

# PUBLIC HEALTH REPORTS

VOL. 34

FEBRUARY 21, 1919

No. 8

## EPIDEMIC INFLUENZA.

### PREVALENCE IN THE UNITED STATES.

Telegraphic reports from State health officers for the week ended February 15, 1919, indicate a general decline in the number of cases of influenza reported. As compared with the preceding week fewer cases were notified in Alabama, California, Connecticut, Florida, Illinois, Iowa, Kansas, Louisiana, Maine, New Jersey, North Carolina, Ohio, Oklahoma, and Virginia. (See p. 354.)

Arkansas and Vermont reported increases, but the number of cases was not large, and both States show decided decreases as compared with the reports for the week ended February 1.

Reports from the zones surrounding Army camps indicate that a slightly smaller number of cases was reported than during the preceding week. (See p. 357.)

With local variations, the number of cases of influenza reported has declined since about the middle of January in all parts of the country from which reports have been received.

---

## CIVIL SERVICE EXAMINATIONS OF INTEREST TO HEALTH OFFICIALS.

Supervisor, social hygiene (female).....	\$2, 000-\$2, 500
Special agent, social hygiene (female).....	1, 200- 1, 800
Assistant special agent, social hygiene (female).....	600- 1, 000

In developing the field activities of the campaign against venereal diseases the Public Health Service contemplates appointing about 40 special agents in social hygiene, 10 supervisors, and a number of assistant special agents. These positions are open to women only, and appointments will be for work in various parts of the United States.

The duties of the supervisors will be to represent the Section on Women and Girls of the Interdepartmental Social Hygiene Board in a supervisory capacity. The work will include the planning and organization of the work of special agents, promoting of community interest and social legislation, reporting on local conditions, collecting special data from time to time, and representing this section at conferences and public gatherings.

The duties of the special agents will be to perform social case work with delinquent women and girls, to assist in securing the examination and treatment of those infected with venereal diseases, to aid in the enforcement of laws regarding commercialized vice, to visit places of amusement and report on conditions found. Appointees will also be required to compile community reports and case records of individuals dealt with. They must be capable of working without immediate supervision and must possess qualifications necessary to enlist the local community's interest and cooperation.

The duties of the assistant special agents, will be to perform social case work with delinquent women and girls similar to those performed by special agents, namely, assisting in securing the examination and treatment of those infected with venereal diseases, aiding in the enforcement of laws regarding commercialized vice, visiting public places of amusement and reporting on conditions found, etc.

These positions will be filled as the result of open competitive examinations conducted by the United States Civil Service Commission. The examinations will be held March 25 and 26, 1919.

For further information address the Civil Service Commission, Washington, D. C.

---

## LETHARGIC ENCEPHALITIS.

### A NOTIFIABLE DISEASE IN ENGLAND.

The attention of health officers is invited to the following instructive description of a new epidemic disease recently observed in Europe. It is desirable to know whether any such cases have been observed in this country, and if so, to what extent the disease prevails.

At a meeting of the Vienna psychiatric society, held in April, 1917, Von Economo described a group of cases of a disease occurring in epidemic form to which he gave the name "encephalitis lethargica." A discussion concerning the same disorder was held the following month by the Paris Academy of Medicine, and Prof. Netter there expressed the opinion that the disease was not a form of acute poliomyelitis. He also quoted some evidence in support of the view that the disease occurred at the end of the seventeenth and beginning of the eighteenth century in Germany and more definite evidence that it occurred in Upper Italy and Hungary in 1890. Very suggestive cases occurred in nearly all the countries of Europe and in the United States in the spring of 1895. From the data presented by Von Economo it is evident that the disease occurred in Vienna in the winter of 1916-17.

The first case noted in England occurred February 11, 1918, in Bermondsey, and the largest number of cases in one week was 18, in the last week in April. The number of cases declined thereafter,

and the epidemic, which never attained large proportions, came, at least temporarily, to an end in June.

The disease has been made notifiable in England and Wales under the name of "lethargic encephalitis." Early last year the local government board, with the assistance of the Medical Research Committee, instituted clinical and pathological investigations. The result of these have now been published in a report (N. S. 121) issued by H. M. Stationery Office, London.

The following data are abstracted from a review of the Government report, published in a recent number of the *British Medical Journal*, to which acknowledgments are hereby extended.

The disease is an acute affection due to a specific virus, which, like that of acute anterior poliomyelitis, probably finds entrance through the naso-pharynx, and which, like it, has a special affinity for the nervous system, though for different areas and elements.

Pathologically, lethargic encephalitis belongs to the class of polio-encephalitic diseases which are inflammatory in nature. Bacteriological investigations did not yield any positive results.

Clinically the disease is a general infectious disease characterized by manifestations originating in the central nervous system, of which the most frequent and characteristic are progressive lethargy or stupor and lesion in or about the nuclei of the third pair of cranial nerves. Although a rise in temperature was not observed in all the 164 cases of the disease of which notes were obtained, there seems to be little doubt that there is always a certain amount of fever in an early stage, although occasionally it may not be observed for several days after the onset of symptoms. The common range is between 101° F. and 102° F., but temperatures up to 104° F. are not very uncommon, and in a few cases a temperature between 104° F. and 105° F. has been reached. The pyrexia usually lasts from 2 to 5 days, but may continue for 10 or even 14. It may fall suddenly or gradually with oscillations. A period of subnormal temperature not infrequently follows.

In the majority of cases a prodromal period may be recognized, but it is not very well defined, the symptoms being the early stage of those of the developed disease. Usually the first symptom is simple catarrhal conjunctivitis and in a smaller number of cases tonsillitis, simple sore throat, and bronchial catarrhs were observed, but the salient symptom observed in 80 per cent of the cases at this stage was progressive lethargy. It might be ushered in suddenly by a fainting attack or fit, but the onset was more often gradual. The patient became dazed or stupid, slept a great deal, and was drowsy by day. In marked cases the lethargy was accompanied by heaviness of the eyelids, pain in the eyes, blurred vision, and photophobia, and, in a well-marked case, gradually passed into stupor.

Headache was common, and giddiness was a highly characteristic early symptom, and in some cases was accompanied by diplopia. Mental hebetude was often associated with a highly emotional state, and the patient might exhibit, without apparent cause, symptoms which might be labeled hysterical. In other instances the mental depression was so great that melancholia was suspected. In a few cases only was the patient restless and irritable. The patient may be indisposed to speak, sometimes has distinct difficulty in articulation. The most frequent and characteristic signs in the prodromal period may be summed up as lethargy, asthenia, vertigo, headache, diplopia, and some alteration in the mental state.

After this prodromal period, if it occurs, the symptoms of a general infectious disease become manifest; the febrile reaction has already been mentioned. The patient lies in bed on the back, often unable to make any voluntary movement on account of great muscular weakness; the face is quite expressionless and masklike, and there may be definite double facial paralysis. The severest cases lie like a log in bed, resembling a waxen image in the lack of expression and mobility, and this may be accompanied by catalepsy. The patient is in a condition of stupor, although true sleep is often not obtained. Delirium, usually nocturnal, is not uncommon, and in addition to the muscular trouble there is distinct rigidity in a considerable proportion of cases. The voice becomes nasal and monotonous, sentences are uttered very slowly and words slurred into one another. Occasionally, however, once started to speak the patient chatters sentences with so great rapidity that he is often unintelligible. Irregular nonrhythmic spontaneous movements of the face, trunk, and limbs, resembling those seen in chorea or thalamic infections, are not infrequent. Cases occur which present the general symptoms of the disease—pyrexia, lethargy, asthenia—without localizing signs, and as a rule can only be diagnosed from the general surrounding circumstances. The commonest localizing sign is ophthalmoplegia, recognized in 75 per cent of the cases examined. Ptosis is the commonest form of third nerve paralysis and is usually at some stage bilateral. Finally, paralysis is usually bilateral, or becomes so, but is almost invariably more intense on one side than the other.

Dr. MacNalty recognizes seven types of cases—(a) A clinical affection of the third pair of nerves; (b) affections of the brain stem and bulb, (c) affections of the long tracts, (d) the ataxic type, (e) affections of the cerebral cortex, (f) cases with evidence of spinal cord involvement, and (g) the polyneuritic type in which affection of the peripheral nerves is suspected. The prognosis is better than the alarming state of the patient in the fully developed stage would suggest. Among 168 cases 37 deaths were recorded. The duration of the stupor is very variable; occasionally it lasts two to three days,

more often two to five weeks, and in one case, which eventually recovered, it continued for eight weeks. It is too soon to speak positively of after effects, but certain manifestations have persisted after the expiration of three months from the date of onset; these are an alteration in the mental condition, persistent cranial nerve palsy, the appearance of paralysis (apparently of spinal cord origin) and athetosis. The diagnosis may be very difficult, the lethargy and the progressive character of the cranial nerve paralysis are the most characteristic signs. The frequency of ptosis, paralysis of the ocular muscles, diplopia, facial paralysis, and ocular incoordination are the cranial nerve signs; optic neuritis does not occur save in very occasional cases.

#### Diagnosis.

The most common error in diagnosis is to attribute the condition to tuberculous meningitis; in many cases a differential diagnosis from cerebrospinal meningitis can not be made without an examination of the cerebrospinal fluid, which is little, if at all, altered in the majority of cases of lethargic encephalitis.

Some of the other difficulties encountered have already been mentioned, but the essential difficulty is to separate lethargic encephalitis from the rare cases of the cerebral form of infantile paralysis. The resemblance is very close, and it seems probable that some of the cases reported in the past as cerebrospinal poliomyelitis may have been examples of the disease now newly recognized in this country [England]. Dr. MacNalty has arranged the chief criteria for diagnosis in a table which is too long and detailed for reproduction here. The main points to be noted seem to be that, though the chief symptoms of lethargic encephalitis have been described in cases reported as cerebral poliomyelitis, they are slight, of much briefer duration, and not so constant; lethargic encephalitis, on the other hand, has a very definite clinical syndrome, characterized by progressive stupor or coma, alternating delirium, headache, giddiness, asthenia, mental and emotional changes, and, in the majority of cases, by paralysis of the third pair of cranial nerves. Paralysis, when present in lethargic encephalitis, is usually bilateral and restricted to cranial nerves, but has commonly cleared completely or is less in degree two months after recovery. In these respects it presents a marked contrast to acute poliomyelitis.

There are clinical indications that in the present outbreak both poliomyelitis and lethargic encephalitis have occurred, but not in association with each other.

Dr. MacNalty considers that the question of the identity or non-identity of the two diseases is still open, but suggests that the relation between them may perhaps be comparable to that known to exist between typhoid and paratyphoid fever.

#### Treatment.

With regard to treatment, no specific method has been devised, and the best that can be done is to put the patient to bed and provide him with good nursing; cold sponging is often beneficial during the pyrexial period and tends to diminish the delirium. In many instances transient or permanent relief, with diminution of stupor, followed the withdrawal of cerebrospinal fluid by lumbar puncture, especially when the fluid was under pressure. For the pain, numbness, and tingling of the limbs warmth is the best remedy, and the bedclothes should be raised on frames. Constipation is obstinate and often difficult to overcome, except by enemata, followed by such drugs as liquid paraffin or phenolphthalein. No hypnotics and no morphine or other preparation of opium should be given, and Dr. MacNalty deprecates the administration of hexamine in large and repeated doses; if it is prescribed the urine should be carefully watched for albumin. Daily cleansing of the mouth and antiseptic treatment of the nose and mouth should be carried out, and respiratory complications systematically looked for. Finally, the patient should be given to understand that his convalescence will last for at least six months after the beginning of the illness.

---

### ESTIMATES OF POPULATION—1910-1917.

#### STATES, TERRITORIES, COUNTIES AND CITIES OF THE UNITED STATES.

A bulletin which is certain to be appreciated by public health officials is one just published by the Bureau of the Census, giving the estimates of population of the United States, the States and territories, counties, and the cities which had a population of 8,000 or more on April 15, 1910. It is true that the figures presented are not in any sense a census; nevertheless in the convenient form in which they are presented their compilation will be very useful. The bulletin also includes the results of the State enumeration made in 1915.

Health officers will find this publication valuable in making comparative studies of health conditions.

---

#### DEATHS DURING WEEK ENDED FEBRUARY 8, 1919, IN CITIES.

The following table shows the registered deaths from all causes and from pneumonia (all forms) and influenza combined, in certain large cities of the United States during the week ended February 8, 1919. The annual death rates per 1,000 population for the week and for the corresponding week of previous years are also shown.

The data are taken from the "Weekly Health Index," February 11, 1919, issued by the Bureau of the Census, Department of Commerce. The populations used in computing the rates are estimated by the Bureau of the Census as of July 1, 1918.

Registered deaths and annual death rates per 1,000 population in certain large cities of the United States, week ended Feb. 8, 1919—Deaths from all causes, and from pneumonia (all forms) and influenza combined.

City.	Popula- tion July 1, 1918, estimated.	Total deaths, all causes.	Annual death rate per 1,000.	Death rate for preceding years. <sup>1</sup>	Influenza and pneumonia (all forms).	
					Number of deaths.	Annual rate per 1,000.
Albany, N. Y.	112,565	39	18.1	C 17.6	15	6.9
Atlanta, Ga.	201,732	85	22.0	C 20.2		
Baltimore, Md.	* 669,981	364	28.3	A 20.2	126	9.8
Birmingham, Ala.	197,670	63	16.6	A 16.9	21	5.5
Boston, Mass.	785,245	301	20.0	A 17.4	89	5.9
Buffalo, N. Y.	473,229	201	22.1	C 20.5	75	8.3
Cambridge, Mass.	111,432	50	23.4	C 22.9	10	4.7
Chicago, Ill.	2,596,681	803	16.1	A 16.1	194	3.9
Cincinnati, Ohio.	418,022	150	18.7	C 19.6	39	4.9
Cleveland, Ohio.	810,306	249	16.0	C 13.0	100	6.4
Columbus, Ohio.	225,296	60	13.9	C 15.0	11	2.5
Dayton, Ohio.	130,655	42	16.8	C 21.6	8	3.2
Denver, Colo.		97				
Fall River, Mass.	123,392	45	18.3	C 14.2	17	6.9
Grand Rapids, Mich.	135,450	28	10.8	C 15.4		
Indianapolis, Ind.	289,577	112	20.2	C 17.1		
Jersey City, N. J.	318,770	114	18.6	C 12.9		
Kansas City, Mo.	313,785	115	19.1	C 20.3	40	6.6
Los Angeles, Cal.	568,495	183	16.8	A 15.3	47	4.3
Louisville, Ky.	242,707	93	20.0	C 26.0	19	4.1
Lowell, Mass.	109,081	41	19.6	A 17.1		
Memphis, Tenn.	154,759	101	34.0	C 25.3	60	20.2
Milwaukee, Wis.	453,481	100	11.5	A 13.6		
Minneapolis, Minn.	383,442	111	15.1	C 10.7		
Nashville, Tenn.	119,215	56	24.5	C 21.0	15	6.6
Newark, N. J.	428,684	147	17.9	C 15.4	45	5.5
New Haven, Conn.	154,865	41	13.8	C 18.5	12	4.0
New Orleans, La.	382,273	197	26.9	A 22.1	58	7.9
New York, N. Y.	5,215,879	2,209	22.1	C 17.7	893	8.9
Oakland, Cal.	214,206	63	15.3	A 12.9		
Omaha, Nebr.	180,264	33	9.5	C 11.0		
Philadelphia, Pa.	1,761,371	750	22.2	* 17.9	262	7.8
Pittsburgh, Pa.	593,303	288	25.3	C 20.4	145	12.7
Portland, Oreg.		62			15	
Providence, R. I.	263,613	98	19.4	C 17.0	30	5.9
Richmond, Va.	160,719	60	19.5	C 19.1	11	3.6
Rochester, N. Y.	264,856	81	15.9	C 15.6	16	3.1
St. Louis, Mo.	779,951	243	16.2	C 16.5	53	3.5
St. Paul, Minn.	257,699	63	12.7	C 10.7		
San Francisco, Cal.	478,530	147	16.0	C 14.6	41	4.5
Seattle, Wash.		90			40	
Spokane, Wash.		24				
Syracuse, N. Y.	161,404	44	14.2	C 16.2	10	3.2
Toledo, Ohio.	262,234	57	11.3	A 12.7	6	1.2
Washington, D. C.	401,681	150	19.5	A 18.8	42	5.5
Worcester, Mass.	173,650	76	22.8	C 17.1	21	6.3

<sup>1</sup> "A" indicates that the rate given is the average annual death rate per 1,000 population for the corresponding week of the years 1913 to 1917, inclusive. "C" indicates that the rate is the annual death rate per 1,000 population for the corresponding week of 1918.

\* Population estimated as of July 1, 1919.

† Rate is based on statistics of 1915, 1916, and 1917.

## FAVUS HERPETICUS OR MOUSE FAVUS IN MAN.

By R. E. BUCHANAN, Special Bacteriologist, Hygienic Laboratory, United States Public Health Service.

Mouse favus or *Favus herpeticus* in man has recently assumed some significance in the United States because of the possibility that those who handle imported Australian wheat, or are engaged in milling it, may become infected from the bags, dead mice, or possibly from the wheat itself. Men employed in resacking the grain and women engaged in mending the torn and gnawed bags have developed

many cases of favus of the glabrous skin, the *Favus herpeticus* of Quincke, caused by the dermatophyte *Achorion quinckeanum*. It may be emphasized that this fungus is quite distinct from that typical of human favus, the *Achorion Schönleinii*.

A study, made at the Hygienic Laboratory of the United States Public Health Service, of samples of wheat and of several mouse skins collected in Australia proved negative. The descriptions and figures presented by Australian physicians, however, leave no question that the disease present in Australia is favus.

It is not improbable that there may be an occasional appearance of mouse favus, or rather *Favus herpeticus*, among those handling the imported wheat. The possibility that the spores may be present in flour and cause infection in bakers is very remote and probably negligible.

The disease in man develops clinically much as *Herpes tonsurans*, but in most cases well developed cup-shaped crusts or scutula appear near the center of the lesion. The infection in man is usually not serious, yielding readily to treatment, and far more readily cured than the *Favus vulgaris* of the scalp.

There are apparently no reports of cases in the United States in recent years.

It is not probable that the danger from infection through importation of Australian wheat is sufficiently great to warrant any interference with, certainly not to warrant the exclusion of, the grain.

## THE NOTIFIABLE DISEASES.

### PREVALENCE DURING 1917 IN STATES.

**ANTHRAX, CEREBROSPINAL MENINGITIS, DIPHTHERIA, MALARIA, MEASLES, POLIO-MYELITIS, RABIES IN MAN, ROCKY MOUNTAIN SPOTTED FEVER, SCARLET FEVER, SEPTIC SORE THROAT, SMALLPOX, TUBERCULOSIS (PULMONARY AND ALL FORMS), TYPHOID FEVER, AND TYPHUS FEVER CASES, AND DEATHS REPORTED, 1917; AVERAGE NUMBER OF CASES REPORTED DURING RECENT YEARS (1912 to 1916); CASE RATES, FATALITY AND MORTALITY RATES, 1917.**

The tables which appear on the following pages have been compiled from data furnished by the health officers of the several States in response to requests from the United States Public Health Service.

Thirty-six States, Hawaii, Porto Rico, and the District of Columbia filled out and returned the schedules, viz: Alabama, Arkansas, California, Colorado, Connecticut, District of Columbia, Hawaii, Illinois, Indiana, Iowa, Kansas, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Montana, Nevada, New Jersey, New York, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Porto Rico, Rhode Island, South Carolina, South Dakota, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming.

The populations used in computing the case rates and death rates were those estimated by the Bureau of the Census as of July 1, 1917,



except for the population of Iowa. For this State the population in 1910, as ascertained by the census of that year, was used, as no estimate for 1917 was available.

