	15,810	110		6.958	
Morristown N. J	Middletown, Ohio	15,625	288			. 1.04
Rome, N. Y     23,737     997     38,210       Rutland, Vt.     14,831     4 15,575       Salem, Oreg     20,278     499     24,608       San Bernardino, Cal     16,945     17     1,003       Sandusky, Ohio     20,193     416     20,601       Saratoga Springs, N. Y     13,821     68     4,920       Selma, Ala     15,626     1     064       Southbridge, Mass     14,205     10     1     704       Spartanburg, B. C     21,365     1127     5,944       Stelton, Pa     15,458     584     37,777       Stillwater, Minn     10,193     118     1,765       Trinidad, Colo     13,875     4     288	Monessen. Pa.	21,630	160	i	7. 397	.63
Rome, N. Y     23,737     997     38,210       Rutland, Vt.     14,831     4 15,575       Salem, Oreg     20,278     499     24,608       San Bernardino, Cal.     16,945     17     1,003       Sandusky, Ohio     20,193     416     20,601       Saratoga Springs, N. Y     13,821     68     4,920       Selma, Ala     15,626     1     064       Southbridge, Mass     14,205     10     1     704       Spartanburg, B. C     21,365     1127     5,944       Stelton, Pa     15,458     584     37,777       Stillwater, Minn     10,193     118     1,765       Trinidad, Colo     13,875     4     288	Morristown, N. J	13, 284			26. 573	<u>-</u> <u>-</u>
Rome, N. Y     23, 737     997     38, 210       Rutland, Vt.     14, 831     231     4 15, 575       Salem, Oreg     20, 278     499     24, 608       San Bernardino, Cal.     16, 945     17     1, 003       Sandusky, Ohio     20, 193     416     20, 601       Saratoga Springs, N. Y     13, 821     68     4, 920       Selma, Ala     15, 626     1     064       Southbridge, Mass     14, 205     10     1     .704       Spartanburg, B. C     21, 365     127     5, 944       Stelton, Pa     15, 458     584     37, 777       Stillwater, Minn     10, 198     118     1, 765       Trinidad, Colo     13, 875     4     288	Muscatine, Iowa	17,500	437	11	24.971	2. 52
Rome, N. Y     23, 737     997     38, 210       Rutland, Vt.     14, 831     231     4 15, 575       Salem, Oreg     20, 278     499     24, 608       San Bernardino, Cal.     16, 945     17     1, 003       Sandusky, Ohio     20, 193     416     20, 601       Saratoga Springs, N. Y     13, 821     68     4, 920       Selma, Ala     15, 626     1     064       Southbridge, Mass     14, 205     10     1     .704       Spartanburg, B. C     21, 365     127     5, 944       Stelton, Pa     15, 458     584     37, 777       Stillwater, Minn     10, 198     118     1, 765       Trinidad, Colo     13, 875     4     288	New Albany. Ind	23,629			. 127	
Rome, N. Y     23, 737     997     38, 210       Rutland, Vt.     14, 831     231     4 15, 575       Salem, Oreg     20, 278     499     24, 608       San Bernardino, Cal.     16, 945     17     1, 003       Sandusky, Ohio     20, 193     416     20, 601       Saratoga Springs, N. Y     13, 821     68     4, 920       Selma, Ala     15, 626     1     064       Southbridge, Mass     14, 205     10     1     .704       Spartanburg, B. C     21, 365     127     5, 944       Stelton, Pa     15, 458     584     37, 777       Stillwater, Minn     10, 198     118     1, 765       Trinidad, Colo     13, 875     4     288	Newport News, Va	20, 562	216	1	10.505	.46
Rome, N. Y     23, 737     997     38, 210       Rutland, Vt.     14, 831     231     4 15, 575       Salem, Oreg     20, 278     499     24, 608       San Bernardino, Cal.     16, 945     17     1, 003       Sandusky, Ohio     20, 193     416     20, 601       Saratoga Springs, N. Y     13, 821     68     4, 920       Selma, Ala     15, 626     1     064       Southbridge, Mass     14, 205     10     1     .704       Spartanburg, B. C     21, 365     127     5, 944       Stelton, Pa     15, 458     584     37, 777       Stillwater, Minn     10, 198     118     1, 765       Trinidad, Colo     13, 875     4     288	North Adams, Mass	<sup>2</sup> 22,019			9.855	1. 10
Rome, N. Y     23, 737     997     38, 210       Rutland, Vt.     14, 831     231     4 15, 575       Salem, Oreg     20, 278     499     24, 608       San Bernardino, Cal.     16, 945     17     1, 003       Sandusky, Ohio     20, 193     416     20, 601       Saratoga Springs, N. Y     13, 821     68     4, 920       Selma, Ala     15, 626     1     064       Southbridge, Mass     14, 205     10     1     .704       Spartanburg, B. C     21, 365     127     5, 944       Stelton, Pa     15, 458     584     37, 777       Stillwater, Minn     10, 198     118     1, 765       Trinidad, Colo     13, 875     4     288	North Tonawanda, N. Y	13, 763			33. 193	1.31
Rome, N. Y     23, 737     997     38, 210       Rutland, Vt.     14, 831     231     4 15, 575       Salem, Oreg     20, 278     499     24, 608       San Bernardino, Cal.     16, 945     17     1, 003       Sandusky, Ohio     20, 193     416     20, 601       Saratoga Springs, N. Y     13, 821     68     4, 920       Selma, Ala     15, 626     1     064       Southbridge, Mass     14, 205     10     1     .704       Spartanburg, B. C     21, 365     127     5, 944       Stelton, Pa     15, 458     584     37, 777       Stillwater, Minn     10, 198     118     1, 765       Trinidad, Colo     13, 875     4     288	North Yakima, Wash	20,951				
Rome, N. Y     23, 737     997     38, 210       Rutland, Vt.     14, 831     231     4 15, 575       Salem, Oreg     20, 278     499     24, 608       San Bernardino, Cal.     16, 945     17     1, 003       Sandusky, Ohio     20, 193     416     20, 601       Saratoga Springs, N. Y     13, 821     68     4, 920       Selma, Ala     15, 626     1     064       Southbridge, Mass     14, 205     10     1     .704       Spartanburg, B. C     21, 365     127     5, 944       Stelton, Pa     15, 458     584     37, 777       Stillwater, Minn     10, 198     118     1, 765       Trinidad, Colo     13, 875     4     288	Norwood, Ohio	22, 286 16, 624			29.570	. 15
Rome, N. Y     23, 737     997     38, 210       Rutland, Vt.     14, 831     231     4 15, 575       Salem, Oreg     20, 278     499     24, 608       San Bernardino, Cal.     16, 945     17     1, 003       Sandusky, Ohio     20, 193     416     20, 601       Saratoga Springs, N. Y     13, 821     68     4, 920       Selma, Ala     15, 626     1     064       Southbridge, Mass     14, 205     10     1     .704       Spartanburg, B. C     21, 365     127     5, 944       Stelton, Pa     15, 458     584     37, 777       Stillwater, Minn     10, 198     118     1, 765       Trinidad, Colo     13, 875     4     288	Ossining, N. Y	13, 705	9		. 657	
Rome, N. Y     23, 737     997     38, 210       Rutland, Vt.     14, 831     231     4 15, 575       Salem, Oreg     20, 278     499     24, 608       San Bernardino, Cal.     16, 945     17     1, 003       Sandusky, Ohio     20, 193     416     20, 601       Saratoga Springs, N. Y     13, 821     68     4, 920       Selma, Ala     15, 626     1     064       Southbridge, Mass     14, 205     10     1     .704       Spartanburg, B. C     21, 365     127     5, 944       Stelton, Pa     15, 458     584     37, 777       Stillwater, Minn     10, 198     118     1, 765       Trinidad, Colo     13, 875     4     288	Paducah, Ky	24,842				
Rome, N. Y     23, 737     997     38, 210       Rutland, Vt.     14, 831     231     4 15, 575       Salem, Oreg     20, 278     499     24, 608       San Bernardino, Cal.     16, 945     17     1, 003       Sandusky, Ohio     20, 193     416     20, 601       Saratoga Springs, N. Y     13, 821     68     4, 920       Selma, Ala     15, 626     1     064       Southbridge, Mass     14, 205     10     1     .704       Spartanburg, B. C     21, 365     127     5, 944       Stelton, Pa     15, 458     584     37, 777       Stillwater, Minn     10, 198     118     1, 765       Trinidad, Colo     13, 875     4     288	Peabody, Mass.	18,360	113		6, 155	
Rome, N. Y     23, 737     997     38, 210       Rutland, Vt.     14, 831     231     4 15, 575       Salem, Oreg     20, 278     499     24, 608       San Bernardino, Cal.     16, 945     17     1, 003       Sandusky, Ohio     20, 193     416     20, 601       Saratoga Springs, N. Y     13, 821     68     4, 920       Selma, Ala     15, 626     1     064       Southbridge, Mass     14, 205     10     1     .704       Spartanburg, B. C     21, 365     127     5, 944       Stelton, Pa     15, 458     584     37, 777       Stillwater, Minn     10, 198     118     1, 765       Trinidad, Colo     13, 875     4     288	Piqua. Ohio	14, 152	1 52	2	3.674	3.85
Rome, N. Y     23, 737     997     38, 210       Rutland, Vt.     14, 831     231     4 15, 575       Salem, Oreg     20, 278     499     24, 608       San Bernardino, Cal.     16, 945     17     1, 003       Sandusky, Ohio     20, 193     416     20, 601       Saratoga Springs, N. Y     13, 821     68     4, 920       Selma, Ala     15, 626     1     064       Southbridge, Mass     14, 205     10     1     .704       Spartanburg, B. C     21, 365     127     5, 944       Stelton, Pa     15, 458     584     37, 777       Stillwater, Minn     10, 198     118     1, 765       Trinidad, Colo     13, 875     4     288	Pittston, Pa.	18,599	111		5.968	
Rome, N. Y     23, 737     907     38, 210       Rutland, Vt     14, 831     231     4     15, 675       Salem, Oreg     20, 278     499     24, 608       San Bernardino, Cal     16, 945     17     1, 003       Sandusky, Ohio     20, 193     416     20, 601       Saratoga Springs, N. Y     13, 821     68     4, 920       Selma, Ala     15, 626     1     064       Southbridge, Mass     14, 205     10     1     704       Spartanburg, S. C     21, 365     127     5, 944       Stellwater, Minn     10, 193     18     1, 765       Trinidad, Colo     13, 875     4     288	Plainfield, N. J.	23,805				.63 .29
Rome, N. Y     23, 737     907     38, 210       Rutland, Vt     14, 831     231     4     15, 675       Salem, Oreg     20, 278     499     24, 608       San Bernardino, Cal     16, 945     17     1, 003       Sandusky, Ohio     20, 193     416     20, 601       Saratoga Springs, N. Y     13, 821     68     4, 920       Selma, Ala     15, 626     1     064       Southbridge, Mass     14, 205     10     1     704       Spartanburg, S. C     21, 365     127     5, 944       Stellwater, Minn     10, 193     18     1, 765       Trinidad, Colo     13, 875     4     288	Plymouth. Pa.	19, 100		ĩ	9. 267	. 56
Rome, N. Y     23, 737     907     38, 210       Rutland, Vt     14, 831     231     4     15, 675       Salem, Oreg     20, 278     499     24, 608       San Bernardino, Cal     16, 945     17     1, 003       Sandusky, Ohio     20, 193     416     20, 601       Saratoga Springs, N. Y     13, 821     68     4, 920       Selma, Ala     15, 626     1     064       Southbridge, Mass     14, 205     10     1     704       Spartanburg, S. C     21, 365     127     5, 944       Stellwater, Minn     10, 193     18     1, 765       Trinidad, Colo     13, 875     4     288	Pontiac, Mich	17,542			16, 247	
Rome, N. Y     23, 737     907     38, 210       Rutland, Vt     14, 831     231     4     15, 675       Salem, Oreg     20, 278     499     24, 608       San Bernardino, Cal     16, 945     17     1, 003       Sandusky, Ohio     20, 193     416     20, 601       Saratoga Springs, N. Y     13, 821     68     4, 920       Selma, Ala     15, 626     1     064       Southbridge, Mass     14, 205     10     1     704       Spartanburg, S. C     21, 365     127     5, 944       Stellwater, Minn     10, 193     18     1, 765       Trinidad, Colo     13, 875     4     288	Portsmouth, N. H	11,666			34.288	• • • • • • • • • • • • • • • • • • • •
Rome, N. Y     23, 737     907     38, 210       Rutland, Vt     14, 831     231     4     15, 675       Salem, Oreg     20, 278     499     24, 608       San Bernardino, Cal     16, 945     17     1, 003       Sandusky, Ohio     20, 193     416     20, 601       Saratoga Springs, N. Y     13, 821     68     4, 920       Selma, Ala     15, 626     1     064       Southbridge, Mass     14, 205     10     1     704       Spartanburg, S. C     21, 365     127     5, 944       Stellwater, Minn     10, 193     18     1, 765       Trinidad, Colo     13, 875     4     288	Reno. Nev	14,869	9 .		.605	
Rome, N. Y.       23, 737       907       38, 210         Rutland, Vt.       14, 831       231       4 15, 575         Salem, Oreg       20, 278       499       24, 608         San Bernardino, Cal       16, 945       17       1, 003         Sandusky, Ohio       20, 193       416       20, 601         Saratoga Springs, N. Y       13, 821       68       4, 920         Selma, Ala       15, 626       1       064         Southbridge, Mass       14, 205       10       1       704       10         Spartanburg, S. C       21, 365       127       5, 944       5, 944       5, 944       15, 458       584       37, 777       777       5tillwater, Minn       10, 193       18       1, 765 <td>Riverside, Cal.</td> <td>·····</td> <td></td> <td></td> <td></td> <td></td>	Riverside, Cal.	·····				
Salem, Oreg     20, 278     499     24, 608       San Bernardino, Cal     16, 945     17     103       Sandusky, Ohio     20, 193     416     20, 601       Saratoga Springs, N. Y     13, 821     68     4, 920       Selma, Ala     15, 626     1     064       Southbridge, Mass     14, 205     10     1     704     10.       Spartanburg, S. C     21, 365     127     5, 944       Stelton, Pa     15, 438     584     37, 777       Stillwater, Minn     10, 198     18     1, 765       Trinidad, Colo     13, 875     4     288       Uniontown, Pa     294     14, 148       Virginia, Minn     15, 193     106     2     6, 977     1,       Warren, Ohio     13, 659     79     6, 049     12, 216       Warren, Pa     14, 727     401     12, 216	Rome, N. Y	23,737	907		38. 210 15. 575	•••••
San Bernardino, Cal     16,945     17     1,003       Sandusky, Ohio     20,193     416     20,601       Saratoga Springs, N. Y     13,821     68     4,920       Selma, Ala     15,626     1     064       Southbridge, Mass     14,205     10     1     704       Spartanburg, B. C     21,365     1127     5,944       Steelton, Pa     15,458     584     37,777       Stillwater, Minn     10,193     18     1,765       Trinidad, Colo     13,875     4     288       Uniontown, Pa     20,780     294     14,148       Virginia, Minn     15,193     106     2,6977     1,74       Warren, Ohio     13,059     79     6,049       Warren, Pa     14,727     401     1,231	Salem. Oreg	20, 278			24. 608	
Sandusky, Ohio     20, 193     416     20, 601       Saratoga Springs, N Y     13, 821     68     4, 920       Selma, Ala     15, 626     1     .064       Southbridge, Mass     12, 205     10     1     .704       Spartanburg, S C     21, 365     127     5, 944       Steelton, Pa     15, 458     584     27, 777       Stillwater, Minn     10, 198     118     1, 765       Trinidad, Colo     13, 875     4     288       Uniontown, Pa     20, 780     294     14, 148       Virginia, Minn     15, 193     106     2     6, 977     1, 727       Warren, Ohio     13, 059     79     6, 049       Warren Pa     14, 727     401     1, 22, 312	San Bernardino, Cal	16,945				:
Selma, Ala.   15,626   1   064	Sandusky, Ohio	20, 193				••••••
Southbridge, Mass     14,205     10     1     704     10.       Spartanburg, S. C.     21,365     127     5,944       Steelton, Pa     15,485     584     37,777       Stillwater, Minn     10,198     18     1,765       Trinidad, Colo.     13,875     4     288       Uniontown, Pa     20,780     294     14,148       Virginia, Minn     15,193     106     2     6,977     1,4       Warren, Ohio     13,059     79     6,049     0,049       Warren Pa     14,727     79     1,221     1,221	Selma, Ala.	15,626	1		.064	
Spartanourg, S. C.     21,365     127     5,944       Stelton, Pa.     15,458     584     37.777       Stillwater, Minn.     10,198     118     1,765       Trinidad, Colo.     13,875     4     288       Uniontown, Pa.     20,780     294     14,148       Virginia, Minn.     15,193     106     2     6,977     1,777       Warren, Ohio.     13,059     79     6,049     6,049       Warren Pa.     14,727     401     1,223     201	Southbridge, Mass	14,205	10	1		10.00
Stillwater, Minn     10, 198     118     1, 765       Trinidad, Colo.     13, 875     4     288       Uniontown, Pa     20, 780     294     14, 148       Virginia, Minn     15, 193     106     2     6, 977     1, 787       Warren, Ohio     13, 057     79     6, 049       Warren Pa     14, 727     79     1, 22, 216	Spartanburg, S. C.	21,365		••••••	5. 944 37 777	••••••
Trinidad, Colo     13, 875     4     288       Uniontown, Pa     294     14, 148       Virginia, Minn     15, 193     106     2 6, 977     1.       Warren, Ohio     13, 059     79     6, 049       Warren array Pa     14, 727     401     1 22 312	Stillwater, Minn	10, 198			1. 765	
Uniontown, Pa. 20,780 294 14.148 Virginia, Minn 15,193 106 2 6.977 1. Warren, Ohio 13,059 79 6.049 14,737 401 1 22 219	Trinidad, Colo	13,875			. 288	
Warren, Ohio 13,059 79 6.049	Uniontown, Pa	20,780		•••••		1.88
Warren Po 14 727 401 1 22 210	Warren, Ohio	13.059			6.049	
Washington, Pa. 21,618 107 1 4.950	Warren, Pa	14,737 21,618	491	. 1	33.318	.20 .93

 $<sup>^1</sup>$  The health officer states that cases are known not to be completely reported.  $^2$  Population Apr. 15, 1910.

#### MEASLES-Continued.

City.	Estimated popula- tion July 1, 1916.	Cases report- ed.	Deaths regis- tered.	Cases report- ed per 1,000 inhabit- ants.	fatality rate
From 10,000 to 25,000 inhabitants—Continued. Watertown, Mass. Waikegan, Ill. Waissu, Wis. Webster, Mass. West Chester, Pa Westfield, Mass. West New York, N. J. West Orange, N. J. White Plains, N. Y. Winona, Minn. Winthrop, Mass. Woburn, Mass.	20, 244 19, 239 13, 210 13, 176 18, 391 18, 773 13, 550 22, 465 18, 583 12, 692	90 89 4 51 276 42 144 285 575 212 300 55	2 1 2 4	6. 054 3. 952 . 208 3. 861 20. 947 2. 281 7. 671 21. 033 25. 595 11. 408 23. 637 3. 444	50.00 1.96

# MENINGITIS (EPIDEMIC CEREBROSPINAL).

70 000 to 100 000 inhabitants	.				1
om 50,000 to 100,000 inhabitants:  Bayonne, N. J	69,895	1	l	0.014	l
Binghamton, N. Y	53,973	4		.074	
Brockton, Mass.	67,449	1		.015	
Duluth, Minn	94,495	5	1	. 053	20.0
Elizabeth, N. J.	86,690	2	2	.023	100.0
Evansville, Ind	76,078	3		.039	
Flint, Mich	54,772	1	1	.018	100.0
Hoboken, N. J.	77,214	5	21		
Manchester, N. H.	78, 283	2	2	.026	100.0
New Britain, Conn	53, 794	9	14		
Fassaic, N. J.	71,744	1	2	.014	···:::::::::::::::::::::::::::::::::::
Pawtucket, R. I.	59,411	2	Z	.023	100.0
Saginaw, Mich	55, 642	1	• • • • • • • • • • • • • • • • • • • •	.018	
San Diego, Cal	53, 330	2	1	. 038	50.0
Schenectady, N. Y.	99,519	4	• • • • • • • • • • • • • • • • • • • •	.040	
Somerville, Mass	87,039	5	4	.057	80.0
Troy, N. Y.	77,916	1	1	.023	100.0 100.0
Utica, N. Y	85, 692 70, 722	2	2 3	.057	75.0
Wichita, Kans	00, 122	4	3	.080	87.5
Yonkers, N. Y	99, 838	8	•	.000	01.0
om 25,000 to 50,000 inhabitants: Alameda, Cal.	07 720			. 036	
Battle Creek, Mich	27,732 29,480	1 4	5	.030	
Cedar Rapids, Iowa	37, 308	1	1	. 027	100.0
Central Falls, R. I.	25,636	i	i	.039	100.0
Chelsea, Mass.	46, 192	3	3	.065	100.0
Council Bluffs, Iowa.	31, 484	i	ĭ	.032	100.0
Everett, Mass	39, 235	î	•	. 025	1
Fitchburg, Mass.	41,781	i	1	.024	10.00
	26, 171	î	•	.038	
Hammond, Ind Haverhill, Mass	48,477	2	1	.041	50.0
Hazleton, Pa	28, 491	2	2	.070	100.0
Kalamazoo Mich	48,886	ĩ	3	l	
Lexington Kv	41,097	$\tilde{2}$	5		
Lincoln, Nebr	46, 515	$\bar{2}$	3		
Lorain, Ohio	36,964	1	1	. 027	100.0
Montelair, N. J.	26, 318	2	1	. 076	50.0
Mount Vernon, N. Y.	37,009	2 2 2	1	. 054	50.0
Muskegon, Mich	26,100	2	1	.077	50.0
New Castle, Pa.	41, 133	1		. 024	
Newport, Ky	31,927	3	3	.094	100.0
Newton, Mass	43, 715	1	1	.023	100.0
Ogden, Utah	31,404	2	2	.064	100.0
Orange, N. J.	33,080	1	1	. 030	100.0
Pittsfield, Mass	38, 629	2	1	. 052	50.0
Quincy, Ill	36, 798	1	1	. 027	100.0
Salem, Mass	48, 562	. 2	2	.041	100.0
San Jose, Cal	38,902	ī	1	. 026	100.0
Steubenville, Ohio	27,445	1	7	.028	·····
Taunton, Mass	36, 283	1	•••••		100.0
Tulsa, Okl	30,575	3 2	3 2	.098	100.0
West Hoboken, N. J.	43,139 43,377		3	.040	100.0
Wheeling, W. Va Winston-Salem, N. C	20,011	1	7	• • • • • • • • • • • • • • • • • • • •	
winston-salem, N. C	31, 155	1 1	•		

Population Apr. 15, 1910.

\*Cities in which no cases of this disease were reported are not included in this table.

#### MENINGITIS (EPIDEMIC CEREBROSPINAL)-Continued.

City.	Estimated popula- tion July 1, 1916.	Cases report- ed.	Deaths regis- tered.	Cases report- ed per 1,000 inhabit- ants.	Indi- cated fatalit rate per 100 cases.
rom 10,000 to 25,000 inhabitants:		_			
Bellaire, Chio	14,348	2	2	0.140	100.0
Billings, Mont	14,422	5	1	.347	20.0
Bloomfield, N. J	18,466	3	1	. 162	33.3
Bluefield, W. Va	15,442	2	2	.130	100.0
Bradford, Pa	1 14, 544	5	5	.344	100.0
Clinton, Mass	1 13, 075	1		.076	
Coffevville, Kans	17,548	ī	1	.057	100.0
Dover, N. H.	13, 272	ĩ		.075	
Dover, N. H. Eau Claire, Wis.	18,807	3	6	1	
Elwood, Ind	1 11.028	i	, ·	.091	
Eureka, Cal	14.684	3	3	.204	100.0
Fond du Lac, Wis.	21, 113	1	7	201	100.0
Conden Mass	17, 140				
Gardner, Mass		2	3		
Greenwich, Conn	19, 159	5	3	. 261	60.0
Hackensack, N. J.	16,945	2	4		
Homestead, Pa	22,466	1		.045	
Ironwood, Mich	14,779	:1	1	.068	100.0
Ithaca, N. Y	15,848	1	1	.063	100.0
Jackson, Tenn.	17,807	3	1	. 168	33.3
Leavenworth, Kans	1 19, 363	2	2	. 103	100.0
Lincoln, Ill.	11,838	ĩ	ĩ	.084	100.0
Lockport, N. Y.	12,879	î	î	.050	100.0
Mansfield Ohio		3	3	132	100.0
Morristown, N. J		1	. 1	. 075	100.0
Muscatine lowa				. 114	100.0
Northampton, Mass	17,500	2	2		
Northampton, mass		. 1	1	. 050	100.0
Olean, N. Y	16,624	1	2	*******	• • • • • •
Oswego, N. Y	24, 101	60		2.490	
Phillipsburg, N. J	15,605	1	1	.064	100.0
San Bernardino, Cal	16,945	6	1	. 351	16.6
Saratoga Springs, N. Y	13,821	1		.072	
Southbridge, Mass	14,205	1	1 1	.070	100.0
Warren, Ohio.	13,059	1	3		
Washington, Pa	21,618	ī	ĭl	.046	100.0
Wausau, Wis	19, 239	3	- l	. 156	
Westfield, Mass.	18, 391	2	····i	.019	50.0
West New York, N. J.	18, 773	2	* 1	.107	٠٠.١
White Plains, N. Y.	22, 465	2		.089	100.0
Winona, Minn.	1 18, 583	1	2	.054	100.0
YY 111U113, 111111111111111111111111111111	* TO' 003	4.1	1	. Uə4 i	100. L

#### PELLAGRA.

	(	1		1	1
From 50,000 to 100,000 inhabitants:			1		1
Augusta, Ga	50, 245	6	31	1	1
Augusta, Ga. Manchester, N. H.	78, 283	ĺ	l i	0.013	100.0
Mobile, Ala	58, 221	21	46		
Saginaw, Mich	55, 642	1	l ï	.018	100.00
St. Joseph, Mo	85, 236	ī	ī	.012	100.00
Wichita Kans	70, 722	ī	ī	.014	100.00
Wichita, Kans From 25,000 to 50,000 inhabitants:	,	_	_		200.00
Columbia, S. C.	34,611	7	22		ì
Jackson, Miss.	29, 737	362	16	12.173	4.42
Knoxville, Tenn.	38,676	002	40	.078	7.72
Lincoln, Nebr.	46, 515	1	• • • • • • • • • • • • • • • • • • • •	.021	100.00
Long Beach, Cal.	27.587			.036	
Temphore Vo	32,940	10	1	. 304	
Lynchburg, Va	42, 715	10	٥		30.00
Taunton, Mass	43,715	Ţ			
Waltham, Mass	36, 283	Ž		. 055	
Winston-Salem, N. C.	30, 570	2	.2	. 065	100.00
Winston-Salem, N. C	31, 155	8	15	• • • • • • • •	
From 10,000 to 25,000 inhabitants: Albuquerque, N. Mex. Ann Arbor, Mich.	4. 44	_			1
Albuquerque, N. Mex	14,025	1		. 071	
Ann Arbor, Mich	15,010	1	1	. 067	100.00
Argenta, Ark	14.907	5		. 335	
Chickasha, Okla	15,447	2		. 129	
Chickasha, Okla Coffeyville, Kans	17,548	2	1 1	. 114	50.00

Population Apr. 15, 1910.
 The health officer states that cases are known not to be completely reported.
 Cities in which no cases of this disease were reported are not included in this table.