The averages for preceding years were obtained by adding together the figures for the years 1912, 1913, 1914, 1915, and 1916 and dividing the sum by 5. Data for the full five years were not available for some of the States. The column headed "Averages are for —" shows the number of years for which the figures were obtainable. In all instances the average figures are for years between 1912 and 1916, inclusive.

In comparing the figures for 1917 with the averages for preceding years, it should be borne in mind that an increase in the number of cases reported may indicate that there were more cases of the particular disease in the State during 1917, or it may indicate that the cases were better reported by the physicians.

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 State is active and that the cases of the disease are being well reported by the practicing physicians. It does not necessarily mean that the disease is more prevalent in that State than in other States. A high fatality rate may mean that the disease was unusually virulent in a State, that the physicians did not treat the disease in that State with the success usual elsewhere, or that the practicing physicians did not report all of their cases. On the other hand, an unusually low fatality rate may be due to the fact that the disease in the State was unusually mild, that the physicians treated it with unusual success, that the practicing physicians reported their cases satisfactorily, or that the registration of death was incomplete, or the assignment of the causes of death inaccurate.

#### RABIES IN MAN.

##### *Cases and Deaths, 1917.*

State.	Estimated population. July 1, 1917.	Cases.	Deaths.
Alabama.....	2,363,939	1	1
Colorado.....	968,320	2	2
Connecticut.....	1,265,373	3	3
Illinois.....	6,264,995	3	3
Indiana.....	2,865,492	1	2
Louisiana.....	1,866,954	4	4
Minnesota.....	2,312,445	2	2
New Jersey.....	3,014,194	3	3
New York.....	10,460,182	2	5
Ohio.....	5,212,085	3	4
Pennsylvania.....	8,660,042	3	3
South Carolina.....	1,643,205	.....	6
Texas.....	4,515,423	.....	2
Wisconsin.....	2,527,167	3	3



State.	Number of cases reported.												Total cases, 1917.	Total deaths, 1917.	Cases reported per 1,000 inhabitants, 1917.	Indicated fatality rate per 100 cases, 1917.	Indicated death rate per 1,000, 1917.
	August.		September.		October.		November.		December.		Total cases, 1916.						
	1916	1917	1916	1917	1916	1917	1916	1917	1916	1917							
												1916					
California.....	3	6	4	2	2	7	0	6	0	0	12	23	6	0.008	26.09	0.002	
Colorado.....	4	4	0	0	0	0	0	0	0	0	4	4	1	.004	25.00	.001	
Connecticut.....	0	0	0	0	0	0	0	0	1	1	1	1	0	.001	.....	.....	
Illinois.....	0	0	0	0	0	0	0	0	0	0	4	2	0	.....	.....	.....	
Kansas.....	0	0	0	0	0	0	0	0	1	0	4	2	2	.001	100.00	.001	
Louisiana.....	0	3	1	0	0	4	0	0	0	2	4	27	4	.015	14.81	.002	
Maryland.....	1	1	0	0	0	0	0	0	0	0	4	1	1	.001	.....	.....	
Massachusetts.....	2	2	0	6	3	8	1	4	2	4	31	54	11	.014	30.37	.003	
New Jersey.....	0	0	0	1	2	1	0	2	2	0	7	21	6	.007	28.87	.002	
New York.....	2	2	1	3	2	1	1	8	0	1	15	32	12	.003	37.50	.001	
Ohio.....	0	0	0	0	0	0	0	0	0	0	1	3	1	.001	33.33	.....	
Pennsylvania.....	0	3	5	0	3	2	6	1	0	0	31	25	11	.003	44.00	.001	
Texas.....	0	0	0	0	0	0	0	0	0	0	0	3	3	.....	.....	.....	
Vermont.....	0	0	0	0	0	2	0	0	0	0	0	2	1	.005	50.00	.003	
Wisconsin.....	0	0	0	1	0	1	0	0	0	0	0	2	2	.001	100.00	.001	

CEREBROSPINAL MENINGITIS.

State.	Estimated population July 1, 1917.	Averages are for—	Number of cases reported.													
			January.		February.		March.		April.		May.		June.		July.	
			Aver- age.	1917	Aver- age.	1917	Aver- age.	1917	Aver- age.	1917	Aver- age.	1917	Aver- age.	1917	Aver- age.	1917
Alabama.....	2,363,839	3 years.....	12	3	13	5	9	4	18	3	11	5	3	7	3	10
Arkansas.....	1,766,343	4 years.....	8	2	6	0	1	1	0	0	0	2	2	0	2	3
California.....	3,029,032	4 years.....	3	9	3	4	11	6	6	80	5	6	6	4	4	28
Connecticut.....	1,265,373	4 years.....	33	33	33	33	6	57	6	11	5	48	2	2	12	
District of Columbia.....	369,262	4 years.....	( <sup>1</sup> )	0	( <sup>1</sup> )	0	( <sup>1</sup> )	6	( <sup>1</sup> )	3	1	6	6	3	2	
Hawaii.....	219,580	4 years.....	( <sup>1</sup> )	0	( <sup>1</sup> )	0	( <sup>1</sup> )	3	( <sup>1</sup> )	0	( <sup>1</sup> )	0	0	0	1	
Illinois.....	6,231,935	2 years.....	24	12	14	14	23	28	24	42	14	63	9	57	61	
Indiana.....	2,633,492	3 years.....	10	10	5	10	9	9	9	14	8	6	5	5	3	
Iowa.....	2,924,771	3 years.....	4	4	3	2	4	22	4	4	2	4	1	1	1	
Kansas.....	1,851,870	4 years.....	4	9	4	15	5	19	4	21	3	22	2	5	6	
Louisiana.....	1,856,954	3 years.....	6	1	7	3	5	2	4	3	2	0	1	1	2	
Maine.....	777,340	2 years.....	0	0	6	2	2	0	0	0	0	0	0	0	0	
Maryland.....	1,373,673	2 years.....	5	0	6	6	2	20	6	30	2	2	3	3	8	
Massachusetts.....	3,775,973	2 years.....	14	11	15	9	16	17	15	17	14	23	16	36	15	
Minnesota.....	2,312,445	4 years.....	1	5	3	33	4	78	4	103	3	68	2	32	14	
Mississippi.....	1,976,570	3 years.....	5	1	7	3	8	1	3	1	6	3	2	3	2	
Montana.....	472,935	3 years.....	1	0	1	1	1	1	1	1	1	1	2	2	1	
Nevada.....	110,738	2 years.....	3	0	1	0	( <sup>1</sup> )	3	0	0	0	0	0	0	0	
New Jersey.....	3,014,194	4 years.....	25	31	26	41	36	52	33	55	41	79	27	41	18	
New York.....	10,460,182	4 years.....	14	10	16	39	17	101	29	150	15	114	13	62	34	
Ohio.....	5,212,085	3 years.....	( <sup>1</sup> )	10	1	0	1	1	1	1	1	2	0	0	31	
Oregon.....	868,992	2 years.....	12	22	11	37	11	141	20	212	14	173	11	128	1	
Pennsylvania.....	8,660,042	1916.....	1	5	1	3	1	4	2	14	5	4	2	5	43	
Porto Rico.....	1,231,890	1916.....	1	0	1	0	1	1	1	1	1	1	1	1	1	
Rhode Island.....	625,865	1916.....	1	0	1	0	1	1	1	1	1	1	1	1	14	
South Carolina.....	1,643,205	4 years.....	2	1	1	2	3	1	2	2	( <sup>1</sup> )	1	5	2	0	
South Dakota.....	716,972	2 years.....	0	0	1	1	1	1	1	1	1	1	2	2	1	
Texas.....	4,615,423	1915.....	3	12	4	13	6	10	1	9	1	10	2	13	7	
Vermont.....	364,046	1916.....	0	0	7	0	0	0	0	0	0	0	0	0	1	
Virginia.....	2,213,025	2 years.....	23	13	15	19	26	24	25	16	13	16	25	10	10	
Washington.....	1,597,400	4 years.....	2	0	2	0	1	1	2	2	1	1	1	1	2	
West Virginia.....	1,412,602	4 years.....	7	7	6	6	5	5	9	10	6	11	1	3	2	
Wisconsin.....	2,927,167	4 years.....	11	3	8	6	12	16	9	21	6	24	10	19	5	
Wyoming.....	184,970	3 years.....	0	0	( <sup>1</sup> )	1	( <sup>1</sup> )	0	1	1	( <sup>1</sup> )	1	0	0	0	

State.	Number of cases reported.												Average number of cases per year.	Total cases, 1917.	Total deaths, 1917.	Cases reported per 1,000 inhabitants, 1917.	Indicated fatality rate per 100 cases, 1917.	Indicated death rate per 1,000, 1917.
	August.		September.		October.		November.		December.		Average.							
	Aver. age.	1917	Aver. age.	1917	Aver. age.	1917	Aver. age.	1917	Aver. age.	1917								
Alabama.....	2	1	2	7	3	5	6	2	16	84	63	19	0.027	30.16	0.008			
Alaska.....																		
Arizona.....	4	11	3	3	5	6	15	1	20	69	133	43	.044	21.69	.009			
Arkansas.....	3	6	3	12	2	4	4	3	4	42	312	28	.217	51.29	.176			
California.....	0	1	(1)	1	(1)	4	2	(1)	8	0	38	17	.089	51.52	.046			
Colorado.....																		
District of Columbia.....																		
Hawaii.....	(1)	1	(1)	0	(1)	36	13	0	2	8	11	7	.050	63.64	.082			
Illinois.....	13	36	16	37	10	2	29	0	33	186	450	322	.072	71.56	.062			
Indiana.....	2	4	3	4	4	2	2	3	4	58	90	62	.032	68.89	.022			
Iowa.....	1	3	0	6	4	0	4	1	7	28	45	41	.020	91.11	.018			
Kansas.....	2	4	4	6	3	5	1	14	26	39	152	.....	.082	.....	.....			
Kentucky.....	(1)	0	(1)	0	2	2	2	8	3	34	42	42	.023	.....	.....	.....		
Louisiana.....																		
Maine.....	5	2	3	4	1	2	1	1	1	22	6	6	.115	13.92	.016			
Maryland.....	10	19	15	8	3	11	12	7	15	50	198	22	.062	80.61	.042			
Massachusetts.....	3	6	1	6	2	5	2	3	6	164	196	158	.155	51.81	.080			
Minnesota.....	1	0	4	5	3	6	4	7	9	53	40	5	.020	12.50	.008			
Mississippi.....	2	0	1	1	1	1	(1)	0	1	13	9	29	.027	66.07	.018			
Montana.....	(1)	0	(1)	0	(1)	0	0	0	0	10	3	2	.....	.....	.....			
Nevada.....	15	9	4	0	8	8	6	19	19	345	484	310	.046	64.05	.080			
New Jersey.....	22	27	27	28	27	17	18	35	31	345	484	310	.046	64.05	.080			
New York.....	24	22	27	28	27	17	18	35	31	345	484	310	.046	64.05	.080			
Ohio.....	12	26	8	22	14	17	17	17	30	180	690	313	.121	49.68	.040			
Oregon.....	0	2	0	2	0	1	0	0	1	4	11	2	.013	18.18	.002			
Pennsylvania.....	25	41	15	28	8	31	11	22	26	162	901	916	.004	40.00	.072			
Puerto Rico.....	0	0	0	0	0	0	0	1	0	0	5	2	.004	76.31	.072			
Rhode Island.....	2	3	1	1	2	5	2	3	3	21	64	45	.004	76.31	.072			
South Carolina.....	1	0	1	2	(1)	1	(1)	0	128	19	144	96	.088	59.72	.052			
South Dakota.....	0	0	1	0	0	6	0	0	2	8	21	8	.011	62.85	.015			
Texas.....	3	1	4	0	0	1	1	4	15	30	96	109	.029	39.36	.005			
Vermont.....	0	0	0	0	0	0	0	0	6	7	6	2	.016	.....	.....			
Virginia.....	14	9	18	8	14	4	8	15	25	212	169	169	.076	.....	.....			
Washington.....	1	1	1	0	2	3	(1)	2	7	14	32	31	.020	96.88	.020			
West Virginia.....	7	9	4	11	6	13	6	6	5	92	128	248	.028	72.50	.021			
Wisconsin.....																		
Wyoming.....	(1)	1	0	0	0	0	(1)	1	1	7	5	14	.....	.....	.....			

1 Less than 1.

DIPHTHERIA.

State.	Estimated population July 1, 1917.	Number of cases reported.															
		Averages are for—		January.		February.		March.		April.		May.		June.		July.	
			Aver- age.	1917	Aver- age.	1917	Aver- age.	1917	Aver- age.	1917	Aver- age.	1917	Aver- age.	1917	Aver- age.	1917	Aver- age.
Alabama.....	2,365,939	35	59	36	34	38	32	27	22	12	21	20	18	4	20	18	
Arkansas.....	1,766,343	29	29	10	7	13	7	27	6	12	4	4	4	4	4	4	
California.....	3,029,032	251	354	316	271	195	202	243	228	218	129	142	97	24	142	97	
Colorado.....	888,320	41	35	27	50	62	38	68	35	29	36	32	32	24	36	32	
Connecticut.....	1,265,373	254	222	192	177	177	167	159	142	149	137	117	142	16	137	142	
District of Columbia.....	369,282	63	61	48	32	42	40	34	25	21	18	19	16	16	19	16	
Hawaii.....	219,580	15	17	15	14	48	5	10	3	8	11	6	9	9	6	9	
Illinois.....	6,234,965	1,316	821	1,092	876	1,319	1,087	744	1,143	730	980	595	890	6	595	890	
Indiana.....	2,835,492	409	267	176	176	235	188	118	197	95	150	101	153	153	101	153	
Iowa.....	2,224,771	80	45	74	35	59	59	41	56	40	82	38	66	66	38	66	
Kansas.....	1,851,970	114	170	95	74	95	54	52	42	40	30	26	66	66	30	66	
Louisiana.....	1,856,954	125	75	81	67	75	61	56	42	27	33	26	65	65	26	65	
Maine.....	1,777,340	35	28	22	20	20	19	18	19	19	17	17	33	33	17	33	
Maryland.....	1,373,673	262	181	196	134	182	125	93	104	74	74	55	54	54	55	54	
Massachusetts.....	3,775,973	662	660	599	567	858	507	738	507	464	703	371	597	597	371	597	
Michigan.....	3,094,236	463	645	339	352	722	318	549	807	610	298	243	468	468	243	468	
Minnesota.....	2,312,445	281	261	229	233	116	207	244	335	179	361	137	444	444	137	444	
Mississippi.....	1,976,570	70	70	53	39	32	30	18	18	37	33	37	49	49	33	49	
Montana.....	1,476,935	15	16	15	14	29	13	10	35	14	19	16	29	29	16	29	
Nebraska.....	1,110,738	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
New Jersey.....	3,014,198	611	483	506	511	438	416	507	395	465	365	347	328	328	347	328	
New York.....	10,680,182	2,062	1,744	1,923	1,713	1,949	1,753	1,896	1,711	1,949	1,582	1,199	1,308	1,308	1,199	1,308	
North Dakota.....	765,319	33	36	36	24	46	24	23	23	33	33	33	46	46	33	46	
Ohio.....	5,212,085	909	681	702	613	662	469	421	600	362	562	330	410	410	330	410	
Oklahoma.....	2,289,855	138	64	80	58	56	42	49	27	32	15	27	6	6	15	27	
Oregon.....	861,992	38	15	29	20	19	23	23	10	19	24	14	9	9	14	9	
Pennsylvania.....	8,660,042	1,319	1,503	1,237	902	1,268	801	905	1,091	699	927	626	907	907	626	907	
Porto Rico.....	1,231,860	18	9	12	18	2	2	6	16	6	9	3	3	3	6	3	
Rhode Island.....	1,625,865	119	99	108	93	114	72	80	89	58	68	54	114	114	58	114	
South Carolina.....	1,643,205	97	96	82	63	72	75	55	44	44	75	68	48	48	68	48	
South Dakota.....	4,716,972	34	30	17	35	28	16	17	27	16	17	26	11	11	17	26	
Texas.....	4,515,423	140	173	96	123	70	78	142	28	63	50	33	93	93	50	93	
Utah.....	443,866	37	28	31	30	23	30	22	22	22	18	18	8	8	18	8	
Vermont.....	364,946	44	37	24	35	20	40	36	38	36	24	24	24	24	36	24	
Virginia.....	2,213,025	259	251	252	148	126	97	78	72	81	60	52	63	63	52	63	
Washington.....	1,597,400	54	54	45	41	24	43	36	40	36	30	30	23	23	36	23	
West Virginia.....	1,412,602	261	231	153	188	236	181	147	265	117	159	101	181	181	101	181	
Wisconsin.....	2,627,167	2	2	4	2	16	4	2	8	0	0	0	2	2	0	2	
Wyoming.....	2,184,970	5	5	4	2	16	4	2	8	0	0	0	2	2	0	2	

State.	Number of cases reported.												Average number of cases per year.	Total cases, 1917.	Total deaths, 1917.	Cases reported per 1,000 inhabitants, 1917.	Indicated fatality rate per 100 cases, 1917.	Indicated death rate per 1,000, 1917.
	August.		September.		October.		November.		December.		Aver. age.							
	Aver. age.	1917.	Aver. age.	1917.	Aver. age.	1917.	Aver. age.	1917.	Aver. age.	1917.								
Alabama.....	62	56	121	127	111	160	86	107	56	61	617	737	191	0.312	25.92	0.081		
Arkansas.....	149	115	149	112	249	298	342	303	337	298	2,772	2,598	107	1.163	37.15	0.061		
California.....	32	44	61	28	76	76	76	49	63	84	555	586	45	5.93	7.68	0.046		
Connecticut.....	92	104	146	162	252	337	290	338	268	294	2,263	2,224	224	1.871	9.46	0.177		
District of Columbia.....	16	9	25	65	60	357	91	263	92	88	533	1,130	37	3.060	3.27	0.100		
Hawaii.....	11	14	15	11	13	10	10	7	15	15	180	121	18	5.51	14.88	0.082		
Illinois.....	501	722	754	1,212	814	1,352	1,521	2,046	1,421	1,161	11,305	13,732	1,725	2.202	12.56	0.277		
Indiana.....	174	207	366	424	792	792	693	592	486	488	3,623	4,097	444	1.445	10.84	0.157		
Iowa.....	25	39	46	50	128	104	152	78	90	89	855	637	138	2.734	21.46	0.084		
Kansas.....	49	46	81	79	282	193	335	221	218	162	1,353	1,222	155	7.31	11.46	0.054		
Louisiana.....	53	165	105	306	180	203	131	111	92	72	996	1,292	102	6.58	8.35	0.055		
Maine.....	27	15	22	29	73	23	44	82	87	37	407	302	65	3.89	21.52	0.064		
Massachusetts.....	388	590	428	728	302	245	365	228	274	203	2,212	1,596	134	1.162	8.39	0.086		
Michigan.....	283	398	391	381	596	1,152	672	1,181	1,156	1,156	6,483	10,322	836	2.734	8.10	0.221		
Minnesota.....	145	503	186	321	341	442	334	415	661	649	5,025	7,300	783	2.359	10.73	0.253		
Mississippi.....	102	64	146	166	224	179	180	155	137	103	2,794	3,890	254	1.481	6.53	0.110		
Missouri.....	13	15	14	20	20	21	25	20	22	22	1,092	985	157	1.481	16.51	0.079		
Montana.....	(1)	2	(1)	0	0	0	0	0	0	0	194	287	30	6.07	13.58	0.092		
Nevada.....	296	379	402	402	613	610	758	676	661	542	6,070	5,323	5	1.772	28.32	0.045		
New Jersey.....	1,010	1,074	1,196	1,196	1,654	1,966	1,780	1,889	2,011	1,710	20,152	19,183	447	1.787	9.10	0.167		
New York.....	34	61	61	61	1,654	1,966	1,780	1,889	2,011	1,710	20,152	19,183	447	1.787	9.10	0.167		
North Dakota.....	438	438	771	838	1,323	1,064	1,423	1,020	995	772	6,756	7,985	48	1.522	8.91	0.093		
Ohio.....	59	59	158	82	265	205	232	171	180	108	1,396	7,985	749	1.522	9.75	0.144		
Oregon.....	17	21	14	14	20	91	37	22	37	17	291	171	108	1.198	14.75	0.047		
Pennsylvania.....	826	982	1,087	1,626	1,710	2,241	1,858	2,042	1,607	1,503	13,277	16,404	2,016	1.894	12.29	0.029		
Porto Rico.....	27	5	5	69	18	22	12	12	7	94	139	112	40	0.091	35.71	0.02		
Rhode Island.....	41	72	65	69	166	110	110	107	94	104	1,031	1,196	151	1.895	12.73	0.241		
South Carolina.....	166	137	341	218	371	259	245	33	17	25	1,809	1,594	70	0.934	4.56	0.043		
South Dakota.....	13	18	15	9	31	183	651	262	349	294	2,432	1,309	238	3.15	7.09	0.022		
Texas.....	78	17	20	37	533	183	41	41	41	36	343	306	43	0.67	15.19	0.053		
Utah.....	17	26	28	28	77	64	61	58	61	22	452	344	27	0.925	14.10	0.087		
Vermont.....	26	18	25	25	77	44	41	38	349	186	3,454	2,048	27	945	7.85	0.074		
Virginia.....	228	149	450	296	720	281	639	360	349	186	3,454	2,048	27	945	7.85	0.074		
Washington.....	27	25	32	35	35	42	44	44	41	41	462	462	47	11.35	259	0.029		
West Virginia.....	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	0.029	
Wisconsin.....	149	195	151	200	245	235	269	217	217	244	2,183	927	73	6.66	7.87	0.069		
Wyoming.....	(1)	5	5	12	4	12	4	21	1	1	29	117	14	0.63	12.94	0.176		

1 Less than 1







MEASLES.

Number of cases reported.

State.	Estimated population July 1, 1917.	Number of cases reported.													
		January.		February.		March.		April.		May.		June.		July.	
		Aver. age.	1917	Aver. age.	1917	Aver. age.	1917	Aver. age.	1917	Aver. age.	1917	Aver. age.	1917	Aver. age.	1917
Alabama.....	2,363,939	7	781	75	3,805	169	5,787	197	4,222	156	2,060	80	525	31	193
Arkansas.....	1,769,343	.....	894	.....	1,517	.....	1,705	.....	1,743	.....	4,474	.....	176	.....	32
California.....	3,029,632	664	1,604	789	2,305	1,148	3,898	1,065	4,411	676	4,041	717	1,703	257	665
Colorado.....	968,321	260	635	421	2,008	632	3,197	886	2,306	1,088	1,355	390	1,083	102	66
Connecticut.....	1,268,373	600	853	728	2,600	877	1,068	1,049	1,068	1,084	1,450	354	1,084	378	297
District of Columbia.....	1,306,282	198	89	391	207	949	517	410	810	1,864	882	297	572	147	192
Hawaii.....	219,580	12	12	38	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois.....	6,234,965	2,065	4,969	2,649	6,453	3,355	11,106	3,607	10,534	2,998	9,415	1,831	4,255	664	1,331
Indiana.....	2,856,492	198	4,145	1,240	5,353	2,142	7,352	3,001	7,288	3,011	3,908	2,157	1,288	473	249
Iowa.....	1,851,670	198	972	742	2,716	1,464	6,314	1,702	5,915	1,733	3,938	573	1,948	149	218
Kansas.....	1,826,954	43	4,047	46	1,866	86	933	119	1,108	361	108	231	70	101	41
Louisiana.....	1,777,340	8	112	22	309	47	341	53	253	10	224	23	374	250	119
Maine.....	1,372,673	556	801	686	761	1,465	1,292	1,327	1,948	1,416	2,669	1,197	1,662	381	605
Maryland.....	3,776,973	2,308	1,866	2,903	2,197	3,837	2,852	4,383	3,170	4,217	4,284	3,260	3,852	1,538*	1,347
Massachusetts.....	3,094,266	730	508	726	1,798	1,287	1,798	1,280	2,360	1,540	2,846	927	1,914	263	560
Michigan.....	2,312,445	265	285	522	705	949	1,020	870	1,729	703	2,362	411	1,356	143	303
Minnesota.....	1,976,570	394	3,008	934	7,638	1,943	9,063	1,684	6,092	1,341	3,580	527	1,847	187	946
Mississippi.....	1,472,935	317	515	256	553	385	1,028	352	214	357	597	166	1,208	45	64
Montana.....	110,738	24	128	33	345	42	583	26	214	53	43	12	45	1	43
Nevada.....	3,014,194	4,963	3,891	6,097	5,007	8,900	7,902	10,373	9,451	11,124	11,712	8,537	9,563	3,951	421
New Jersey.....	10,460,182	10,460,182	10,460,182	10,460,182	10,460,182	10,460,182	10,460,182	10,460,182	10,460,182	10,460,182	10,460,182	10,460,182	10,460,182	10,460,182	10,460,182
New York.....	765,319	2,158	2,158	2,158	2,158	2,158	2,158	2,158	2,158	2,158	2,158	2,158	2,158	2,158	2,158
North Dakota.....	2,289,855	173	644	245	1,195	205	1,184	120	1,014	1,057	1,057	5,519	4,329	2,498	1,334
Ohio.....	8,600,042	6,044	4,245	7,876	4,487	12,169	5,337	12,169	5,337	12,169	5,337	12,169	5,337	12,169	5,337
Oklahoma.....	1,231,880	181	112	181	181	181	181	181	181	181	181	181	181	181	181
Oregon.....	1,231,880	150	48	122	32	266	37	264	89	259	147	157	109	58	110
Pennsylvania.....	8,600,042	176	1,373	352	2,202	432	398	604	72	310	156	310	72	43	43
Porto Rico.....	1,043,205	228	124	216	184	154	350	168	168	339	139	97	88	24	17
Rhode Island.....	4,515,423	574	574	574	574	574	574	574	574	574	574	574	574	574	574
South Carolina.....	1,716,972	228	124	216	184	154	350	168	168	339	139	97	88	24	17
South Dakota.....	4,515,423	574	574	574	574	574	574	574	574	574	574	574	574	574	574
Texas.....	4,515,423	574	574	574	574	574	574	574	574	574	574	574	574	574	574
Utah.....	443,866	587	443,866	443,866	443,866	443,866	443,866	443,866	443,866	443,866	443,866	443,866	443,866	443,866	443,866
Vermont.....	364,946	68	68	68	68	68	68	68	68	68	68	68	68	68	68
Virginia.....	2,213,025	807	3,388	1,043	4,847	2,331	4,947	3,018	4,105	3,650	2,208	1,670	1,119	488	421
Washington.....	1,597,400	325	4,099	469	4,605	3,873	1,397	2,477	2,477	1,327	1,400	888	1,592	309	125
West Virginia.....	1,412,602	1,197	1,197	1,197	1,197	1,197	1,197	1,197	1,197	1,197	1,197	1,197	1,197	1,197	1,197
Wisconsin.....	2,527,167	964	1,256	1,045	352	1,430	632	1,170	684	1,065	1,267	885	1,143	376	388
Wyoming.....	194,970	33	75	62	108	69	47	120	120	45	346	24	69	13	28

State.	Number of cases reported.												Total cases, 1917.	Total deaths, 1917.	Cases reported per 1,000 inhabitants, 1917.	Indicated fatality rate per 100 cases, 1917.	Indicated death rate per 1,000, 1917.
	August.		September.		October.		November.		December.		Average number of cases, per year.						
	Aver. age.	1917.	Aver. age.	1917.	Aver. age.	1917.	Aver. age.	1917.	Aver. age.	1917.							
Alabama.....	14	157	9	64	4	165	11	407	23	1,027	776	19,198	486	8,119	2.43	0.197	
Arkansas.....	5	530	225	101	369	67	543	360	1,950	1,950	7,007	7,845	216	4,442	2.73	1.122	
California.....	150	90	59	319	49	310	61	360	107	835	7,007	21,953	188	7,246	2.70	0.82	
Colorado.....	68	108	32	54	33	268	208	414	363	689	6,353	10,374	69	10,367	1.69	0.970	
Connecticut.....	30	34	11	25	8	208	21	208	58	268	3,807	7,462	126	8,387	1.69	1.00	
District of Columbia.....	13	1	23	2	86	1	86	1	1	2	663	3,807	14	10,369	3.37	0.83	
Hawaii.....	101	312	114	189	260	122	511	389	984	417	19,159	49,512	768	7,941	2.91	0.014	
Illinois.....	89	67	55	22	180	52	119	323	196	270	14,254	30,083	580	10,669	1.83	1.123	
Indiana.....	37	27	22	47	37	176	95	448	196	700	6,968	22,484	233	12,130	1.04	1.126	
Iowa.....	34	70	26	23	71	364	160	1,871	830	628	1,643	10,534	250	5,673	2.37	1.135	
Kansas.....	53	43	34	52	68	48	323	359	238	799	1,129	3,035	130	3,904	4.28	1.167	
Maine.....	133	154	103	82	123	102	424	291	771	446	8,782	10,613	117	7,728	1.10	0.985	
Maryland.....	394	380	171	241	385	689	745	1,232	1,205	1,920	25,336	23,880	366	6,324	1.53	0.997	
Massachusetts.....	73	212	73	98	229	467	321	437	514	189	4,302	12,453	241	4,025	1.94	0.978	
Michigan.....	44	41	22	20	59	42	131	211	183	189	8,232	8,303	121	3,591	1.46	0.952	
Minnesota.....	109	408	111	397	55	1,265	129	5,792	222	9,380	7,536	49,422	546	25,004	1.11	2.275	
Mississippi.....	20	20	17	7	49	24	48	22	110	47	2,124	1,465	40	8,215	1.03	0.985	
Montana.....	1	1	3	0	7	8	8	8	6	47	226	1,465	1	13,229	1.07	0.009	
Nevada.....	1	182	70	326	70	855	855	1,951	5,471	1,951	61,584	60,860	862	5,818	1.47	0.985	
New Jersey.....	1,118	954	531	525	1,021	1,018	1,907	2,254	3,062	5,471	61,584	60,860	862	5,818	1.47	0.985	
New York.....	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
North Dakota.....	261	127	150	101	324	202	780	493	1,272	507	29,848	27,971	564	5,367	2.02	1.08	
Ohio.....	13	9	13	11	18	8	36	46	38	374	1,429	11,264	168	4,919	1.49	0.773	
Oklahoma.....	32	8	22	11	40	1	68	32	162	41	1,397	4,628	55	5,369	1.19	0.674	
Oregon.....	873	248	518	224	1,320	590	2,741	967	4,411	637	67,069	31,417	513	3,628	1.63	0.959	
Pennsylvania.....	345	540	540	540	861	861	861	861	861	861	7,001	1,372	1,372	3,628	1.63	0.959	
Porto Rico.....	12	11	6	6	18	27	85	26	38	40	1,474	7,200	75	1,450	19.60	1.114	
Rhode Island.....	26	1	17	13	29	30	115	206	302	585	2,079	5,646	183	3,436	8.24	1.111	
South Carolina.....	3	22	2	6	4	39	12	116	18	78	1,477	1,028	3	1,434	3.29	0.004	
South Dakota.....	19	25	13	18	100	64	242	267	296	591	4,032	4,748	672	1,051	14.16	1.449	
Texas.....	68	107	56	39	60	21	62	29	96	23	1,114	15,035	104	33,873	69	234	
Vermont.....	176	172	131	133	240	134	499	646	837	1,088	14,977	10,426	79	28,569	1.70	2.16	
Virginia.....	101	37	62	18	316	19	559	38	763	31	6,984	17,244	203	10,793	1.18	1.17	
Washington.....	29	29	50	40	226	152	333	226	540	417	8,183	2,960	61	2,770	1.07	0.635	
West Virginia.....	78	94	50	40	226	152	333	226	540	417	8,183	2,960	61	2,770	1.07	0.635	
Wisconsin.....	3	7	4	6	4	11	20	23	23	48	8,408	1,063	7	5,752	1.70	0.024	
Wyoming.....	3	7	4	6	4	11	20	23	23	48	8,408	1,063	7	5,752	1.70	0.024	



State.	Number of cases reported.												Total cases, 1917.	Averages number of cases, per year.	Total deaths, 1917.	Cases reported per 1,000 inhab. ans., 1917.	Indicated fatality rate per 100 cases, 1917.	Indicated death rate per 1,000, 1917.				
	August.		September.		October.		November.		December.		Total	Average							Total	Cases	Indicated	Indicated
	Aver-	1917	Aver-	1917	Aver-	1917	Aver-	1917	Aver-	1917												
	age.		age.		age.		age.		age.													
Alabama.....	32	7	4	3	3	4	3	3	2	1	97	42	0.018	57.14	0.010							
Arkansas.....	10	11	2	0	0	0	0	0	0	0	14	8	.....	.....	.....							
California.....	2	0	2	12	13	8	8	8	10	7	85	67	.022	43.26	.010							
Colorado.....	76	6	2	5	3	3	3	3	0	0	19	8	.068	12.50	.001							
Connecticut.....	4	4	2	2	8	1	1	1	3	0	211	29	.023	62.07	.014							
District of Columbia.....	(1)	4	0	2	2	1	0	0	(1)	0	13	6	.016	33.33	.005							
Hawaii.....	46	87	61	324	266	19	72	11	14	249	863	236	.137	27.67	.038							
Illinois.....	21	17	24	10	18	4	9	4	4	33	60	60	.024	47.83	.012							
Indiana.....	28	21	28	91	16	22	10	3	2	101	157	63	.071	40.13	.028							
Iowa.....	13	20	10	23	15	7	6	6	4	0	68	74	.040	22.97	.009							
Kansas.....	4	0	2	2	1	1	1	0	2	2	31	11	.....	.....	.....							
Louisiana.....	19	1	56	0	42	3	30	2	6	0	149	11	.014	27.27	.004							
Maine.....	44	25	55	19	62	7	22	0	2	1	209	89	.065	16.85	.011							
Maryland.....	113	38	257	16	270	11	76	10	19	4	819	174	.046	29.89	.014							
Massachusetts.....	53	8	59	10	37	16	10	8	6	3	198	73	.024	43.84	.010							
Michigan.....	75	13	53	13	26	6	9	1	2	3	230	75	.032	13.33	.004							
Minnesota.....	16	5	11	3	7	7	7	7	11	6	150	56	.023	19.07	.005							
Mississippi.....	9	7	11	3	7	4	7	3	5	3	35	27	.073	16.22	.013							
Montana.....	430	11	199	8	58	4	12	3	(1)	4	848	91	.080	37.36	.011							
New Jersey.....	1,231	59	534	39	203	15	57	15	21	6	3,059	295	.028	31.86	.009							
New York.....	5	7	5	11	11	11	10	10	2	2	31	36	.047	16.85	.008							
North Dakota.....	94	93	103	76	54	31	20	11	8	0	358	354	.008	35.03	.024							
Ohio.....	2	1	5	2	5	2	1	0	0	8	14	20	.009	45.00	.004							
Oklahoma.....	(1)	4	2	3	8	2	2	2	(1)	2	14	20	.023	5.00	.001							
Oregon.....	389	139	422	121	209	72	47	50	17	25	1,172	555	.064	21.98	.014							
Pennsylvania.....	2	1	3	3	2	2	2	1	1	0	49	9	.014	77.78	.011							
Rhode Island.....	7	7	1	10	4	7	0	4	2	2	8	16	.010	68.75	.007							
South Carolina.....	0	1	4	1	0	0	0	0	0	0	8	35	.049	25.71	.013							
South Dakota.....	2	7	1	1	1	1	1	1	1	1	11	11	.....	.....	.....							
Texas.....	32	43	58	29	31	9	6	1	4	0	136	172	.471	8.72	.041							
Vermont.....	31	85	33	43	27	29	25	0	12	0	261	269	.122	11.45	.027							
Virginia.....	72	72	59	16	16	13	7	10	6	6	148	332	.023	42.11	.009							
West Virginia.....	47	6	49	6	28	13	0	5	4	4	24	57	.005	.....	.....							
Wisconsin.....	2	0	3	0	0	0	1	0	1	0	7	7	.....	.....	.....							
Wyoming.....	2	0	0	0	0	0	0	0	1	0	1	1	.....	.....	.....							

1 Less than 1.

ROCKY MOUNTAIN SPOTTED FEVER.

State.	Estimated population July 1, 1917.	January.		February.		March.		April.		May.		June.		July.	
		Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
California.....	3,029,652	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Colorado.....	988,320	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Montana.....	472,935	0	0	0	0	0	0	0	0	4	5	5	1	5	2
Nevada.....	110,738	0	0	0	0	0	0	1	0	3	0	5	.0	2	2
Oregon.....	861,962	0	0	0	0	0	0	2	0	2	3	0	2	0	1
Utah.....	443,864	0	0	0	0	0	0	2	0	5	6	6	0	2	1
Wyoming.....	184,970	0	0	0	0	0	0	1	0	1	3	1	0	0	4
State.	August.		September.		October.		November.		December.		Total cases, 1917.	Total deaths, 1917.	Cases reported per 1,000 inhabitants.	Indicated fatality rate per 100 cases.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.					
															Cases.
California.....	2	0	0	0	0	0	0	0	0	0	3	1	0.001	33.33	
Colorado.....	0	0	0	0	0	0	0	0	0	0	5	2	.005	40.00	
Montana.....	0	0	0	0	0	0	0	0	0	0	14	8	.030	57.14	
Nevada.....	0	0	1	0	0	0	0	0	0	0	12	2	.108	16.67	
Oregon.....	0	0	0	0	0	0	0	0	0	0	4	6	.....	.....	
Utah.....	0	0	0	0	0	0	0	0	0	0	15	4	.034	.....	
Wyoming.....	0	0	0	0	0	0	0	0	0	0	3	13	.....	.....	

SEPTIC SORE THROAT.