#### MENINGITIS (EPIDEMIC CEREBROSPINAL)—Continued.

City.	Estimated popula- tion July 1, 1916.	Cases report- ed.	1 44-4	Cases report- ed per 1,000 inhabit- ants.	rate
From 10,000 to 25,000 inhabitants—Continued.  Danville, Va.  Greenville, S. C.  Hattiesburg, Miss.  Jackson, Tenn.  Lincoln, Ill  Northampton, Mass Olean, N. Y  Peabody, Mass Santa Barbara, Cal Selma, Ala.  Spartanburg, S. C.	16, 482 17, 807 11, 838 19, 926 16, 624 18, 360 14, 846	14 1 10 191 1 10 1 3 1 1 1 13 33	6 10 5 1 3 1 1 1 7 8	0. 699 .550 11. 588 .562 .084 .151 .060 .054 .067 .832 1. 451	42. 86 100. 00 50. 00 100. 00 100. 00 100. 00 100. 00 53. 85 25. 81

### POLIOMYELITIS (INFANTILE PARALYSIS).2

m 50,000 to 100,000 inhabitants:					į
Atlantic City, N. J.	57, 660	27	1	0.468	3.
Augusta, Ga.	50, 245	2	I	. 040	
Bayonne, N. J.	69, 895	44		. 630	
Binghamton, N. Y	53,973	7	3	. 130	42.
Brockton, Mass	67, 449	3		. 044	
Covington, Ky	57, 144	ž		. 035	
Duluth, Minn	94, 495	6		. 063	
Elizabeth, N. J.	86,690	71	21	819	29.
El Paso, Tex	63, 705	5		.078	
Erie, Pa.	75, 195	7		. 093	
Evansville, Ind	76,078	7		. 092	
Flint, Mich	54,772	44	9	. 803	20.
Fort Wayne, Ind	76, 183	8	l	. 105	l
Hoboken, N. J.	77, 214	10	4	. 130	40.
Holyoke, Mass	65, 286	117	27	1.792	23.
Lancaster, Pa.	50, 853	21	1	. 413	4.
Malden, Mass	51, 155	46	12	. 899	26.
Manchester, N. H.	78, 283	18	6	. 230	33.
Mobile, Ala	58, 221	10	1	. 172	10.
New Britain, Coun	53,794	28	2	. 521	7.
Oklahoma City, Okla	92, 943	2		. 022	
Passaic, N. J.	71,744	8	2	. 112	25.
Pawtucket, R. I	59, 411	13	1	. 219	7.
Portland, Me	63,867	5		. 078	
Rockford, Ill	55, 185	1		. 018	
Saginaw, Mich	55,642	18	3	. 323	16.
St. Joseph, Mo	85, 236	1		. 012	
Schenectady, N. Y	99, 519	10	1	. 100	10.
Somerville, Mass	87,039	48	9	. 551	18.
Tampa, Fla	53,886	1		. 019	
Troy, N. Y.	77,916	20	2	. 257	10.
Utica, N. Y.	85,692	36	7	. 420	19.
Wichita, Kans	70, 722	1		.014	
Wilkes-Barre, Pa	76,776	6	1	.078	16.
Yonkers, N. Y.	99,838	140	42	1. 402	30.
ry Ork, Pa n 25,000 to 50,000 inhabitants:	51,650	1		. 019	
n 25,000 to 50,000 inhabitants:	0.004		!	117	25.
AUTOPA. III	34,204	4 34	1 5	. 117 1. 153	14.
Battle Creek, Mich.	29,480	25	9	. 521	36.
Bay City, Mich	47,948		ש	.030	30.
Boise, Idaho	33,846 32,730	1 21	5	.642	23.
Brookline, Mass	25,030	3	1	.120	33.
Burlington, Iowa	37, 308	5		. 134	, oo.
Cedar Rapids, Iowa	25,636	1	1	.039	100.
Central Falls, R. I		8	i	.173	12.
Chelsea, Mass	46, 192 27, 386	4	1	.146	14.
Clinton, Iows	34,611	12		.058	
Columbia, S. C.		12		. 462	
Cranston, R. I.	25,987 26,074	5	1	.192	20.
Cumberland, Md	20,074 32,261	2	i i	.052	50.
Danville, Ill		3	11	.061	33.
Davenport, Iowa	48,811	15	4	.378	26.
Decatur, Ill	39,631	19 )	4,	.010	40.

The health officer states that cases are known not to be completely reported.
 Cities in which no cases of this disease were reported are not included in this table.

#### POLIOMYELITIS (INFANTILE PARALYSIS)—Continued.

City.	Estimated popula- tion July 1, 1916.	Cases report- ed.	Deaths regis- tered.	Cases report- ed per 1,000 inhabit ants.	Indicated fatality rate per 100 cases.
From 25,000 to 50,000 inhabitants—Continued.	42, 458	56	10	1. 319	17.86
	1 28 203	2	l	.071	17.00
Evanston, Ill.	28,591	8	2	. 280	25.00
Eigm, III Evanston, Ill Everett, Mass Fitchburg, Mass	28,591 39,235 41,781	27 9	1 3	. 688 . 215	3. 70 33. 33
Fitchburg, Mass Green Pay, Wis Haverhill, Mass Hazleton, Pa Jackson, Mich Jackson, Miss	1 29.353	. 8	2	. 273	25.00
Haverbill, Mass	48,477	12 7	3	. 248	25.00 42.86
Jackson, Mich.	28,491 35,363	9		.255	92.00
Jackson, Miss	29, 737	1		.034	
Kalamazoo, Mich. Kenosha, Wis. Kingston, N. Y. La Crosse, Wis.	48,886 31,576	11 7	1 3	. 225 . 223	9.09 42.86
Kingston, N. Y.	31,576 26,771 31,677	8	2	. 299	25.00
La Crosse, Wis	31,677	4		.126	
Lansing, Mich. Lexington, Ky. Lincoln, Nebr. Lynchburg, Va. Madison, Wis.	40, 498 41, 097	25 3	1	.617 .073	4.00 33.33
Lincoln, Nebr.	46, 515 32, 940 30, 699	3		. 064	1
Lynchburg, Va	32,940	20	4	. 607	20.00
Madison, VIS.  McKeesport, Pa.  Medford, Mass.  Moline, III.  Montclair, N. J.  Mount Vernon, N. Y.  Now Cortle, Pa.	47,521	12		. 065	
Medford, Mass	26,234	20	5	. 762	25.00
Moline, III	47, 521 26, 234 27, 451 26, 318	4 32	8	. 146 1. 216	
Mount Vernon, N. Y.	37,009	54	ıı	1. 459	25.00 20.37
New Castle, Pa	41.133	1		. 024	
Newport, R. I	30,108 37,759	13 125	3 23	. 432 3. 310	23. 07 18. 40
Newton, Mass	43,715	20	4	. 458	20.00
Niagore Falls, N. Y	37, 353	1	2		
Norristewn, Pa	31,401 26,654	19	2	. 605 . 075	10. 53
Mount Vernon, N. Y. New Castle, Pa. Newport, R. I. New Rochelle, N. Y. Newton, Mass. Niagare Falls, N. Y. Norristewn, Pa. Oak Park, Ill. Orange, N. J. Oshkosh, Wis. Perth Amboy, N. J. Pittsfield, Mass. Quincy, Ill. Quincy, Mass. Roanoke, Va.	33,080	82	20	2.479	24. 39
Oshkosh, Wis	36,065 41,185	30		. 055	
Pertn Amooy, N. J	38, 629	67	10 14	. 728 1, 734	33. 33 20. 90
Quincy, Ill	38, 629 36, 798	4	1	. 109	25.00
Quincy, Mass	38, 136 43, 284	66	16	1,731 .116	24. 24
Rock Island. Ill	28,926	4	i	. 138	·25. 00
Quincy, Mass. Roanoke, Va. Rock Island, III. Salem, Mass. Taunton, Mass Tullsa, Okla. Waltham, Mass Waterloo, Iowa. Watertown, N. Y West Hoboken, N. J Wheeling, W. Va Winston-Salem, N. C. From 10,000 to 25,000 inhabitants: Adrian, Mich.	28, 926 48, 562 36, 283	8	2	. 165	25.00
Taunton, Mass	36, 283 30, 575	3	2	.110	66.67
Waltham, Mass	30,570	28	3	.916	10.71
Waterloo, Iowa	35, 559 I	5	3 1	. 141	20.00
Watertown, N. I	29, 894 43, 139	3 36	2 9	. 100 . 835	66. 67 <b>2</b> 5. 00
Wheeling, W. Va	43,377	· 2	2	. 046	100.00
Winston-Salem, N. C	31, 155	1	•••••	.032	•••••
Adrian, Mich.	11,458	6		. 524	
Alexandria, Va	11, 458 17, 846	1	1	. 056	100.00
Appleton, Wis.	17,834 14,007	26	1 9	. 449 1. 856	12.50 34.62
Asheville, N. C.	20, 823 13, 350	3.		.144	
Batavia, N. Y	13,350	2 .		. 150	• • • • • • • •
Beioit, Wis	18,072 21,645	1 24	6	. 055 1. 109	25.00
Billings, Mont	14, 422	30	4	2.080	13.33
Bloomfield, N. J	18, 466 10, 872	24 1	7	1.300	29. 20
Burlington, Vt.	21,617	6 .		.278	• • • • • • • •
Winston-Salem, N. C. From 10,000 to 25,000 inhabitants: Adrian, Mich. Alexandria, Va. Appleton, Wis. Asbury Park, N. J. Asheville, N. C. Batavia, N. Y. Beloit, Wis. Beverly, Mass. Billings, Mont. Bloomfield, N. J. Brunswick, Ga. Burlington, Vt. Carbondale, Pa. Champaign, Ill. Clinton, Mass. Coffeyville, Kans. Concord, N. H. Connellsville, Pa. Connellsville, Pa. Corning, N. Y. Cumberland, R. I. Danville, Va.	10 242	3	2	. 156	66.67
Clinton Mass	14,508 213,075 17,548	2 .		.138	••••••
Coffeyville, Kans	17,548	5	1	. 285	20.00
Concord, N. H.	22.669 1	1 1	:1	.044	100.00
Corning, N. Y	15, 455 15, 406	2 2		. 130	••••••
Cumberland, R. I	15,406 10,848	3	i i	. 277	33.33
Danville, Va. Dover, N. H Dubois, Pa	20,021	4 -	····i	.200	100.00
Dubois, Pa	13, 272 14, 665	1 2 .		.136	100.00
. m) 1 111 . m				•	

<sup>&</sup>lt;sup>1</sup> The health officer states that cases are known not to be completely reported. <sup>2</sup> Population Apr. 15, 1910.

#### POLIOMYELITIS (INFANTILE PARALYSIS)—Continued.

City.	Estimated popula- tion July 1, 1916.	Cases report- ed.	Deaths regis- tered.	Cases report- ed per 1,000 inhabit- ants.	Indi- cated fatality rate per 100 cases.
rom 10,000 to 25,000 inhabitants—Continued. Dunkirk, N. Y. East Liverpool, Ohio					
Dunkirk, N. Y	20,743	16	1 2	. 289	16.6
East Liverpool, Unio	22,586 18,807	1 5	2	. 266	40.0
East Liverpool, Onto Eau Claire, Wis Eureka, Cal Farrell, Pa Fond du Lac, Wis. Fulton, N. Y	14,684 2 10, 190	ľi	l	.068	30.0
Farrell, Pa	2 10, 190	1		.098	
Fond du Lac, Wis	21, 113	2	10	. 095 2. 003	100.0
Fulton, N. Y	11,908 17,140	31 4	10	. 233	32.2
Gardner, Mass. Greenville, S. C. Greenwich, Conn Hackensack, N. J. Harrison, N. J.	18, 181	5	i	275	20.0
Greenwich, Conn	19, 159 16, 945	46	8	2.401	17.3
Hackensack, N. J	16,945	21	4	1.239	19.0
Harrison, N. J.	16, 950 16, 482	36 4	.14	2. 124	38.8
Hattlesburg, Miss	14,685	4	3	272	75.0
Ithaca, N. Y	15,848	26	6	1.641	23.0
Harrison, N. J. Hattiesburg, Miss Hornell, N. Y Johnstown, N. Y Johnstown, N. Y Kankakee, Ill Kearny, N. J Kokomo, Ind. La Fayette, Ind. La Salle, Ill Little Falls, N. Y Lockport, N. Y Lockport, N. Y Longansport, Ind. Long Branch, N. J Manitowoc, Wis Mankato, Minn. Mansfield, Ohio. Marinette, Wis Marion, Ind.	10,648	10	1	.939	10.0
Kankakee, Ill	14, 230	3	ii	. 211 1. 954	23.9
Kearny, N. J	23, 539 20, 930	46 2	111	.096	23.9
La Favette Ind	21,286	1 2	1	.094	50.0
La Salle, Ili	21, 286 12, 221	2 6		. 491	l
Little Falls, N. Y	13, 451	3	2	. 223	66.6
Lockport, N. Y	19,879	2 2 25	1 2	. 101	50.0 100.0
Long Propeh N. T	21,016 15,395	25	ĺí	1.624	4.0
Manitowoc. Wis	15,395 13,805 2 10,365	6	ļ	. 435	
Mankato, Minn.	2 10, 365	1		. 096	
Mansfield, Ohio	22,734	3	·····i	.132	33.3
Marinette, Wis	2 14,610	3	1	.101	1
Marion, Ind	19, 834 12, 582	2 1	i	.079	100.0
Matton, Ind. Matton, Ill. Middletown, N. Y. Middletown, Ohio. Milford, Mass.	15, 810	18	3	1.139	16.6
Middletown, Ohio	15, 810 15, 625	1		. 064	
Milford, Mass	14, 110	4	·····i	. 283	25.0
Monessen, Pa	21,630 13,284	6	2	. 452	33.3
Monristown, N. J. Muscatine, Iowa. Nanticoke, Pa. New Albany, Ind.	13, 284 17, 500 23, 126	6 2		.114	
Nanticoke, Pa	23, 126	2 2		.086	····
New Albany, Ind	23,629	2 2	1	.085	50.0
Newport News, Va	20,562	38	12	1.726	31.5
Northampton Mass	19, 926	38 22	4	1.104	18.1
North Tonawanda, N. Y.	22,019 19,926 13,768 22,286	1	1	. 073	100.0
Norwood, Ohio	22, 286	2	ļ <u>3</u>	. 090 1. 678	13.0
Ossining, N. Y.	13,705 24,101	23 59	[ 9	2. 448	15.0
Uswego, N. I	18, 360	3	ľi	. 163	15. 2 33. 3
Peekskill, N. Y.	18,530	16	2	. 863	12.5
New Albany, Ind. Newport News, Va. North Adams, Mass. Northampton, Mass. North Tonawanda, N. Y. Norwood, Ohio Ossining, N. Y. Oswego, N. Y. Peabody, Mass. Peekskill, N. Y. Piqua, Ohio Pittston, Pa. Plainfield, N. J. Plymouth, Pa. Pontiac, Mich. Portsmouth, N. H. Redlands, Cal. Reno, Nev.	14, 152	2		.141	
Pittston, Pa.	18,599 23,805	3 45	12	1.890	26.6
Planneld, N. J	19,100	5	12	. 262	40.0
Pontiac. Mich	19, 100 17, 542 11, 666	9	3	. 513	33.3
Portsmouth, N. H	11,666	1	·····i	. 086	
Redlands, Cal	14,000	1 2	1	. 071	100.0
Reno, Nev	14, 869 19, 763 23, 737 14, 831	4		202	
Rome N Y	23, 737	1		.042	
Rutland. Vt.	14, 831	2		. 135	
Reno, Nev Riverside, Cal Rome, N.Y. Rutland, Vt. Salem, Oreg.	20, 278	7		. 345	
Sandusky, Ohio	20, 193 14, 846	2	·····	. 135	
Rutland, Vt. Salem, Oreg	13, 821	9	4	. 651	44. 4
Southbridge, Mass	13, 821 14, 205	. 5	<del>-</del>	. 352	
Spartanburg, S. C.	21, 365	1		.047	
Stillwater, Minn	210, 198	1	·····i	.098	100.0
Warren, Ohio	13, 059 14, 737	1	1	.068	100.0
Warren Mass	14,737 14,867 20,244	2	1	. 135	50.0
Wankegan III	20, 244	3		. 148	
	19, 239	8	1 1	. 416	12.5

The health officer states that cases are known not to be completely reported.
 Population Apr. 15, 1910.

#### POLIOMYELITIS (INFANTILE PARALYSIS)—Continued.

City.	Estimated popula- tion July 1, 1916.	Cases report- ed.	Deaths regis- tered.	Cases report- ed per 1,000 inhabit- ants.	fatality rate
From 10,000 to 25,000 inhabitants—Continued.  Webster, Mass West Chester, Pa. Westfield, Mass. West New York, N. J. West Orange, N. J. White Plains, N. Y. Winona, Minn. Winthrop, Mass. Woburn, Mass.	13, 210 13, 176 18, 391 18, 773 13, 550 22, 465 1 18, 583 12, 692 15, 969	5 1 14 47 40 45 38 4 6	1 3 2 12 1	0. 379 .076 .761 2. 504 2. 952 2. 003 2. 045 .315 .376	
RABIES (IN MA	AN).				
Ann Arbor, Mich Danville, Ili Erie, Pa Mobile, Ala Spertanburg, S. C	15,010 32,261 75,195 58,221 21,365	1 1 1 1	1 1 1 1 1	0.067 .031 .013 .017 .047	100. 00 100. 00 100. 00 100. 00 100. 00

<sup>&</sup>lt;sup>1</sup> Population Apr. 15, 1910.

#### RABIES (IN ANIMALS).

City.	Cases reported.	City.	Cases reported.
Ann Arbor, Mich Augusta, Ga Bluefield, W. Va Cairo, Ill Chickasha, Okla Chillicothe, Ohio Danville, Va Elwood, Ind Erie, Pa Everett, Wash Hackensack, N. J Ironwood, Mich	10 4 3 3 10 70 16	Jackson, Miss. Luttle Falls, N. Y Lockport, N. Y Lorain, Ohio Niagara Falls, N. Y North Tonawanda, N. Y Ogden, Utah Saginaw, Mich San Diego, Cal Steubenville, Ohio Warren, Ohio Warren, Pa	6 6 3 2 7 2 1 5

#### SCARLET FEVER.1

City.	Estimated popula- tion July 1, 1916.	Cases report- ed.	Deaths regis- tered.	Cases report- ed per 1,000 inhabit- ants.	Indicated fatality rate per 100 cases.
From 50,000 to 100,000 inhabitants: Atlantic City, N. J. Augusta, Ga. Bayonne, N. J. Borkeley, Cal. Binghamton, N. Y. Brockton, Mass. Canton, Ohio. Covington, Ky. Duluth, Minn. Elizabeth, N. J. El Paso, Tex. Erie, Pa. Evansville, Ind. Flint, Mich.	50, 245 69, 895 57, 653 53, 973 67, 449 60, 852 57, 144 94, 495 86, 690 63, 705 75, 195 76, 078	60 6 100 123 56 70 265 39 254 207 90 75 57	5 2 3 1 1	1.041 .119 1.431 2.113 1.038 4.355 .682 -2.688 2.388 1.413 .997 .749 1.515	

<sup>&</sup>lt;sup>1</sup>Cities in which no cases of this disease were reported are not included in this table.

#### SCARLET FEVER-Continued.

City.	Estimated popula- tion July 1, 1916.	Cases report- ed.	Deaths regis- tered.	Cases report- ed per 1,000 inhabit- ants.	Indi- cated fatality rate per 100 cases.
From 50,000 to 100,000 inhabitants—Continued.	F0 100	40			
From 30,000 to 00,000 minantiants—Constitued.  Fort Wayne, Ind Hoboken, N. J. Holyoke, Mass. Lancaster, Pa Malden, Mass. Manchester, N. H. Mobile Ale	76, 183 77, 214	49 226	1 9	0.643 2.927	2.04 3.98
Holyoke Mass	77, 214 65, 286	154		2.359	3.98
Lancaster, Pa	50, 853 51, 155	30		.590	
Malden, Mass	51,155	83 94	3	1.623 1.201	3.61
Manchester, N. H. Mobile, Ala. New Britain, Conn Oklahoma City, Okla. Passaic, N. J. Pawtucket, R. I. Portland, Me. Rockford, Ill. Saginaw, Mich. St. Joseph, Mo. San Diego, Cal.	78, 283 58, 221	21		.361	
New Britain, Conn	53, 794 92, 943	25		. 465	
Oklahoma City, Okla	92,943	173	1 1	1.861	.58
Passaic, N. J.	71,744	45 54	1 2	.627	2.22
Pawtucket, K. I	59, 411 63, 867	56		.877	3.70
Rockford, Ill	55,185	216	2	3.914	.93
Saginaw, Mich.	55,642	204	3	3.666	1.47
St. Joseph, Mo. San Diego, Cal. Schenectady, N. Y. Somerville, Mass. Tampa, Fla. Troy, N. Y.	85, 236	133	4	1.560	3.01
San Diego, Cal	53,330	71 158	1 2	1.331	1.41
Somerville Mass	99, 519 87, 039 53, 886	119	2	1.367	1.27 1.68
Tamna. Fla	53,886	54	1 2	1.002	1.85
Troy, N. Y.	77,916	195	2	2.503	1.27
Utica, N. Y	85,692	109	1	1.272	. 92
Tampa, Fia. Troy, N Y Utica, N. Y Wichita, Kans Wilkes-Barre Yonkers, N. Y	85, 692 70, 722 76, 776 99, 838	62 101	2	.877 1.316	1.61 1.98
Vonbors N V	99, 838	280	6	2.805	2.14
York. Pa	51,656	32		.619	
Yonkers, N. Y. York, Pa. From 25,000 to 50,000 inhabitants: Alameda, Cal. Aurora, Ili. Austin, Tex. Battle Creek, Mich. Bay City, Mich. Bellingham, Wash. Boise, Idaho. Brookline, Mass. Burlington, Lowa.					
Alameda, Cal	27, 732 34, 204 34, 814	36 101	·····i	1.298	
Aurora, Ill	34,204	62	1	2.953 1.781	.99
Rattle Creek, Mich	29, 480	75		2.544	
Bay City, Mich	47,942	53	3	1.106	5.66
Bellingham, Wash	32,985	1		.030	
Boise, Idaho	29, 480 47, 942 32, 985 33, 846 32, 730	8 71	1	. 236 2. 169	1.41
Rurlington Iowa	25, 030	10		.400	1.41
Cedar Rapids, Iowa	37,308	24	3	. 643	12.50
Central Falls, R. I	25, 636 46, 192	18	1	. 702	5.56
Chelsea, Mass	27,386	77 42	1	1.667 1.534	1.30
Columbia, S. C.	34,611	1 40		1.156	
Council Bluffs, Iowa	31, 484 25, 987 26, 074	298	15	9.465	5.03
Cranston, R. I	25,987	55	<b></b>	2.116	• • • • • • • • • • • • • • • • • • • •
Cumberland, Md	20,074	34 40	i	1.304 1.240	2.50
Devenort Iowa	32, 261 48, 811	206	ī	4.220	.49
Decatur, Ill	39,631	57 70	1	1.438	1.76
Dubuque, Iowa	39, 631 39, 873	70	2	1.756	2.86
East Orange, N. J.	42, 458 28, 203	83 29	1	1.955 1.028	1.20
Eigin, III	28, 203 28, 591	178	1 1 7	6.226	3.45 3.93
Everett Mass	39, 235	81	2	2.064	3.93 2.47
Everett, Wash	28, 591 39, 235 35, 486	32	1	.902	3.13
Fitchburg, Mass	41,781	52	• • • • • • • •	1.245	
Green Bay, Wis	29,353	45 51	i	1.533 1.259	1.96
Hammond Ind	40, 496 26, 171	72		2.751	1.50
Haverhill, Mass	48, 477	87	1	1.795	1.15
Hazleton, Pa	28, 491	32		1.123	
Jackson, Mich	35,363	282 8	5	7.974 .269	1.77
Volemezoo Mich	35,363 29,737 48,886	48	3	. 982	6. 25
Kenosha, Wis	31,576	42	2	1.330	4.76
Kingston, N. Y	26,771	79	1	2. 951	1. 27
Knoxville, Tenn	38, 676	31		. 802	
La Crosse, Wis	31,677 40,498 27,809	24 265	•••••	. 758 6. 544	· · · · · · · · · · · · · · · · · · ·
Lausing, mul	27, 809	200	····i	.719	5.00
Lexington, Ky	41,097	106	1	2. 579	. 94
Boise, Idaho. Brookline, Mass Burlington, Iowa Cedar Rapids, Iowa Cedar Rapids, Iowa Central Falls, R. I Chelsea, Mass. Clinton, Iowa. Columbia, S. C. Council Bluffs, Iowa. Cranston, R. I. Cumberland, Md Danville, Ill Davenport, Iowa Decatur, Ill Dubuque, Iowa. Beat Orange, N. J Elgin, Ill Evanston, Ill Everett, Mass Everett, Wash Fitchburg, Mass Green Bay, Wis Hamilton, Ohio Hammond, Ind. Haverhill, Mass Hazleton, Pa Jackson, Mich Jackson, Mich Jackson, Miss. Kalamazoo, Mich Kenosha, Wis Kingston, N Y Knoxville, Tenn La Crosse, Wis Lansing, Mich Lewiston, Me Lexington, Me Lexington, Me Lexington, Me Lexington, Me Lorain, Ohio Lynehburg, Va.	46,515	121	6	2.601	4. 96
Long Beach, Cal	27,587 36,964 32,940	24 138	<u>.</u>	. 870 3. 733	1.45

<sup>&</sup>lt;sup>1</sup> The health officer states that cases are known not to be completely reported.