State.	Estimated population July 1, 1917.	January.		February.		March.		April.		May.		June.		July.	
		Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
		September.		October.		November.		December.		Total cases, 1917.	Total deaths, 1917.	Cases reported per 1,000 inhabit. anis.	Indicated fatality rate per 100 cases.	Indicated death rate per 1,000.	
Connecticut.....	1,265,373	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Illinois.....	6,234,995	37	4	59	7	71	11	168	9	1	7	55	4	48	5
Kansas.....	1,851,870	0	0	1	1	4	1	2	0	4	0	2	0	2	2
Louisiana.....	1,856,954	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Maine.....	777,340	0	0	1	0	3	0	2	0	1	0	0	0	0	0
Maryland.....	1,373,673	2	5	2	3	7	1	5	4	3	1	0	0	0	0
Massachusetts.....	3,775,973	20	2	16	10	30	8	62	5	21	4	13	4	27	3
Michigan.....	3,094,266	0	0	0	0	0	0	1	0	1	0	0	0	0	0
Minnesota.....	10,460,182	39	0	45	0	22	0	24	0	16	0	9	0	14	0
New York.....	5,212,085	0	0	3	0	1	0	0	0	1	0	4	0	0	0
Rhode Island.....	625,865	3	0	1	0	1	1	0	0	0	0	0	0	0	0
South Carolina.....	1,643,205	1	0	0	0	30	0	0	0	3	0	0	0	0	0
Vermont.....	364,946	222	0	0	1	95	4	3	1	1	1	0	0	46	1
Wisconsin.....	2,327,167	0	0	8	0	317	8	0	3	0	0	0	0	0	0
Wyoming.....	184,970	0	0	7	0	0	0	0	0	0	0	0	0	0	0

  

State.	August.		September.		October.		November.		December.		Total cases, 1917.	Total deaths, 1917.	Cases reported per 1,000 inhabit. anis.	Indicated fatality rate per 100 cases.	Indicated death rate per 1,000.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.						
	September.		October.		November.		December.									
Connecticut.....	0	0	1	0	5	0	1	0	3	0	11	0	0.009	0	0	0
Illinois.....	13	4	1	1	3	1	2	5	26	4	492	62	.077	12.86	0.010	0
Kansas.....	1	0	1	0	0	0	2	0	2	0	30	3	.016	0	0	0
Louisiana.....	0	0	0	3	2	1	0	0	1	1	3	20	.009	0	0	0
Maine.....	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0
Maryland.....	1	2	0	0	2	0	1	0	3	1	28	17	.019	65.39	.012	0
Massachusetts.....	36	2	10	2	8	2	10	5	17	7	270	54	.072	20.00	.014	0
Michigan.....	0	0	0	0	0	0	8	0	7	0	17	0	.005	0	0	0
New York.....	9	0	9	0	6	0	38	0	18	0	249	0	.024	0	0	0
Ohio.....	0	0	0	0	0	0	0	0	1	0	10	0	.002	0	0	0
Rhode Island.....	1	1	1	1	0	0	0	0	0	0	7	3	.011	42.86	.005	0
South Carolina.....	9	0	0	0	0	0	2	0	3	0	50	0	.030	0	0	0
Vermont.....	0	0	0	0	1	0	0	0	0	0	368	9	1.068	2.45	.025	0
Wisconsin.....	0	0	0	0	0	0	0	0	0	0	325	11	.129	3.38	.004	0
Wyoming.....	0	0	0	0	0	0	0	0	0	0	5	0	.027	0	0	0





State.	Number of cases reported.												Average number of cases per year.	Total cases, 1917.	Total deaths, 1917.	Cases reported per 1,000 inhabitants, 1917.	Indicated fatality rate per 100 cases, 1917.	Indicated death rate per 1,000, 1917.
	August.		September.		October.		November.		December.		Total.							
	Aver. age.	1917	Aver. age.	1917	Aver. age.	1917	Aver. age.	1917	Aver. age.	1917								
Alabama	53	47	84	106	147	108	127	85	139	47	120	68	821	295	0.347	35.93	0.125	
Arizona	28	28	166	200	369	308	27	359	327	369	49	14	254	14	1.144	5.91	0.006	
California	100	156	147	200	394	308	65	359	327	369	319	69	4,422	49	1.460	1.11	0.016	
Colorado	28	28	86	59	65	88	87	126	124	124	124	12	712	12	1.720	1.69	0.012	
Connecticut	45	41	63	57	104	124	142	217	217	174	174	17	1,208	17	1.582	1.11	0.013	
District of Columbia	11	9	19	30	61	32	61	(1)	37	56	56	8	583	8	1.582	1.37	0.022	
Hawaii	2	2	2	30	37	1	6	(1)	0	0	0	1	11	1	1.032	14.29	0.005	
Illinois	242	351	398	528	401	714	401	965	232	1,016	648	791	19,825	791	3.190	3.99	0.127	
Indiana	104	71	200	170	384	401	112	500	580	478	747	143	4,822	143	4.246	2.96	0.050	
Iowa	39	30	63	42	66	161	232	191	341	202	417	70	1,063	70	1.704	4.47	0.089	
Kansas	39	72	60	73	161	124	32	35	35	26	21	5	3,400	54	1.885	1.55	0.021	
Louisiana	9	10	16	18	24	12	13	11	11	32	30	6	194	6	1.105	3.08	0.008	
Maine	36	5	38	17	12	13	13	11	11	32	30	5	216	5	1.187	3.45	0.006	
Maryland	49	31	95	73	128	151	195	166	166	162	145	22	1,846	22	1.979	1.64	0.016	
Massachusetts	173	145	233	248	418	440	567	587	919	671	815	118	5,963	118	1.577	1.98	0.031	
Michigan	116	244	180	314	294	476	403	625	516	783	4,141	322	11,727	322	3.790	2.75	0.104	
Minnesota	107	148	115	147	206	189	259	285	339	406	3,944	89	3,331	89	1.441	2.87	0.088	
Mississippi	30	50	66	56	74	98	51	89	58	54	469	9	544	9	2.75	1.65	0.005	
Montana	21	56	26	67	39	184	54	266	52	262	624	79	1,435	79	3.034	5.51	0.167	
Nevada	3	5	2	7	8	8	8	42	10	23	19	5	113	5	1.021	4.43	0.045	
New Jersey	120	103	133	132	229	291	327	370	408	359	4,804	49	4,776	49	1.585	1.03	0.016	
New York	381	276	425	436	663	810	927	1,194	1,264	1,300	16,294	261	15,244	261	1.456	1.71	0.025	
North Dakota	22	12	22	12	33	33	20	20	20	1,000	1,000	1	529	1	1.691	1.71	0.001	
Oklahoma	241	215	438	370	839	679	1,047	894	813	1,040	813	197	9,846	197	1.889	2.00	0.038	
Oregon	71	20	113	93	149	114	214	261	197	142	142	12	1,314	12	1.574	1.91	0.008	
Pennsylvania	15	32	19	30	39	64	40	64	75	68	65	14	946	14	1.097	1.48	0.016	
Rhode Island	295	295	358	386	623	763	857	938	894	894	894	216	8,444	216	1.975	2.56	0.025	
Porto Rico	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.001	5.39	0.046	
South Carolina	30	10	37	29	92	47	104	48	75	52	52	29	538	29	0.860	4.26	0.005	
South Dakota	15	3	59	38	58	26	42	43	23	31	114	8	1,114	8	1.109	4.90	0.006	
Texas	6	29	15	20	27	77	77	21	77	33	55	4	451	4	1.109	4.27	0.012	
Utah	35	21	98	43	321	184	96	297	350	350	350	52	2,270	52	2.270	1.59	0.086	
Vermont	23	23	30	33	56	62	62	62	62	62	62	38	5,396	38	5.396	1.59	0.086	
Virginia	24	21	19	15	33	47	41	74	41	74	62	19	474	19	2.452	2.12	0.082	
Washington	83	41	149	65	278	104	345	126	123	84	106	30	970	30	636	1.97	0.013	
West Virginia	36	36	34	61	66	70	66	86	105	59	59	21	1,016	21	1.016	3.15	0.015	
Wisconsin	85	151	94	190	330	171	259	445	315	461	461	228	7,038	228	2.785	3.24	0.040	
Wyoming	7	10	8	15	12	12	5	5	42	9	73	14	388	14	2.098	3.61	0.076	

1 Less than 1.

SMALLPOX.

State.	Estimated population July 1, 1917.	Averages are for—	Number of cases reported.													
			January.		February.		March.		April.		May.		June.		July.	
			Aver- age.	1917	Aver- age.	1917	Aver- age.	1917	Aver- age.	1917	Aver- age.	1917	Aver- age.	1917	Aver- age.	1917
Alabama.....	2,363,939	3 years.....	106	73	115	28	104	32	84	63	71	53	50	28	18	
Arkanss.....	1,766,343	4 years.....	156	156	76	64	65	76	251	55	245	30	91	28	28	
California.....	3,029,032	3 years.....	75	40	33	1	34	571	76	50	18	30	23	20	14	
Colorado.....	968,320	4 years.....	34	1	9	62	5	108	22	10	18	31	15	27	9	
Connecticut.....	1,265,373	3 years.....	6	90	7	0	16	5	4	5	55	5	55	6	6	
District of Columbia.....	369,282	4 years.....	11	369	0	0	0	0	3	16	2	11	0	4	0	
Illinois.....	6,234,995	2 years.....	378	556	325	910	607	526	323	303	811	177	411	312	312	
Indiana.....	2,835,492	4 years.....	304	488	371	540	451	477	380	334	360	251	229	109	154	
Iowa.....	2,224,771	3 years.....	346	193	338	107	434	155	342	250	276	137	165	56	121	
Kansas.....	1,851,870	4 years.....	186	126	217	189	306	305	268	221	290	152	231	61	93	
Louisiana.....	1,856,954	3 years.....	83	155	82	130	78	123	102	39	102	18	35	16	44	
Maine.....	1,777,340	4 years.....	0	0	0	0	0	0	0	5	12	4	4	52	0	
Maryland.....	1,373,673	2 years.....	13	0	10	3	0	0	24	21	6	4	1	6	0	
Massachusetts.....	3,775,973	2 years.....	5	2	3	2	13	5	14	6	27	26	10	3	1	
Michigan.....	3,094,266	4 years.....	188	191	157	142	178	146	143	130	253	113	213	81	131	
Minnesota.....	2,312,445	4 years.....	315	200	270	249	255	332	243	248	188	112	279	79	168	
Mississippi.....	1,976,570	3 years.....	223	198	265	292	232	155	281	221	274	80	129	26	66	
Montana.....	472,935	3 years.....	106	193	102	139	95	87	104	68	77	14	89	56	60	
Nevada.....	110,738	2 years.....	51	4	19	7	13	0	20	48	7	14	6	2	1	
New Jersey.....	3,014,194	4 years.....	108	2	3	0	17	17	2	0	1	1	1	0	0	
New York.....	10,480,182	4 years.....	108	2	91	4	42	40	40	37	33	24	23	20	15	
North Dakota.....	765,319	1913.....	16	28	18	41	36	62	66	87	10	43	70	39	21	
Ohio.....	5,212,085	4 years.....	420	199	370	214	394	338	301	422	516	295	445	139	351	
Oklahoma.....	2,289,855	2 years.....	614	222	420	294	504	454	368	250	331	151	290	111	131	
Oregon.....	881,992	1 years.....	82	13	84	4	69	20	65	28	29	42	11	38	4	
Oregon.....	8,690,042	1916.....	9	13	5	12	19	20	14	10	60	6	39	14	22	
Pennsylvania.....	1,231,890	4 years.....	77	6	1	11	68	13	86	47	8	35	22	16	7	
South Carolina.....	1,423,906	4 years.....	130	91	171	80	170	189	161	87	102	51	132	21	83	
South Dakota.....	716,672	2 years.....	285	132	252	131	354	199	294	153	117	122	69	79	32	
Texas.....	4,316,423	2 years.....	256	0	233	62	179	40	145	61	109	70	108	57	52	
Texas.....	394,866	5 years.....	24	0	16	0	12	2	20	5	16	38	11	13	5	
Vermont.....	364,946	4 years.....	263	72	226	145	229	145	57	144	105	97	32	66	24	
Virginia.....	2,215,025	4 years.....	121	52	89	23	113	34	104	32	93	79	35	42	20	
Washington.....	1,597,400	4 years.....	5	5	257	4	8	40	237	89	158	106	30	69	37	
West Virginia.....	1,412,602	4 years.....	333	92	257	53	232	180	8	158	21	158	94	115	5	
Wisconsin.....	2,527,167	4 years.....	10	1	21	1	7	9	2	11	4	8	2	11	6	
Wyoming.....	184,970	4 years.....	10	1	21	1	7	9	2	11	4	8	2	11	6	

State.	Number of cases reported.												Average number of cases per year.	Total cases, 1917.	Total deaths, 1917.	Cases reported per 1,000 inhabitants, 1917.	Indicated fatality rate per 100 cases, 1917.	Indicated death rate per 1,000, 1917.
	August.		September.		October.		November.		December.		Aver- age.	1917						
	Aver- age.	1917	Aver- age.	1917	Aver- age.	1917	Aver- age.	1917	Aver- age.	1917								
Alabama.....	15	16	3	17	7	63	17	44	24	169	636	3	0.269	0.47	0.001			
Arkansas.....	20	20	13	13	44	44	93	93	272	272	2,016	5	1.141	0.25	0.003			
California.....	24	11	17	26	16	16	16	16	35	15	329	13	1.109	3.95	.004			
Colorado.....	7	14	8	11	19	35	14	117	13	73	323	1	327	.31	.001			
Connecticut.....	(1)	1	3	2	0	3	19	33	3	3	423	0	334	.....	.....			
District of Columbia.....	52	0	0	146	(1)	182	325	93	375	292	4,995	0	601	20	0.02			
Illinois.....	86	91	73	53	96	200	239	486	247	908	4,855	10	1,620	20	0.05			
Indiana.....	11	31	24	25	45	128	101	288	170	463	2,640	18	1,656	20	0.05			
Iowa.....	21	24	22	47	41	127	152	402	178	546	2,745	11	1,416	15	0.02			
Kansas.....	9	12	4	8	11	32	44	278	89	198	1,586	4	450	48	0.02			
Louisiana.....	12	12	7	7	41	41	0	22	(1)	199	600	0	772	.....	.....			
Maine.....	(1)	0	(1)	0	0	0	0	22	(1)	152	61	1	071	1.02	0.01			
Maryland.....	3	1	3	66	6	0	10	1	2	10	94	65	017	15.89	0.03			
Massachusetts.....	34	51	28	65	78	226	139	465	156	744	2,829	8	947	.27	0.03			
Michigan.....	38	71	27	73	63	223	103	245	245	356	1,923	20	1,175	.74	0.09			
Minnesota.....	43	37	59	72	44	83	82	174	236	236	1,530	3	774	.20	0.02			
Mississippi.....	26	69	16	78	37	74	76	210	76	253	1,857	5	2,943	.36	0.11			
Montana.....	(1)	0	0	0	(1)	2	1	0	3	0	22	0	199	.....	.....			
Nevada.....	(1)	0	0	0	(1)	0	0	0	0	0	62	0	002	.....	.....			
New Jersey.....	8	4	10	0	8	97	28	28	25	106	838	4	032	1.20	.....			
New York.....	13	13	6	30	67	31	39	36	78	102	481	4	738	.....	.....			
North Dakota.....	79	184	49	178	180	510	283	800	325	1,135	3,123	9	1,008	.17	0.02			
Ohio.....	04	69	58	87	51	170	103	216	139	998	2,826	11	1,553	.31	0.05			
Oklahoma.....	17	1	4	13	14	1	38	3	30	7	544	0	142	.....	.....			
Oregon.....	1	13	4	13	2	20	6	62	7	62	380	6	044	1.58	0.01			
New Jersey.....	12	0	4	3	8	24	13	20	31	0	85	2	069	2.35	0.02			
North Dakota.....	22	29	20	20	22	48	21	241	53	205	1,114	0	069	.....	.....			
Ohio.....	14	34	18	28	36	24	75	176	155	288	1,901	9	1,823	.69	0.13			
Texas.....	33	35	50	49	57	84	81	105	76	170	1,346	4	2,299	10.96	0.93			
Vermont.....	8	0	1	0	0	0	0	0	0	5	66	0	181	.44	0.09			
Virginia.....	41	18	26	15	34	56	65	8	108	59	1,542	4	244	.....	.....			
Washington.....	30	24	22	30	28	47	13	50	50	51	815	1	390	.26	0.01			
West Virginia.....	21	62	40	18	36	101	113	113	265	96	413	0	202	.....	.....			
Wisconsin.....	61	62	40	18	91	101	160	113	265	225	2,009	3	485	.24	0.01			
Wyoming.....	3	17	2	2	3	8	3	10	3	6	85	0	351	.....	.....			

1 Less than 1.

TUBERCULOSIS (PULMONARY).

Number of cases reported.

State.	Estimated population July 1, 1917.	Number of cases reported.													
		January.		February.		March.		April.		May.		June.		July.	
		1916	1917	1916	1917	1916	1917	1916	1917	1916	1917	1916	1917	1916	1917
Alabama.....	2,363,939	229	259	216	285	278	329	291	347	284	287	247	288	254	283
Hawaii.....	219,580	88	83	120	77	89	68	69	61	68	74	60	86	39	83
Illinois.....	6,234,985	.....	59	.....	1,235	.....	1,204	.....	973	.....	894	.....	1,089	.....	1,308
Indiana.....	2,835,482	.....	202	252	314	241	360	223	327	203	345	253	269	223	292
Maryland.....	1,373,673	229	304	279	239	280	299	268	275	357	334	289	236	288	368
Massachusetts.....	3,775,973	667	711	685	632	702	698	647	725	722	699	689	736	730	821
Minnesota.....	2,312,445	316	431	328	386	406	394	386	440	399	465	397	426	275	417
Montana.....	472,935	14	35	27	40	13	12	44	14	30	23	29	9	17	12
Nevada.....	110,738	.....	4	.....	2	.....	9	.....	8	.....	6	.....	5	.....	9
New York.....	10,460,182	2,348	2,934	2,576	2,261	2,960	2,952	2,786	2,141	2,754	2,258	2,973	2,302	2,292	2,413
North Dakota.....	765,319	.....	5	.....	13	.....	8	.....	7	.....	20	.....	21	.....	26
Rhode Island.....	625,865	73	58	61	64	77	94	77	102	78	89	83	100	68	89
South Carolina.....	1,643,205	.....	40	.....	28	.....	23	.....	17	.....	24	.....	27	.....	30
South Dakota.....	716,972	.....	13	.....	8	.....	10	.....	35	.....	7	.....	14	.....	20
Utah.....	443,866	.....	5	.....	6	.....	5	.....	6	.....	7	.....	4	.....	3
Vermont.....	364,946	.....	13	.....	17	.....	15	.....	15	.....	66	.....	44	.....	25
Washington.....	1,597,400	72	153	98	83	123	103	114	139	64	101	87	118	76	87
West Virginia.....	1,412,602	.....	34	.....	24	.....	40	.....	27	.....	.....	.....	35	.....	10

State.	Number of cases reported.												Total cases, 1916.	Total cases, 1917.	Total deaths, 1917.	Cases reported per 1,000 inhabitants, 1917.	Number of cases reported for each death registered, 1917.	Indicated death rate per 1,000, 1917.
	August.		September.		October.		November.		December.		1916	1917						
	1916	1917	1916	1917	1916	1917	1916	1917	1916	1917								
Alabama.....	242	264	189	224	215	221	179	173	205	209	2,809	3,169	2,688	1.341	1.18	1.137		
Alaska.....	40	85	50	65	62	85	73	57	97	80	855	904	394	4.117	2.29	1.794		
Arizona.....	1,237	1,237	1,239	1,239	444	444	1,552	1,552	1,588	1,588	12,710	7,114	7,114	2.038	1.79	1.141		
Arkansas.....	200	250	190	209	181	209	132	248	173	185	2,455	3,287	3,433	2.334	1.25	1.211		
California.....	324	274	284	240	222	226	223	196	244	225	3,287	3,206	2,564	2.334	1.25	1.867		
Colorado.....	624	668	622	634	532	687	540	702	718	607	7,878	8,365	4,638	2.215	1.80	1.228		
Connecticut.....	392	346	304	440	342	394	237	328	352	319	4,152	4,806	1,849	2.078	2.60	.800		
Delaware.....	27	15	44	18	25	20	11	31	8	16	289	245	383	.578	1.45	.810		
District of Columbia.....	4	4	5	5	5	5	4	4	4	5	64	64	44	1.45	1.45	.397		
Florida.....	2,409	2,714	2,268	1,905	2,050	2,353	2,229	2,112	2,227	1,745	29,872	26,080	14,789	2.684	1.91	1.409		
Georgia.....	17	17	11	11	16	16	16	11	11	19	174	284	284	1.355	1.01	.345		
Idaho.....	86	37	71	61	70	46	52	54	63	54	859	848	836	1.355	1.01	1.336		
Illinois.....	12	12	17	17	11	11	11	19	19	19	267	267	1,923	.204	1.60	.988		
Indiana.....	12	12	7	7	9	9	7	7	7	4	146	91	91	.204	1.60	.127		
Iowa.....	4	4	7	7	6	6	6	2	2	5	60	60	154	1.60	1.60	.347		
Kansas.....	44	8	21	11	16	13	17	24	31	67	320	262	269	.734	1.16	.737		
Kentucky.....	120	27	75	115	70	77	84	80	96	90	1,082	1,173	1,008	.734	1.16	.631		
Louisiana.....	32	32	25	25	28	28	28	36	36	43	368	368	478	.734	1.16	.338		

TUBERCULOSIS (ALL FORMS).

State.	Estimated population July 1, 1917.	Number of cases reported.															
		January.		February.		March.		April.		May.		June.		July.			
		1916	1917	1916	1917	1916	1917	1916	1917	1916	1917	1916	1917	1916	1917		
Arkansas.....	1,766,343																
California.....	3,029,032	601	683	566	66		43									54	
Connecticut.....	1,265,373		137	156			592	838	483	647	644	473	457	408	439	408	439
District of Columbia.....	1,369,282	79	88	87	73	107	83	107	101	86	112	82	85	97	85	85	97
Hawaii.....	219,580	100	87	120	81	101	71	69	67	79	74	60	94	58	90	94	58
Illinois.....	6,234,985	113	113	1,250	1,250		1,211										
Indiana.....	2,835,492	330	330	362	362		408										
Kansas.....	1,851,870	103	154	136	115	117	178	97	127	138	152	146	174	126	113	126	113
Louisiana.....	1,856,954	23	23	215	215		213										
Maine.....	777,340	52	52	22	22		24										
Massachusetts.....	3,775,973	716	773	728	724	759	765	715	790	783	767	745	801	798	886	798	886
Michigan.....	3,094,266	264	540	579	485	524	551	604	502	651	540	554	519	541	245	519	541
Minnesota.....	2,312,445	362	458	376	410	455	429	428	483	449	520	447	459	322	440	447	440
Mississippi.....	1,976,570	513	513	588	588		620										
New Jersey.....	3,014,194	834	785	735	637	983	859	964	726	886	764	825	679	737	698	679	737
New York.....	10,460,182	2,398	2,907	2,694	2,319	3,021	3,015	2,849	2,197	2,820	2,331	3,038	2,366	2,355	2,475	2,366	2,475
North Dakota.....	765,319	6	6	14	14		10										
Ohio.....	5,212,085	538	517	563	567	688	689	619	637	535	630	548	588	510	561	588	510
Oklahoma.....	2,269,855	54	54	54	54		72										
Oregon.....	861,992	50	36	47	28	52	89	50	62	29	63	27	72	30	72	72	30
Pennsylvania.....	8,660,042	1,136	1,036	941	769	982	1,253	1,125	1,147	1,074	1,061	964	1,104	1,003	1,015	1,104	1,003
Porto Rico.....	1,231,880	59	59	63	63		68										
Rhode Island.....	625,863	75	61	63	68	83	103	82	103	84	96	87	101	70	91	101	70
South Dakota.....	716,972	13	13	9	9		12										
Texas.....	4,515,423	147	147	88	88		106										
Virginia.....	2,213,025	290	290	297	300	361	363	337	246	368	263	309	260	204	236	260	204
West Virginia.....	742,602	35	35	24	24		41										
Wisconsin.....	2,527,167	178	163	119	113	177	200	53	191	129	263	151	204	143	229	204	143

State.	Number of cases reported.												Total cases, 1917.	Total deaths, 1917.	Cases reported per 1,000 inhabitants, 1917.	Number of cases reported for each death registered, 1917.	Indicated death rate per 1,000, 1917.
	August.		September.		October.		November.		December.		Total cases, 1916.						
	1916	1917	1916	1917	1916	1917	1916	1917	1916	1917							
Arkansas.....	47	1,258	1,245	448	1,539	2,573	2,573	86	15	517	608	86	597	1,084	2,317	1.29	0.614
California.....	647	623	618	700	637	700	637	487	487	517	608	608	7,017	5,450	2,317	1.29	1.799
Connecticut.....	153	153	140	152	161	161	134	134	161	134	134	134	1,795	2,082	2,716	1.50	1.606
District of Columbia.....	94	94	76	76	89	68	68	68	89	68	68	68	1,003	460	4,331	2.07	2.085
Hawaii.....	48	88	56	63	87	87	104	83	61	104	83	83	951	460	4,331	2.07	2.085
Illinois.....	1,258	1,258	1,245	448	1,539	2,573	2,573	86	15	517	608	608	13,969	8,065	2,245	1.74	1.294
Indiana.....	304	304	273	251	367	367	221	221	367	221	221	221	3,875	3,977	825	1.50	1.403
Kansas.....	146	115	109	73	87	117	85	114	130	85	114	1363	1,527	825	1,490	1.50	1.550
Louisiana.....	127	127	122	139	130	139	188	188	130	188	188	188	1,879	2,784	2,713	1.77	1.490
Maine.....	34	34	43	37	32	37	33	33	32	37	33	33	503	878	2,713	1.77	1.129
Massachusetts.....	687	760	674	691	593	740	593	787	787	761	667	667	9,141	5,402	2,421	1.69	1.431
Michigan.....	846	282	695	79	604	233	509	196	196	705	614	614	4,856	3,196	1,570	1.52	1.034
Minnesota.....	427	300	324	465	379	418	294	345	345	388	349	349	5,166	2,363	2,234	2.20	2.018
Mississippi.....	652	652	592	514	438	514	438	438	438	563	519	519	6,852	2,743	3,407	2.50	1.388
New Jersey.....	638	696	520	652	671	680	680	559	559	563	519	519	8,177	4,017	2,713	1.77	1.532
New York.....	2,457	2,758	2,303	2,083	2,382	2,382	2,256	2,142	2,142	2,256	1,775	1,775	28,686	16,556	2,742	1.73	1.583
North Dakota.....	10	10	16	18	12	18	12	12	12	21	21	21	199	288	2,742	1.73	1.376
Ohio.....	407	477	383	466	408	484	390	396	434	390	396	396	6,454	7,453	4,331	2.50	1.430
Oklahoma.....	32	32	33	33	22	22	52	52	52	52	20	20	501	652	784	1.15	2.868
Oregon.....	34	61	31	34	48	34	32	53	53	31	58	58	684	596	784	1.15	1.690
Pennsylvania.....	1,010	1,099	859	731	834	836	721	834	746	793	793	11,305	11,513	1,341	1.01	1.399	
Porto Rico.....	66	66	99	116	85	103	103	85	85	103	103	861	2,707	2,713	1.77	2.197	
Rhode Island.....	60	43	79	67	48	48	54	66	58	66	58	58	898	1,015	2,713	1.77	1.622
South Dakota.....	14	14	7	13	8	13	8	8	8	8	4	4	157	96	219	1.00	1.137
Texas.....	103	103	19	147	149	147	149	149	149	149	104	104	1,239	3,917	1,427	1.01	1.667
Virginia.....	287	290	317	249	232	287	287	232	232	287	163	163	3,157	531	1,427	1.01	1.376
West Virginia.....	33	33	25	30	30	30	30	30	30	30	44	44	374	631	2,367	1.77	1.498
Wisconsin.....	152	274	88	101	128	101	130	114	114	76	156	156	2,103	2,367	2,367	1.77	1.948





State.	Number of cases reported.												Average number of cases per year.	Total cases, 1917.	Total deaths, 1917.	Cases reported per 1,000 inhabitants, 1917.	Indicated fatality rate per 100 cases, 1917.	Indicated death rate per 1,000, 1917.
	August.		September.		October.		November.		December.		Aver- age.							
	Aver- age.	1917	Aver- age.	1917	Aver- age.	1917	Aver- age.	1917	Aver- age.	1917								
												1917						
Alabama.....	433	831	254	593	195	474	124	237	84	101	2,304	3,656	898	1,547	24.56	0.330		
Arkansas.....	.....	128	.....	122	87	87	.....	48	.....	41	.....	.....	.....	1,547	24.56	0.330		
California.....	174	228	144	176	161	108	108	95	104	109	1,406	1,774	264	438	34.11	0.438		
Colorado.....	86	60	114	87	133	76	68	34	27	14	590	420	88	425	15.52	0.073		
Connecticut.....	82	73	166	105	71	826	33	57	39	39	826	608	112	401	22.05	0.069		
District of Columbia.....	161	68	71	81	49	54	38	32	23	12	411	338	49	915	14.50	0.133		
Hawaii.....	15	7	15	24	14	108	17	70	16	27	184	324	58	324	17.90	0.264		
Illinois.....	405	661	661	637	651	103	529	94	322	55	4,335	2,343	520	3,767	22.19	0.083		
Indiana.....	574	366	448	570	246	246	246	246	160	160	2,062	1,966	407	1,966	25.28	0.175		
Iowa.....	309	483	275	540	263	492	175	315	119	97	1,539	2,534	320	1,368	12.96	0.178		
Kansas.....	85	239	87	134	92	153	83	71	121	116	1,818	1,583	518	852	32.72	0.270		
Louisiana.....	50	13	76	19	32	22	33	10	48	15	316	169	82	217	48.52	0.105		
Maine.....	581	473	602	606	361	361	260	175	197	75	2,933	2,341	247	1,704	10.55	0.180		
Maryland.....	319	246	392	264	269	168	120	110	98	78	2,000	1,546	178	409	11.51	0.047		
Massachusetts.....	301	168	350	212	277	179	158	137	117	83	2,033	1,569	388	507	24.73	0.125		
Michigan.....	167	62	188	106	162	118	111	57	77	50	1,176	1,743	96	321	13.32	0.043		
Minnesota.....	1,066	970	792	890	665	574	519	364	343	192	6,124	5,338	554	2,698	10.38	0.280		
Mississippi.....	1,60	32	76	45	71	63	40	37	22	3	435	577	77	1,138	14.31	0.163		
Montana.....	25	14	33	12	24	11	11	12	8	7	157	77	15	695	19.48	0.185		
Nevada.....	274	201	303	259	230	164	126	88	87	52	1,530	1,151	191	382	16.59	0.063		
New Jersey.....	781	558	994	867	830	541	457	307	379	212	5,600	4,298	410	1,318	18.77	0.066		
New York.....	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		
North Dakota.....	616	517	858	684	663	413	383	192	249	97	523	3,127	690	600	22.97	0.192		
Ohio.....	430	176	337	284	268	187	163	187	114	103	2,072	1,594	360	696	22.58	0.197		
Oregon.....	36	24	30	52	26	26	26	64	59	14	982	832	83	385	25.00	0.086		
Pennsylvania.....	959	691	1,381	1,022	430	673	507	273	373	103	7,320	5,063	892	1,585	17.02	0.103		
Porto Rico.....	35	18	47	26	21	18	18	18	18	23	85	205	147	106	86.29	0.167		
Rhode Island.....	34	44	44	54	24	24	26	20	22	3	257	157	33	251	21.02	0.083		
South Carolina.....	176	40	157	105	78	46	43	40	22	3	1,073	587	13	357	75.04	0.250		
South Dakota.....	16	9	31	8	31	192	126	12	13	3	1,038	1,038	13	144	12.02	0.018		
Texas.....	129	149	116	175	147	223	138	192	69	120	1,038	1,256	868	1,059	69.11	0.182		
Utah.....	62	62	133	121	104	57	71	56	27	19	641	470	23	1,059	12.98	0.063		
Vermont.....	92	12	45	20	23	23	23	23	13	9	256	140	61	1,549	16.43	0.083		
Virginia.....	967	917	734	640	545	307	342	227	185	108	4,725	3,427	28	1,549	12.20	0.075		
Washington.....	119	126	137	139	104	171	61	35	44	62	615	983	120	1,082	10.73	0.116		
West Virginia.....	329	329	137	298	104	165	.....	.....	.....	45	4,725	3,427	164	1,082	27.37	0.053		
Wisconsin.....	51	36	57	43	30	47	54	43	51	22	667	486	103	557	40.78	0.227		
Wyoming.....	8	9	10	18	7	18	7	0	5	7	58	103	42	557	40.78	0.227		

TYPHUS FEVER.

State.	Estimated population July 1, 1917.	Number of cases reported.												Total cases, 1916.	Total deaths, 1917.	Cases reported per 1,000 inhabitants, 1917.	Indicated fatality rate per 100 cases, 1917.		
		January.		February.		March.		April.		May.		June.						July.	
		1916	1917	1916	1917	1916	1917	1916	1917	1916	1917	1916	1917					1916	1917
California.....	3,029,032	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Colorado.....	988,320	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	
Mississippi.....	1,976,570	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
New York.....	10,460,182	2	1	0	0	1	3	1	3	0	0	0	0	0	2	0	0	2	
Texas.....	4,515,423	17	3	3	3	10	10	0	0	0	0	0	0	1	1	1	0	0	
State.	Number of cases reported.												Total cases, 1916.	Total deaths, 1917.	Cases reported per 1,000 inhabitants, 1917.	Indicated fatality rate per 100 cases, 1917.			
	August.		September.		October.		November.		December.										
	1916	1917	1916	1917	1916	1917	1916	1917	1916	1917	1916	1917							
California.....	2	0	16	1	4	0	2	0	0	0	0	0	28	3	0	0.0010	.....		
Colorado.....	1	0	1	0	1	0	3	0	3	0	0	0	10	1	0	.0010	.....		
Mississippi.....	1	1	0	0	1	0	0	0	0	0	0	0	3	3	0	.0015	.....		
New York.....	1	1	2	0	8	3	1	1	3	1	1	1	21	13	3	.0012	28.08		
Texas.....	.....	0	.....	0	.....	0	.....	6	.....	.....	.....	.....	.....	38	17	.0084	44.74		

# 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.

### EXTRA-CANTONMENT ZONES—CASES REPORTED WEEK ENDED FEB. 15.

<p style="text-align: center;"><b>CAMP BOWIE ZONE, TEX.</b></p> <p>Fort Worth: <span style="float: right;">Cases.</span></p> <p>Gonorrhoea..... 15</p> <p>Influenza..... 1</p> <p>Measles..... 2</p> <p>Pellagra..... 1</p> <p>Pneumonia..... 4</p> <p>Scabies..... 1</p> <p>Scarlet fever..... 1</p> <p>Smallpox..... 3</p> <p>Syphilis..... 7</p> <p>Trachoma..... 4</p> <p>Typhoid fever..... 1</p> <p style="text-align: center;"><b>CHARLESTON SANITARY DISTRICT, S. C.</b></p> <p>Influenza:</p> <p>Charleston..... 20</p> <p style="text-align: center;"><b>CAMP DEVENS ZONE, MASS.</b></p> <p>Ayer:</p> <p>Influenza..... 1</p> <p>Lancaster:</p> <p>Measles..... 4</p> <p>Whooping cough..... 1</p> <p>Lunenburg:</p> <p>Mumps..... 1</p> <p>Pneumonia..... 1</p> <p style="text-align: center;"><b>CAMP DIX ZONE, N. J.</b></p> <p>Diphtheria:</p> <p>Pemberton Boro..... 1</p> <p style="text-align: center;"><b>CAMP DODGE ZONE, IOWA.</b></p> <p>Des Moines:</p> <p>Diphtheria..... 4</p> <p>Diphtheria carriers..... 5</p> <p>Gonorrhoea..... 6</p> <p>Scarlet fever..... 7</p> <p>Smallpox..... 4</p> <p>Syphilis..... 2</p> <p>Tuberculosis, pulmonary..... 1</p> <p style="text-align: center;"><b>CAMP EBERTS ZONE, ARK.</b></p> <p>Influenza:</p> <p>Austin..... 5</p> <p>Cabot, R. F. D..... 1</p> <p>Carlisle..... 2</p> <p>Carlisle, R. F. D..... 3</p> <p>Lonoke..... 4</p>	<p style="text-align: center;"><b>CAMP EBERTS ZONE, ARK.—continued.</b></p> <p>Pneumonia: <span style="float: right;">Cases.</span></p> <p>Cabot..... 1</p> <p>England..... 1</p> <p>Lonoke, R. F. D..... 1</p> <p style="text-align: center;"><b>FAYETTEVILLE SANITARY DISTRICT, N. C.</b></p> <p>Cerebrospinal meningitis..... 1</p> <p>Gonorrhoea..... 4</p> <p>Influenza..... 20</p> <p>Measles..... 8</p> <p>Mumps..... 1</p> <p>Pneumonia..... 5</p> <p>Syphilis..... 1</p> <p>Tuberculosis..... 1</p> <p style="text-align: center;"><b>CAMP FUNSTON ZONE, KANS.</b></p> <p>Junction City:</p> <p>Mumps..... 1</p> <p>Scarlet fever..... 2</p> <p>Manhattan:</p> <p>Diphtheria..... 1</p> <p>Diphtheria carriers..... 2</p> <p>Influenza..... 12</p> <p>Mumps..... 6</p> <p>Scarlet fever..... 2</p> <p style="text-align: center;"><b>GAS AND FLAME SCHOOL ZONE, GA. AND ALA.</b></p> <p>Diphtheria:</p> <p>Columbus..... 1</p> <p>Influenza:</p> <p>Columbus..... 15</p> <p>Girard..... 1</p> <p>Muscogee County..... 9</p> <p>Phenix City..... 6</p> <p>Measles:</p> <p>Columbus..... 2</p> <p>Pellagra:</p> <p>Muscogee County..... 2</p> <p>Pneumonia:</p> <p>Columbus..... 1</p> <p>Muscogee County..... 2</p> <p>Scarlet fever:</p> <p>Columbus..... 1</p> <p>Smallpox:</p> <p>Columbus..... 4</p> <p>Muscogee County..... 2</p>
--	--

GAS AND FLAME SCHOOL ZONE, GA. AND ALA.—  
continued.

Tuberculosis:	Cases.
Columbus.....	2
Whooping cough:	
Columbus.....	7

GERSTNER FIELD ZONE, LA.\*

Influenza.....	12
Pneumonia.....	2
Smallpox.....	10

CAMP GORDON ZONE, GA.

Atlanta:	
Cerebrospinal meningitis.....	1
Chancroid.....	1
Chicken pox.....	9
Diphtheria.....	3
Gonorrhoea.....	23
Influenza.....	66
Measles.....	3
Mumps.....	1
Pneumonia.....	2
Scarlet fever.....	4
Smallpox.....	35
Syphilis.....	39
Tuberculosis.....	10
Whooping cough.....	3

GULFPORT HEALTH DISTRICT, MISS.

Cerebrospinal meningitis:	
Bay St. Louis.....	1
Chicken pox:	
De Lisle.....	4
Dysentery:	
Gulfport.....	1
Gonorrhoea:	
Biloxi.....	1
Gulfport.....	1
Lyman.....	1
Moss Point.....	3
Influenza:	
Bay St. Louis.....	4
Biloxi.....	20
Escatawpa.....	1
Gautier.....	1
Gulfport.....	16
Handsboro.....	5
Kreole.....	1
Latimer.....	3
Lizana.....	1
Long Beach.....	5
Lyman.....	1
Mississippi City.....	2
Moss Point.....	18
Pascagoula.....	8
Pass Christian.....	1
Sellers.....	3
Wade.....	1
Malaria:	
Bay St. Louis.....	2
Gulfport.....	1
Moss Point.....	1
Pascagoula.....	1
Measles:	
Lyman.....	4

GULFPORT HEALTH DISTRICT, MISS.—continued.