#### SCARLET FEVER—Continued.

Oshkosh, Wis.	City.	Estimated popula- tion July 1, 1916.	Cases report- ed.	Deaths regis- tered.	Cases report- ed per 1,000 inhabit- ants.	Indicated fatality rate per 100 cases.
McKesport, Pa. 47,521 38 1 800 Medford, Mass. 26,234 48 1 1,830 Moline, III 27,451 53 1,931 Montelair, N, J 26,318 27 1 1,026 Mt. Vernon, N, Y 37,009 56 1,513 Muncel, Ind 25,424 112 472 Muskegon, Mich 25,424 112 472 Muskegon, Mich 26,100 303 6 11.609 New Castle, Pa 41,133 34 287 Newport, Ky 31,977 21 688 Newport, Ky 31,977 21 688 Newport, R. 1 30,108 23 764 New Rochelle, N, Y 37,799 72 1 1.907 New Kon, Mass. 45,715 42 961 Norristown, Pa 37,739 72 1 1.901 Norristown, Pa 37,739 72 1 1.901 Norristown, Pa 37,739 72 1 1.901 Ogden, Utah 33,401 125 34,614 107 3 4.014 Ogden, Utah 35,605 66 1 1.510 Oshkosh, Wis 41,185 31 1,703 PERSA Ambys, N, J. 41,185 31 1,703 PERSA Ambys, N, J. 41,185 31 1,703 Quincy, Mass 38,136 249 3 6,529 Roanolee, Va 45,244 119 439 Rock Island, III. 22,526 75 2 2,593 Roanolee, Va 45,244 119 439 Rock Island, III. 22,526 75 2 2,593 Roanolee, Va 45,244 119 439 Rock Island, III. 22,526 75 2 1,741 Superior, Wis 46,220 67 1 1,449 Superior, Wis 46,220 67 1 1,449 Superior, Wis 46,220 67 1 1,449 Taunton, Mass 30,570 57 2 1,865 Waterloo, Iowa 27,445 24 774 Superior, Wis 46,220 67 1 1,449 Taunton, Mass 30,570 57 2 1,865 Waterloo, Iowa 27,445 24 774 Superior, Wis 46,220 67 1 1,449 Taunton, Mass 30,570 57 2 1,865 Waterloo, Iowa 37,775 20 56 21,755 Waterloo, Iowa 43,377 37 2 833 Winston-Salem, N C 31,155 208 5 6,676 From 10,000 to 25,000 inhabitants: Aberdeen, Wash 47, N J 41,475 57 22,185 Roanolee, Ia 41,475 43 3,806 Relain, N F 41,478 43 474 Relain, Mich 41,478 43 474 Relain, Mich 41,478 43 43 444 Relain, Mich 41,478 43 43 444 Relain, Mich 41,478 43 444 Relain, Mich 41,478 43 444 Relain, Mich 41,478 43 454 Relain, Mich 41,478 43 454 Relain, Mich 41,478 44 49 66 67 7,476 Relain, Mich 41,478 43 444 Relain 41,478 44 444 Relain 41,47	From 25,000 to 50,000 inhabitants—Continued.	00 000				
New Rochelle, N. Y.  New Too, Mass.  Niagara Falls, N. Y.  Newton, Mass.  Norristown, Pa.	Madison, Wis	30,099 47,521	38	1	. 800	2.60 2.63
New Rochelle, N. Y.  New Too, Mass.  Niagara Falls, N. Y.  Newton, Mass.  Norristown, Pa.	Medford, Mass	26, 234	48	1	1.830	2.08
New Rochelle, N. Y.  New Rochelle, N. Y.  New Tool, Mass.  Niagara Falls, N. Y.  Niagara Falls, N. Y.  Nortistown, Fa.  Oak Part, III.  Ogden, Utah.  Orange, N. J.  Perth Amboy, N. J.  Pittsfield, Mass.  Roamoke, Va.  Roamoke, Va.  Roamoke, Va.  Rock Island, III.  Sale Juney, Mass.  Salem, Mass.	Montelair, N. J	26,318	27	i		3, 70
New Rochelle, N. Y.  New Rochelle, N. Y.  New Tool, Mass.  Niagara Falls, N. Y.  Niagara Falls, N. Y.  Nortistown, Fa.  Oak Part, III.  Ogden, Utah.  Orange, N. J.  Perth Amboy, N. J.  Pittsfield, Mass.  Roamoke, Va.  Roamoke, Va.  Roamoke, Va.  Rock Island, III.  Sale Juney, Mass.  Salem, Mass.	Mt. Vernon, N. Y.		56			
New Rochelle, N. Y.  New Rochelle, N. Y.  New Tool, Mass.  Niagara Falls, N. Y.  Niagara Falls, N. Y.  Nortistown, Fa.  Oak Part, III.  Ogden, Utah.  Orange, N. J.  Perth Amboy, N. J.  Pittsfield, Mass.  Roamoke, Va.  Roamoke, Va.  Roamoke, Va.  Rock Island, III.  Sale Juney, Mass.  Salem, Mass.	Muskegon, Mich	26, 100	303	6	11, 609	1.98
New Rochelle, N. Y.  New Rochelle, N. Y.  New Nom, Mass.  Niagara Falls, N. Y.  Nortistown, Pa.  Oak Park, Ill.  Ogden, Utah.  Orange, N. J.  Perth Amboy, N. J.  Pittsfield, Mass.  Roanoke, Va.  Rock Island, Ill.  Salem, Mass.   New Castle, Pa.	41, 133	34		. 827		
Quincy, III         36,798         27         190           Quincy, Mass.         38,136         249         3,6529           Roanoke, Va         43,224         119         439           Rock Island, III.         28,926         75         2,253           Salem, Mass         48,562         36         1         741           San Jose, Cal.         38,902         131         797           Steubenville, Ohio.         27,445         24         874           Superior, Wis.         46,226         67         1         1.499           Taunton, Mass.         36,223         47         2         1.285           Tulsa, Okla.         20,575         20         654           Waltham, Mass.         30,570         57         2         1.865           Waterloo, Iowa.         25,559         56         2         1.575           Wast Hoboken, N. J.         43,139         46         1.066         1.67           Wheeling, W. Va.         43,377         37         2         83           Winston-Salem, N. C.         31,155         208         5         6.676           From 10,000 to 25,000 inhabitants:         A         20,334         20<	Newport, R. I.	31,927	23			
Quincy, III         36,798         27         190           Quincy, Mass.         38,136         249         3,6529           Roanoke, Va         43,224         119         439           Rock Island, III.         28,926         75         2,253           Salem, Mass         48,562         36         1         741           San Jose, Cal.         38,902         131         797           Steubenville, Ohio.         27,445         24         874           Superior, Wis.         46,226         67         1         1.499           Taunton, Mass.         36,223         47         2         1.285           Tulsa, Okla.         20,575         20         654           Waltham, Mass.         30,570         57         2         1.865           Waterloo, Iowa.         25,559         56         2         1.575           Wast Hoboken, N. J.         43,139         46         1.066         1.67           Wheeling, W. Va.         43,377         37         2         83           Winston-Salem, N. C.         31,155         208         5         6.676           From 10,000 to 25,000 inhabitants:         A         20,334         20<	New Rochelle, N. Y	37,759	72	1	1. 907	1. 39
Quincy, III         36,798         27         190           Quincy, Mass.         38,136         249         3,6529           Roanoke, Va         43,224         119         439           Rock Island, III.         28,926         75         2,253           Salem, Mass         48,562         36         1         741           San Jose, Cal.         38,902         131         797           Steubenville, Ohio.         27,445         24         874           Superior, Wis.         46,226         67         1         1.499           Taunton, Mass.         36,223         47         2         1.285           Tulsa, Okla.         20,575         20         654           Waltham, Mass.         30,570         57         2         1.865           Waterloo, Iowa.         25,559         56         2         1.575           Wast Hoboken, N. J.         43,139         46         1.066         1.67           Wheeling, W. Va.         43,377         37         2         83           Winston-Salem, N. C.         31,155         208         5         6.676           From 10,000 to 25,000 inhabitants:         A         20,334         20<	Newton, Mass Niagara Falls, N. Y	43,715 37,353	42 24	·····i	. 643	4 17
Quincy, III         36,798         27         190           Quincy, Mass.         38,136         249         3,6529           Roanoke, Va         43,224         119         439           Rock Island, III.         28,926         75         2,253           Salem, Mass         48,562         36         1         741           San Jose, Cal.         38,902         131         797           Steubenville, Ohio.         27,445         24         874           Superior, Wis.         46,226         67         1         1.499           Taunton, Mass.         36,223         47         2         1.285           Tulsa, Okla.         20,575         20         654           Waltham, Mass.         30,570         57         2         1.865           Waterloo, Iowa.         25,559         56         2         1.575           Wast Hoboken, N. J.         43,139         46         1.066         1.67           Wheeling, W. Va.         43,377         37         2         83           Winston-Salem, N. C.         31,155         208         5         6.676           From 10,000 to 25,000 inhabitants:         A         20,334         20<	Norristown, Pa	31,401		l l		
Quincy, III         36,798         27         190           Quincy, Mass.         38,136         249         3,6529           Roanoke, Va         43,224         119         439           Rock Island, III.         28,926         75         2,253           Salem, Mass         48,562         36         1         741           San Jose, Cal.         38,902         131         797           Steubenville, Ohio.         27,445         24         874           Superior, Wis.         46,226         67         1         1.499           Taunton, Mass.         36,223         47         2         1.285           Tulsa, Okla.         20,575         20         654           Waltham, Mass.         30,570         57         2         1.865           Waterloo, Iowa.         25,559         56         2         1.575           Wast Hoboken, N. J.         43,139         46         1.066         1.67           Wheeling, W. Va.         43,377         37         2         83           Winston-Salem, N. C.         31,155         208         5         6.676           From 10,000 to 25,000 inhabitants:         A         20,334         20<	Oak Park, III Ogden, Utah	20, h54 31, 404	107	1 1	3, 980	2.80
Quincy, III         36,798         27         190           Quincy, Mass.         38,136         249         3,6529           Roanoke, Va         43,224         119         439           Rock Island, III.         28,926         75         2,253           Salem, Mass         48,562         36         1         741           San Jose, Cal.         38,902         131         797           Steubenville, Ohio.         27,445         24         874           Superior, Wis.         46,226         67         1         1.499           Taunton, Mass.         36,223         47         2         1.285           Tulsa, Okla.         20,575         20         654           Waltham, Mass.         30,570         57         2         1.865           Waterloo, Iowa.         25,559         56         2         1.575           Wast Hoboken, N. J.         43,139         46         1.066         1.67           Wheeling, W. Va.         43,377         37         2         83           Winston-Salem, N. C.         31,155         208         5         6.676           From 10,000 to 25,000 inhabitants:         A         20,334         20<	Orange, N. J.	33,080	50		1.511	2.00
Quincy, III         36,798         27         190           Quincy, Mass.         38,136         249         3,6529           Roanoke, Va         43,224         119         439           Rock Island, III.         28,926         75         2,253           Salem, Mass         48,562         36         1         741           San Jose, Cal.         38,902         131         797           Steubenville, Ohio.         27,445         24         874           Superior, Wis.         46,226         67         1         1.499           Taunton, Mass.         36,223         47         2         1.285           Tulsa, Okla.         20,575         20         654           Waltham, Mass.         30,570         57         2         1.865           Waterloo, Iowa.         25,559         56         2         1.575           Wast Hoboken, N. J.         43,139         46         1.066         1.67           Wheeling, W. Va.         43,377         37         2         83           Winston-Salem, N. C.         31,155         208         5         6.676           From 10,000 to 25,000 inhabitants:         A         20,334         20<	Oshkosh, Wis	36,065 41,185			1. 830	1. 52 3. 23
Salem, Mass. San Jose, Cal. San Jose, Cal. Steubenville, Ohio. 27, 445 24	Pittsfield, Mass		29	ī	1.010	2. 56
Salem, Mass. San Jose, Cal. San Jose, Cal. Steubenville, Ohio. 27, 445 24	Quincy, Ill	36,798 38 136		3	6, 529	1, 20
Salem, Mass. San Jose, Cal. San Jose, Cal. Steubenville, Ohio. 27, 445 24	Roanoke, Va	43, 284	1 19		. 439	
San Jose, Cal   38, 902   131   797		28,926 48 562				2. 67 2. 78
Wattrlon, Mass.       30, 570       37       2       1.575         Waterlow, Iowa.       25, 559       56       2       1.575         Waterlown, N.Y.       29, 894       5       .167         Wheeling, W. Va.       43, 139       46       .1.066         Wheeling, W. Va.       43, 377       37       2       .853         Winston-Salem, N.C.       31, 155       208       5       6.676         From 10,000 to 25,000 inhabitants:       20, 334       20       .984         Adrain, Mich.       11, 458       9       .785         Albuquerque, N. Mex       14, 625       43       3.066         Allance, Ohio       18, 960       22       1.160         Alton, Ill       22, 874       32       1       1.399         Ann Arbor, Mich       15, 010       28       1.865         Appleton, Wis.       17, 834       20       1.121         Argenta, Ark       14, 907       6       402         Asbury Park, N. J.       14, 907       25       1.785         Asheville, N. C.       20, 823       24       1.153         Bakorsfield, Cal       16, 874       8       .474         Balare, Ohio </td <td>San Jose, Cal</td> <td>38 902</td> <td>1 31</td> <td></td> <td>. 797</td> <td></td>	San Jose, Cal	38 902	1 31		. 797	
Wattrion, Mass.       30, 570       37       2       1.575         Watertown, N. Y.       29, 894       5       . 167         West Hoboken, N. J.       43, 139       46       . 1.066         Wheeling, W. Va.       43, 377       37       2       . 853         Winston-Salem, N. C.       31, 155       208       5       6.676         From 10,000 to 25,000 inhabitants:       20, 334       20       . 984         Adrain, Mich.       11, 458       9       . 785         Albuquerque, N. Mex       14, 625       43       3.066         Alexandria, Va       17, 846       62       3.474         Alliance, Ohio       18, 960       22       1.160         Alton, III       22, 874       32       1       1.399         Ann Arbor, Mich       15, 010       28       1.865         Appleton, Wis.       17, 334       20       1.121         Argenta, Ark       14, 907       6       402         Asheville, N. C       20, 823       24       1.153         Bakersfield, Cal       16, 874       8       . 474         Batavia, N. Y       13, 350       24       1.798         Beloit, Wis <td< td=""><td>Steubenville, Ohio</td><td>27,445</td><td>24 67</td><td></td><td></td><td>1. 49</td></td<>	Steubenville, Ohio	27,445	24 67			1. 49
Wattrlon, Mass.       30, 570       37       2       1.575         Waterlow, Iowa.       25, 559       56       2       1.575         Waterlown, N.Y.       29, 894       5       .167         Wheeling, W. Va.       43, 139       46       .1.066         Wheeling, W. Va.       43, 377       37       2       .853         Winston-Salem, N.C.       31, 155       208       5       6.676         From 10,000 to 25,000 inhabitants:       20, 334       20       .984         Adrain, Mich.       11, 458       9       .785         Albuquerque, N. Mex       14, 625       43       3.066         Allance, Ohio       18, 960       22       1.160         Alton, Ill       22, 874       32       1       1.399         Ann Arbor, Mich       15, 010       28       1.865         Appleton, Wis.       17, 834       20       1.121         Argenta, Ark       14, 907       6       402         Asbury Park, N. J.       14, 907       25       1.785         Asheville, N. C.       20, 823       24       1.153         Bakorsfield, Cal       16, 874       8       .474         Balare, Ohio </td <td>Taunton, Mass</td> <td>36, 283</td> <td>47</td> <td>2</td> <td>1. 295</td> <td>4. 26</td>	Taunton, Mass	36, 283	47	2	1. 295	4. 26
Berlin, N. H. 13, 599 3 221 Beverly, Mass. 21, 645 12 554 Billings, Mont 14, 422 14 971 Biomafield, N. J. 18, 466 19 1.029 Bluefield, W. Va 15, 442 5 1 324 2 Bradford, Pa 214, 544 9 619 Burlington, Vt 21, 617 3 139	Tulsa, Okla					3. 51
Berlin, N. H. 13, 599 3 221 Beverly, Mass. 21, 645 12 554 Billings, Mont 14, 422 14 971 Biomafield, N. J. 18, 466 19 1.029 Bluefield, W. Va 15, 442 5 1 324 2 Bradford, Pa 214, 544 9 619 Burlington, Vt 21, 617 3 139	Waterloo, Iowa	25, 559	56	2	1. 575	3. 57
Berlin, N. H. 13, 599 3 221 Beverly, Mass. 21, 645 12 554 Billings, Mont. 14, 422 14 971 Bloorafield, N. J. 18, 466 19 1.029 Bluefield, W. Va 15, 442 5 1 324 2 Bradford, Fa 214, 544 9 619 Burlington, Vt 21, 617 3 139	Watertown, N. Y	29,894	5 46		. 167	
Berlin, N. H. 13, 599 3 221 Beverly, Mass. 21, 645 12 554 Billings, Mont 14, 422 14 971 Biomafield, N. J. 18, 466 19 1.029 Bluefield, W. Va 15, 442 5 1 324 2 Bradford, Pa 214, 544 9 619 Burlington, Vt 21, 617 3 139	Wheeling, W. Va.	43,377	37		. 853	5. 41
Berlin, N. H. 13, 599 3 221 Beverly, Mass. 21, 645 12 554 Billings, Mont 14, 422 14 971 Biomafield, N. J. 18, 466 19 1.029 Bluefield, W. Va 15, 442 5 1 324 2 Bradford, Pa 214, 544 9 619 Burlington, Vt 21, 617 3 139	Winston-Salem, N. C	31, 155	208	5	6. 676	2.0
Berlin, N. H. 13, 599 3 221 Beverly, Mass. 21, 645 12 554 Billings, Mont 14, 422 14 971 Biomafield, N. J. 18, 466 19 1.029 Bluefield, W. Va 15, 442 5 1 324 2 Bradford, Pa 214, 544 9 619 Burlington, Vt 21, 617 3 139	Aberdeen, Wash	20,334				
Berlin, N. H. 13, 599 3 221 Beverly, Mass. 21, 645 12 554 Billings, Mont 14, 422 14 971 Biomafield, N. J. 18, 466 19 1.029 Bluefield, W. Va 15, 442 5 1 324 2 Bradford, Pa 214, 544 9 619 Burlington, Vt 21, 617 3 139	Adrain, Mich	11,458			. 785	
Berlin, N. H. 13, 599 3 221 Beverly, Mass. 21, 645 12 554 Billings, Mont 14, 422 14 971 Biomafield, N. J. 18, 466 19 1.029 Bluefield, W. Va 15, 442 5 1 324 2 Bradford, Pa 214, 544 9 619 Burlington, Vt 21, 617 3 139	Albuquerque, N. Mex	17, 846	62		3.474	
Berlin, N. H. 13, 599 3 221 Beverly, Mass. 21, 645 12 554 Billings, Mont. 14, 422 14 971 Bioorafield, N. J. 18, 466 19 1.029 Bluefield, W. Va 15, 442 5 1 324 2 Bradford, Fa 214, 544 9 619 Burlington, Vt 21, 617 3 139	Alliance, Ohio	18,960	22		1. 160	3. 13
Berlin, N. H. 13, 599 3 221 Beverly, Mass. 21, 645 12 554 Billings, Mont. 14, 422 14 971 Bioorafield, N. J. 18, 466 19 1.029 Bluefield, W. Va 15, 442 5 1 324 2 Bradford, Fa 214, 544 9 619 Burlington, Vt 21, 617 3 139	Ann Arbor, Mich	15,010	28	1	1. 865	0. 10
Berlin, N. H. 13, 599 3 221 Beverly, Mass. 21, 645 12 554 Billings, Mont. 14, 422 14 971 Bioorafield, N. J. 18, 466 19 1.029 Bluefield, W. Va 15, 442 5 1 324 2 Bradford, Fa 214, 544 9 619 Burlington, Vt 21, 617 3 139	Appleton, Wis	17, 834				<b>-</b>
Berlin, N. H. 13, 599 3 221 Beverly, Mass. 21, 645 12 554 Billings, Mont 14, 422 14 971 Biomafield, N. J. 18, 466 19 1.029 Bluefield, W. Va 15, 442 5 1 324 2 Bradford, Pa 214, 544 9 619 Burlington, Vt 21, 617 3 139	Asbury Park, N. J.	14,007	25			
Berlin, N. H. 13, 599 3 221 Beverly, Mass. 21, 645 12 554 Billings, Mont. 14, 422 14 971 Bioorafield, N. J. 18, 466 19 1.029 Bluefield, W. Va 15, 442 5 1 324 2 Bradford, Fa 214, 544 9 619 Burlington, Vt 21, 617 3 139	Asheville, N. C.	20, 823				<b>-</b>
Berlin, N. H. 13, 599 3 221 Beverly, Mass. 21, 645 12 554 Billings, Mont. 14, 422 14 971 Bioorafield, N. J. 18, 466 19 1.029 Bluefield, W. Va 15, 442 5 1 324 2 Bradford, Fa 214, 544 9 619 Burlington, Vt 21, 617 3 139	Bakersheid, Cal	13, 350	24		1. 798	
Berlin, N. H. 13, 599 3 221 Beverly, Mass. 21, 645 12 554 Billings, Mont 14, 422 14 971 Biomafield, N. J. 18, 466 19 1.029 Bluefield, W. Va 15, 442 5 1 324 2 Bradford, Pa 214, 544 9 619 Burlington, Vt 21, 617 3 139	Baton Rouge, La.	17, 176	5		. 291	20.00
Bluefield, V va	Beliaire, Unio		47			20.00
Bluefield, V va	Berlin, N. H.	13,599	3			
Bluefield, V va	Beverly, Mass	21,645 14,422	12 14	• • • • • • • •	. 554	
Bluefield, W. Va.   15, 442   5   1   324   2   2   2   2   2   3   4   2   3   4   2   3   4   2   3   4   3   4   2   3   3   3   3   3   3   3   3   3	Bloomfield, N. J.	18,466	19		1.029	
Burlington, Vt     21,617     3     139       Cairo, III.     15,794     3     190       Carbondale, Pa     19,242     50     2     2,598       Champaign, III.     14,508     29     1,999       Chickasha, Okla     15,447     10     647       Chillicothe, Ohio     15,470     20     1,293	Bradford, Pa	15,442   214,544	5 9	1	. 619	20.00
Cairo, III.     15, 794     3     190       Carbondale, Pa.     19, 242     50     2     2. 598       Champaign, III.     14, 508     29     1. 999       Chickasha, Okla     15, 447     10     .647       Chillieothe. Ohio     15, 470     20     1. 293	Burlington, Vt	21,617	3		. 139	
Champaign, III         14,508         29         1,999           Chickasha, Okla         15,447         10         .647           Chillicothe, Ohio         15,470         20         1,293	Carbondale, Pa	19. 242 1	50	•••••		4.00
Chickasha, Okla 15, 447 10 647 Chillicothe, Ohio 15, 470 20 1.293	Champaign, Ill	14 508	29		1. 999	
TARREST TARREST TO A STATE OF THE STATE OF T	Chickasha, Okia	15,447   15,470	10 20		. 647 1. 293	
Clinton, Mass. 13,075 38 2.906	Clinton, Mass.	13,075	20 38		2.906	
Coffeyville, Kans       17,548       1       .057          Concord, N. H.       22,669       18        .794	Concord N H	17.548	18		· 057	
Connellsville, Pa. 15, 455 40 2.588 Corning, N. Y. 15, 406 18 1.168	Connellsville, Pa.	15,455	40		2. 588	

<sup>&</sup>lt;sup>1</sup> The health officer states that cases are known not to be completely reported, <sup>2</sup> Population, Apr. 15, 1910,