Mumps:	Cases.
Biloxi.....	2
Gulfport.....	6
Mississippi City.....	2
Moss Point.....	8
Pneumonia:	
Biloxi.....	3
Gulfport.....	1
Mississippi City.....	1
Moss Point.....	2
Pneumonia, broncho:	
De Lisle.....	1
Scarlet fever:	
Pascagoula.....	2
Syphilis:	
Pascagoula.....	1
Whooping cough:	
Gulfport.....	7
Moss Point.....	1
Pascagoula.....	2
CAMP HANCOCK ZONE, GA.	
Augusta:	
Influenza.....	3
Typhoid fever.....	1
CAMP HUMPHREYS ZONE, VA.	
Chicken pox:	
Alexandria.....	6
Fredericksburg.....	1
Gonorrhoea:	
Alexandria.....	1
Influenza:	
Alexandria.....	43
Alexandria County.....	7
Fairfax County.....	16
Fredericksburg.....	31
Measles:	
Alexandria.....	1
Fredericksburg.....	1
Mumps:	
Fredericksburg.....	4
Pneumonia:	
Alexandria.....	7
Tonsillitis:	
Alexandria.....	4
Tuberculosis, pulmonary:	
Alexandria.....	1
Whooping cough:	
Fredericksburg.....	4
CAMP JACKSON ZONE, S. C.	
Columbia:	
Chicken pox.....	1
Influenza.....	27
Measles.....	2
Meningitis.....	1
Mumps.....	2
Pneumonia.....	2
Tuberculosis.....	1
Typhoid fever.....	1
Whooping cough.....	2
Government clinic:	
Gonorrhoea.....	1
Syphilis.....	12

FORT LEAVENWORTH ZONE, KANS.		CAMP MERRITT ZONE, N. J.—continued.	
	Cases.		Cases.
Leavenworth:		Pneumonia:	
Diphtheria.....	6	Englewood.....	9
Gonorrhoea.....	9	Rabies:	
Influenza.....	3	Tenafly.....	1
Scarlet fever.....	3	Typhoid fever:	
Smallpox.....	1	Englewood.....	1
Leavenworth County:		MUSCLE SHOALS SANITARY DISTRICT, ALA.	
Diphtheria.....	1	Florence:	
Influenza.....	3	Gonorrhoea.....	1
Smallpox.....	1	Measles.....	5
Typhoid fever.....	2	Rabies.....	1
CAMP LEE ZONE, VA.		Smallpox.....	1
Petersburg:		Muscle Shoals:	
Chicken pox.....	1	Chancroid.....	17
Diphtheria.....	1	Gonorrhoea.....	23
Gonorrhoea.....	8	Influenza.....	31
Influenza.....	88	Measles.....	2
Mumps.....	1	Meningitis.....	1
Septic sore throat.....	1	Mumps.....	12
Syphilis.....	9	Syphilis.....	6
Tuberculosis.....	4	Sheffield and Tusculmbia:	
Prince George County:		Diphtheria.....	5
Influenza.....	1	Influenza.....	1
CAMP LEWIS ZONE, WASH.		Measles.....	5
Influenza:		Mumps.....	3
American Lake.....	1	Pneumonia.....	1
Parkland.....	7	Smallpox.....	4
Measles:		FORT OGLETHORPE ZONE, GA. AND TENN.	
Murray.....	1	Chattanooga:	
Steilacoom.....	1	Chicken pox.....	1
Steilacoom Lake.....	1	Gonorrhoea.....	11
Mumps:		Influenza.....	10
American Lake.....	5	North Chattanooga:	
Scarlet fever:		Influenza.....	7
Nisqually.....	1	PICRIC ACID PLANT ZONE, GA.	
CAMP LOGAN ZONE, TEX.		Brunswick:	
Houston:		Gonorrhoea.....	3
Chancroid.....	1	Influenza.....	8
Diphtheria.....	1	Measles.....	4
Gonorrhoea.....	11	Mumps.....	4
Influenza.....	2	Pneumonia.....	2
Measles.....	13	Smallpox.....	1
Pneumonia.....	2	Syphilis.....	2
Syphilis.....	3	Tuberculosis.....	1
Tuberculosis.....	2	CAMP PIKE ZONE, ARK.	
Typhoid fever.....	1	Little Rock:	
CAMP M'CLELLAN ZONE, ALA.		Chancroid.....	1
Anniston:		Chicken pox.....	1
Chicken pox.....	1	Gonorrhoea.....	19
Gonorrhoea.....	5	Influenza.....	36
Pneumonia.....	1	Malaria.....	2
CAMP MERRITT ZONE, N. J.		Measles.....	2
Chicken pox:		Mumps.....	10
Englewood.....	5	Pneumonia.....	3
Diphtheria:		Scarlet fever.....	4
Englewood.....	1	Syphilis.....	4
Influenza:		Tonsillitis.....	2
Dumont.....	1	Trachoma.....	1
Englewood.....	37	Tuberculosis.....	3
Haworth.....	1	North Little Rock:	
Mumps:		Gonorrhoea.....	3
Englewood.....	1	Influenza.....	13

CAMP PIKE ZONE, ARK.—continued.	
North Little Rock—Continued.	Cases.
Pneumonia.....	1
Syphilis.....	1
Trachoma.....	1
Tuberculosis.....	1
Scott:	
Influenza.....	4
Pneumonia.....	1
CAMP POLK ZONE, N. C.	
Chancroid:	
Durham.....	1
Chicken pox:	
Durham.....	4
Diphtheria:	
Raleigh.....	1
Gonorrhoea:	
Durham.....	2
Influenza:	
Durham County.....	1
Raleigh.....	128
Wake County.....	15
Measles:	
Durham.....	1
Raleigh.....	3
Wake County.....	4
Mumps:	
Durham.....	9
Pneumonia:	
Raleigh.....	1
Septic sore throat:	
Raleigh.....	1
Wake County.....	1
Tuberculosis:	
Durham.....	1
PORTSMOUTH AND NORFOLK COUNTY HEALTH DISTRICT, VA.	
Influenza:	
Norfolk.....	28
Pneumonia:	
Norfolk.....	2
Smallpox:	
Norfolk.....	1
Portsmouth.....	1
Syphilis:	
Portsmouth.....	1
Typhoid fever:	
Norfolk.....	1
PORTSMOUTH-KITTERY SANITARY DISTRICT, N. H. AND ME.	
Gonorrhoea:	
Portsmouth.....	1
CAMP SEVIER ZONE, S. C.	
Influenza:	
Greenville and vicinity.....	226
CAMP SHERIDAN ZONE, ALA.	
Government Clinic:	
Chancroid.....	3
Gonorrhoea.....	8
Syphilis.....	15
Montgomery:	
Chancroid.....	1
Scarlet fever.....	2
Syphilis.....	1

CAMP SHERMAN ZONE, OHIO.	
Diphtheria:	Cases.
Chillicothe.....	2
Gonorrhoea:	
Government Clinic.....	4
Influenza:	
Chillicothe.....	13
Liberty Township.....	10
Mumps:	
Chillicothe.....	2
Scarlet fever:	
Chillicothe.....	2
Union Township.....	2
SOUTHER FIELD ZONE, GA.	
Influenza:	
Americus.....	11
Sumter County.....	89
Pneumonia:	
Americus.....	1
Sumter County.....	6
Whooping cough:	
Sumter County.....	3
CAMP ZACHARY TAYLOR ZONE, KY. AND IND.	
Diphtheria:	
Louisville.....	2
New Albany.....	1
Gonorrhoea:	
Government clinic.....	24
County jail clinic.....	6
Influenza:	
Jefferson County.....	13
Louisville.....	73
New Albany.....	4
Measles:	
Jefferson County.....	12
Louisville.....	4
Mumps:	
Jeffersonville.....	2
Louisville.....	1
Scarlet fever:	
Jefferson County.....	1
Louisville.....	7
New Albany.....	1
Syphilis:	
County jail clinic.....	9
Government clinic.....	34
Tuberculosis, pulmonary:	
Jefferson County.....	1
Louisville.....	9
TIDEWATER HEALTH DISTRICT, VA.	
Newport News:	
Chancroid.....	1
Diphtheria.....	2
Gonorrhoea.....	6
Influenza.....	10
Measles.....	1
Meningitis.....	1
Mumps.....	10
Pneumonia.....	1
Scarlet fever.....	2
Syphilis.....	3
Phoebus:	
Whooping cough.....	1
Riverview:	
Tuberculosis.....	1

CAMP TRAVIS ZONE, TEX.		CAMP WADSWORTH ZONE, S. C.—continued.	
San Antonio:	Cases.	Spartanburg—Continued.	Cases.
Chancroid.....	1	Influenza.....	13
Chicken pox.....	1	Measles.....	7
Gonorrhea.....	17	Smallpox.....	3
Influenza.....	9		
Measles.....	1	CAMP WHEELER ZONE, GA.	
Meningitis.....	2	Macon:	
Mumps.....	3	Chicken pox.....	2
Pneumonia.....	3	Influenza.....	1
Syphilis.....	8	Measles.....	6
Tuberculosis.....	3		
		WILMINGTON SANITARY DISTRICT, N. C.	
CAMP UPTON ZONE, N. Y.		Wilmington:	
Cerebrospinal meningitis:		Diphtheria.....	1
Riverhead.....	1	Influenza.....	21
		Pneumonia.....	4
CAMP WADSWORTH ZONE, S. C.		Scarlet fever.....	1
Spartanburg:		Tuberculosis.....	2
Cancer.....	1	Typhoid fever.....	2
Chicken pox.....	2	Winster Park:	
Gonorrhea.....	1	Influenza.....	7

### DISEASE CONDITIONS AMONG TROOPS IN THE UNITED STATES.

The following data are taken from telegraphic reports received in the office of the Surgeon General of the United States Army for the week ended February 7, 1919. Reports from the American Expeditionary Forces are delayed in transmission, and the "current week" for troops in the American Expeditionary Forces is not the same period as "current week" for troops in the United States.

	Current week.	Last week.
Annual admission rate per 1,000 (all causes).....	1,016.87	1,033.33
All troops in United States.....	1,210.09	1,151.34
American Expeditionary Forces.....	939.31	982.81
Annual admission rate per 1,000 (disease only).....	814.58	831.44
All troops in United States.....	994.13	1,84.45
American Expeditionary Forces.....	743.09	707.59
Noneffective rate per 1,000 on day of report.....	50.92	50.77
All troops in United States <sup>1</sup> .....	54.96	49.97
American Expeditionary Forces.....	49.17	51.10
Annual death rate per 1,000 (all causes).....	15.50	13.47
All troops in United States <sup>1</sup> .....	12.74	12.01
American Expeditionary Forces.....	16.48	14.07
Annual death rate per 1,000 (disease only).....	9.26	7.95
All troops in United States <sup>1</sup> .....	11.89	10.89
American Expeditionary Forces.....	8.22	6.72

<sup>1</sup> Sick and death rates among troops in the United States will continue to be relatively high, as the numerical strength of troops in the United States continues to decline from week to week as a result of demobilization. Well men only are eligible for discharge, while the sick and otherwise disabled are retained in service for further treatment. The continued influx of sick and wounded (properly chargeable to commands overseas) is another factor tending to increase rates in the United States and to diminish correspondingly similar rates overseas.

## Cases of special diseases reported during week ended Feb. 7, 1919.

Camp.	Pneu- monia.	Dy- sen- tery.	Ma- laria.	Venereal diseases.		In- flu- enza.	Meas- les.	Men- ingi- tis.	Scar- let fever.	Annual admission rate per 1,000 (disease only).	Noneffec- tive rate per 1,000 on day of report.
				Total.	New infection.						
Beauregard.....	1	1	3	18			2			1,985.47	64.20
Bowie.....	17			22	15	10	15			1,534.81	77.24
Cody.....	2			1						3,228.38	314.85
Fremont.....				1	0	3				1,337.62	205.25
Greene.....	1			35	1	2	2			1,327.17	62.29
Hancock.....	6			14	2	18		2		802.69	83.26
Kearny.....	1			26	4	7				519.57	23.91
Logan.....	2			2	1	4	3		1	586.20	48.92
MacArthur.....				8		2			2	1,068.84	68.06
McClellan.....	8			9	3					983.07	80.77
Sevier.....	2			13	2	6				784.69	42.29
Sheridan.....	4			31						767.75	40.45
Shelby.....	2			23	7	4	1			1,394.18	67.12
Wadsworth.....	1			7			1			423.99	30.09
Wheeler.....	3		1	3		2	1			923.34	106.53
Custer.....	6			5	4				1	587.09	36.76
Devenc.....	1			18	1	5	2			1,182.22	91.05
Dix.....	6	1		22	19	5	2	1		806.62	77.91
Dodge.....	4			6	2	9	1		18	1,298.27	89.17
Eustis.....	2			4		7		1		2,166.74	79.65
Funston.....				7	1	8	2		11	753.69	43.80
Gordon.....				18		5	4			1,439.23	67.85
Grant.....	10			9		7	16			555.24	56.85
Humphreys.....	8			7	1	20	2			672.52	28.69
Jackson.....	6			10		68	2	1		1,240.54	67.91
J. E. Johnston.....	2			1						412.66	37.87
Henry Knox.....	2			4				1	3	1,796.74	50.25
Las Casas.....			4	2						1,850.36	71.16
Lee.....	2			14	8	22	4		5	1,179.60	74.45
Lewis.....	15			17	4	2	2			922.16	58.22
Meade.....	4			5		1	2		1	618.29	36.28
Pike.....	4			9		30			4	1,555.62	79.03
Sherman.....	1			14		15			1	966.33	112.03
Taylor.....	11			24	9	13		1	7	792.23	82.40
Travis.....	7			13	2	17	18			2,348.74	77.88
Upton.....	2			13	3	9				2,055.29	78.76
Northeastern Depart- ment.....				4	3	2			1	584.04	30.07
Eastern Department.....	8	5	1	17	1	24			1	818.54	24.68
Southeastern Depart- ment.....	2			3		28				1,206.78	35.67
Central Department.....						11	1		1	1,112.05	30.01
Southern Department.....	8			56	11	86			5	912.70	54.20
Western Department.....				7	1	9				722.45	16.88
Aviation camps.....	10	1		39		25	1	1		764.70	37.77
Ports of embarkation: Hoboken.....	22			17	6	156	1		5	1,405.45	110.27
Newport News.....	9			145	3	45	12	1	18	2,500.68	83.63
Alcatraz Disciplinary Barracks.....										1,148.26	18.92
Leavenworth Disciplinary Barracks.....	2								1	1,941.59	43.32
Columbus Barracks.....	1									1,117.47	39.15
Jefferson Barracks.....				2	1	1				795.33	46.61
Fort Logan.....				1	1					643.19	49.47
Fort McDowell.....				6						964.33	31.38
Fort Sill.....				17	17	23			2	752.22	31.20
Fort Slocum.....				2						779.54	44.97
Fort Thomas.....										478.31	38.10
West Point.....	3			1			1			762.01	16.41
Arsenals.....	3			11		9	5		4	828.43	38.97
Miscellaneous small sta- tions.....	8			8		8	11	1		781.46	36.10
Total.....	220	8	9	771	133	728	114	8	94	994.13	54.96



Number of deaths and annual rates per 1,000 at large camps in the United States, week ended Feb. 7, 1919.

Camp.	Strength.	Deaths.		Deaths—Annual death rate per 1,000.	
		All causes.	Disease only.	All causes.	Disease only.
Beauregard.....	5,919	0			
Bowie.....	7,081	1	1	7.34	7.34
Cody.....	451	0			
Fremont.....	1,866	0			
Greene.....	4,976	1	1	10.45	10.45
Hancock.....	9,199	2	2	11.30	11.30
Kearny.....	12,213	2	1	8.51	4.26
Logan.....	6,032	2	2	17.24	17.24
MacArthur.....	5,011	0			
McClellan.....	7,564	11	10	75.62	68.75
Sevier.....	4,705	0			
Shelby.....	6,773	0			
Sheridan.....	5,259	0			
Wadsworth.....	5,151	0			
Wheeler.....	2,309	0			
Custer.....	17,977	3	3	8.67	8.67
Devens.....	8,709	1	1	5.97	5.97
Dix.....	19,927	2	2	5.22	5.22
Dodge.....	15,064	5	5	17.26	17.26
Eustis.....	2,109	2	1	49.31	24.65
Funston.....	19,516	3	3	7.99	7.99
Gordon.....	11,197	4	3	18.57	13.93
Grant.....	20,508	4	4	10.14	10.14
Humphreys.....	11,835	4	4	17.58	17.58
Jackson.....	13,119	5	5	19.81	19.81
J. E. Johnston.....	2,772	1	1	18.75	18.75
Henry Knox.....	5,412	3	3	28.82	28.82
Las Casas.....	1,096	1	1	41.44	41.44
Lee.....	19,221	1	1	2.71	2.71
Lewis.....	20,290	1	1	2.56	2.56
Meade.....	13,123	2	2	7.62	7.62
Pike.....	13,069	2	1	7.95	3.97
Sherman.....	13,135	3	3	11.88	11.88
Taylor.....	20,740	4	4	10.62	10.62
Travis.....	13,973	2	2	7.44	7.44
Upton.....	13,891	2	2	7.48	7.48
Northeastern Department.....	5,253	0			
Eastern Department.....	30,623	8	7	13.53	11.80
Southeastern Department.....	5,774	0			
Central Department.....	7,996	0			
Southern Department.....	42,731	10	8	12.16	10.95
Western Department.....	12,376	0			
Aviation camps.....	41,142	10	7	12.63	11.37
Ports of embarkation:					
Hoboken.....	30,454	16	16	27.32	27.32
Newport News.....	24,871	7	7	14.3	14.63
All others.....	107,558	39	39	18.84	18.84
Total.....	668,981	164	153	12.74	11.89

Annual admission rate per 1,000 for certain diseases.

Disease.	Troops in United States.		American Expeditionary Forces.	
	Current week.	Last week.	Current week.	Last week.
Pneumonia.....	17.10	27.35	25.64	21.92
Dysentery.....	0.62	0.0	1.11	0.37
Malaria.....	0.69	0.83	0.11	0.40
Venereal.....	59.93	60.19	36.34	32.18
Paratyphoid.....	0.0	0.0	0.35	0.31
Typhoid.....	0.07	0.20	2.62	2.46
Measles.....	8.86	8.26	1.46	1.27
Meningitis.....	0.62	0.97	1.79	1.91
Scarlet fever.....	7.30	4.85	1.68	1.10
Influenza.....	56.59	65.19		

## CURRENT STATE SUMMARIES.

## Telegraphic Reports for Week Ended February 15, 1919.

*Alabama.*—State totals: Typhoid fever 3, smallpox 12, scarlet fever 7, diphtheria 6, influenza 270.

*Arkansas.*—State totals: Influenza 303, scarlet fever 3, malaria 18, diphtheria 1, smallpox 21, measles 28, typhoid fever 2, pellagra 2.

*California.*—Influenza cases 640. Smallpox 27; Los Angeles County 1, Tulare County 14, Santa Cruz County 1, San Bernardino County 1, Orange County 3, Kern County 1, Los Angeles City 2, San Francisco 4. One case poliomyelitis reported from San Mateo City. Typhoid fever 5; Lompoc 1, Riverside City 2, Riverside County 2. One case cerebrospinal meningitis reported from San Francisco.

*Connecticut.*—No outbreak or unusual prevalence. Total cases of influenza 161.

*Florida.*—State totals: Scarlet fever 5, diphtheria 10, meningitis 1. Only 55 cases of influenza reported.

*Illinois.*—Diphtheria 198; of which in Chicago 156. Scarlet fever 152; of which in Chicago 67, Mount Sterling 28. Smallpox 63, of which in Arlington Heights 11, Pekin, 10, Rockford 8, Peoria 5, Schram City 5. Meningitis in Chicago 1. Poliomyelitis in Chicago 1. Gonorrhoea 107, syphilis 47, influenza 1,160 of which in Chicago 554. Influenza recrudescence noted in following Illinois communities: Payson 24, Robinson Township (Crawford County) 16, Albion precinct (Edwards County) 48, Salem precinct (Edwards County) 23, Bowling Green Township (Fayette County) 31, Galesburg 27, Macomb 24, Rock Creek precinct (Menard County) 15, Jonesboro 17, Albany 12.

*Indiana.*—Scarlet fever: Epidemic at Greenfield, Columbia City, South Whitley, Corunna, Logansport, Tipton. Smallpox: Present at Goshen, Laporte, Elkhart, Huntington, Clinton, Anderson, St. Paul, Glenwood, Silverlake. Diphtheria: Present at Goshen, Columbia City, Edinburg, Fortville, Marion, Farmland, Fort Branch, Plainfield, Etna Green, and in Marion County. Syphilis reported 17 cases, gonorrhoea 26 cases. Rabies present in Knox and Hendricks Counties.

*Iowa.*—Chancroid: Council Bluffs 2, Dubuque 1, Sioux City 1. Diphtheria: Cedar Rapids 1, Clarinda 1, Council Bluffs 1, Des Moines 7, Dubuque 5, Gladbrook 1, Mason City 1, Radcliffe 1. Gonorrhoea: Ainsworth 1, Baxter 1, Boone 1, Castania 1, Council Bluffs 14, Davenport 15, Des Moines 3, Dubuque 1, Greene 1, Low Moor 1, Marshalltown 3, Oskaloosa 1, Sioux City 10. Measles: Clarinda 1, Council Bluffs 1. Scarlet fever: Beaman 1, Boone 1, Burlington 2, Cedar Rapids 1, Council Bluffs 1, Davenport 1, Des Moines 9, Dubuque 1, Goodell 2, Iowa City 3, Knoxville 1, Mason City 1, Ottumwa 1,

Pella 1. Smallpox: Bonaparte 1, Burlington 1, Cedar Rapids 5, Council Bluffs 6, Davenport 2, Des Moines 4, Farley 1, Mason City 2. Syphilis: Boone 1, Davenport 15, Dubuque 5, Marshalltown 1, Sioux City 3. In rural districts of following counties. Diphtheria: Linn 1, Union 1. Scarlet fever: Allamakee 1, Boone 1, Crawford 1, Grundy 1, Hancock 1, Jasper 2, Marshall 1, Shelby 2. Smallpox: Grundy 1. Influenza cases reported in State 258.

*Kansas.*—One case meningitis at Wayside. State totals: Smallpox 29, diphtheria 22, scarlet fever 49, influenza 2,153.

*Louisiana.*—State totals: Influenza 1,033, poliomyelitis 1, cerebrospinal meningitis 2, smallpox 39, diphtheria 14, typhoid fever 3.

*Maine.*—Diphtheria: Portland 1. Gonorrhoea: Augusta 2, Portland 4, Limestone 1, Skowhegan 2, Fairfield 1, Millbridge 1. Measles: Bath 1, Unity 1, Knox 1. Scarlet fever: Portland 4, Bangor 4, Rockland 2, Bath 2. Smallpox: Fort Kent 2. Syphilis: Bangor 5, Portland 3, Auburn 2, Waterville 1, Machias 2, Calais 1, Baileyville 2, Tuberculosis: Five cases reported. Typhoid fever: Portland 1, Bath 1, Dover 1. Whooping cough: Sanford 4. Influenza: Ninety-one scattered cases.

*Massachusetts.*—Unusual prevalence. Scarlet fever: Cambridge 7, Lowell 7, Somerville 7. Diphtheria: Danvers 5, Haverhill 5, Somerville 7. Whooping cough: Belmont 10. Typhoid fever: Lawrence 5.

*Minnesota.*—Smallpox (new foci): Beltrami County, Bemidji City, 1; Pennington County, Rocksbury Township, 1; Rock County, Springwater Township, 1; Waseca County, Kanessville Township, 1. State totals: Syphilis 45, gonorrhoea 75, chancroid 2.

*New Jersey.*—State totals: Influenza 1,476 cases, pneumonia 355 cases. No unusual prevalence of other diseases.

*New York.*—Outside of New York City. Typhoid fever 19, measles 148, whooping cough 82, diphtheria 192 (decrease of 75 from preceding week), scarlet fever 213. Smallpox: Binghamton 1, Rochester 1, Niagara Falls 1, Mechanicsville 1. Cerebrospinal meningitis 6, pneumonia 206. Voluntary reports: Syphilis 84, gonorrhoea 9.

*North Carolina.*—State totals: Whooping cough 58, measles 118, diphtheria 17, scarlet fever 9, septic sore throat 4, smallpox 41, chicken pox 19, typhoid fever 5, epidemic meningitis 2, ophthalmia neonatorum 3, broncho-pneumonia 59, lobar pneumonia 41, gonorrhoea 52, syphilis 14, chancroid 5. Influenza by counties: Alamance 38, Cleveland 225, Cumberland 26, Davidson 25, Durham 1, Gaston 14, Montgomery 42, Pitt 24, Transylvania 9, Tyrrell 12, city of Charlotte 32.

*Ohio.*—No undue prevalence. Influenza negligible.

*Oklahoma.*—By counties. Pittsburg: Influenza 20, pneumonia 7, smallpox 1. Delaware: Influenza 67, pneumonia 20 (7 deaths). McClain: Influenza 97, pneumonia 13 (3 deaths). Pushmataha: Influenza 9, pneumonia 3 (2 deaths). Cleveland: Influenza 44, pneu-

monia 2. Haskell: Influenza 7, pneumonia 2. Washington: Influenza 34, pneumonia 6. Curtain: Smallpox 13. Latimer: Influenza 27. Blaine: Influenza 20, diphtheria 1. Noble: Smallpox 3.

*Vermont.*—Thirty-two towns report 458 cases of influenza. No other outbreak or unusual prevalence.

*Virginia.*—Smallpox: By counties; Loudoun 3, Tazewell 2, Norfolk 1, Portsmouth 1. Influenza: Cases reported 231.

*Washington.*—No unusual outbreaks. Smallpox: Yakima 17, Seattle 9, Tacoma 11. Diphtheria: Kitsap County 9 cases.

**CEREBROSPINAL MENINGITIS.**

**Cases Reported in Extra-Cantonment Zones, Week Ended Feb. 15, 1919.**

Cases.		Cases.	
Fayetteville sanitary district, N. C.....	1	Gulfport health district, Miss.....	1
Camp Gordon zone, Ga.....	1	Camp Upton zone, N. Y.....	1

**State Reports for December, 1918, and January, 1919.**

Place.	New cases reported	Place.	New cases reported.
<b>Maryland (January):</b>		<b>Wisconsin (January):</b>	
Anne Arundel County.....	7	Brown County.....	2
Baltimore.....	14	Green Lake County.....	1
<b>Total.....</b>	<b>21</b>	Milwaukee County.....	10
<b>South Dakota (December):</b>		Waupaca County.....	1
Bon Homme County.....	1	<b>Total.....</b>	<b>14</b>
Charles Mix County.....	1		
Hutchinson County.....	1		
Stanley County.....	1		
<b>Total.....</b>	<b>4</b>		

**City Reports for Week Ended Feb. 1, 1919.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Akron, Ohio.....	1	.....	Los Angeles, Cal.....	2	.....
Alton, Ill.....	2	2	Milwaukee, Wis.....	3	.....
Baltimore, Md.....	5	3	Nashville, Tenn.....	1	.....
Birmingham, Ala.....	3	.....	Newark, N. J.....	1	.....
Boston, Mass.....	1	1	New York, N. Y.....	5	2
Bridgeport, Conn.....	1	2	Passaic, N. J.....	1	.....
Buffalo, N. Y.....	1	1	Philadelphia, Pa.....	1	.....
Charlotte, N. C.....	1	1	Pittsfield, Mass.....	.....	1
Chicago, Ill.....	2	.....	St. Louis, Mo.....	.....	1
Cincinnati, Ohio.....	1	1	Springfield, Mo.....	.....	2
Fort Scott, Kans.....	1	1	Trenton, N. J.....	1	.....
Little Rock, Ark.....	1	.....	Wheeling, W. Va.....	.....	1
Long Beach, Cal.....	1	.....			

**CHANCROID.**

**Cases Reported in Extra-Cantonment Zones, Week Ended Feb. 15, 1919.**

Cases.		Cases.	
Camp Gordon zone, Ga.....	1	Camp Polk zone, N. C.....	1
Camp Logan zone, Tex.....	1	Camp Sheridan zone, Ala.....	4
Muscle Shoals sanitary district, Ala.....	17	Tidewater health district, Va.....	1
Camp Pike zone, Ark.....	1	Camp Travis zone, Tex.....	1

**DIPHTHERIA.****Cases Reported in Extra-Cantonment Zones, Week Ended Feb. 15, 1919.**

	Cases.		Cases.
Camp Dix zone, N. J.	1	Camp Merritt zone, N. J.	1
Camp Dodge zone, Iowa	4	Muscle Shoals sanitary district, Ala.	5
Camp Funston zone, Kans.	1	Camp Polk zone, N. C.	1
Gas and Flame School zone, Ga. and Ala.	1	Camp Sherman zone, Ohio.	2
Camp Gordon zone, Ga.	3	Camp Zachary Taylor zone, Ky. and Ind.	3
Fort Leavenworth zone, Kans.	7	Tidewater health district, Va.	2
Camp Lee zone, Va.	1	Wilmington sanitary district, N. C.	1
Camp Logan zone, Tex.	1		

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 365.

**GONORRHEA.****Cases Reported in Extra-Cantonment Zones, Week Ended Feb. 15, 1919.**

	Cases.		Cases.
Camp Bowie zone, Tex.	15	Fort Oglethorpe zone, Ga. and Tenn.	11
Camp Dodge zone, Iowa	6	Picric Acid Plant zone, Ga.	3
Fayetteville sanitary district, N. C.	4	Camp Pike zone, Ark.	22
Camp Gordon zone, Ga.	23	Camp Polk zone, N. C.	2
Gulfport health district, Miss.	6	Portsmouth-Kittery sanitary district, N. H. and Me.	1
Camp Humphreys zone, Va.	1	Camp Sheridan zone, Ala.	8
Camp Jackson zone, S. C.	1	Camp Sherman zone, Ohio.	4
Fort Leavenworth zone, Kans.	9	Camp Zachary Taylor zone, Ky. and Ind.	30
Camp Lee zone, Va.	8	Tidewater health district, Va.	6
Camp Logan zone, Tex.	11	Camp Travis zone, Tex.	17
Camp McClellan zone, Ala.	5	Camp Wadsworth zone, S. C.	1
Muscle Shoals sanitary district, Ala.	24		

**INFLUENZA.****Cases Reported in Extra-Cantonment Zones, Week Ended Feb. 15, 1919.**

	Cases.		Cases.
Camp Bowie zone, Tex.	1	Camp Merritt zone, N. J.	39
Charleston sanitary district, N. C.	20	Muscle Shoals sanitary district, Ala.	32
Camp Devens zone, Mass.	1	Fort Oglethorpe zone, Ga. and Tenn.	17
Camp Eberts zone, Ark.	15	Picric Acid Plant zone, Ga.	8
Fayetteville sanitary district, N. C.	20	Camp Pike zone, Ark.	33
Camp Funston zone, Kans.	12	Camp Polk zone, N. C.	144
Gas and Flame School zone, Ga. and Ala.	31	Portsmouth and Norfolk County Health district, Va.	28
Gerstner Field zone, La.	12	Camp Sevier zone, S. C.	226
Camp Gordon zone, Ga.	66	Camp Sherman zone, Ohio.	23
Gulfport health district, Miss.	91	Souther Field zone, Ga.	100
Camp Hancock zone, Ga.	3	Camp Zachary Taylor zone, Ky. and Ind.	90
Camp Humphreys zone, Va.	97	Tidewater health district, Va.	10
Camp Jackson zone, S. C.	27	Camp Travis zone, Tex.	9
Fort Leavenworth zone, Kans.	6	Camp Wadsworth zone, S. C.	19
Camp Lee zone, Va.	89	Camp Wheeler zone, Ga.	1
Camp Lewis zone, Wash.	8	Wilmington sanitary district, N. C.	28
Camp Logan zone, Tex.	2		

**MALARIA.**

**Cases Reported in Extra-Cantonment Zones, Week Ended Feb. 15, 1919.**

	Cases.		Cases.
Gulfport health district, Miss.....	5	Camp Pike zone, Ark.....	2

**Maryland Report for January, 1919.**

Place.	New cases reported.	Place.	New cases reported.
Maryland: Kent County— Chestertown.....	1	Maryland—Continued. Somerset County— Fairmount..... Rumbley.....	1 8
		Total.....	10

**City Reports for Week Ended Feb. 1, 1919.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Charleston, S. C.....		1	Pine Bluff, Ark.....	15	
Charlotte, N. C.....	1	1	Tuscaloosa, Ala.....	1	

**MEASLES.**

**Cases Reported in Extra-Cantonment Zones, Week Ended Feb. 15, 1919.**

	Cases.		Cases.
Camp Bowie zone, Tex.....	2	Muscie Shoals sanitary district, Ala.....	12
Camp Devens zone, Mass.....	4	Picric Acid Plant zone, Ga.....	4
Fayetteville sanitary district, N. C.....	8	Camp Pike zone, Ark.....	2
Gas and Flame School zone, Ga. and Ala.....	2	Camp Polk zone, N. C.....	8
Camp Gordon zone, Ga.....	3	Camp Zachary Taylor zone, Ky. and Ind.....	16
Gulfport health district, Miss.....	4	Tidewater health district, Va.....	1
Camp Humphreys zone, Va.....	2	Camp Travis zone, Tex.....	1
Camp Jackson zone, S. C.....	2	Camp Wadsworth zone, S. C.....	7
Camp Lewis zone, Wash.....	3	Camp Wheeler zone, Ga.....	6
Camp Logan zone, Tex.....	13		

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 365.

**PELLAGRA.**

**Cases Reported in Extra-Cantonment Zones, Week Ended Feb. 15, 1919.**

	Cases.		Cases.
Camp Bowie zone, Tex.....	1	Gas and Flame School zone, Ga. and Ala.....	2

**Maryland Report for January, 1919.**

During the month of January, 1919, one case of pellagra was reported at Pinto, Allegany County, Md.

**City Reports for Week Ended Feb. 1, 1919.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Birmingham, Ala.....	1	3	Roanoke, Va.....	1	
New Orleans, La.....	1		Tuscaloosa, Ala.....	1	
Oklahoma City, Okla.....		1			

## PNEUMONIA.

## Cases Reported in Extra-Cantonment Zones, Week Ended Feb. 15, 1919.

Cases.		Cases.	
Camp Bowie zone, Tex.....	4	Camp Merritt zone, N. J.....	9
Camp Devens zone, Mass.....	1	Muscle Shoals sanitary district, Ala.....	1
Camp Eberts zone, Ark.....	3	Picric Acid Plant zone, Ga.....	2
Fayetteville sanitary district, N. C.....	5	Camp Pike zone, Ark.....	5
Gas and Flame School zone, Ga. and Ala.....	3	Camp Polk zone, N. C.....	1
Gerstner Field zone, La.....	2	Portsmouth and Norfolk County health district, Va.....	2
Camp Gordon zone, Ga.....	2	Souther Field zone, Ga.....	7
Gulfport health district, Miss.....	7	Tidewater health district, Va.....	1
Camp Humphreys zone, Va.....	7	Camp Travis zone, Tex.....	3
Camp Jackson zone, S. C.....	2	Wilmington sanitary district, N. C.....	4
Camp Logan zone, Tex.....	2		
Camp McClellan zone, Ala.....	1		

## City Reports for Week Ended Feb. 1, 1919.

Place.	Lobar.		All forms.	
	Cases.	Deaths.	Cases.	Deaths.
Akron, Ohio.....	1			
Albany, N. Y.....	15			
Alexandria, La.....	2			
Ann Arbor, Mich.....	1	1		
Atlanta, Ga.....			5	54
Austin, Tex.....			1	1
Baltimore, Md.....	37	49		
Barre, Vt.....	1			
Baton Rouge, La.....	2	4	4	5
Berkeley, Cal.....	1			
Bloomfield, N. J.....			2	2
Bloomington, Ind.....	1	1		
Bluefield, W. Va.....	1			
Boston, Mass.....	67	29		
Bridgeport, Conn.....	1			
Bristol, Conn.....	1			
Buffalo, N. Y.....	25	16		
Butte, Mont.....	4			
Cambridge, Mass.....	6	7		
Camden, N. J.....	8			
Charleston, W. Va.....	6	8		
Chelsea, Mass.....	2	3		
Chicago, Ill.....			461	125
Cleveland, Ohio.....	48	63		
Colorado Springs, Colo.....			4	2
Columbia, S. C.....	9			
Council Bluffs, Iowa.....	6	6		
Cranston, R. I.....	2	2		
Danville, Ill.....	1	1		
Dayton, Ohio.....	4	3		
Detroit, Mich.....	10	45	30	75
Duluth, Minn.....	2	3		
East Orange, N. J.....			6	6
Elizabeth, N. J.....	2			
Englewood, N. J.....	2	1		
Everett, Mass.....			36	4
Fall River, Mass.....	4	2		
Forth Worth, Tex.....	14	16		
Framingham, Mass.....	1			
Fremont, Ohio.....	1			
Fresno, Cal.....			42	2
Grand Rapids, Mich.....	4			
Greenwich, Conn.....	7	2		
Hackensack, N. J.....	8	5		
Harrison, N. J.....	1			
Haverhill, Mass.....	3	3		
Highland Park, Mich.....	11	5		
Hoquiam, Wash.....	5			
Independence, Mo.....	3	3		
Jamestown, N. Y.....			6	2
Jersey City, N. J.....			7	
Kalamazoo, Mich.....			7	4
Kansas City, Kans.....			9	
Kansas City, Mo.....	28	20		
Kearny, N. J.....	5	6		

## PNEUMONIA—Continued.

City Reports for Week Ended Feb. 1, 1919—Continued.

Place.	Lobar.		All forms.	
	Cases.	Deaths.	Cases.	Deaths.
Lackawanna, N. Y.	4	3		
Little Rock, Ark.	16	10		
Long Branch, N. J.			1	1
Lorain, Ohio	1	1		
Los Angeles, Cal.	11	7		
Louisville, Ky.	3	7		
Lynn, Mass.	1	2		
Methuen, Mass.	3			
Montclair, N. J.	7	2		
Morgantown, W. Va.	1			
Morristown, N. J.			6	4
Mount Vernon, N. Y.	4	7		
Nashville, Tenn.	1	3		
Newark, N. J.	58	14		
New Bedford, Mass.	1	3		
New Orleans, La.			5	41
Newton, Mass.	2			
New York, N. Y.		366	981	623
Norfolk, Va.	1	1		
North Tonawanda, N. Y.	2	2		
Norwich, Conn.	2	1		
Oak Park, Ill.	2	6		
Oklahoma City, Okla.			4	9
Oswego, N. Y.	1			
Parkersburg, W. Va.	2	2		
Passaic, N. J.	6	3		
Peoria, Ill.			50	5
Philadelphia, Pa.	247	110		
Piqua, Ohio.	1	1		
Port Chester, N. Y.	7	3		
Portsmouth, Va.	4	5		
Richmond, Va.	2	6		
Rochester, N. Y.	12	3		
Rome, N. Y.	2			
Salem, Mass.	4	1		
Sandusky, Ohio.			2	2
Santa Barbara, Cal.			1	3
Saratoga Springs, N. Y.	1	2		
Sault Ste. Marie, Mich.	1	1		
Schenectady, N. Y.	2			
Somerville, Mass.	3	3		
Springfield, Mass.	14	4		
Stockton, Cal.	1	5	8	9
Topeka, Kans.	1	1		
Trenton, N. J.	2	8		
Troy, N. Y.	2	2		
Tyler, Tex.	38	3		
Wakefield, Mass.	3	1		
Watertown, Mass.	2	1		
West New York, N. J.			14	5
Wichita, Kans.	4			
Winston-Salem, N. C.	5	2		
Worcester, Mass.	10			28
Yonkers, N. Y.	8	12		

## POLIOMYELITIS (INFANTILE PARALYSIS).

Wisconsin Report for January, 1919.

During the month of January, 1919, three cases of poliomyelitis were reported in Wisconsin—one each in Milwaukee, Racine, and Shawano Counties.