#### SCARLET FEVER-Continued.

City.	Estimated popula- tion July 1, 1916.	Cases report- ed.	Deaths regis- tered.	Cases report- ed per 1,000 inhabit- ants.	Indi- cated fatality rate per 100 cases.
'rom 10,000 to 25,000 inhabitants—Continued.					
Cumberland (town), R. I	10,848 20,021 13,272	5		0.461	
Cumberland (town), R. I  Danville, Va.  Dover, N. H  Dubois, Pa.  Dunkirk, N. Y  East Liverpool, Ohio  Eau Claire, Wis.  Elwood, Ind  Elyria, Ohio  Escanaba Mich	20,021	8 11		.400	
Dover, N. H	13,212	49		3.341	
Dunkirk, N. Y.	14, 665 20, 743 22, 586 18, 807 211, 028	18	1	.386	12.50
East Liverpool, Ohio	22, 586	14	1	. 620	7.14
Eau Claire, Wis	18,807	30	1	1.595	3.33
Elwood, Ind	18 618	18 17		1.632	
Elyria, Ohio. Escanaba, Mich. Eureka, Cal. Farrell, Pa. Fond du Lac, Wis. Fulton, N. Y. Gardner, Mass. Grand Island, Nebr. Granite City, Ill. Greenville, S. C. Greenwich, Conn. Hackensack, N. J. Harrison, N. J. Hattiesburg, Miss.	18,618 15,485	93	4	6.006	4.30
Eureka Cal	14,684 210,190	16	1	1.090	6.2
Farrell, Pa	2 10, 190	4	2	.393	50.0
Fond du Lac, Wis	21, 113 11, 908 17, 140 12, 826	11 37		. 521 3. 107	
Cordner Macc	17, 140	49	· · · · i	2.859	2.0
Grand Island Nebr	12, 826	- 9	<u>-</u>	.702	
Granite City, Ill	15 142	7		. 462	
Greenville, S. C.	18, 181	20		1.100	
Greenwich, Conn	18, 181 19, 159 16, 945	20 10		1.044	
Hackensack, N.J	16, 950	9		.531	
Hattiesburg, Miss.	16.482	6		.361	
Helena, Mont	13, 612 22, 466	2	·····i	.147	<u>.</u>
Homestead, Pa	22,466	18	-1	.801	5.50
Hornell, N. Y	14, 685 10, 880	1 7		.643	
Ithaca N V	15, 848	60		3.786	
Jackson, Tenn	15, 848 17, 807 14, 339	3		. 168	
Janesville, Wis	14, 339	34 7		2.371	
Johnstown, N. Y.	10.648			. 657 4. 216	
Kankakee, III	14, 230 23, 530	60 30		1.274	
Harrison, N. J.  Hattiesburg, Miss.  Helens, Mont.  Homestead, Pa.  Hornell, N. Y.  Huntington, Ind.  Ithaca, N. Y.  Jackson, Tenn.  Janesville, Wis.  Johnstown, N. Y.  Kankakee, Ill.  Kearny, N. J.  Kokomo, Ind.  La Fayette, Ind.  La Salle, Ill.  Leavenworth, Kans.	14, 230 23, 539 20, 930	16		. 764	
La Favette. Ind		99	3	4.651	3.0
La Salle, Ill	12, 221	43	2	3.519	4.6
La Salle, Ill Leavenworth, Kans Lincoln, Ill Little Falls, N. Y Lockport, N. Y Logansport, Ind Long Branch, N. J Manistee, Mich Manistee, Wis	12, 221 2 19, 363 11, 838	44 36	····i	2. 272 3. 041	2.7
Lincoln, iii	13 451	8		595	2. /
Lockport, N. Y	13,451 19,879	4		. 201	
Logansport, Ind	21,046	20		950	
Long Branch, N. J	21,046 15,395 212,381	6 10		.390	
Manistee, Mich	13,805 210,365 22,734 214,610	13		.942	
Wankato Minn	2 10, 365	61		5.885	
Mansfield, Ohio	22,734	26	ļ	1.144	ļ
Marinette, Wis	114,610	5 37		.342 1.865	
Marion, ind	13,712	17		1.240	
Massillon Ohio	15,310	23	1	1.502	4.3
Manistee, Mich Manitowoc, Wis Mankato, Minn Mansfield, Ohio Marinette, Wis Marion, Ind Marshall, Tex Massillon, Ohio Mattoon, Ill Middletown, N. Y Middletown, N. Ohio Milford, Mass Monessen, Pa Morristown, N. J Muscatine, Iowa Nanttooke, Pa Montstown, N. J Muscatine, Iowa Nanttooke, Pa	19,834 13,712 15,310 12,582	181	4	14.386	2.2
Middletown, N. Y.		25 15	·····i	1.581	6.6
Middletown, Ohio	15,625	24		1.701	0.0
Managan Pa	14,110 21,630	16	i	.740	6.2
Morristown, N. J.	13, 284 17, 500	49	4	3.689	8.1
Muscatine, Iowa	17,500	2		.114	
Nanticoke, Pa	23, 126	13 7		. 562	
New Albany, Ind	23, 629 20, 562	6		.292	
North Adams Mass	<b>222 019</b>	53		2.407	
Northampton, Mass	19,926	62	2	3.112	3.2
North Tonawanda, N. Y	19, 926 13, 768 20, 951	12 8		.872 .382	
North Yakima, Wash	77 79K	16		.718	
Muscatine, Iowa Nanticoke, Pa. New Albany, Ind. Newport News, Va. North Adams, Mass Northampton, Mass North Tonawanda, N. Y. North Yakima, Wash Norwood, Ohio Olean, N. Y. Ossining, N. Y. Osswego, N. Y. Paducah, K.y. Peabody, Mass.	16,624 13,705 24,101	20	1	1.203	
Ossining, N. Y.	13, 705	25		1.824	
Oswego, N. Y.	24, 101	9		.373	
Paducah, Ky	24, 842 18, 360	19 <b>49</b>	5	2.669	10.2
Peabody, Mass. Peekskill, N. Y.	18,530	19 5		.270	
reabouy, mass. Peekskill, N. Y Phillipsburg, N. J. Piqua, Ohio. Pittston, Pa	15,605	8		. 513	
		45	1	1.060	1
Piqua, Ohio	14, 152 18, 599	15 5		269	

<sup>&</sup>lt;sup>1</sup> The health officer states that cases are known not to be completely reported. 
<sup>2</sup> Population Apr. 15, 1910.

om 10,000 to 25,000 inhabitants—Continued.  Plainfield, N. I

From 50,000 to 100,000 inhabitants:	
Augusta, Ga. 50, 245 274 5. 453	
Augusta, Ga. 50,245 274 5.453 Canton, Ohio 60,852 7	••••••
Covington, Ky	
Duluth, Minn 94, 495 38 402	
El Paso, Tex 63, 705 111 19 1.742	17.12
Erie, Pa	
Evensyille Ind 76.078 153 2.011	
Flint Mich 54,772 19 347	
Oklahoma City. Okla. 92, 943 114 1.227	
Oklahoma City, Okla	• • • • • •
St. Joseph, Mo	
San Diego, Cal	
Tampa, Fla	
Wiehité Kong   70 722   102   1 456	
From 25,000 to 50,000 inhabitants:	
Autrora, III	
Austin, Tex 34,814 27 3 .776	11.11
Dettle Creek Mich   20 480   2   100	
Beilingham, Wash 32,985 12 364	
Boise, Idaho	
Burlington Iowa. 25,030 12 479	•••••
Cedar Rapids, Iowa	• • • • • •
Clinton, Towa	
Columbia, S. C	
Council Bluffs, Iowa	•••••

Population Apr. 15, 1910.
 Cities in which no cases of this disease were reported are not included in this table.
 The health officer states that cases are known not to be completely reported.

SMALLPOX—Continued.

SWALLFOX—COIL	mueu.				
City.	Estimated popula- tion July 1, 1916.	Cases report- ed.	regis-	Cases renort- ed per 1,000 inhabit- ants.	Indi- cated fitality rate per 19) cases.
From 25,000 to 50,000 inhabitants—Continued.					
Danville, Ill	32, 261	173		5.363	
Davenport, Iowa	48,811				
Decatur, III	39,631 39,873				<b></b>
Elgin, Ill	<b>28</b> , 203	4		. 142	
Ditah hung Maga	41 781				
Green Bay, Wis. Hamilton, Ohio. Hammond, Ind	29, 353 40, 496				•••••
Hammond, Ind	26, 171	3		. 115	
	20, 101	6		. 202	
Kalamazoo, Mich. Knoxville, Tenn La Crosse, Wis.	48, 886 38, 676	6		.123	
La Crosse, Wis.	31,677	5		.158	
Longing Mich	40, 498	12		. 296	
Lexington, Ky Linçoln, Nebr	41, 097 46, 515	2 52			
Long Beach, Cal	27, 587	19		. 689	
Lorain, Ohio	36,964	1		.027	
Madison, Wis	30, 699 27, 451	2 28		.065 1.020	
Munoió Ind	25, 424	14		.157	
Muskegon Mich	26, 100	. 4		. 153	
New Castle, Pa	41, 133	2	2	.049 1.275	100.00
Oshkosh, Wis Quincy, Ill	36, 065 36, 798 43, 284 28, 926 27, 445 46, 226	46		.054	ļ
Roanoke, Va	43, 284	116		.370	
Rock Island, Ill.	28,926	75		2.593 .036	
Steubenville, Ohio	46, 226	1 16		.346	
Superior, Wis	30,070			1.864	
waterioo. 10wa	35, 559	275		7.734	
Wheeling, W. Va. Winston-Salem, N. C	43,377 31,155	1		.023	
From 10,000 to 25,000 inhabitants: Aberdeen, Wash					
Aberdeen, Wash	20,334	1 1		. 049 . 087	
Adrian, Mich. Albuquerque, N. Mex.	11, 458 14, 025 18, 960 22, 874	2		. 143	• • • • • • • • •
Alliance, Ohio.	18,960	1		. 053	
Albuquerque, N. Mex. Alliance, Ohio. Alton, Ill. Ann Arbor, Mich. Appleton, Wis Asbury Park, N. J. Asbeville, N. C.	22,874	18		. 787 . 799	
Annieton, Wis	15,010 17,834	12 3		.168	
Asbury Park, N. J	14,007	1		.071	
Asheville, N. C. Bakersfield, Cal.	20, 823 16, 874	8		. 384 . 178	
Raton Rouge, La.	17, 176	19		1.106	
Bellaire, Ohio	14,348	1		.070	
Beloit, Wis	18,072 14,422	2		.111	<b></b>
Bluefield, W. Va.	15, 442	11 1		.065	
Bellut, Wis Billings, Mont Bluefield, W. Va. Brownsville, Tex Brunswick, Ga. Champaign, Ill.	13, 163 10, 872 14, 508	1	9		
Brunswick, Ga	10,872	1 7		. 092	·····
Unickasia, Uniquesiani and an analysis of the contract of the	15,447	3		. 194	
Chillicothe Ohio	15,470	20		1.293	ļ
Coffeyville, Kans. Corning, N. Y	17, 548 15, 406	24 1		1.368 .065	
Danville. Va	20,021	1		. 050	
East Liverpool, Ohio	22,586	21		. 930	
Eau Claire, WisElwood, Ind	18,807 211,028	19 7		. 479 . 635	ļ <b>.</b>
Tirria Ohio	18,618	í		.054	
	18,618 15,485	27		1.744	
Eureka, Cal	14,684	1 144		.068 11.227	<b>-</b> -
Granite City, Ill	14, 684 12, 826 15, 142	18		1.189	
Hattiesburg, Miss.	16, 482 13, 612	1		. 061	
Helena, Mont	13,612	2 2		. 147 . 139	······
Kankakee. Ill.	14, 339 14, 230	45	1	3.162	2, 22
Kokomo, Ind	14, 230 20, 930	63		3.010	<b></b>
Escanaba, Mich. Eureka, Cal. Grand Island, Nebr. Granite City, Ill. Hattiesburg, Miss. Helena, Mont. Janesville, Wis. Kankakee, Ill. Kokomo, Ind. LaFayette, Ind.	21, 286 12, 221			. 282 164	
Leavenworth, Kans	<sup>2</sup> 19, 363	1		. 052	
Logansport, Ind	21,046			. 048	·

<sup>&</sup>lt;sup>1</sup>The health officer states that cases are known not to be completely reported. <sup>2</sup>Population Apr. 15, 1910.

#### SMALLPOX-Continued.

SMALLPUX—Con	tinued.				
City.	Estimated popula- tion July 1, 1916.	Cases report- ed.	Deaths regis- tered.	Cases report- ed per 1,000 inhabit- ants.	Indi- cated fatality rate per 100 cases.
From 10,000 to 25,000 inhabitants—Continued.  Manitowoc, Wis.  Mankato, Minn.  Marinette, Wis.  Marshall, Tex.  Mattoon, Ill.  Middletown, Ohio.  Muscatine, Iowa.  New Albany, Ind.  North Yakima, Wash.  Paducah, Ky.  Piqua, Ohio.  Pontiac, Mich.  Redlands, Cal.  Reno, Nev.  Salemi, Oreg.  San Bernardino, Cal.  Sandusky, Ohio.  Virgina, Minn.  Warren, Ohio.  Warsau, Wis.  Windows, Minn.	114,610 13,712 12,582 15,625 17,502 23,629 20,951 24,842 14,152 17,542 14,000	64 51 6 2 12 1 50 1 1 9 10 2 2 1 5 5 2 7 7 7 7		4. 636 4. 920 411. 1146 .954 .064 2. 857 .043 .362 .969 .570 .143 .067 .247 .118 .248 .263 .364 .484	
From 50,000 to 100,000 inhabitants:  Berkeley, Cal.  Brockton, Mass. Canton, Ohio. Holyoke, Mass. St. Joseph, Mo. San Diego, Cal. From 25,000 to 50,000 inhabitants: Battle Creek. Mich	57, 653 67, 449 60, 852 65, 286 85, 236 53, 330	15 131 12 11 51	7	0. 260 1. 942 . 033 . 168 . 598 . 131	13.73
St. Joseph, Mo. San Diego, Cal. From 25,000 to 50,000 inhabitants: Battle Creek, Mich Burlington, Iowa Cedar Rapids, Iowa Celdron, Iowa Davenport, Iowa Davenport, Iowa Davenport, Iowa Jackson, Mich Jackson, Mich Jackson, Mich Lorain, Ohio Moline, Ill Montclair, N. J Newton, Mass San Jose, Cal Steubenville, Ohio Waterloo, Iowa From 10,000 to 25,000 inhabitants: Alexandria, Va Bellaire, Ohio Bloomfield, N. J Cairo, Ill Cairo, Ill Cast Liverpool, Ohio Greenville, S. C Greenwich, Conn La Fayette, Ind Long Branch, N. J Massillon, Ohio Morristown, N. J Newport News, Va Norwood, Ohio Sandusky, Ohio Trinidad, Colo Warren, Ohio West Chester, Pa.	29, 480 25, 030 37, 308 27, 386 48, 811 39, 873 35, 363 28, 737 48, 886 36, 964 27, 451 26, 318 43, 715 38, 902	11 77 53 42 42 7 11 388 27 6 1 29	1 1 1 1	. 034 . 280 . 134 . 110 . 860 . 176 . 028 13.048 . 552 . 162 . 036 1, 102 . 023 . 023	20.00 100.00 3.70 100.00
Steubenville, Ohio. Waterloo, Iowa From 10,000 to 25,000 inhabitants: Alexandria, Va. Bellaire, Ohio. Bloomfield, N. J. Cairo, Ill East Liverpool, Ohio. Greenville, S. C.	38, 902 27, 445 35, 559 17, 846 14, 348 18, 466 15, 794 22, 586 18, 181 19, 159	1 10 1 1 3 42 10 2 4	1 5 2 2	.036 .281 .056 .070 .162 2.659 .443 .110	100.00 11.91 20.00 100.00

Population Apr. 15, 1910.
 Cities in which no cases of this disease were reported are not included in this table.
 The health officer states that cases are known not to be completely reported.

#### TUBERCULOSIS (PULMONARY).1

City.	Estimated population July 1, 1916.	Cases report- ed.	Deaths regis- tered.	Cases report- ed per 1,000 inhabit- ants.	Number of cases reported for each death registered.
From 50,000 to 100,000 inhabitants:					
Atlentic City N I	57, 660 50, 245 57, 653 53, 973 67, 449	102	108	1.769	
Augusta, Ga	57, 653	43	21	.746	2.05
Binghamton, N. Y	53,973	107	79	1.982	1.35
Berkeley, Cal Binghamton, N. Y Brockton, Mass Canton, Ohio	67,449	128	45	1.898	2.84
Canton, OhioCovington, Ky	60,852 57,144	2 43 30	43	.797	1.00
		184	85	1.947	2.10
Duluth, Minn Erie, Pa. Evansville, Ind Flint, Mich Fort Wayne, Ind Harrisburg, Pa Holyoke, Mass. Lancetor, Pa	75, 195 76, 078 54, 772	247	96	3. 285	2.57
Evansville, Ind	76,078	117 241	41	1.538	
Fort Wayna Ind	76, 183	54	56	4. 400	5.88
Harrisburg. Pa	72,015	204	74	2.833	2.70
Holyoke, Mass	65, 286	104	73	1.593	1.42
Lancaster, Pa	50,853	50 104	58 25	2.033	
Mobile Ala	51, 155 58, 221	103	132	2.005	4.10
Lancaster, Pa. Malden, Mass. Mobile, Ala. New Britain, Conn	53,794	97	43	1.803	2. 2
Okianoma City, Okia	92,943	11	50 76		
Passaic, N. J. Rockford, Ill. Saginaw, Mich. Schenectady, N. Y. Somerville, Mass. Troy, N. Y. V. Y.	71,744 55,185	137 2 118	40	1.910 2.138	1.80 2.95
Saginaw. Mich.	55,642	112	29	2.013	3.86
Schenectady, N. Y	99, 519 87, 039	208	46	2.090	4. 52
Somerville, Mass	87,039	166	86 148	1.907 2.477	1.9
Wichita Kane	77,916 70,722	193 74	20	1.046	1.30 3.70
Wilkes-Barre, Pa	76,776	206	27	2.683	7. 63
Yonkers, N. Y	99,838	239	113	2.394	2. 12
Wichita, Kans. Wilkes-Barre, Pa. Yonkers, N. Y. York, Pa. From 25,000 to 50,000 inhabitants:	51,656	130	15	2. 517	8.67
	27,732	21	11	. 757	1.91
Aurora, Ill	34, 204	2 4	31	;;;•	
Austin, Tex Bay City, Mich Brookline, Mass. Cedar Rapids, Iowa.	34,814 47,942	146	48	. 115 3. 045	3.04
Brookline, Mass	32,730	52	27	1.589	1. 93
Cedar Rapids, Iowa Chelsea, Mass. Columbia, S. C. Cumberland, Md Davenport, Iowa East Orange, N. J Elgin, Ill. Evanston, Ill	37,308	7	31		
Columbia S C	46, 192 34, 611	113 50	50 43	2. 446 1. 445	2. 20 1. 16
Cumberland, Md	26,074	291	21	3. 490	4.33
Davenport, Iowa	48, 811	5	2	. 102	2.50
East Orange, N. J	42, 458 28, 203	68 13	32 15	1.602	2. 13
Evanston, Ill	28, 591	15	12	. 525	1. 2
Everett, Mass	09,200	105	35	2.676	3.00
Everett, Mass Everett, Wash Fitchburg, Mass Green Bay, Wis Hammond, Ind Haverhill, Mass	35,486	33 88	26 38	. 930	1. 27 2. 32
Green Bay Wis	41,781 29,353	88 6	38 27	2. 106	2. 32
Hammond, Ind.	26.171	11	23		
Haverhill, Mass	48, 477 35, 363	83	54	1.712	1.54
Jackson, Mich.	35, 363 29, 737	142 234	30 40	4.015 7.869	4. 73 5. 83
Kalamazoo. Mich	48, 886	151	50	3.089	3.02
Kenosha, Wis	31,576	35	12	1.108	2.92
Jackson, Mich. Jackson, Miss. Kalamazoo, Mich. Kenosha, Wis. Kingston, N. Y. Knoxville, Tenn Lincoln, Nebr. Long Beach, Cal.	31,576 26,771 38,676	55	34	2.051	1.62
Lincoln Nebr	38,676 46,515	64 2 18	16	1.655 .387	1. 13
Long Beach, Cal.	27,587	17	32		
Lorain, Ohio	36.964	12	10	. 325	1.20
Lynchburg, Va	32,940 33,699	79 20	51	2.398 .684	1. 55
Long Béach, Cal. Lorain, Ohio. Lynchburg, Va Madison, Wis. McKeesport, Pa. Medford, Mass. Moline, Ill. Montclair, N. J	47.521	18	25		
Medford, Mass	47,521 26,234	26		.991	
Moline, Ill	27,451	16 60	16 23	. 583 2. 280	1.00 2.61
Muncie Ind	26, 318 25, 424	3	27	2.200	
Montclair, N. J. Muncie, Ind. Newport, Ky. Newport, R. I	31,927	110	70	3.445	1.57
Newport, R. I	30, 108	46	39	1.528	1. 18

 <sup>1</sup> Cities in which no cases of this disease were reported are not included in this table.
 2 The health officer states that cases are known not to be completely reported.

#### TUBERCULOSIS (PULMONARY)—Continued.

·					
City.	Estimated population July 1, 1916.	Cases report- ed.	Deaths regis- tered.	Cases report- ed per 1,000 inhabit- ants.	Number of cases reported for each death registered.
From 25,000 to 50,000 inhabitants—Continued.					
N Dashalla N. V	37, 759 43, 715 31, 401 26, 654	37	20 17	0.980	1.85
New Notione, N. 1  New ton, Mass  Norristown, Pa Oak Park, Ill Ogden, Utah	43,715 31,401	40 17	33	.915	2.35
Oak Park, Ill.	26,654	12	13		
Ogden, Utah	31,404	2 79	2	.064	1.00
Orangé, N. J	33,080 38,629	81	32	2.388 2.097	2.53
Quincy, Mass	38, 136	91	35	2.386	2.60
Orange Pittsfield, Mass. Quincy, Mass. Roanoke, Va Rock Island, Ill	38, 136 43, 284 28, 926	1 60 13	56 62	1.386	1.07
Salem, Mass	48, 562	76	45	1.565	1.69
San Jose, Cal	38,902	1 54	39	1.388	1.38
Salem, Mass San Jose, Cal Steubenville, Ohio. Waltham, Mass. Waterloo, Iowa. West Hoboken. N. J. Wheeling, W. Va From 10,000 to 25,000 inhabitants: Adrian, Mich. Alexandria, Va. Ann Arbor, Mich. Appleton, Wis. Asbury Park, N. J. Batavia, N. Y. Beloit, Wis. Berlin, N. H. Beverly, Mass Billings, Mont. Bloomfield, N. J.	27, 445 30, 570	3 29	13 28	. 949	1.04
Waterloo, Iowa	35,559	4	4	. 112	1.00
West Hoboken, N. J.	35, 559 43, 139	106	27	2.457	3.93
Wheeling, W. Va	43,377	25	41	•••••	••••
Adrian, Mich.	11,458	6	6	. 524	1.00
Alexandria, Va	11,458 17,846 15,010	15	15	. 841 11. 059	1.00
Ann Arbor, Mich	17,834	166 12	5	. 673	33. 20
Asbury Park, N. J.	14,007	16	9	1. 142	1.78
Batavia, N. Y	13,350	24 15		1.780	
Berlin N. H	18,072 13,599	15	13	. 830 . 294	1.15 4.00
Beverly, Mass	21,645	40	8	1.848	5.00
Billings, Mont	14,422 18,466	36	9	. 277 1. 950	4.00
Bloomfield, N. J. Bluefield, W. Va.	15,442	6	2	. 389	3.00
Cairo, Hi.	15, 794	40		2.533	
Chillicothe, OhioClinton, Mass	15,470 2 13,075	10 26	12 12	1.989	2.17
Connellsville, Pa	15,455	1	10		
C	15,406	29	20	1.882	1.45
Corning, N. 1 Danville, Va. Dover, N. H DuBois, Pa East Liverpool, Ohio Eau Claire, Wis. Elwood, Ind.	20,021 13,272	52 15	28   10	2. 597 1. 130	1.86 1.50
DuBois, Pa	14,665	4		.273	
East Liverpool, Ohio	22,586 18,807	3		. 133	•••••
Elwood Ind	211,028	1 34 5	26 5	1.808	1.31 1.00
Elwood, ma Elyria, Ohio. Escanaba, Mich Eureka, Cal Farrell, Pa.	18,618	6		. 322	
Escanaba, Mich	15,485	107	15	6.910	7.13 1.00
Farrell. Pa	14,684 2 10, 190	9	8 17	. 545	1.00
Gardner, Mass. Greenville, S. C. Greenwich, Conn Harrison, N. J. Helena, Mont.	2 10, 190 17, 140	19	8	1.109	2.38
Greenville, S. U	18, 181	1 25 25	25 17	1.375 1.305	1.00 1.47
Harrison, N. J.	19, 159 16, 950	145		2.655	1.47
Helena, Mont	13,612	14	2	. 294	2.00
Homestead, Pa	22,466 14,685	54 19	14	2.537 1.294	4.07 19.00
Huntington, Ind.	10,880	2	2 13	. 184	1.00
Ithaca, N. Y.	15,848	56	13	3.534	4.31
Janesville Wis	17,807 14,339	1 44 23	26 11	2.471 1.604	1.69 2.09
Johnstown, N. Y	10,648	31	4	2.911	7.75
Helena, Mont.  Homestead, Pa.  Hornell, N. Y.  Huntington, Ind.  Ithaca, N. Y.  Jackson. Tenn.  Janesville, Wis.  Johnstown, N. Y.  Kankakee, Ill.  Kearny, N. J.  Kokomo, Ind.  LaFayette, Ind.  La Salle, Ill.  Lincoln, Ill.	14,230	79	18 19	2 256	A 16
Kokomo, Ind.	23, 539 20, 930	1 33	26	3.356 1.577	4. 16 1. 27
LaFayette, Ind.	21, 286 12, 221	4 .		. 188	
La Salle, IllLincoln, Ill	12, 221 11, 838	17 95	17 95	1.391 8.025	1.00 1.00
Little Falls. N. Y.	13,451	31	11	2.305	2.82
Little Falls. N. Y Lockport, N. Y Logansport, Ind Long Branch, N. J	19,879	27	13	1.358	2.08
Long Branch N. J.	21,046 15,395	11 19	23 .	1.234	2. 11
AVER MIGHULL, 11. V	10,030 1	- TA	9 (	1.402	a. 11

 $<sup>^1\</sup>mbox{The health}$  officer states that cases are known not to be completely reported.  $^2\mbox{Population Apr. 15, 1910.}$ 

#### REPORTED PREVALENCE FOR THE YEAR 1916—Continued.

#### TUBERCULOSIS (PULMONARY)—Continued.

City.	Estimated population July 1, 1916.	Cases report- ed.	Deaths regis- tered.	Cases report- ed per 1,000 inhabit- auts.	Num- ber of cases report- ed for each death regis- tered.
rom 10,000 to 25,000 inhabitants—Continued. Manistee, Mich					
Manistee, Mich	1 12, 381 13, 805 1 10, 365 22, 734 1 14, 610	64	18	5. 169	3. 56
Manistee, Mich Manistevoc, Wis Mankato, Minn Mansfield, Ohio. Marinette, Wis. Marion, Ind Massillon, Ohio. Milford, Mass Monessen, Pa. Muscatine, Iowa. New Albany, Ind. Newport News. Va.	1 10 365	13	14 5	1. 254	2,60
Mansfield, Ohio	22,734	15	24		
Marinette, Wis	1 14,610	3	8		· · · · · · · · ·
Marion, Ind	19,834	2 5	18		• • • • • • • •
Massilion, Ulilo	15,310 14,110	25	20	1.772	1. 2
Monessen Pa	21,630	16	. Š	. 740	1. 25 1. 78
Muscatine, Iowa	21,630 17,500	13	13	. 743	1.00
New Albany, Ind	23,629	4	34	2. 237	
Newport News, Va. North Adams, Mass. Northampton, Mass. North Tonawanda, N. Y. North Yakima, Wash.	20,562 1 22,019	2 26	39 11	1. 181	1. 18 2. 36
Northematon Mass	19, 926	86	36	4, 316	2, 39
North Tonawanda, N. Y.	19,926 13,768 20,951	24	12	1.743	2.00
North Yakima, Wash	20,951	21	15	1.002	1.40
Olean, N. Y	16,624	28 31	16	1.684 2.262	1.78
Octor N V	13,705 24,101	62	13	2. 573	4.77
North Yakima, wash Olean, N, Y Ossining, N, Y Oswego, N, Y Peabody, Mass. Peekskill, N, Y	18,360	44	10	2. 397	4.40
Peekskill, N. Y	18,530	36	14	1.943	2. 57
Piqua, Ohio.	14, 152	10	11	. 430	• • • • • • •
Peekskill, N. Y. Piqua, Ohio. Pittston, Pa. Plainfield, N. J. Plattsburgh, N. Y. Plymouth, Pa.	18,599 23,805	54	16		3. 38
Plattsburgh, N. Y.	12,837	18	7	1.402	2. 57
Plymouth, Pa	19, 100	35	3	1.832	11.67
Pontiac, Mich	17,542	40	4 21	2. 280 2. 643	10.00 1.76
Plymouth, Pa. Pontiac, Mich. Redlands, Cal. Salem, Oreg. Santa Barbara, Cal. Sault Ste, Marie, Mich.	14,000 20,278	37 5	12	2.043	1. 70
Santa Barbara Cal	14,846	4	10		
Sault Ste. Marie, Mich.	13,919	70	7	5,029	10.00
Selma, Ala	15,626	2 37	29 5	2,368	1. 2
Southbridge, Mass	14, 205 15, 458	20 85	13	1,408 5.498	4.00 6.5
Trinidad Colo	13, 875	18	18	1. 297	1.0
Sault Ste. Marie, Mich. Selma, Ala Southbridge, Mass. Steelton, Pa. Trinidad, Colo Virginia, Minn. Warren, Ohio. Washington, Pa. Watertown, Mass Wausau, Wis. Webster, Mass. West Chester, Pa.	13,875 15,193	12	7	. 790	1.7
Warren, Ohio	13,059	3	3	. 230	1.0
Washington, Pa	21,618	40 13	27	1.850 .874	1. 4 1. 6
Watertown, Mass	14,867 19,239	3	11	.017	1.0
Webster, Mass	19, 239 13, 210	19	10	1.438	1.9
West Chester, Pa	13, 176	12	12	. 911	1.0
Westfield, Mass	18,391	34	6	1. 849 2. 214	5.6
West Urange, N. J	13,550	30 48	16 15	2. 137	1.8 3.2
Westfield, Mass Westfield, Mass West Orange, N. J. White Plains, N. Y. Winona, Minn	22, 465 1 18, 583	21	1	. 054	1.0
WINLIFOD. MISS.	12.092	13 18	4 14	1. 024 1. 127	3. 2 1. 2
Woburn, Mass	15,969	10	1 1	1.12.	
TUBERCULOSIS (ALL	FORMS).2				
rom 50,000 to 100,000 inhabitants:			l		٠.
Atlantic City, N. J	57,660 69,895	258 164	44	4. 475 2. 346	5.8
D N T	194.090	247	25	. 815	1.8
Bayonne, N. J	57 652		55	2. 165	2.6
Bayonne, N. J. Berkeley, Cal. Brockton, Mass.	57, 653 67, 449	146	1 00		
Bayonne, N. J. Berkeley, Cal. Brockton, Mass. Canton, Ohio.	57,653 67,449 60,852	51	51	. 838	1.0
Bayonne, N. J. Berkeley, Cal. Brockton, Mass. Canton, Ohio. Duluth, Minn	57, 653 67, 449 60, 852 94, 495	51 201	51	. 838 2. 127	
rom 50,000 to 100,000 inhabitants: Atlantic City, N. J. Bayonne, N. J. Berkeley, Cal. Brockton, Mass. Canton, Ohio. Duluth, Minn. Elizabeth, N. J.	57, 653 67, 449 60, 852 94, 495 86, 690 75, 195	51 201 279	51 124	. 838 2. 127 3. 218	2. 2
Bayonne, N. J. Berkeley, Cal. Brockton, Mass. Canton, Ohio. Duluth, Minn. Elizabeth, N. J. Erie, Pa.	57, 653 67, 449 60, 852 94, 495 86, 690 75, 195 76, 078	51 201 279 286	51	. 838 2. 127 3. 218 3. 803	2. 2
Bayonne, N. J Berkeley, Cal. Brockton, Mass. Canton, Ohio. Duluth, Minn. Elizabeth, N. J. Erie, Pa. Evansville, Ind. Flint. Mich.	57, 653 67, 449 60, 852 94, 495 86, 690 75, 195 76, 078 54, 772	51 201 279 286 126 245	124 125 45	. 838 2. 127 3. 218 3. 803 1. 656 4. 473	2. 2 2. 2 5. 4
Bayonne, N. J Berkeley, Cal. Brockton, Mass. Canton, Ohio. Duluth, Minn. Elizabeth, N. J Erle, Pa. Evansville, Ind. Flint, Mich. Harrisburg, Pa.	57, 653 67, 449 60, 852 94, 495 86, 690 75, 195 76, 078 54, 772 72, 015	51 201 279 286 126 245 219	124 125 45 89	. 838 2. 127 3. 218 3. 803 1. 656 4. 473 3. 041	1.0 2.2 2.2 5.4 2.4
Bayonne, N. J Berkeley, Cal Brockton, Mass. Canton, Ohio. Duluth, Minn Elizabeth, N. J Erle, Pa. Evansville, Ind Flint, Mich. Harrisburg, Pa. Hoboken, N. J Holyoke, Mass.	57, 653 67, 449 60, 852 94, 495 86, 690 75, 195 76, 078 54, 772 72, 015 77, 214 65, 286	51 201 279 286 126 245 219 252	124 125 45	. 838 2. 127 3. 218 3. 803 1. 656 4. 473	2. 2 2. 2 5. 4

Population Apr. 15, 1910.
 The health officer states that cases are known not to be completely reported.
 Cities in which no cases of this disease were reported are not included in this table.

#### TUBERCULOSIS (ALL FORMS)—Continued.

City.	Estimated population July 1, 1916.	Cases report- ed.	Deaths registered.	Cases report- ed per 1,000 inhabit- ants.	Number of cases reported for each death registered.
From 50,000 to 100,000 inhabitants—Continued.  New Britain, Conn.  Passaic, N. J.  St. Joseph, Mo.  San Diego, Cal.  Schenectady, N. Y.  Somerville, Mass.  Tampa, Fla.  Troy, N. Y.  Utica, N. Y.  Wichita, Kans.  Yonkers, N. Y.	53, 794 71, 744	100	51	1.859	1.96
Passaic, N. J.	85, 236	158 108	106 100	2. 202 1. 267	1.49 1.08
San Diego, Cal	53, 330	270	136	5.063	1.99
Schenectady, N. Y	99,519 87,039	225 187	73 108	2. 261 2, 148	3.08 1.73
Tampa, Fla	53,886 77,916 85,692	48	71 167		l
Troy, N. Y.	77, 916 85, 602	212 159	167 99	2.477 1.855	1.30
Wichita, Kans.	70, 722	86	23	1.216	1.61 3.74
Yonkers, N. Y	99, 838 51, 656	256 130	130 15	2.564 2.517	1.97
Y OIKEYS, N. Y Y OYK, Pa. From 25,000 to 50,000 inhabitants:	01,000		10		8.67
Alameda, Cal Battle Creek, Mich Brookline, Mass Chelsea, Mass	27, 732 29, 480 32, 730	28 68	20	1.010	1.40
Battle Creek, MichBrookline, Mass	32, 730	60	15 34	2.307 1.833	4.53 1.76
Chelsea, Mass.		123		2.663	
Cheisea, Mass. Danville, Ill. East Orange, N. J. Fitchburg, Mass. Hamilton, Ohio. Hammond, Ind. Haverhill, Mass. Jackson, Mich. Jackson Mics	32, 261 42, 458	1 70 82	38 36	2.170 1.931	1.84 2.28
Fitchburg, Mass	42,458 41,781 40,496	110	46	2.633	2.39
Hamilton, Ohio	40, 496 26, 171	58 11	36 24	1.432	1.61
Haverhill, Mass.	48,477	104	65	2. 145	1.60
Jackson, Mich	35, 363 29, 737	153 272	40 50	4.327 9.147	3. 82 5. 44
Kalamazoo, Mich.	48, 886	169	59	3.457	2.86
Kenosha, Wis	31,576 26,771	37 57	14 52	1. 172 2. 129	2.64 1.10
Jackson, Miss Jackson, Miss Kalamazoo, Mich Kenosha, Wis Kingston, N. Y Knoxville, Tenn La Crosse, Wis	38,676	69		1.784	1.10
La Crosse, Wis Lexington, Ky Lincoln, Nebr Long Beach, Cal Medford, Mass. Moline, Ill Montclair, N. J Mount Vernon, N. Y Muskegon, Mich New Castle, Pa Newton, Mass. Niagara Falls, N. Y Orange, N. J Oshkosh, Wis Perth Amboy, N. J Pittsfield, Mass Rock Island, Ill Salem, Mass San Jose, Cal Taunton, Mass Waltham, Mass Waltham, Mass Waltham, Mass	31,677	14 118	45		•••••
Lincoln, Nebr	41, 097 46, 515	1 19	104	2.871 .408	1.13
Long Beach, Cal	27, 587 26, 234 27, 451	18	36		
Mediord, Mass	27, 451	32 19	14 19	1. 220 . 692	2.29 1.00
Montclair, N. J	26,318	78	27	2.964	2.89
Mount Vernon, N. Y	37,009 26,100	54 85	18 13	1.459 3.257	3.00 6.54
New Castle, Pa	41, 133	40	29	. 972	1.38
Newton, Mass	43,715 37,353	52 107	25 52	1. 190 2. 865	2.08 2.06
Orange, N. J.	41, 133 43, 715 37, 353 33, 080	104	51	3.144	2.04
Oshkosh, Wis	36, 065 41, 185	41 77	25 32	1. 137 1. 870	1.64 2.41
Pittsfield, Mass.	38,629	87	33	2. 252	2.64
Rock Island, Ill	28,926	13 96	89 50	1.977	1.92
San Jose, Cal	48, 562 38, 902 36, 283	55	47	2.000	1.17
Taunton, Mass	36, 283 30, 570	83 33	80 38	2. 288	1.04
Watertown, N. Y	29,894	28	20	.937	1.40
West Hoboken, N. J.	43, 139 31, 155	111 70	32 93	2. 573	3.47
From 10,000 to 25,000 inhabitants:					
Aberdeen, Wash	20, 334 17, 846	7	7	.611	1.00
Ann Arbor, Mich	15,010	26 172	26 5	1. 457 11. 459	1.00 34.40
Appleton, Wis	17.834	30	18	1.682	1.67
Batavia, N. YBellaire, Ohio	13,350 14,348	26	22	1.948	1.18
Beverly, Mass	21, 645 18, 466	46	10	2.125	4.60
Taunton, Mass Waltham, Mass Watertown, N. Y West Hoboken, N. J Winston-Salem, N. C From 10,000 to 25,000 inhabitants: Aberdeen, Wash Alexandria, Va Ann Arbor, Mich Appleton, Wis Batavia, N. Y Bellaire, Ohio Beverly, Mass Bloomfield, N. J Bradford, Pa Brunswick, Ga	18,466 2 14,544	50 16	10	2. 125 2. 708 1. 100	1.60
Brunswick, Ga. Cairo, Ill. Carbondale, Pa.	10, 872 15, 794	46	20	4.231	2.30
Carbondale. Pa.	15, 794 19, 242	46	46	2.913	1.00
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 $<sup>^1</sup>$  The health officer states that cases are known not to be completely reported.  $^2$  Population Apr. 15, 1910.

## TUBERCULOSIS (ALL FORMS)-Continued.

City.	Estimated population July 1, 1916.	Cases report- ed.	Deaths regis- tered.	Cases report- ed per 1,000 inhabit- ants.	Num- ber of cases report- ed for each death regis- tered.
From 10,000 to 25,000 inhabitants—Continued.	17,548	24	11	1.368	2.18
Coffeyville, Kans	15, 406	53	24	3.440	2.10
Dunkirk, N. Y.	29,743	53 29	19	1.398	1.53
Escanaba, Mich. Eureka, Cal Fulton, N. Y	15, 485	108	21	6.974	5. 14
Eureka, Cal	14,684	24	24	1.634	1.00
Fulton, N. Y	11,908 17,140	29 20	13	2. 435	2. 23 1. 67
Fulton, N. Y. Gardner, Mass. Granite City, Ill. Greenville, S. C. Hackonsack, N. J. Harrison, N. J. Hartischiver, Mics	15, 142	1	12 11	1. 167	1.07
Greenville S. C.	18, 181	1 29	29	1.595	1.00
Hackensack N. J.	16, 945	23	10	1. 357	2.30
Harrison, N. J.	16,950	54		3. 186	
Hattiesburg, Miss	16,482	1 258		15. 653	
Huntington, Ind	10,880 14,779	. 2	2	. 184	1.00
Ironwood, Mich Ithaca, N. Y	14,779	44 63	14	2. 977 3. 975	4.50
Ithaca, N. I	15,848 10,648	31	4	2.911	7.75
Johnstown, N. Y Leavenworth, Kans		25	21	1. 291	1. 19
Lincoln. Ill	11,838	109	109	9. 208	1.00
Little Falls, N. Y	13,451	34	16	2. 528	2. 13
Lockport, N. Y	19,879	29	15	1.459	1. 93
Long Branch, N. J	15,395	1 23	9	1. 494	2. 56
Leavenworth, Kans Lincoln, Ill Little Falls, N. Y Lockport, N. Y Long Branch, N. J Manistee, Mich Manitowoc, Wis Middletown, N. Y Middletown, N. Y Middletown, Ohio	<sup>2</sup> 12, 381 13, 805	66 7	21 16	5. 331	3. 14
Widdletown N V	15,810	72	39	4. 554	1.85
Middletown, Ohio	15,625	. 8	22		2.00
Milford, Mass	14, 110	27	22	1.914	1. 23
Morristown, N. J.	13, 284	17	10	1. 28	1.70
Managetina Town	17,500	21	21	1. 200	1.00
Nanticoke, Pa Newport News, Va Northampton, Mass	23, 126 20, 562	23 60	12 48	. 995 2. 918	1.92 1.25
Newport News, Va	19,926	88	38	4. 416	2.32
Northampton, mass Norwood, Ohio Ossining, N. Y.	22, 286	27	14	1. 212	1. 93
Ossining, N. Y	13,705	33	2	2.408	16.50
Ossning, N. I Phillipsburg, N. J Plainfield, N. J	15,605	23	13	1. 474	1.77
Plainfield, N. J	23,805	61	29	2. 562 2. 337	2. 10 10. 25
Pontiac, Mich. Portsmouth, N. H.	17,542 11.666	41 17	4 15	1. 457	1.13
Portsmouth, N. H. Redlands, Cal Rome, N. Y.	14,000	40	31	2. 857	1. 29
Rome, N. Y.	23,737	186	111	7.836	1.68
Rome, N. 1 Salem, Oreg Sanduşky, Ohio	20,278	7	17		
Sandusky, Ohio	20, 193	21	21	1.040	1.00
Santa Barbara, Cal. Saratoga Springs, N. Y. Spartanburg, S. C.	14,846	6 43	12 25	3. 111	1.72
Saratoga Springs, N. 1	21 365	6	49	3. 111	1.12
Theiridad Colo	13,875	20 20	20	1.441	1.00
Uniontown, Pa. Virginia, Minn.	13, 821 21, 365 13, 875 20, 780	1 14		. 674	
Virginia, Minn	15, 195	14	7	.921	2.00
	13,059	11	5	. 842	2. 20 4. 50
Warren, Pa Washington, Pa	14,737 21,618	63 41	14 32	4. 275 1. 897	1. 28
	14,867	17	11	1. 144	1.55
Wankagan III	20, 244	7	20		
Webster Mass	13,210	21	12	1. 590	1.75
Westfold Wood	18,391	37	7	2.012	5. 29
West New York N. J.	18,773	70	•••••	3.729	1 69
West Orange, N. J White Plains, N. Y	13,550 22,465	31 83	19 22	2. 288 3. 695	1.63 3.77
White Plains, N. Y. Winthrop, Mass.	12, 692	16		1. 261	
Windirop, mass	15,969	19	14	1. 190	1.36
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The health officer states that cases are known not to be completely reported.
 Population April 15, 1910.

#### TYPHOID FEVER.1

_City.	Estimated popula- tion July 1, 1916.	Cases report- ed.	Deaths regis- tered.	Cases report- ed per 1,000 inhabit- ants.	Indicated fatality rate per 100 cases.
From 50,000 to 100,000 inhabitants: Atlantic City, N. J	F7 660	76	٠.,	1.318	14.47
Atlantic City, N. J.	57, 660 50, 245	33	11 17	.657	14.47 51.52
Bayonne N. J.	69, 895	9		.129	01.02
Berkeley, Cal.	57, 653 53, 973	17	4	. 295	23.53
Binghamton, N. Y	53,973	20 23	6	.371	30.00
Atlantic city, N Augusta, Ga. Bayonne, N. J Berkeley, Cal. Binghamton, N. Y Brockton, Mass. Canton, Ohio.	67, 449 60, 852	23 55	2 7	. 341 . 838	8.70 12.73
Canton, Onio. Covington, Ky Duluth, Minn. Elizabeth, N. J. El Paso, Tex Erie, Pa. Evansville, Ind.	57, 144	33	9	.577	27, 27
Duluth, Minn	94,495	33 82	5	. 868	6. 10 8. 33
Elizabeth, N. J.	86,690	24	2	. 277	8.33
El Paso, Tex	63, 705	50 36	29 5	. 785 . 479	58.00 13.89
Ene, Pa	75, 195 76, 078	200		2. 629	19.09
Evansville, Ind Flint, Mich. Fort Wayne, Ind Harrisburg, Pa Hoboken, N. J. Holyoke, Mass. Lancaster, Pa Malden, Mass. Manchester, N. H Mobile, Ala New Britain. Conn	54, 772	227	26	4. 144	11.45
Fort Wayne, Ind	76, 183 72, 015 77, 214	48	8	. 630	16.67
Harrisburg, Pa	72, 015	402	55 2	5. 582	13.68
Hoboken, N. J.	65, 286	15 8	2	. 194 . 123	13. 33 25. 00
Lancaster Pa	50, 853	38	8	.747	21.05
Malden, Mass	51, 155 78, 283	15	4	. 293	26.67
Manchester, N. H.	78, 283	9	3	. 115	33.33
Mobile, Ala	58, 221	63 23	15	1.082 .428	23. 81 8. 70
New Britain, Conn	53, 794 92, 943	41	7	.441	17. 07
Passaic, N. J.	71,744	8	2	. 112	25, 00
Pawtucket, R. I.	59.411	6	3	. 101	50.00
Portland, Me	63,867	115	12	1.801	10, 43
Motile, Alia New Britain, Conn Oklahoma City, Okla. Passaic, N. J. Pawtucket, R. I. Portland, Me. Rockford, Ill Socious Mich	55, 185	12 78	15	217 1. 402	19.23
St Joseph Mo	55, 642 85, 236	20	19	. 235	45.00
Rockford, III Saginaw, Mich. St. Joseph, Mo. San Diego, Cal. Schenectady, N. Y Somerville, Mass.	85, 236 53, 330	38	5	. 713	13. 16
Schenectady, N.Y	99, 519	32	4	. 322	12.50
Somerville, Mass	87, 039	16	1 9	. 184 1. 949	6.25
Tampa, Fla Troy, N. Y. Utica, N. Y. Wichita, Kans.	53, 886 77, 916	105 50	10	. 642	8.57 20.00
Utica N. Y	85, 692	14	1	. 163	7.14
Wichita, Kans	85,692 70,722	81	3	1.145	3.71
Wilkes-Barre, Pa. Yonkers, N. Y.	76,776	38	4	. 495	10.53
Yonkers, N. Y	99, 838 51, 656	16 64	7	. 160 1. 239	6. 25 10. 94
From 25,000 to 50,000 inhabitants:	51,000	٠.	٠,۱	1.200	10.01
Alameda, Cal.	27,732	18		. 649	•••••
Aurora, Ill.	31,201	24	4	.702	16.67
Austin, Tex	34,814 29,480	<sup>2</sup> 19 18	13	. 546 . 611	68. 42 11. 11
Bay City, Mich	47, 942	186	21	3.880	11. 29
Bellingham, Wash	47, 942 32, 985	4		. 121	•••••
Boise, Idaho.	33,846	6		. 177	• • • • • • •
Brookline, Mass	32,730	5 20	5	. 153	25.00
Central Falls R I	25, 636	6	٠	. 234	20.00
Chelsea, Mass.	37, 308 25, 636 46, 192 34, 611	29	3	. 628	10.35
Columbia, S. C.	34,611	<sup>2</sup> 67	12	1.936	17.91
Cranston, R. I.	20,001	50	3	. 192 1. 918	6.00
Danvilla III	26, 074 32, 261	43	6	1. 333	13.95
Davenport, Iowa	32, 261 48, 811	13		. 266	
Decatur, Ill	39,631	27	7	. 681	25.93
Wilkes-Barre, Pa Yonkers, N. Y York, Pa From 25,000 to 50,000 inhabitants: Alameda, Cal. Aurora, Ill. Austin, Tex. Battle Creek, Mich Bay City, Mich Beilingham, Wash Beilingham, Wash Boise, Idaho. Brookline, Mass Cedar Rapids, Iowa Central Falls, R. I Chelsea, Mass. Columbia, S. C Cranston, R. I Cumberland, Md Danville, Ill. Davenport, Iowa Decatur, Ill. Dubuque, Iowa East George, N. I	39,873	2 9	6 .		•••••
East Orange, N.J	42, 458 28, 203	218	4	. 212 7. 730	1.83
Decatur, III. Dubuque, Iowa. East Orange, N. J. Eigin, III. Everett, Mass. Everett, Wash. Fitchburg, Mass.	28, 203 39, 235 35, 486 41, 781	16		. 408	
Everett, Wash	35, 486	16 13	2	. 366	15.38
Fitchburg, Mass.	41,781	13	3	.311	23.08
Hamilton Ohio	29, 353 40, 496	3 44	3 7	1.087	100.00 15.91
Hammond, Ind	26, 171	82	27	3. 133	32.93
Haverhill, Mass	48, 477	15	4	. 309	26.67
Fitchburg, Mass. Green Bay, Wis. Hamilton, Ohio. Hammond, Ind. Haverhill, Mass. Hazleton, Pa. Jackson, Mich	28, 491	13	4	. 456	30.77
Jackson, Mich	35, 363 29, 737	30 75	6	. 848 2. 522	20. 00 12. 00
FOURAUM, BLISS	20,101	10'	σ'	n. 044 .	12.00

 $<sup>^1</sup>$  Cities in which no cases of this disease were reported are not included in this table.  $^2$  The health officer states that cases are known not to be completely reported.

#### TYPHOID FEVER-Continued.

City.	Estimated popula- tion July 1, 1916.	Cases report- ed.	Deaths regis- tered.	Cases report- ed per 1,000 inhabit- ants.	Indicated fatality rate per 100 cases.
				i	
From 25,000 to 50,000 inhabitants—Continued. Kalamazoo, Mich		ـــ			
Kalamazoo, Mich	48,886	43	3	0.880	6.98
Kenosha, Wis	31,576 26,771	20	5	. 633	25.00
Kingston, N. Y	20,771	56 61	5	2.092	8.93
Knoxville, Tenn	38,676 31,677	2		1.577	•••••
La Crosse, Wis	40, 498	114		2.815	7.02
Lansing, Mich	41 037	50	8 7	1. 217	14.00
Lincoln Nahr	41,097 46,515 27,587	33	7 7	. 703	21. 21
Long Reach Cal	27, 587	19	3	. 689	15. 79
Lorain, Ohio	36,964	14	5	. 379	35.71
Lynchburg, Va	32, 940	90	11	2. 732	11.11
McKeesport, Pa	47, 521 26, 234	50	8	1.052	16.00
Medford, Mass	26, 234	9		. 343	
Moline, Ill	27, 451	97	8	3.534	8.25
Montclair, N. J	26,318	8 15	2	. 304	10.00
Mount Vernon, N. Y	37,009	137	5	1.455	13.33
Muncle, Ind	25, 424 26, 100	-37	, ,	. 153	13.51
New Coctle Po	41, 133	60	5	1.459	8.33
Newport Ky	31,927	ĭ9	4	. 595	21.05
Newport R. I	30, 108	10	ī	. 332	10.00
Lorain, Ohio. Lynchburg, Va. McKeesport, Pa. Medford, Mass. Moline, Ill. Montclair, N. J. Mount Vernon, N. Y. Muncie, Ind. Muskegon, Mich. New Castle, Pa. Newport, K. J. Newport, R. I. New Rochelle, N. Y. Newton, Mass. Niagara Falls, N. Y. Norristown, Pa. Oak Park, Ill. Ogden, Utah. Orange, N. J.	37,759	7		. 185	
Newton, Mass	37,759 43,715	26	1	. 595	3.85
Niagara Falls, N. Y	37, 353	16	5	. 428	31.25
Norristown, Pa	31,401	41	4	1.306	9. 76
Oak Park, Ill	26,654	20	2	. 750	10.00
Ogden, Utah	31,404	6	· · · · · · · <u>.</u> •	. 191	
Orange, N. J	33,080	14 25	5 2	. 423	35.71 8.00
UShkosh, Wis	36,065 41,185	9	í	. 219	11.11
Dittefald Moss	38,629	10	•	. 259	11.11
Ogden, Utan. Orange, N. J. Oshkosh, Wis Perth Amboy, N. J. Pittsfield, Mass. Quincy, Ill Quincy, Ill Quincy, Mass.	26, 208	7	2	.190	28.57
Quincy Mass	38, 136	ġ		. 236	
Roanoke, Va.	43, 284	170	7	1.617	10.00
Rock Island, Ill	28,926	16	4	. 553	25.00
Salem, Mass	48, 562	5	3	.103	60.00
San Jose, Cal	38,902	111	2 7	. 283	18.18
Steubenville, Ohio	27,445	9	7	.328 .779	77. 78 19. 44
Superior, Wis	46, 226 36, 283 30, 575	36 10	í	.276	10.00
Tallroon, mass	30, 203	39	16	1. 276	41.03
Waltham Mass	30, 570	9	ĩ	. 294	11.11
Watertown, N. Y.	29,894	31	3	1.037	9.68
Wheeling, W. Va	43,377	84	12	1.937	14.29
Winston-Salem, N. C	31, 155	179	11	5.745	6.15
From 10,000 to 25,000 inhabitants:	11 450	10		1 105	99.00
Quincy, Mass. Roanoke, Va Rock Island, Ill Salem, Mass. San Jose, Cal Steubenville, Ohio. Superior, Wis. Tauncon, Mass Tulsa, Okla Waltham, Mass. Watertown, N. Y. Wheeling, W. Va. Winston-Salem, N. C. From 10,000 to 25,000 inhabitants: Adrian, Mich.	11,458 14,025	13 29	3	1.135 2.068	23.08 3.45
Albuquerque, N. Mex	17,846	29	6	1.121	30.00
Alliance Ohio	18,960	3	i	.158	33.33
Alton III	22, 874	13	4	.568	30.37
Ann Arbor Mich	22,874 15,010	107	8	7.123	34.40
Appleton, Wis	17,834	2		.112	
Asbury Park, N. J	14,007	9		.643	
Asheville, N. C.	20,823	5		. 240	
Bakersfield, Cal	16,874	23		1.363	8.70
Batavia, N. Y	13,350	46 20	4 2	3. 446 1. 394	10.00
Bellaire, Ohio	14,348 18,072	6		.332	10.00
Beloit, Wis	13,599	ĭ	••••••	.074	
Reverly Mass	21,645	17	····i	.785	5.88
Billings Mont.	14, 422	5		.347	
Bloomfield, N. J.	18,466	3		. 162	
Bluefield, W. Va	15,442	7	1	. 453	14.29
Bradford, Pa	15, 442 2 14, 544 10, 872	13	1	. 894	7.69
Brunswick, Ga	10,872	26	3 1	2.391	11.54
Burlington, Vt	21,617	· 5	1	. 231 . 127	20.00
Winston-Salem, N. C. From 10,000 to 25,000 inhabitants: Adrian, Mich. Albuquerque, N. Mex. Alexandria, Va. Alliance, Ohio. Alton, Ill. Ann Arbor, Mich. Appleton, Wis. Asbury Park, N. J. Asheville, N. C. Bakersfield, Cal. Batavia, N. Y. Bellaire, Ohio. Beloit, Wis. Berlin, N. H. Beverly, Mass. Billings, Mont. Biloomfield, N. J. Bluefield, N. Va. Bradford, Pa. Brunswick, Ga. Burlington, Vt. Cairo, Ill. Cerbondale, Pa.	15, 794	6	····i	.312	16.67
Carbondale, Pa	19,242 14,508	13		.896	
Chillicothe Ohio	15, 470	22	2	1.422	9.09
· VIIIIIIOVALE, VIIIV	,		-		_

<sup>&</sup>lt;sup>1</sup>The health officer states that cases are known not to be completely reported. <sup>3</sup> Population Apr. 15, 1910.

#### TYPHOID FEVER-Continued.

City.	Estimated popula- tion July 1, 1916.	Cases report- ed.	Deaths regis- tered.	Cases report- ed per 1,000 inhabit- ants.	Indi- cated fatality rate per 100 cases.
From 10,000 to 25,000 inhabitants—Continued.	1 13, 075	. 1		0.076	
Clinton, Mass. Coffeyville, Kans Concord, N. H. Connellsville, Pa. Corning, N. Y. Cumberland, R. I	17,548	53	6	3.020	11.32
Concord, N. H.	17,548 22,669	. 8	1	. 353	12.50
Connellsville, Pa	15,455	16 34	4	1.035 2.207	11.77
Cumberland, R. I	15, 455 15, 406 10, 848	1		. 092	1
Danville, Va. Dover, N. H. Du Bois, Pa. Dunkirk, N. Y. East Liverpool, Ohio	20,021	45	1	2. 248	2. 22
Dover, N. H.	13, 272 14, 665	5 49	1	.377 3.341	20.00
Dunkirk, N. Y	14,665 20,743 22,586	2 10	2	. 482	20.00
East Liverpool, Ohio	22,586	19	9	. 841	47. 37
East Liverpool, Ohio Eau Claire, Wis Elwood, Ind Elyria, Ohio. Escanaba, Mich Eureka, Cal Farrell, Pa. Fond du Lac, Wis Fulton, N. Y Gardner, Mass. Granite City, Ill Greenville, S. C. Greenwich, Conn	18, 807 1 11, 028	10 1	1	. 532 . 091	10.00
Elwood, Ind	18,618	9		. 483	100.00
Escanaba, Mich	15, 485 14, 684	13	6	. 840	46. 15
Eureka, Cal	14,684	1		.068	02 22
Ford du Lee Wie	1 10, 190 21, 113	6 4	5 1	. 589 . 189	83. 33 25. 00
Fulton, N. Y	21, 113 11, 908 17, 140	14	3	1. 176 . 817	21.43
Gardner, Mass	17, 140	14	2	. 817	14. 29
Granite City, Ill	15, 142 18, 181	6 15	2 1	. 396	33. 33 6. 67
Greenwich Conn	19, 159	7		. 365	0.00
Hackensack, N. J.	16, 945 16, 950	18	1	1.062	5. 56
Harrison, N. J.	16,950	<sup>2</sup> 1 61		. 059 3. 701	
Helena Mont	16,482 13,612	22	4	1.616	18.18
Homestead, Pa.	22,466	5	2	. 223	40.00
Hornell, N. Y.	14,685	8	1 3	. 545	12. 50 12. 50
Huntington, Ind	10, 880 14, 779	24	2	2. 206 . 609	12. 50 22. 22
Greenville, S. C. Groenwich, Conn Hackensack, N. J. Harrison, N. J. Hattiesburg, Miss Helena, Mont Homestead, Pa. Hornell, N. Y. Huntington, Ind Ironwood, Mich Ithaca, N. Y. Jacksom, Tenn	15,848	19	1	1.199	5. 26
Jackson, Tenn.	17 9417 (	2 28	3	1.572	10.71
Janesville, Wis Johnstown, N. Y Kankakee, Ill Kearny, N. J	14,339	1 3		. 070	•••••
Kankakee, Ill	10,648 14,230	32	4	2. 249	12.50
Kearny, N. J.	23,539	6	1	. 255	16.67
Kokomo, Ind. La Fayette, Ind. La Salle, Ill. Leavenworth, Kans	20,930	28 12	6	1.338 .564	21. 43 16. 67
La Salle, III	21, 286 12, 221 19, 363	25	2 3	2.046	12,00
Leavenworth, Kans	1 19, 363	10	1	. 516	10.00
Lincoln, Ill. Little Falls, N. Y Lockport, N. Y Logansport, Ind. Long Branch, N. J Manistee, Mich	11,838	60 15	13 1	5.608 1.115	21. 67 6. 67
Lockport, N. Y	13, 451 19, 879	60	5	3. 018	8. 33 26. 32
Logansport, Ind.	21,046 15,395 112,381	19	5	. 903	26. 32
Long Branch, N. J	15,395	7 15	····· <sub>2</sub> ·	. 455 1. 212	13. 33
Manitowoc, Wis.	13,805	10 l	ĩ	. 724	10.00
Manitowoc, Wis. Mankato, Minn Mansfield, Ohio. Marinette, Wis.	110.365	4		. 386	
Mansfield, Ohio	22,734	12 12	····i	. 528 . 821	8. 33
Marion, Ind	22,734 114,610 19,834		2	. 454	22. 22
Mastion, Ind Massillon, Ohio Mattoon, Ill Middletown, N. Y. Middletown, Ohio Millord, Mass.	15.310	9 5 8	····i	. 327	
Mattoon, III	12, 582 15, 810	8	1	. 636 . 316	12.50 20.63
Middletown, Ohio.	15, 625	3		. 192	20.00
Milford, Mass.	14, 110	6 1		. 425	
Monessen, Pa.	21,630	52 17	1	2. 404 1. 280	1. 92 11. 76
Nanticoke, Pa	13, 284 23, 126	2	2 2 4 2 4 2 5 2 1	.096	100.00 17.39
New Albany, Ind	23,629	23	4	. 973	17.39
Newport News, Va	23, 629 20, 562 122, 019	62	2	3. 015 1. 226	3. 23 14. 81
Northampton, Mass.	19 926 1	27 12	2	. 602	16.67
North Tonawanda, N. Y	13, 768	53 23	5	3, 850	9. 43 8. 70
North Yakima, Wash	13, 768 20, 951 22, 286	23	2	1.098	8, 70 12, 50
Monessen, Pa. Morristown, N. J. Nanticoke, Pa. New Albany, Ind. Newport News, Va. North Adams, Mass North Tonawanda, N. Y. North Yakima, Wash Norwood, Ohio. Olean, N. Y. Ossining, N. Y. Oswego, N. Y. Paducah, Ky.	22,286 16,624	16	'	. 962	
~	12 205	3	····i	. 219	33, 33
Ossining, N. Y	13, 705 24, 101 24, 842	4	î	.166	25.00

Population Apr. 15, 1910.
 The health officer states that cases are known not to be completely reported.

#### TYPHOID FEVER-Continued.

City.	Estimated popula- tion July 1, 1916.	Cases report- ed.	Deaths regis- tered.	Cases report- ed per 1,000 inhabit- ants.	Indi- cated fatality rate per 100 cases.
			i		
rom 10,000 to 25,000 inhabitants—Continued.		l		l	
rom 10,000 to 25,000 milabitants—continued.	18,360	6	1	0.327	16, 6
Peabody, Mass	18,530	15	3	.809	20.0
Peekskill, N. Y	15,605	3	9	.192	20.0
Phillipsburg, N. J.	14, 152	1 24			
Piqua, Ohio.		2	3	1.696	12. 5
Pittston, Pa. Plainfield, N. J.	18,599			. 108	
Plainfield, N. J.	23, 805	6	2	. 252	33.3
Plattsburgh, N. Y	12,837	13	2	1.013	15.3
Plymouth, Pa	19, 100	11	1	. 576	9.0
Pontiac, Mich Portsmouth, N. H.	17,542	8	3	. 456	37. 5
Portsmouth, N. H	11,666	1	1	.086	100.0
Redlands, Cal	14,000	10	1	. 714	10.0
Reno, Nev	14,869	17	2	1.143	11.7
Riverside, Cal	19, 763	6	1	.304	16.6
Rome, N. Y.	23, 737	14	2	. 590	14.2
Rutland, Vt.	14, 831	8		. 539	
Salem, Oreg	20, 278	14	3	.690	21.4
San Bernardino, Cal	16, 945	13	2	.531	22. 2
Can dealer Ohio	20, 193	8	2	396	25.0
Sandusky, Ohio	14.846	12	2	.808	16.6
Santa Barbara, Cal	14,040	12	_	.069	10.0
Santa Cruz, Cal Saratoga Springs, N. Y Sault Ste. Marie, Mich.	14,594		3		
Saratoga Springs, N. Y	13,821	13		. 941	23.0
Sault Ste. Marie, Mich	13, 919	26	1	1.868	3.8
Selma, Ala	15,626	1 34	7	2.176	20. 5
Southbridge, Mass	14, 205	1	<u>.</u> .	.070	
Spartanburg, S. C	21,365	28	7	1.311	25.0
Steelton, Pa	15,458	57		3.687	
Stillwater, Minn	2 10, 198	3		. 294	
Trinidad, Colo	13,875	13	2	. 937	15.3
Uniontown, Pa	20,780	23		1.107	
Virginia, Minn.	15, 193	11	4	. 921	36.3
Warren, Ohio.	13,059	44	5	3, 369	11.3
Warren, Pa.		9		. 611	
Washington, Pa.	21,618	42	3	1.943	7.1
Watertown, Mass	14, 867	11	•	. 740	
Wavelenger [1]	20, 244	8	3	. 395	37. 5
Waukegan, Ill. Wausau. Wis	19, 239	23	J	1. 195	51.5
		6	• • • • • • • •	. 454	
Webster, Mass	13, 210	3	7	. 202	
West Chester, Pa	13, 176	8	3	. 435	37. 5
Westfield, Mass.	18,391		3		31.3
White Plains, N. Y	22,465	16		. 712	
	2 18, 583	7		.377	
Winona, Minn	15,969	6		.376	

The health officer states that cases are known not to be completely reported.
 Population Apr. 15, 1910.

# 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 August 18, 1917.

The California State Board of Health reported concerning the status of preventable diseases in California for the week ended August 18, 1917, as follows: Two cases of anthrax in man were notified in Kern County, where three large herds of cattle are infected. Three cases of poliomyelitis were reported, one each at San Francisco, Burlingame, and Santa Rosa. Thirty-six cases of typhoid fever were notified, 14 of which occurred in Los Angeles. Nine of these were not of local origin. Diphtheria increased, 25 cases having been reported. Ten of these cases occurred in San Francisco. Five cases of smallpox were notified in Fresno County. Other communicable diseases show a reduction.

The details of notifiable disease cases reported during the week ended August 11 are as follows:

C	ases.		Cases.
Anthrax	2	Pneumonia	. 25
Cerebrospinal meningitis	4	Poliomyelitis	. 2
Chicken pox	15	Ophthalmia neonatorum	. 1
Diphtheria	24	Scarlet fever	. 31
Dysentery	2	Syphilis	. 25
Erysipelas	5	Tetanus	. 2
German measles	21	Trachoma	. 1
Gonococcus infection.	28	Tuberculosis	. 74
Malaria	22	Typhoid fever	. 31
Measles.	100	Whooping cough	. 73
Mumns	55		

#### ANTHRAX.

### New Jersey-Jersey City.

A case of anthrax was notified July 6, 1917, in Jersey City, N. J. The patient was a freight handler and had been unloading hides from railway cars.

### ANTHRAX—Continued.

#### Texas-Victoria.

A case of anthrax was notified in Victoria, Tex., July 2, 1917. The patient had been engaged in the work of skinning cattle which had died from anthrax.

#### CEREBROSPINAL MENINGITIS.

## State Reports for July, 1917.

Place.	New cases reported.	Place.	New cases reported.
Maryland: Baltimore City Baltimore County Sparrow Point Relay Govanstown Total  New York: Broome County Erie County Niagara County Onondaga County Oswego County Westchester County Total  Ohio: Brown County Crawford County Crawford County Crawford County Delaware County Delaware County Familiton County Hamilton County Hamilton County	1 1 1 8 1 3 2 1 1 1 1 9	Ohio—Continued. Logan County Lucas County Mahoning County Stark County  Total  Pennsylvania: Allegheny County Beaver County Cambria County Delaware County Luzerne County Luzerne County Montgomery County Philadelphia County Washington County Westmoreland County Total  Wisconsin: Barron County Milwaukee County	266 217 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Huron CountyJefferson County		Total	5

# City Reports for Week Ended Aug. 4, 1917.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Baltimore, Md. Boston, Mass Chicago, Ill. Cincinnati, Ohio. Dayton, Ohio. Duluth, Minn. Elizabeth, N. J. Hartford, Conn. Indianapolis, Ind. Lexington, Ky. Little Rock, Ark. Milwaukee, Wis Newark, N. J. New Bedford, Mass.	2 10 1 1 1 2 2 2 2 1	3 2 1 1	New York, N. Y. Norristown, Pa. North Adams, Mass. Oakland, Cal Orange, N. J. Passaic, N. J. Philadelphia, Pa Pittsburgh, Pa. Pittsfield, Mass. Portsmouth, N. H. St. Louis, Mo. San Francisco, Cal. Springfield, Mass.	1 1 2 1 1 1 1	1

#### DIPHTHERIA.

See Diphtheria, measles, scarlet fever, and tuberculosis, page 1388.

#### ERYSIPELAS.

# City Reports for Week Ended Aug. 4, 1917.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Boston, Mass Buffalo, N. Y Chicago, Ill Cleveland, Ohio Cumberland, Md Detroit, Mich Grand Rapids, Mich McKeesport, Pa Newark, N. J	3 1 3	1	New Orleans, La New York, N. Y Philadelphia, Pa Pttsburgh, Pa Portland, Oreg Rochester, N. Y St. Louis, Mo. San Francisco, Cal Trenton, N. J	7	4 2

## MALARIA.

### State Reports for July, 1917.

Place.	New cases reported.	Place.	New cases reported.
Maryland: Charles County— Bolton, R. D. Malcolm, R. D. White Plains. Frederick County— Brunswick. Somerset County— Westover. Total.	1 1 1 1 1 5	Pennsylvania: Chester County Westmoreland County Total Wisconsin: Fond du Lac County	

# City Reports for Week Ended Aug. 4, 1917.

· Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Boston, Mass Columbia, S. C. Kansas City, Mo. Little Rock, Ark Memphis, Tenn.	1 2	i	Nashville, Tenn New York, N. Y Oakland, Cal Savannah, Ga Worcester, Mass	1	1

# MEASLES.

See Diphtheria, measles, scarlet fever, and tuberculosis, page 1388.

## PELLAGRA.

# State Reports for July, 1917.

Place.	New cases reported.	Place.	New cases reported.
Maryland: Allegany County— Westernport. Dorchester County— Lower Hoopers Island Fishing Creek Total.	1 1 1 3	Pennsylvania: Philadelphia County	1

#### PELLAGRA—Continued.

## City Reports for Week Ended Aug. 4, 1917.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Austin, Tex Birmingham, Ala. Charleston, S. C. Columbia, S. C. Kalamazoo, Mich Kansas City, Mo. Lexington, Ky. Little Rock, Ark Los Angeles, Cal. Memphis, Tenn	1 1	1 1 1	Mobile, Ala. Nashville, Tenn New Orleans, La New York, N. Y Richmond, Va Rutland, Vt San Diego, Cal Washington, D. C. Wilmington, N. C. Winston-Salem, N. C.	1 1 3 1 1	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.

#### Hawaii-Plague-Infected Rats Found.

The finding of two plague-infected rats in Hawaii was reported on August 15; one was found in a mill camp at Paauhau and the other in a store camp at Kukaiau.

# PNEUMONIA. City Reports for Week Ended Aug. 4, 1917.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Baltimore, Md. Boston, Mass Chelses, Mass Chicago, Ill Cleveland, Ohio Detroit, Mich Erie, Pa Evansville, Ind Fall River, Mass Grand Rapids, Mich	1 34 6 3 1 2	44	Los Angeles, Cal. Manchester, N. H. Newark, N. J. Philadelphia, Pa. Pittsburgh, Pa. Reading, Pa. Rochester, N. Y. San Diego, Cal. San Francisco, Cal. Worcester, Mass.	16 7	1 6 24 9

#### POLIOMYELITIS (INFANTILE PARALYSIS).

### State Reports for July, 1917.

Place.	New cases reported.	Place.	New cases reported.
Maryland: Baltimore City. Allegany County— Barton, R. D. Mount Savage. Cumberland. Green Ridge, R. D. Eckhart Mines. Anne Arundel County— Iake Shore, R. D. Baltimore County— Highlandtown. Dorchester County— Federalsburg, R. D. Garrett County— Merrill. Worcester County— Pocomoke City, R. D.	1 1 1 1 1 1 1 2	New York:  Albany County Cattaraugus County. Chatauqua County Columbia County Eric County Jefferson County Niagara County Orange County St. Lawrence County Saratoga County Total  Ohio: Belmont County Cuyahoga County Defiance County Franklin County Guernsey County Jefferson County	2 1 5 1 1 2 1 24

## POLIOMYELITIS (INFANTILE PARALYSIS)—Continued.

## State Reports for July, 1917—Continued.

Place.	New cases reported.	Place.	New cases reported.
Ohio—Continued.  Mahoning County.  Monroe County.  Montgomery County.  Perry County.  Pickaway County.  Portage County.  Stark County  Summit County  Tuscarawas County  Wood County.  Total  Pennsylvania:  Allegheny County  Beaver County.  Butler County.  Chester County.  Crawford County.	2 1 1 2 2 2 2 2 43 6 1 1	Pennsylvania—Continued. Dauphin County. Lancaster County. Lawrence County. Luzerne County. Mercer County. Philadelphia County. Vonango County.  Total  Wisconsin: Barron County. Chippewa County. Dane County. Oneida County. Portage County. Total	41

### City Reports for Week Ended Aug. 4, 1917.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Akron, Ohio Birmingham, Ala Brockton, Mass Butler, Pa Chicago, Ill Cleveland, Ohio Dayton, Ohio Haverhill, Mass Jackson, Mich Lynn, Mass Newark, N. J.	1 2 1 4 3 3	1 1 1	New Castle, Pa New York, N. Y. Omaha, Nebr. Pittsburgh, Pa. Quincy, Mass. Rocky Mount, N. C. San Francisco, Cal. Saratoga Springs, N. Y. Syracuse, N. Y. Worcester, Mass.	1 2 1 1	1

#### RABIES IN MAN.

## Mississippi-Tishomingo.

On August 17, 1917, a case of rabies in a child was reported in Tishomingo, Tishomingo County, Miss.

#### RABIES IN ANIMALS.

### Florida—Jacksonville.

During the month of July, 1917, examinations in the laboratory of the State Board of Health of Florida showed 3 cases of rabies in animals in Jacksonville, Duval County, as follows: In a cow, 1 case; in dogs, 2 cases.

## Mississippi-Tishomingo.

On August 17, 1917, several cases of rabies in dogs were reported in Tishomingo, Tishomingo County, Miss.

#### RABIES IN ANIMALS—Continued.

#### Washington.

During the period from October, 1916, to July 31, 1917, examinations in the laboratory of the State Board of Health of Washington showed 30 cases of rabies in animals.

The following table shows the localities in which the cases occurred, the species of animals, and the numbers of persons given antirabic treatment in the State of Washington during the period stated:

County.	Positive.	Number of persons treated.	County.	Positive.	Number of persons treated.
Benton.  Chehalis. Chelan Douglas. Franklin  Grant  King.	1 coyote 3 coyotes 1 sheep 2 coyotes 2 dogs	1 2 3 	Kittitas  Klickitat Lincoln Pacific Snohomish Whitman Yakima	1 dog 1 cow 2 dogs	2

## West Virginia.

During the period from January 1 to July 31, 1917, investigations of the State department of agriculture of West Virginia showed 20 cases of rabies in animals.

The following table shows the localities where the cases occurred, the species of animals, and the month:

Place.	Positive.	Month.	Place.	Positive.	Month.
Calhoun County:     Grantsville Jackson County:     Ravenswood Sandyville Roane County:     Grace.     Do Reedy Do Do Do Do	2 cows	_	Tyler County: Sistersville. Wirt County: Palestine. Do. Do. Wood County: Washington.	1 dog 1 cow 2 dogs 2 hogs 3 cows	June.  Do. Do. Do. Do.

## City Reports for Week Ended August 4, 1917.

During the week ended August 4, 1917, cases of rabies in animals were reported as follows: Atlantic City, N. J., 1; Chelsea, Mass., 1, and Detroit, Mich., 3.

#### SCARLET FEVER.

See Diphtheria, measles, scarlet fever, and tuberculosis, page 1388.

### SMALLPOX.

#### Minnesota.

During the week ended August 18, 1917, four new foci of smallpox infection were reported in Minnesota, cases of the disease having been notified as follows: Bigstone County, Graceville village, 2; Itasca County, Grand Rapids village, 1; Polk County, Tabor Township, 1; Washington County, Omeka Township, 1.

# Wisconsin-Sparta.

During the three weeks ended August 14, 1917, 22 cases of small-pox were reported in the State home for children at Sparta, Monroe County, Wis.

State	Reports	for Ju	ly,	1917.
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Massachusetts:				v	accination h	istory of cas	es.
Worcester County	Place.		Deaths.	vaccinated within 7 years pre- ceding	last vacci- nated more than 7 years preceding	never suc- cessfully	obtained or
New York:	Worcester County—					1	-
Albany County							
Total   12   3   9	Albany County	1					7 1 1
Ohio:  Allen County	·	10		2	<b></b>	<b> </b>	
Allen County.		12					
Miami County       1       1         Monroe County       1       1         Montgomery County       29       6       23         Muskingum County       3       2       1         Preble County       1       1       2         Sandusky County       4       9       5         Stark County       3       1       2         Stark County       3       1       2         Summit County       13       3       8       2         Trumbull County       5       3       2         Union County       2       2       2         Warren County       4       4       4         Wood County       1       1       1	Allen County Athens County Belmont County Butler County Clark County Clinton County Columbiana County Cuyahoga County Delaware County Franklin County Gallia County Greene County Hancock County Hardin County Hardin County Hardin County Heighland County Heighland County Huron County Jackson County Jefferson County Logan County Logan County Logan County Mahoning County Medina County Medina County	2 14 - 4 22 21 40 3 18 10 2 4 1 1 1 3 8 2 1			1	2 1 2 7 1 6 3 15 8 1	3 5 1 4 1
Wood County 1	Monroe County.  Montgomery County.  Muskingum County.  Preble County.  Sandusky County.  Shelby County.  Stark County.  Summit County.  Trumbull County.  Union County.	1 29 3 1 4 14 3 13 5 2			1	6 2 1 9	23 1
	Warren County Wood County			• • • • • • • • • • • • • • • • • • • •			•••••••
	Total	252			5	98	149

## SMALLPOX-Continued.

### Miscellaneous State Reports.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Pennsylvania (July 1-31): Allegheny County Blair County Erie County Luzerne County Mercer County Philadelphia County Schuylkill County  Total Wisconsin (July 1-31): Buffalo County Columbia County Columbia County Dane County	2 5 1 1 1 14		Wisconsin (July 1-°1)—Co.1. Douglas County. Eau Claire Juneau County. Kenosha Courty Milwaukee County. Oneida County. St. Croix County. Sheboygan County. Walworth County. Washburn County. Winnebago County. Wood County.	37 4 2 7 2 4 1 1 6 1	

## City Reports for Week Ended Aug. 4, 1917.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Akron, Ohio. Altoons, Pa Bellingham, Wash. Butte, Mont. Chicago, Ill. Cincinnati, Ohio. Cleveland, Ohio. Dayton, Ohio. Detroit, Mich. Erie, Pa. Evansville, Ind. Flint, Mich. Grand Rapids, Mich. Harrisburg, Pa. Indianapolis, Ind.	1 1 17 17 1 9 11 2 2 1 8 1 2 2		Minneapolis, Minn. Oklahoma City, Okla. Omaha, Nebr. Poutiac, Mich. Portland, Oreg. Portsmouth, Va. Quincy, Ill Rocky Mount, N. C. St. Joseph, Mo. St. Louis, Mo. Salt Lake City, Utah Sloux City, Iowa.	4 1 5 3 2 1 2 1 1 2 5 7 2	
Kansas City, Kans Kansas City, Mo Lima, Ohio			Springfield, Ill	1 2 1	

## TETANUS.

#### City Reports for Week Ended Aug. 4, 1917.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Kansas City, Mo Los Angeles, Cal Memphis, Tenn Morristown, N. J. Oklahoma City, Okla		1 1	Rockford, III Schenectady, N. Y. Springfield, Ohio. Syracuse, N. Y. Toledo, Ohio.	i	1 1 1 1

### TUBERCULOSIS.

See Diphtheria, measles, scarlet fever, and tuberculosis, page 1388.

## TYPHOID FEVER.

## Kansas-Leavenworth.

During the week ended August 18, 1917, 26 cases of typhoid fever were reported in Leavenworth, Kans., and 6 cases outside of the city limits. During the week ended August 11, 1917, 18 cases were reported in Leavenworth.

# TYPHOID FEVER-Continued.

## Tennessee-Chattanooga.

From August 1 to August 18, 1917, inclusive, 56 cases of typhoid fever were notified at Chattanooga, Tenn.

# State Reports for July, 1917.

Place.	New cases reported.	Place.	New cases reported.
Maryland: Baltimore City Allegany County— Luke Cumberland		Maryland—Continued.	
Baltimore City	36	Frederick County—	
Allegany County—	1	Petersville. Frederick	1
Cumberland	6	Brinswick	3 1
Allegany	ĭ	Brunswick. Union Bridge, R. D.	l î
Westernbort	2	II Garrett County—	-
Western Maryland Hospital	1	KitzmillerBloomington	2
Midland	1	Bloomington	1
Anne Arundell County—		Harford County—	
Marley	2 1.	Dublin	. 1
DruryGlenburnie	i	Elkridge	1
Fairfield	î	Elkridge. Clarksville, R. D.	i
Chommortillo	ī	Marriottsville	3
Eastport Elkridge, R. D. Annapolis, R. D. Admiral Junction	1	Kent County—	
Elkridge, R. D	1	Millington	1
Annapolis, R. D	1	Montgomery County-	
Admiral Junction	1	Dickerson Rockville, R. D. Prince Georges County—	. 1
ATIDADOUS	1 1	Prince Georges County—	•
Best GateSkidmore	î	Silcsia	1
Baltimore County—	- 1	Sikoja.  Rosaryville, R. D.  Tuxedo.  Laurel, R. D.  Soat Pleasant.	ī
Thistle Mills	1 !	Tuxedo	2
Sparrow Point.	2	Laurel, R. D	1
Towson	2	Seat Pleasant	1
Woodlawn	1	Queen Annes County—	1
Govanstown	3 1	Hayden Stevensville, R. D.	2
Roland Park	3		_
Upper Folls	ĭ	Princess Anne	. 1
Govanstown Roland Park Highlandtown Upper Falls Rosedale	ī	Hopewell	1 3
Deteloru	1	Deals Island	3
Woodbrook	1	Princess Anne. Hopewell. Deals Island West Crisfield, R. D	3 2
Rossville	1	Crisheid, R. D	. 2
Lansdowne	1	St. Marys County— St. Marys City	2
Baltimore Highlands	1	Talbot County—	_
SummerfieldMiddle River	i	Bellevue	1
Calvert County—	-	BellsvucSt. Michaels	1
Sunderland	1	Tilghman	1
Caroline County—	_ 1	Washington County—	4
RidgelyFederalsburg	2	Hagerstown	i
	. 1	Brownsville	i
Cecil County—		Wicomico County—	-
Rising Sun, R. DElkton, R. DElkton.	1	Danney Ivania (Lanara   Hoenital	2
Elkton, R. D	î	Eden, R. D. Salisbury Bivalve	. 1
Charles County—	-	Salisbury	3
Ripley	1	Warrantor County	1
Brentland	î l	Worcester County— Bishopville. Snow Hill. Pocomoke City. Pocomoke City, R. D. Barlin, R. D.	1
To Ploto	1	Snow Hill	î
Waldorf, R. D. La Plata, R. D. Bryantown, R. D. Hughesville, R. D. Bryantown	1	Pocomoke City	ī
La Plata, R. D	1	Pocomoke City, R. D	1
Bryantown, R. D.	1 1	Berlin, R. D	. 1
Bevontown	2	m-4-1	170
Descharte County	-	Total	173
Dorchester County—	1	New York:	
Crapo. Reids Grove. Taylors Island Vienna, R. D.	1	Albany County	20
Taylors Island	i	Allegany County	5
Vienna, R. D.	2	Albany County Allegany County Broome County	. 1
Hurlock Reids Grove, R. D.	1	('attorollolle ('MINTY	1 3 1 5 2 2
Reids Grove, R. D	1	Cayuga County	1
Unurun Ureek	. 1	Cayuga County Chautauqua County Chemung County Clinton County County	5
Linkwood	1	Clinton County	2
ToddvilleEast New Market	1	Columbia County	3
Cambridge	2	Cortland County	i

# TYPHOID FEVER—Continued. State Reports for July, 1917—Continued.

Place.	New cases reported.	Place.	New cases reported.
New York—Continued.		Ohio-Continued.	
Erie County	19	Shelby County	
Essex County	1	Stark County	
Genesee County	i	Trumbull County	
Greene County	1	Trumbull County	3
Herkimer County	1 3	Washington County	1 1
Jefferson County	4	Wood County	1 3
Lewis County	1	Wyandot County	ì
Livingston County	2	m-4-3	<del></del>
Madison County	2	Total	165
Monroe County	7	Pennsylvania:	
Niagara County Oneida County	2	Allegheny County	1,10
Onondaga County	ĩ	Armstrong County.	119
Ontario County	Ī	Beaver County	
Orange County	1	Bedford County	1 7
Orleans County	2 5 8	Berks County	13
Otsego County	5	Blair County	24
Ronceplear Colinia	8	Bradford County	1 2
St. Lawrence County	2 3	Bucks County	8
Saratoga County	5	Butler County	1 1
Schenectady County Schoharie County	i	Carbon County	9
Steuben County	î	Center County	1 :
Suffolk County	î	Chester County	1 5
Cullivan County		Clarion County	l i
Tions County	1	Clearfield County	. 1 3
	8	Columbia County	1 2
	3	Cumberland County	1 8
Westchester County		Dauphin County	1 2
New York City	93	Delaware County	1 1
Matal .	242	Elk County	2 2
Total		Fayette County.	5
Ohio:		Franklin County	1 4
Allen County	1	Greene County	1 5
Ashtabula County	1	Greene County	4
Athens CountyBelmont County	2 11	Indiana County	] 1
Brown County	2	Jefferson County	6
Champaign County	ĩ	Lackawanna County	1
Clark County	2	Lancaster County Lawrence County	9 3 1
Clarmont County	2	Lebanon County	1
Clinton County	1 5	Lehigh County	1 7
Columbiana County		Luzerne County	3
Coshocton County	1 2	Lycoming County	1
Crawford County	12	Mercer County	15
Cuyahoga County Darke County	1	Millin County	3
Erie County	3	Montgomery County	17
Fairfield County	ĭ	Montour County	12
Fayette County	1	Montour County Northampton County Northumberland County.	1 4
Franklin County	13	Perry County	l i
Greene County	3	Philadelphia County	
Guernsey County	3	Potter County	l ši
Hamilton County	8	Schuylkill County	
Hancock County	1	Somerset County	13
Hardin County	2 2	Venango County	2
Harrison County Highland County	í	washington County	1 19
Huron County	2	Wayne County	
Jefferson County	2 8	Westmoreland County	11
Knox County	6	York County	21
Knox CountyLawrence County	6	Total	436
Licking CountyLucas County	1		400
Lucas County	8	Wisconsin:	
Mahoning County	5	Bayfield County	1
Medina County	1	Bayfield County	3
Miami County	3	Dunn County	
Morrow County	4	Fond du Lac County	,
Montgomery County Morrow County Muskingum County	1 3 4 1 2 1 3 1 1 1 3 4	Kenosha County	3 1 1 2 2 3 2 4 1 1
Perry County	1	Milwaukee County.	l ã
Pickaway County	3	Sank County	2
Portage County	i	Shebovgan County	4
Portage CountyRichland County	īl	Washington County Winnebago County	1
Ross County Sandusky County	ī!	Winnebago County	1
Sandusky County	3	Wood County	1
Scioto County	4	Total	22

# TYPHOID FEVER—Continued.

## City Reports for Week Ended Aug. 4, 1917.

Akron, Ohio.	eaths.
Allentown, Pa. 2   Los Angeles, Cal. 3   Alton, Ill. 1   Lyrtchurg, Va. 6   6   Altoona, Pa. 1   Manchester, N. H. 1   1   Atlantic City, N. J. 1   McKeesport, Pa. 1   1   Milwankee, Wis. 1   1   Mashville, Tenn. 40   Newark, N. J. 1   1   Nashville, Tenn. 40   Newark, N. J. 1   1   New Bedford, Mass. 3   New Bedford, Mass. 3   New Castle, Pa. 1   New Orleans, La. 24   New Griesport, Conn. 1   New Sork, N. Y. 12   Niagara Falls, N. Y. 12   Niagara Falls, N. Y. 12   Oakland, Cal. 2   Oakland, Cal. 2   Oakland, Cal. 2   Oakland, Cal. 3   Oakland, Cal. 2   Oakland, Cal. 2   Oakland, Cal. 3   Oa	
Alton, Ill.	
Altonía, Pa. 1   Manchester, N. H. 1   Atlantic City, N. J.   1   McK. desport, Pa.   1   Austin, Tex.   6   Baltimore, Md   12   1   Minuaepolis, Minn.   1   Minuaepolis,	1
Atlantic City, N. J.	1
Austin, Tex. 6 Baltimore, Md 12 Berkeley, Cal. 2 Birmingham, Ala. 52 Boston, Mass. 3 Braddock, Pa. 2 Bridgeport, Conn. 1 Bulflalo, N. Y 4 Cairo, Ill. 1 Cambridge, Mass. 1 Cambridge, Ma	
Baltimore, Md	3
Berkeley, Cal.   2	
Birmingham, Ala.   52   8   Nashville, Tenn   40	•••••
Boston, Mass   3	4
Braddock, Pa.   2	
Cairo, Ill.         1         1         1         1         New York, N. Y.         12           Camden, N. J.         2         Niagara Falls, N. Y.         1         2         Niagara Falls, N. Y.         1         2           Charleston, S. C.         5         1         Oklahoma City, Okla.         3         2         2         Oklahoma City, Okla.         3         2         2         Oklahoma City, Okla.         3         2         2         Perth Amboy, N. J.         2         2         Perth Amboy, N. J.         2         2         Philadelphia, Pa.         1         3         4         Portsmoto, N. J.         2         Portsmoto, N. J.         1         1         Portsmoto, N. J.         1         1         Providence, R. I.         4         Providence, R. I.         4         Reading, Pa.         1         1         Reading, Pa	1
Cairo, Ill.         1         1         New York, N. Y.         12           Camben, N. J.         2         Niagara Falls, N. Y.         1           Camden, N. J.         2         Oaklanda, Cal.         2           Chicago, Ill.         3         3           Cincinnati, Ohio.         2         Perth Amboy, N. J.         2           Columbia, S. C.         2         Philadelphia, Pa.         13           Columbus, Ohio.         4         1         Portsmcuth, Va.           Covington, Ky.         1         1         Providence, R. I.         4           Dayton, Ohio.         2         Portsmcuth, Va.         1           Detroit, Mich.         3         4         Reading, Pa.         1           El Paso, Tex.         1         Rochester, N. Y.         5           El Paso, Tex.         1         Rockford, Ill.         5           Evenett, Mass.         1         Salt Lake City, Utah.         16           Fall River, Mass.         7         Sacramento, Cal.         1           Fort Worth, Tex.         1         Saratoga Springs, N. Y.         1           Foren Bay. Wis.         1         Savannah Ga.         3	
Cairo, Ill.         1         1         1         1         New York, N. Y.         12           Camden, N. J.         2         Niagara Falls, N. Y.         1         2         Niagara Falls, N. Y.         1         2           Charleston, S. C.         5         1         Oklahoma City, Okla.         3         2         2         Oklahoma City, Okla.         3         2         2         Oklahoma City, Okla.         3         2         2         Perth Amboy, N. J.         2         2         Perth Amboy, N. J.         2         2         Philadelphia, Pa.         1         3         4         Portsmoto, N. J.         2         Portsmoto, N. J.         1         1         Portsmoto, N. J.         1         1         Providence, R. I.         4         Providence, R. I.         4         Reading, Pa.         1         1         Reading, Pa	2
Camden, N. J.         2           Charleston, S. C.         5           Chicago, Ill.         3           Cincinnati, Ohio         2           Coffeyville, Kans.         4           Columbia, S. C.         2           Columbus, Ohio         4           Covington, Ky.         1           Daveon, Ohio         1           Dayton, Ohio         2           Betroit, Mich.         3           Elizabeth, N. J.         2           El Paso, Tex.         1           Erie, Pa.         4           Everett, Mass.         1           Fall River, Mass.         1           Fort Wayne, Ind.         1           Fort Worth, Tex.         1           I green Bay. Wis.         1           I green Bay. Wis.         1           I configuration of the providence, R. I.         4           Providence, R. I.         4           Reading, Pa.         1           Rochester, N. Y. <td< td=""><td>8</td></td<>	8
Camden, N. J.         2         Oakland, Cal.         2           Charleston, S. C.         5         1         Oklahoma City, Okla.         3         3           Chicago, Ill.         3         3         Passaic, N. J.         2         2         Porthand, Oral Passaic, N. J.         1         1         1         Passaic, N. J.         2         Porthand, Oral Passaic, N. J.         1         1         Porthand, Oral Passaic, N. J.         2         Porthand, Oral Passaic, N. J.         2         Porthand, Oral Passaic, N. J.         2         Porthand, Oral Passaic, N. J.         1         1         Porthand, Oral Passaic, N. J.         2         Porthand, Oral Passaic, N. J.         2         Porthand, Oral Passaic, N. J.         2         Porthand, Oral Passaic, N. J.         4         Porthand, Oral Passaic, N. Passaic, N. Passaic, N. Passaic, N. Passaic, N. Passaic,	·
Cincinnati, Ohio 2	•••••
Cincinnati, Ohio 2	•••••
Cincinnati, Ohio 2	····i
Columbia, S. C. 2 Columbia, S. C. 2 Columbus, Ohio 4 Covington, Ky 1 Davenport, Iowa 1 Dayton, Ohio 2 Dayton, Ohio 3 Elizabeth, N. J 2 Eli Paso, Tex 1 Erie, Pa. 4 Evenett, Mass. 1 Evenett, Mass. 1 Fall River, Mass. 7 Filith, Mich 2 Fort Worth, Tex 1 Fore Worth, Tex 1 Foren Bay. Wis 1  Pittsburgh, Pa 4 Portsburgh, Pa 4 Portland, Oreg. 2 Reading, Pa. 1 Reading, Pa.	•
Columbia, S. C. 2 Columbia, S. C. 2 Columbus, Ohio 4 Covington, Ky 1 Davenport, Iowa 1 Dayton, Ohio 2 Dayton, Ohio 3 Elizabeth, N. J 2 Eli Paso, Tex 1 Erie, Pa. 4 Evenett, Mass. 1 Evenett, Mass. 1 Fall River, Mass. 7 Filith, Mich 2 Fort Worth, Tex 1 Fore Worth, Tex 1 Foren Bay. Wis 1  Pittsburgh, Pa 4 Portsburgh, Pa 4 Portland, Oreg. 2 Reading, Pa. 1 Reading, Pa.	····i
Columbus, onto	i
Columbus, onto	
Covington, Ky.         1         1         Portsidence, R. I.         4           Davenport, Iowa.         1         Reading, Pa.         1           Dayton, Ohio.         2         Reading, Pa.         7           Betroit, Mich.         3         Richmond, Va.         7           Rockester, N. Y.         5         Rockford, III.           Erie, Pa.         4         St. Joseph, Mo.         3           Evansville, Ind.         5         St. Louis, Mo.         16           Everett, Mass.         1         Salt Lake City, Utah.           Fall River, Mass.         7         San Francisco, Cal.         7           Flint, Mich.         2         Sacramento, Cal.         1           Fort Wayne, Ind.         1         Saginaw, Mich.         1           Foren Bav. Wis.         1         Savannah Ga.         3           Savannah Ga.         3         3	····i
Dayton, Ohio   2	1
Elizabeth, N. J.       2       Rochester, N. Y.       5         El Paso, Tex.       1       Rockford, III.       5         Erie, Pa.       4       St. Joseph, Mo.       3         Evansville, Ind.       5       St. Louis, Mo.       16         Everett, Mass.       1       Salt Lake City, Utah.         Fall River, Mass.       7       Sarrancisco, Cal.       7         Finit, Mich.       2       Sacramento, Cal.       1         Fort Wayne, Ind.       1       Sagianaw, Mich.       1         Fort Worth, Tex.       1       Saratoga Springs, N. Y.       1         Green Bay. Wis.       1       Sayannah Ga.       3	·····ż
Elizabeth, N. J.       2       Rochester, N. Y.       5         El Paso, Tex.       1       Rockford, III.       5         Erie, Pa.       4       St. Joseph, Mo.       3         Evansville, Ind.       5       St. Louis, Mo.       16         Everett, Mass.       1       Salt Lake City, Utah.         Fall River, Mass.       7       Sacramento, Cal.       7         Flint, Mich.       2       Sacramento, Cal.       1         Fort Wayne, Ind.       1       Sagianaw, Mich.       1         Fort Worth, Tex.       1       Saratoga Springs, N. Y.       1         Green Bav. Wis.       1       Sayannah Ga.       3	2
Elizabeth, N. J.       2       Rochester, N. Y.       5         El Paso, Tex.       1       Rockford, III.       5         Erie, Pa.       4       St. Joseph, Mo.       3         Evansville, Ind.       5       St. Louis, Mo.       16         Everett, Mass.       1       Salt Lake City, Utah.         Fall River, Mass.       7       Sarrancisco, Cal.       7         Finit, Mich.       2       Sacramento, Cal.       1         Fort Wayne, Ind.       1       Sagianaw, Mich.       1         Fort Worth, Tex.       1       Saratoga Springs, N. Y.       1         Green Bay. Wis.       1       Sayannah Ga.       3	••••
El Paso, Tex	••••
Evansville, Ind. 5 St. Joseph, Mb. 3 St. Louis, Mo. 16 Everett, Mass. 1 St. Louis, Mo. 16 Salt Lake City, Utah. 5 Salt Lake City, Utah. 7 San Francisco, Cal. 7 Sacramento, Cal. 1 Saginaw, Mich. 1 Saginaw, Mich. 1 Saginaw, Mich. 1 Saratoga Springs, N. Y 1 Savannah, Ga. 3 Savannah, Ga. 3	•••••
Evansville, Ind.       5         Everett, Mass.       1         Fall River, Mass.       7         Flint, Mich.       2         San Francisco, Cal.       7         Sacramento, Cal.       1         Saginaw, Mich.       1         Fort Worth, Tex.       1         Green Bav. Wis.       1         Savatoga Springs, N. Y.       1         Savatoga Springs, N. Y.       3	2
Everett, Mass. 1 Salt Lake City, Utah San Francisco, Cal 7 San Francisco, Cal 1 Sagnaw, Mich 1 Saynanah Ga 3 Say	•••••
San Francisco, Cal.   7	4
Fint, Mich 2 Sacramento, Cal 1 Fort Wayne, Ind 1 Saginaw, Mich Fort Worth, Tex 1 Saratoga Springs, N. Y 1 Green Bay Wis 1 Savannah Ga 3	• 1
Fort Wayne, Ind. 1 Saginaw, Mich	
Fort Worth, Tex	
Fort worth, Tex. 1 Saratoga Springs, N. Y 1 Green Bay, Wis. 1 Savannah, Ga 3 Harrisburg, Pa 2 Saattle Wash 1	1
Green Bay, Wis	
Harrisburg Pa 2 Seattle Wash 1	2
Hoboken, N. J. 1 Springfield, Ohio 3 Indianapolis, Ind. 4 Syracuse, N. Y 1	
Indianapolis, Ind	
Jersey City, N. J. 1 Toledo, Ohio 6	
Kansas City. Mo	
Kokomo, Ind	
Lancaster, Pa Washington, D. C. 5	1
Lawrence, Mass	ĩ
Lima, Ohio	
Lincoln, Nebr	
Little Rock, Ark 2 Winston-Salem, N. C. 19	

#### TYPHUS FEVER.

# New York City Report for July, 1917.

During the month of July, 1917, 2 cases of typhus fever were reported in New York City.

# DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS.

## State Reports for July, 1917.

	c	ases report	ed.		Ca	ises reporte	×d.
State.	Diph- theria.	Measles.	Scarlet fever.	State.	Diph- theria.	Measles.	Scarlet fever.
Maryland New York Ohio	54 1,289 317	602 3,889 646	39 572 287	Pennsylvania Wisconsin	909 161	1,621 338	366 235

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

# City Reports for Week Ended Aug. 4, 1917.

:	Popula- tion as of July 1, 1916	Total deaths	Diph	theria.	Mea	sles.		rlet er.	Tu cul	ber- osis.
City.	(estimated by U. S. Census Bureau).	from all causes.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Casos.	Deaths.
Over 500,000 inhabitants:  Baltimore, Md  Boston, Mass Chicago, Ill Cleveland, Ohio Detroit, Mich Los Angeles, Cal New York, N. Y Philadelphia, Pa Pittsburgh, Pa St. Louis, Mo From 330,000 to 500,000 inhab-	589, 621 756, 476 2, 497, 722 674, 073 571, 784 503, 812 5, 602, 841 1, 709, 518 579, 090 757, 309	249 719 265 283 2,171 677 271 235	5 41 130 21 38 4 140 31 7	13 1 1 1 16 4	38 43 73 8 8 8 169 19 27 8	2 5 3 6 1	12 74 2 15 1 28 8 3 14	7 1 1	19 78 179 28 24 44 339 67 13 52	26 26 83 13 14 22 195 34 13
itants:  Buffalo, N. Y  Cincinnati, Ohio  Jersey City, N. J  Milwaukee, Wis  Minneapolis, Minn  Newark, N. J  New Orleans, La  Seattle, Wash  Washington, D. C  From 200,000 to 300,000 inhabitants:	468, 558 410, 476 306, 345 436, 535 363, 454 408, 894 371, 747 348, 639 363, 980	133 128 153 109 147 28 156	13 6 10 7 8 6 10 1	1	4 1 9 17 3 25 5 16		5 21 3 3 1 1	1	34 31 11 17 43 37 18 25	9 17 5 4 8 27 5 9
Columbus, Ohio Denver, Celo Indianapolis, Ind Kansas City, Mo Portland, Oreg Providence, B. I. Rochester, N. Y	214,878 260,800 271,708 297,847 295,463 251,960 256,417	60 51 119 42 81 96	1 4 24 10 1 6 15	1 3	1 1 1 13	1 2	1 2 1 3 4 3 3	1	5 7 9	7 2 1 18
Albany, N. Y  Birmingham, Ala  Bridgeport, Conn  Cambridge, Mass.  Camden, N. J  Dayton, Ohio  Fall River, Mass  Fort Worth, Tex  Grand Rapids, Mich.  Hartford, Conn  Lawrence, Mass  Lynn, Mass  Lynn, Mass  Memphis, Tenn  Nashville, Tenn  New Bedford, Mass  New Haven, Conn  Oakland, Cal.  Omaha, Nebr  Reading, Pa  Richmond, Va  Salt Lake City, Utah.  Springfield, Mass  Syracuse, N. Y  Toledo, Ohio.  Trenton, N. J  Worcester, Mass  From 50,000 to 100,000 inhab-	104, 199 181, 762 121, 752 112, 981 106, 233 127, 224 128, 366 104, 562 128, 291 110, 900 100, 550 113, 245 102, 425 148, 995 117, 057 118, 158 198, 604 165, 627 117, 399 105, 942 155, 624 191, 554 111, 593 163, 314	98 68 28 49 49 19 32 34 50 19 48 55 20 49 54 87 27 28 61 50 61 50 61 61 61 61 61 61 61 61 61 61 61 61 61	5 4 1 1 1 1 2 1 1 1 2 2 6 6 3 4 4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5 6 1 1 2 2 5 5 3 6 6	1	2 2 2 1 1 1 1 2 2 1 1 1 1 1 1 3 3 2 2 1 1 8 8		2 17 4 3 9 9 6 8 8 2 2 3 3 4 3 3 2 2 5 12	8 2 3 3 4 4 4 3 5 5 2 3 5 3 6 4 3 3 4 2 2 6 3 3 7 3 3
itants: Akron, Ohio Allentown, Pa Altoona, Pa Atlantic City, N. J Bayonne, N. J Berkeley, Cal Binghamton, N. Y Brockton, Mass Charleston, S. C.	85, 625 63, 505 58, 659 57, 660 69, 893 57, 653 53, 973 67, 449 60, 734	7 11 9 26	19		3 1 3 2 4 1		2 2 1 1		1 4 2 2 1 7	i 3

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

# City Reports for Week Ended Aug. 4, 1917—Continued.

	Popula- tion as of July 1, 1916	Total deaths	1 -	theria.	Mee	asles.		arlet ver.	Tu cu	iber- losis,
City.	(estimated by U. S. Census Bureau).	from all causes.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Desths.
From 50,000 to 100,000 inhabit-										
antsContinued.	K7 144	15	1	l	1		2		. 1	
Covington, Ky	57, 144 94, 495	15 16	1		8 3		1 1	1	2 8	. 2
Elizabeth, N. J	86,690	28	6		3		1		. 8	3
El Paso, Tex Erie. Pa	63, 705 75, 195	45	6		1		1 4		i ii	2 2 3 9 37 2
Evansville, Ind	76,078	24	1		1	i	l		. 2	2
Flint, Mich Fort Wayne, Ind Harrisburg, Pa. Hoboken, N. J	76,078 54,772 76,183		1				2		i	3
Fort Wayne, Ind	76, 183 72, 015	19 29	1		····i		····i		1 2	3
Hoboken, N. J.	72,015 77,214	40	3		î		2		2 7 2 3 1	5
Johnstown, Pa Kansas City, Kans Lancaster, Pa Little Rock, Ark	68, 529	22	3 1 1 1				2		. 2	
Kansas City, Kans	99, 437 50, 853	• • • • • • •	1 1		····i		2		1 1	
Little Rock, Ark	57.343	28 7	l		1					
Makden, Mass	51, 155	7	2 2 1		2			ļ	3 2	1 2 4 3 2 2 2
Manchester, N. H	78, 283 58, 221	20 28 12	2		····i	····i	1		2	2
Mobile, AlaOkla	92,943	12	ļ <u>.</u> .		1		i		2	3
Passaic, N. J.	71,744	39	8		3				2	2
Oklahoma City, Okla Passaic, N. J. Pawtucket, R. I. Portland, Me. Rockford, Ill.	59, 411	27	1	1	6	<u>2</u>	····i			2
Portland, Me	63, 867 55, 185	20			3	Z	i			1
Sacramento, Cal	66 905	28	3	1	2				4	1 2 1
Sacramento, Cal Saginaw, Mich St. Joseph, Mo	55, 642 85, 236	11	1 3						1	1
St. Joseph, Mo	85, 236 53, 330	29 19	3		•••••	• • • • • •	3	•••	4	1 1
San Diego, Cal	68, 805	24	2 2				1		1	4
Schenectady, N. Y	68, 805 99, 519	22	1		2				2	1
Savannah, Ga Schenectady, N. Y Sioux City, Iowa Somerville, Mass	57,078	18	····i	····i	i	• • • • • •	2 2		4	
Somerville, Mass	87, 039 68, 946	22	l i				î		3	i
Springfield, Ill	61, 120 51, 550	17							ļ <u>.</u> .	4 2
Springfield, Ohio	51,550	19	;-		2		::		3	2
Somerville, Mass	66,083 77,916	17	1 3		····i			• • • • • •	3	4
Wichita Kans	70, 722 76, 776						2		4	2
Wilkes-Barre, Pa	76,776	31	5		1		2		5 5	
Wichita, Kans	94, 265	50			- 17	• • • • • • •			1 "	
Alameda, Cal	27,732	1							3	
Alameda, Cal Austin, Tex Bellingham, Wash Brookline, Mass	34,814 32,985 32,730	20	1							4
Bellingham, Wash	32,985	2 6			2				• • • • • • •	
Butler, Pa	27,632	ğ	i						2	
Butte Mont	43,425	<u>::</u>	2	ا-يِ	1		3	•••••	····i	
Chelsea, Mass	46, 192 29, 319	19 23	ī	2	-	····i		•••••	1	3
Chicopee, Mass	29,319 34,611	14	:::::	1		1	···i			
Cumberland, Md.  Davenport, Iowa  Dubuque, Iowa  East Chicago, Ind.  East Orange, N. J.	26,074	3			2					
Davenport, Iowa	48,811				1 .				·····2	
Fast Chicago Ind	39, 873 28, 743	3		···i						
East Orange, N. J.	42,458	6			5 .				1	
Elgin, Ill	28, 203	6			3				1	
Everett Wash	39, 233 35, 486	12								
Fitchburg, Mass	35,486 41,781	2 7	1		1 .				3	•••••
Galveston, Tex	41,863	10		• • • • • • • • •	• • • • • •	·		• • • • • • • • • • • • • • • • • • • •	• • • • • •	2
Eight, III. Everett, Mass. Everett, Wash. Fitchburg, Mass. Galveston, Tex. Green Bay, Wis. Haverhill, Mass	29, 353 48, 477	9	····i		····i				····i	<b>-</b>
Jackson, Mich	35, 363	13			2		1		3	••••••
Kalamazoo, Mich	48,886	15	1		16					2
Kenosha, Wis	31,576	6 10			1 .	••••••		•••••	1	·····i
La Crosse. Wis	26,771   31,677	7	····i			·····				
Kalamazoo, Mich Kenosha, Wis. Kingston, N. Y. La Crosse, Wis. Lexington, Ky.	41,097	24								3
Lima, Ohio Lincoln, Nebr	35, 384	16	3 1	1	1  -		1	•••••	···i	2
LIDCOID, NODE	46, 515	14	1 1		1 .	1				•••••
Long Beach, Cal Lorain, Ohio	27,587   36,964	12		1:					2	

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

# City Reports for Week Ended Aug. 4, 1917—Continued.

	Popula- tion as of July 1, 1916	Total deaths	Diph	theria.	Mea	eles.		rlet or.	Tul	ber- osis.
City.	(estimated by U. S. Census Bureau).	from all causes.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
From 25,000 to 50,000 inhabit-										
ants—( )ontinued.	32,940	12			1				1	1
Lynchburg, Va	30, 699 47, 521	21	3		1		1 2		1	;
McKeesport, Fa	1 26.234	6	l							1
Montclair, N. J.  Newburgh, N. Y.  New Castle, Pa.  Newport, Ky.  Newton, Mass.  Niagara Falls, N. Y.	26,318 29,603	8	·····		····i	····i			2 2	
New Castle, Pa	41.133	15	i		l	<u>.</u>			5	
Newport, Ky	31,927 43,715		i		8		1		5	
Newton, Mass	43,715 37,353	5 18	1		2				1 2	
Norristown, Pa Orange, N. J.	31,401	9	1							ļ
Orange, N. J	33,080 46,450	12			····i		1		6 2	
Pasadena, Cal	41.185	17	ļ	<b> </b>	ļ <u>.</u>		ļ			ļ
Pittsneid, Mass	38,629	20 21		·····	4		2 2		7	2
Portsmouth, va Qxincy, Ill Quincy, Mass Racine, Wis Roanoke, Va Rock Island, Ill. San Jose, Cal.	36,798	15			1		2			
Quincy, Mass	38, 136	11	1		2				2	
Racine, Wis	46,486 43,284	9 14			i		i			·····i
Rock Island, Ill	28, 926	8	i		l		· · · · · ·			
San Jose, Cal. Steubenville, Ohio	38,902			ļ	1			¦	1	
Steudenville, Onio	27, 445 46, 226	17	i				•••••			
Superior, Wis Taunton, Mass Topeka, Kans		15					1	l		i
Topeka, Kans	48,726	8					·····	¦	2	1 2
West Heboken, N. J	30, 570 43, 139	10 7			10		1		l i.	2
Waitham, Mass. West Heboken, N. J. Wheeling, W. Va. Williamsport, Pa. Wilmington, N. C. Winston-Salem, N. C.	43,377	16	1		2				1	i
Williamsport, Pa	23, 809 29, 892	2 7	4	2	1					····
Winston-Salem, N. C	31, 155	24			3		1		2	3 2
Zancsvine, Onto	30,863	9								2
From 10,000 to 25,000 inhabitants:		1	l	ŀ						
Alton, Ill	22,874 13,599	3							1	<u>-</u>
Braddock, Pa	13,599 21,685	6			i				1	1
		9			ļ <del>.</del> .					1
Cairo, Mass Clinton, Mass Coffeyville, Kans Concord, N. H. Galesburg, Ill. Harrison, N. J. Kearny, N. J.	1 13, 075	6							····i	
Concord. N. H	17,548 22,669	11	1		7		····i			2
Galesburg, Ill	24, 276	<del></del>	5		1		<b> </b>			
Harrison, N. J	16,950 23,539	7	3				1		i	·····i
Kokomo, Ind	20, 930	8			<del>.</del>					<del>-</del>
Long Branch, N. J. Marinette, Wis. Melrose, Mass. Morristown, N. J. Nanticoke, Pa.	15,395	7 8							1	
Melrose, Mass.	1 14, 610 17, 445	6	····i							
Morristówn, N. J	17,445 13,284 23,126	ğ								
Nanticoke, Pa Newburyport, Mass	23, 126 15, 243	9 7 4		• • • • • •			• • • • • •		4	
New London, Conn	20, 985	6			i				2	i
North Adams, Mass	1 22, 019	8 11							····i	
Nanticore, Fa. New buryport, Mass. New London, Conn. North Adams, Mass. Northampton, Mass. Plainfield, N. J. Pontiac, Mich. Portsmouth, N. H. Portsmouth, N. H.	19,926 23,805	15					i		2	
Pontiae, Mich	23,805 17,524				3		ì	1		
Rocky Mount, N. H	11,666 12,067	2	1			• • • • • •	1			
Rutland, Vt	14,831 20,193	6					1			1
Sandusky, Ohio	20, 193	9	2						i	
Steelton, Pa	13,821 15,548	3							1	
Rocky Mount, N. H. Rocky Mount, N. C. Rutland, Vt. Sandusky, Ohio. Saratoga Springs, N. Y. Steelton, Fa. Washington, Pa. Willingburg, Pa.	15,548 21,618				i		2			
Wilkinsburg, Pa Woburn, Mass	23, 228 15, 969	12 4	1	•••••						· · · · · ·
	20,500	•								

# FOREIGN.

#### EGYPT.

#### Plague.

During the week ended June 27, 1917, 6 cases of plague with 4 deaths were reported at Alexandria. Of these, 1 case occurred in a European. In the government of Port Said from April 30 to May 19, 4 cases with 3 deaths were reported and at Port Said, June 25, 1 case was reported. In the government of Suez, from April 30 to June 2, 23 cases were reported, of which 5 were septicemic, and at the port of Suez, from June 22 to 28, 34 cases with 21 deaths, 3 of the cases being pneumonic and 12 septicemic in form.

In the provinces, 2 cases were reported in the Province of Fayoum, June 26; 1 case was reported in the Province of Galioubeh, June 28; and in the Province of Minieh, from June 25 to 28, 2 cases were reported. The total number of cases reported in Egypt from January 1 to June 28, 1917, was 564, with 313 deaths. During the corresponding period of the year 1916, the total number of cases reported was 1,634, with 792 deaths.

#### GREAT BRITAIN.

### Anthrax-Bradford and Vicinity.

Two fatal cases of anthrax have been reported as occurring in July, 1917, at Bradford, England, and the suburban town of Shipley. The first case, reported July 9, occurred in a workman engaged in sorting gray wool, alpaca, white goat hair, etc. The second case, occurring at Shipley and reported July 14, was in a workman employed by a wool-combing firm, the wool handled being a blend of low mohair, goat hair, and Egyptian and Scotch wool.

During the year ended October 31, 1916, 19 cases of anthrax were reported in Bradford and vicinity, and for the 10-year period preceding the year 1916, 127 cases in Bradford district and 15 cases in adjoining districts.<sup>1</sup>

#### UNION OF SOUTH AFRICA.

## Plague—Glengrey District.

Plague was reported August 13, 1917, in Glengrey district, Cape of Good Hope State, 100 miles inland from Port Elizabeth.

# Reports Received During the Week Ended Aug. 24, 1917.1

#### CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
India: Calcutta. Madras. Philippine Islands: Provinces	June 3-9do	i	32 1	July 1-7, 1917: Cases, 315; deaths,
Albay Bohol Capiz Cebu Iloilo Leyte Negros Oriental Rizal Sorsogon Tayabas	July 1-7dodododododod	2 66 19 54 7 4 79 1 82	1 46 15 38 4 4 54	202.

#### PLAGUE.

Egypt				Jan. 1-June 28, 1917: Cases, 561; deaths, 313.
Port Said govt	June 21–27 Apr. 30–May 19 June 25	6 4 1	4 3	qeatis, 510.
Provinces— Favoum	June 26	2	1	· · · · · · · · · · · · · · · · · · ·
Minieh	June 25-28	2 23 34	1 9 21	
India  Madras Presidency	June 3–9	21	30	June 3–9, 1917: Cases, 2,708; deaths, 2,101.
Siam: Bankok	July 3-23	4	3	
Union of South Africa:	June 9–16	1	1	
Cape of Good Hope State— Glengrey district	Aug. 13	•••••		Present.

#### SMALLPOX.

		i	1	l	
Brazil: Rio de Janeiro China: Mukden	July 1-14 July 8-14	. 59	8	Present.	
Shanghai	July 2-15		4	Among Chinese.	•
Egypt: Alexandria	July 2-8	1	2		
India: Madras	June 3-9	6	4	•	
Russia: Petrograd	June 3-9	26			
Siam: Bankok	June 9-23	6	3		
Spain: Valencia	July 8-14	1			
Straits Settlements: Penang	June 17-23	1	1		
Uruguay: Montevideo	May 1-31	2	ļ		
		ı	1		

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

# Reports Received During the Week Ended Ang. 24, 1917—Continued. TYPHUS FEVER.

Place.	Date.	Cases.	Deaths.	Remarks.
China: Antung Tientsin. Egypt: Aiexandria Japan: Nagasaki Russia: Potregrad Switzerland: Basel.	July 9-15. June 17-23. July 2-8. July 9-22. June 3-9. July 8-14.	2 1 73 12 13	1 23 1	

# Reports Received from June 30 to Aug. 17, 1917.

# CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
India:				
Bassein	Apr. 1-May 5	i	8	
Calcutta	Apr. 29-June 2	1	303	i ·
Madras	Apr. 22-June 2	2	2	İ
Mandalay	May 6-12	1 -	l î	i
Moulmein	May 13-June 2		3	,
Pakokku	Apr. 29-May 5		l i	
	May 27-June 2		li	
Pegu				•
Rangoon	Apr. 21-June 9	30	16	
Indo-China:		l	1	
Provinces	. <u>.</u>			Feb. 1-28, 1917: Cases, 20; deaths,
Anam	Feb. 1-28	3		12.
Cambodia	do	8	6	
Cochin-China	do	1 8	6	
Tonkin	do	1		
Saigon	Apr. 23-May 27	163	108	·
Java:				
East Java	Apr. 2-8	1	1	
West Java.		-		Apr. 13-19, 1917: 1 case.
Batavia	Apr. 13-19	i i		1101. 10-10, 1011. 1 04001
Persia:	Apr. 10-19			
Mazanderan Province—		ŀ		
Amir Kela	Feb. 3		1	
Barfourouche	Jan. 15–17.	1		•
Bariourouche	Jan. 15-17	4	• • • • • • • • • •	. •
Hamze Kela	Jan 17	1		
Machidessar	Jan. 31	3		
Philippine Islands:	_			
Manila	June 17-23	1		
Provinces				May 20-June 30, 1917: Cases, 1,056;
Albay	May 20-June 30	113	76	deaths, 672.
Ambos Camarines	June 3-9	2	1	• • • • • • • • • • • • • • • • • • • •
Batangas	June 17-23	1	ī	
Bohol	May 20-June 30	368	251	
Capiz	June 3–30	62	40	
Cebu.	do	231	150	•
Leyte	June 10-30	14	5	
Rizal	June 24-30	11	اد	
Sorsogon.	June 3-30			
Torrobos	June 3-30	196	88 7	
Tayabas		7	7 1	

#### PLAGUE.

Arabia: Aden	May 3–June 11		38	Apr. 8-May 14, 1917: Cases, 69; deaths, 51.
Brazil: Bahia	June 10-30	6	3	
Ceylon: Colombo	Apr. 8-June 9	40	33	•
China:	Apr. 29-May 5 May 13-June 9			Present and in vicinity.
Hongkong Kwangtung Province—	May 13-June 9	13	8	
Pa-pu district	June 2	ļ		Present.

# Reports Received from June 30 to Aug. 17, 1917—Continued.

#### PLAGUE—Continued

Place.	Date.	Cases.	Deaths.	Remarks.
EgyptSuezProvinces—	May 12-17	4	2	Jan. 1-May 17, 1917: Cases, 231; deaths, 116.
Fayoum	May 11-17 May 17 May 12-15 May 12	12 2 3	6 1 2 1	
Great Britain: London	May 3–8	2		2 in hospital at port. From s. s. Sardinia from Australian and oriental ports.
India	Apr. 1-June 2 Apr. 22-June 16 Apr. 29-June 2 Apr. 1-May 19	406	42 326 38 33	oriental ports. Apr. 15-June 2, 1917: Cases, 38,250; deaths, 26,092.
Karachi	Apr. 22–June 9 Apr. 22–June 16 Apr. 8–May 12 Apr. 1–June 2	467 247	411 203 9 59	
MyingyanPeguRangoonToungoo	Apr. 1-7	143	1 2 134 2	
Indo-China: Provinces	Feb. 1–28dodo.	31 57 13	15 47 9	Feb. 1-28, 1917: Cases, 101; deaths, 71.
Cochin-China Saigon Java: East Java Surabaya	Apr. 23-June 3	47	26	Apr. 2-22, 1917: Cases, 18; deaths, 18.
Surakarta Peru Departments— Arequipa	May 16-31	5 4	5	May 16-31, 1917: Cases, 15.  At Mollendo.
Lambayeque Libertad	do	1 2 7		At Callao. At Chiclayo. At Salaverry, San Pedro, and Trujillo. At Lima.
Siam: BangkokStraits Settlements:	do	1 12 1	11	At Lima.
Singapore	May 28	1 1	1	At Summerhill Farm.
Orange Free State Winburg district	May'28		1	Apr. 16-22, 1917: 1 case; Apr. 9-22, 1917: Cases, 26; deaths, 17.
	SMAL	LPOX.		
Australia: New South Wales. Browarrina. Coonabarabran. Quambone.	Apr. 27-June 21 May 25-June 7 Apr. 27-June 21	6 12 2		Apr. 27-June 21, 1917: Cases, 20.
Queensland— Thursday Island Quarantine Station.	May 9	1		From s. s. St. Albans from Kobe via Hongkong. Vessel pro- ceeded to Townsville, Bris- bane, and Sydney, in quaran- tine.
Brazil: Bahia	May 6-June 30 do	126	31	
Winnipeg Nova Scotia— Halifax	June 10-16 June 18-July 7	1 3		Present in district.
Halifax Port Hawkesbury		3		Present in district.

# Reports Received from June 30 to Aug. 17, 1917—Continued.

### SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Ceylon:	May 6-12	1		
China:	Apr. 29-May 26 May 21-June 24			Present and in vicinity.
Antung	May 6-June 23	4		Present.
ChangshaDairen	May 27-June 2 May 13-June 30 Apr. 23-May 6	30	4	
HarbinHongkong	Apr. 23-May 6   May 6-June 16	8	7	On Chinese Eastern Ry.
Manchuria Station Mukden	May 6-June 16 Apr. 23-29 May 27-June 2	1		Do. Present.
ShanghaiTientsin	May 21-July 1	13 12	32	Cases foreign; deaths among natives.
Tsitshar Station Tsingtao	May 13-June 9 Apr. 16-22 May 22-July 7	1 35	7	On Chinese Eastern Ry. At another station on railway, 1 case.
Egypt: Alexandria	Apr. 30-July 1	39	9	2 0000.
France: Paris	Мау 6-12	1		
GermanyBerlin	Mar. 18-Apr. 28	106		Mar. 18-Apr. 28, 1917: Cases, 715 in cities and 32 States and dis-
Bremen	4.	16 18		tricts.
Hamburg	do	50 20		
Lübeck	do	2 10		
Stuttgart	do	1		•
India: Bombay	Apr. 22-June 16 Apr. 29-May 26	149	59	•
Calcutta Karachi	Apr. 22-June 9	20	12 5	
Madras	Apr. 22-June 16 Apr. 15-June 9	72 33	39 4	
Provinces	Feb. 1-28	297		Feb. 1-28, 1917: Cases, 593; deaths,
AnamCambodia	do	36	7	
Cochin-China Tonkin	do	193 67	53 1	
SaigonItalv:	Apr.27-June 10	199	63	
Italy: Turin	May 21-June 24	32	12	
Kobe Nagasaki	May 27-July 8 May 28-June 3	56 1	16	
Osaka Yokohama	May 27-July 8 May 28-June 3 May 16-July 5 May 27-July 1	177	55 1	
Java: East Java Mid-Java	Apr. 2-29 Apr. 1-21	11 16	1	A 10 35 - 10 101F. G 10
West Java Batavia	Apr. 13-May 3	11	2	Apr. 13-May 10, 1917: Cases, 46; deaths, 7.
Mexico: Mazatlan Mexico City	July 11–17 June 3–30	162	2	
MontereyVera Cruz	June 18-24 July 1-7	i	24	•
Philippine Islands: Manila.	May 13-June 9	6		Varioloid.
Portugal: Lisbon	May 13-June 30	14		
Portuguese East Africa: Lourenço Marquez	Mar. 1-Apr. 30		2	
Russia: Archangel	May 1-June 28	23	2	•
PetrogradRiga	Feb. 18-June 2 Mar. 11-June 2	479 4		Jan. 1-Mar. 31, 1917: Cases, 9.
Vladivostok Spain:	Mar. 15-21	23	7	
MadridSeville	May 1-June 19 May 1-31		4 5	
Valencia	June 3–July 7	4		
Straits Settlements: Penang	Mar. 18–May 12	5	2	

# Reports Received from June 30 to Aug. 17, 1917—Continued.

#### SMALLPOX-Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Sweden:				
Malmo	Apr. 22-28	1	1	
Stockholm	Apr. 22–28 May 20–June 23	2	1	İ
Tunisia:		1	ł	i
Tunis	June 2-8	2		
Turkey in Asia:		i	1	
Trebizond	Feb. 25-Apr. 13		15	
Union of South Africa: Johannesburg	Mar. 12–24	4	<b> </b>	
Venezuela: Maracaibo	June 18-July 8	<u> </u>	8	
	\ <u></u>	l	<u> </u>	
	TYPHUS	FEVE:	R.	
Algeria:				
AlgiersAustria-Hungary:	June 1–30	5	3	
Austria				Oct. 22-Dec. 17, 1916: Cases, 2,3
Bohemia	Oct. 22-Dec. 17	634		1
GaliciaLower Austria	do	809		
Lower Austria	do	47		
Moravia	do	617		
Silesia	do	16		i
Styria	do	243		i
_ Upper Austria	do	5		Tab 10 May 07 1017 Garage
HungaryBudapest	Feb. 19-Mar. 25	83		Feb. 19-Mar. 25, 1917: Cases, 1,3
China: Antung	June 25-July 1	3	l	
Hankow	June 9-16	ĺi		
Tsingtao	May 30-July 7	4		
Egypt:		1	l	
AlexandriaGreat Britain:	Apr. 30-July 1	1,648	478	
CorkGreece:	June 17–23		1	
Saloniki	May 13-June 30		32	
Japan: NagasakiJava:	June 11-24	4		
Mid-Java	Apr. 1-30	7	2	Apr. 12 May 10 1017; Coses 96
West Java Batavia	Apr. 13-May 10	22		Apr. 13-May 10, 1917: Cases, 86
Mexico: Mexico City	June 3-30	431		,
Netherlands: Rotterdam	June 9-23	3	2	·
Portuguese East Africa: Lourenço Marques	Mar. 1-31	1		
Russia: Archangel	May 1-June 28	4		
Petrograd.	Feb. 18-June 2	113	3	
RigaVladivostok	May 6-June 2 Mar. 29-May 21	2 5		Jan. 1-31, 1917: 1 case.
Spain: Almeria.	May 1-31		5	
Madrid	do		2	
Switzerland: Basel	June 17-23	,	_	
Prinidad	June 17-23 June 4-9	1 2		
runisia:	June 4-9			
Tunis	June 30-July 6		1	
<b>_</b>	YELLOW	FEVE	R.	
Mexico: Yucatan, State— Peto	June 23	1	1	In person recently arrived from Mexico City.