City Reports for Week Ended Feb. 1, 1919.

During the week ended February 1, 1919, one case of poliomyelitis was reported at Boston, Mass., and four cases were reported at Chicago, Ill. One death was reported at El Paso, Tex.



**RABIES IN ANIMALS.**

**City Reports for Week Ended Feb. 1, 1919.**

Rabies in animals was reported, during the week ended February 1, 1919, at Houston, Tex., two cases, and at Kansas City, Mo., one case.

**SCARLET FEVER.**

**Cases Reported in Extra-Cantonment Zones, Week Ended Feb. 15, 1919.**

Cases.		Cases.	
Camp Bowie zone, Tex.....	1	Camp Lewis zone, Wash.....	1
Camp Dodge zone, Iowa.....	7	Camp Pike zone, Ark.....	4
Camp Funston zone, Kans.....	4	Camp Sheridan zone, Ala.....	2
Gas and Flame School zone, Ga. and Ala.....	1	Camp Sherman zone, Ohio.....	4
Camp Gordon zone, Ga.....	4	Camp Zachary Taylor zone, Ky. and Ind.....	9
Gulfport health district, Miss.....	2	Tidewater health district, Va.....	2
Fort Leavenworth zone, Kans.....	3	Wilmington sanitary district, N. C.....	1

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 365.

**SMALLPOX.**

**Cases Reported in Extra-Cantonment Zones, Week Ended Feb. 15, 1919.**

Cases.		Cases.	
Camp Bowie zone, Tex.....	3	Muscle Shoals sanitary district, Ala.....	5
Camp Dodge zone, Iowa.....	4	Picric Acid Plant zone, Ga.....	1
Gas and Flame School zone, Ga. and Ala.....	6	Portsmouth and Norfolk County health district, Va.....	2
Gerstner Field zone, La.....	10	Camp Wadsworth zone, S. C.....	3
Camp Gordon zone, Ga.....	35		
Fort Leavenworth zone, Kans.....	2		

**State Reports for January, 1919—Vaccination Histories.**

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Number vaccinated within 7 years preceding attack.	Number last vaccinated more than 7 years preceding attack.	Number never successfully vaccinated.	Vaccination history not obtained or uncertain.
<b>Maryland:</b>						
Allegany County—						
Cumberland.....	1				1	
Dorchester County—						
Cambridge.....	5				5	
Airey, R. D.....	2				2	
Reids Grove.....	3				3	
Cornistown, R. D.....	1				1	
Jones Thicket.....	7				7	
Frederick County—						
Brunswick.....	4				4	
Point of Rocks.....	3				3	
Prince Georges County—						
Seat Pleasant.....	1				1	
Somerset County—						
Princess Anne, R. D.....	1				1	
Washington County—						
Hagerstown.....	7				7	
<b>Total.....</b>	<b>35</b>				<b>35</b>	

**SMALLPOX—Continued.**

**State Reports for January, 1919—Vaccination Histories—Continued.**

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Number vaccinated within 7 years preceding attack.	Number last vaccinated more than 7 years preceding attack.	Number never successfully vaccinated.	Vaccination history not obtained or uncertain.
<b>Wisconsin:</b>						
Ashland County.....	4				1	3
Brown County.....	5				1	4
Chippewa County.....	2				2	
Clark County.....	10				10	
Columbia County.....	2				2	
Crawford County.....	7					7
Dane County.....	13		9		4	
Douglas County.....	15		1		14	
Eau Claire County.....	2				1	1
Florence County.....	10					10
Forest County.....	3				3	
Kewaunee County.....	3				3	
Manitowoc County.....	1		1			
Marathon County.....	1				1	
Marinette County.....	11				8	3
Milwaukee County.....	6				1	5
Oconto County.....	2					2
Outagamie County.....	5		4			1
Price County.....	2				2	
Rock County.....	2		2			
Rusk County.....	2		1			1
Sauk County.....	1					1
Sawyer County.....	1					1
Vilas County.....	10		1		9	
Washburn County.....	1					1
Washington County.....	1					1
Winnebago County.....	15				14	1
<b>Total.....</b>	<b>137</b>		<b>19</b>		<b>76</b>	<b>42</b>

**State Reports for December, 1918, and January, 1919.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
<b>South Dakota (December):</b>			<b>South Dakota—Continued.</b>		
Codington County.....	3		Perkins County.....	9	
Custer County.....	3		Yankton County.....	1	
Davison County.....	1		<b>Total.....</b>	<b>53</b>	
Fall River County.....	26		<b>Vermont (January):</b>		
Grant County.....	2		Orleans County.....	1	
Gregory County.....	1				
Jerauld County.....	5				
Minnehaha County.....	2				

**City Reports for Week Ended Feb. 1, 1919.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Atchinson, Kans.....	5		Duluth, Minn.....	2	
Atlanta, Ga.....	23		East Cleveland, Ohio.....	1	
Beloit, Wis.....	2		Elgin, Ill.....	6	
Canton, Ill.....	1		El Paso, Tex.....	1	
Chanute, Kans.....	1		Greeley, Colo.....	1	
Cheyenne, Wyo.....	3		Green Bay, Wis.....	3	
Chicago, Ill.....	1		Hoquiam, Wash.....	1	
Cleveland, Ohio.....	7		Houston, Tex.....	1	1
Council Bluffs, Iowa.....	17		Indianapolis, Ind.....	1	
Covington, Ky.....	2		Ironwood, Mich.....	1	
Davenport, Iowa.....	4		Kalamazoo, Mich.....	5	
Denver, Colo.....	10		Kansas City, Mo.....	6	
Des Moines, Iowa.....	1		Lincoln, Nebr.....	10	

## SMALLPOX—Continued.

## City Reports for Week Ended Feb. 1, 1919—Continued.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Los Angeles, Cal.....	1	.....	St. Joseph, Mo.....	3	.....
Madison, Wis.....	2	.....	St. Paul, Minn.....	8	.....
Middletown, Ohio.....	2	.....	Salt Lake City, Utah.....	1	.....
Milwaukee, Wis.....	1	.....	San Bernardino, Cal.....	1	.....
Minneapolis, Minn.....	5	.....	San Jose, Cal.....	1	.....
Mobile, Ala.....	2	.....	Seattle, Wash.....	6	.....
Muskogee, Okla.....	4	.....	Sioux City, Iowa.....	3	.....
New Orleans, La.....	3	.....	Sioux Falls, S. Dak.....	1	.....
Norfolk, Va.....	2	.....	South Bend, Ind.....	1	.....
Ogden, Utah.....	5	.....	Spartanburg, S. C.....	1	.....
Oklahoma City, Okla.....	20	.....	Springfield, Ill.....	5	.....
Omaha, Nebr.....	21	.....	Superior, Wis.....	4	.....
Oswego, N. Y.....	2	.....	Tacoma, Wash.....	3	.....
Pekin, Ill.....	5	.....	Toledo, Ohio.....	1	.....
Peoria, Ill.....	6	.....	Wilkinsburg, Pa.....	1	.....
Portland, Oreg.....	2	.....	Winston-Salem, N. C.....	12	.....
Portsmouth, Va.....	2	.....	Zanesville, Ohio.....	4	.....
Rock Island, Ill.....	1	.....			

## SYPHILIS.

## Cases Reported in Extra-Cantonment Zones, Week Ended Feb. 15, 1919.

Cases.	Cases.		
Camp Bowie zone, Tex.....	7	Pieric Acid Plant zone, Ga.....	2
Camp Dodge zone, Iowa.....	2	Camp Pike zone, Ark.....	5
Fayetteville sanitary district, N. C.....	1	Portsmouth and Norfolk County health district, Va.....	1
Camp Gordon zone, Ga.....	39	Camp Sheridan zone, Ala.....	16
Gulfport health district, Miss.....	1	Camp Zachary Taylor zone, Ky. and Ind.....	43
Camp Jackson zone, S. C.....	12	Tidewater health district, Va.....	3
Camp Lee zone, Va.....	9	Camp Travis zone, Tex.....	8
Camp Logan zone, Tex.....	3		
Muscle Shoals sanitary district, Ala.....	6		

## TETANUS.

## City Reports for Week Ended Feb. 1, 1919.

During the week ended February 1, 1919, one case of tetanus was reported at Cleveland, Ohio. One death from this disease was reported at Oklahoma City, Okla., one at St. Joseph, Mo., and one at Springfield, Mo.

## TUBERCULOSIS.

## Cases Reported in Extra-Cantonment Zones, Week Ended Feb. 15, 1919.

Cases.	Cases.		
Camp Dodge zone, Iowa.....	1	Pieric Acid Plant zone, Ga.....	1
Fayetteville sanitary district, N. C.....	1	Camp Pike zone, Ark.....	4
Gas and Flame School zone, Ga. and Ala.....	2	Camp Polk zone, N. C.....	1
Camp Gordon zone, Ga.....	10	Camp Zachary Taylor zone, Ky. and Ind.....	10
Camp Humphreys zone, Va.....	1	Tidewater health district, Va.....	1
Camp Jackson zone, S. C.....	1	Camp Travis zone, Tex.....	3
Camp Lee zone, Va.....	4	Wilmington sanitary district, N. C.....	2
Camp Logan zone, Tex.....	2		

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 365.

TYPHOID FEVER.

Cases Reported in Extra-Cantonment Zones, Week Ended Feb. 15, 1919.

	Cases.		Cases.
Camp Bowie zone, Tex.....	1	Camp Merritt zone, N. J.....	1
Camp Hancock zone, Ga.....	1	Portsmouth and Norfolk County health district, Va.....	1
Camp Jackson zone, S. C.....	1	Wilmington sanitary district, N. C.....	2
Fort Leavenworth zone, Kans.....	2		
Camp Logan zone, Tex.....	1		

State Reports for December, 1918, and January, 1919.

Place.	New cases reported.	Place.	New cases reported.
<b>Maryland (January):</b>		<b>Maryland (January)—Continued.</b>	
Baltimore.....	18	Montgomery County— New Cut Road.....	1
Allegany County— Cumberland.....	1	Washington County— Boonsboro, R. D.....	2
Allegany hospital.....	2	Total.....	51
Anne Arundel County— Brooklyn.....	2		
Gambrills.....	1	<b>South Dakota (December):</b>	
Baltimore County— Rossville.....	4	Clark County.....	10
Stevenson.....	1	Fall River County.....	3
Catonsville.....	1	Total.....	13
Essex.....	1		
Caroline County— Denton, R. D.....	2	<b>Vermont (January):</b>	
Federalburg.....	3	Caledonia County.....	1
Ridgely, R. D.....	1	Chittenden County.....	2
Carroll County— Taneytown, R. D.....	2	Total.....	3
Charles County— Pomfret.....	1		
Indian Head.....	1	<b>Wisconsin (January):</b>	
Dorchester County— Hurlock.....	1	Burnett County.....	1
Frederick County— Frederick, R. D.....	2	Dodge County.....	1
Walkersville, R. D.....	2	La Crosse County.....	1
Loys.....	1	Milwaukee County.....	4
Harford County— Havre de Grace.....	1	Total.....	7

City Reports for Week Ended Feb. 1, 1919.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Albany, N. Y.....	1		Long Beach, Cal.....	1	1
Allentown, Pa.....	3		Los Angeles, Cal.....	4	1
Baltimore, Md.....	9	1	Lynn, Mass.....	1	
Berkeley, Cal.....	1		Memphis, Tenn.....	1	
Birmingham, Ala.....	1	1	Milwaukee, Wis.....	1	
Boston, Mass.....	3		Minneapolis, Minn.....	2	1
Buffalo, N. Y.....	1		Mobile, Ala.....	1	1
Butler, Pa.....	17		Moline, Ill.....	1	1
Cambridge, Mass.....	1	1	Nashville, Tenn.....	1	
Chicago, Ill.....	1	1	New Haven, Conn.....	1	1
Columbus, Ohio.....	1		New Orleans, La.....	3	
Covington, Ky.....	1	1	Newton, Mass.....	2	
Detroit, Mich.....	1		New York, N. Y.....	9	2
Duluth, Minn.....	1		Oswego, N. Y.....	2	
East Orange, N. J.....	1		Philadelphia, Pa.....	3	2
Elizabeth, N. J.....	1		Pine Bluff, Ark.....	2	
Everett, Mass.....	1		Providence, R. I.....	1	
Fairmont, W. Va.....	4		Quincy, Mass.....	1	
Fall River, Mass.....	1		Rahway, N. J.....	1	
Greensboro, N. C.....	1	1	Reading, Pa.....	1	
Houston, Tex.....	1	2	Saginaw, Mich.....	2	
Independence, Mo.....	10		St. Louis, Mo.....	1	1
Ironton, Ohio.....	2	1	San Bernardino, Cal.....	1	
La Crosse, Wis.....	1		Waltham, Mass.....	1	
Lawrence, Mass.....	3	1	Zanesville, Ohio.....	3	

## DIPHThERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS.

## State Reports for December, 1918, and January, 1919.

State.	Cases reported.		
	Diphtheria.	Measles	Scarlet fever.
Maryland (January).....	200	247	265
South Dakota (December).....	22	20	34
Vermont (January).....	24	92	34
Wisconsin (January).....	139	168	243

## City Reports for Week Ended Feb. 1, 1919.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Adams, Mass.....	14,406	2								1
Akron, Ohio.....	93,604	56	3		4		7		1	
Alameda, Cal.....	28,433	8	2						1	
Albany, N. Y.....	106,632		4		3		3		3	
Alexandria, La.....	16,232	13							1	
Allentown, Pa.....	65,109		5		3		1		2	
Alliance, Ohio.....	19,581	13								
Alton, Ill.....	23,783	15								
Altoona, Pa.....	59,712		15				5			
Ann Arbor, Mich.....	15,041	10			1		3		1	
Ansonia, Conn.....	16,954	5								
Appleton, Wis.....	18,005	5								
Arlington, Mass.....	13,073	7	2		1					
Asbury Park, N. J.....	14,629	3			1					
Ashtabula, Ohio.....	22,008	5								
Atchison, Kans.....	16,785						2			
Atlanta, Ga.....	196,144	106	4	1	2		4		3	3
Atlantic City, N. J.....	59,515	7					1		3	
Attleboro, Mass.....	19,776	4	1		2					
Austin, Tex.....	35,612	10	3				1		4	4
Baltimore, Md.....	594,637	362	38		17		60		30	30
Baton Rouge, La.....	17,544	12								1
Battle Creek, Mich.....	30,159		3		2		2			
Bayonne, N. J.....	72,204		10				1		6	
Beatrice, Nebr.....	10,437	5								
Bedford, Ind.....	10,613	12					1			2
Bellaire, Ohio.....	14,575	8					1			1
Beloit, Wis.....	18,547	5	1		1					
Benton Harbor, Mich.....	11,099	3								
Berkeley, Cal.....	60,427	14								
Berlin, N. H.....	13,892	3								1
Beverly, Mass.....	22,128	12								1
Billings, Mont.....	15,123						2			
Birmingham, Ala.....	189,716	71	3		11		5		16	6
Bloomfield, N. J.....	19,013	3	1				1		1	
Bloomington, Ind.....	11,661	4								
Bluefield, W. Va.....	16,123						1			
Boise, Idaho.....	35,951	9								
Boston, Mass.....	767,813	291	53		8		44		54	18
Boulder, Colo.....	12,012						2			
Braddock, Pa.....	22,060		1						2	
Bradford, Pa.....	14,544				1					
Brazil, Ind.....	10,472	6								
Bridgeport, Conn.....	124,724	48	10				2		3	4
Bristol, Conn.....	16,318	7	1				3			1
Brockton, Mass.....	69,152	16					3		2	1
Brookline, Mass.....	33,526	10	2						1	
Buffalo, N. Y.....	475,781	200	81	5	12	3	28	1	38	12
Burlington, Iowa.....	25,144	3					2			
Burlington, Vt.....	21,802	3			4					1
Butte, Mont.....	44,057		1				1			
Cadillac, Mich.....	10,158	4	1	1			2			
Caïro, Ill.....	15,995	5								
Cambridge, Mass.....	114,233	49	8				2		3	7
Camden, N. J.....	108,117		3				7		4	
Carlisle, Pa.....	10,795		1							

DIPHThERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Contd.

City Reports for Week Ended Feb. 1, 1919—Continued.

City.	Popula- tion as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Chambersburg, Pa.	12,475						1			
Champaign, Ill.	15,052	5								
Chanute, Kans.	12,968	* 5								
Charleston, S. C.	61,041	29						1	1	
Charleston, W. Va.	31,060	20	4				1			
Charlotte, N. C.	40,759	29			5		1			1
Chelsea, Mass.	48,405	23			2		1			2
Cheyenne, Wyo.	11,320				1					
Chicago, Ill.	2,547,201	823	127	12	89		59	2	332	62
Chicopee, Mass.	29,950	6	2							
Chillicothe, Ohio.	15,625	2					3			
Cincinnati, Ohio.	414,248	138	11		1		11		28	17
Cleveland, Ohio.	692,259	268	29	3	8		11		30	19
Clinton, Mass.	13,075	2					1			
Coatesville, Pa.	14,998		1							
Cohoes, N. Y.	25,292	8					2		1	
Colorado Springs, Colo.	38,965	13							22	4
Columbia, S. C.	35,165				1				1	
Columbus, Ohio.	220,135	65	1				3		4	6
Concord, N. H.	22,858	9					1			
Council Bluffs, Iowa.	31,838	14			4		2			2
Covington, Ky.	59,623	23	5				1		1	1
Cranston, R. I.	26,773	6								
Cumberland, Md.	26,686	9			8					
Danbury, Conn.	22,931	11							1	
Danvers, Mass.	10,037									1
Danville, Ill.	32,969	7	1							
Danville, Va.	20,133	10								
Davenport, Iowa.	49,618		1							
Dayton, Ohio.	128,939	48	2	1	1		4		3	
Denver, Colo.	268,439	83	7				6			12
Des Moines, Iowa.	104,052		5				4			
Detroit, Mich.	619,648	335	90	11	8	2	62		32	22
Dover, N. H.	13,270	7							1	
Dubuque, Iowa.	40,096		3		1		1			1
Duluth, Minn.	97,077	22	6		1				5	1
Dunmore, Pa.	21,286		3							
Durham, N. C.	26,160	13					1			1
East Chicago, Ind.	30,286	3								
East Cleveland, Ohio.	13,864						1			1
Easthampton, Mass.	10,656						1			
East Liverpool, Ohio.	22,941	12								
Easton, Pa.	30,854		4		6					
East Orange, N. J.	43,761	19	1		1				1	1
East Providence, R. I.	18,485						2			
Eau Claire, Wis.	18,887		1		12					
Elgin, Ill.	28,562	4								
Elizabeth, N. J.	83,830		7	2			1		9	5
Elmira, N. Y.	38,272	16			2		6		1	1
El Paso, Tex.	69,149	54	5				3		1	11
Englewood, N. J.	12,103	1								
Erie, Pa.	76,592		6				1		5	
Eureka, Cal.	15,142	3								
Evanston, Ill.	29,304	12	1		1					
Everett, Mass.	40,160	14	5				9		2	
Everett, Wash.	37,205						2			
Fairmont, W. Va.	16,111						2			
Fall River, Mass.	129,828	54	6		25	1	4		6	6
Fargo, N. Dak.	17,872	6								
Findlay, Ohio.	14,858	4	1							
Flint, Mich.	57,386	13	7	1			1			
Fond du Lac, Wis.	21,486	9								1
Fort Scott, Kans.	10,564	1							2	
Fort Wayne, Ind.	78,014	30	1							5
Fort Worth, Tex.	109,597	47							3	3
Framingham, Mass.	14,149	3							1	1
Frederick, Md.	11,225	5					1			
Freeport, Ill.	19,844	5	1							1
Fremont, Ohio.	11,034	4								
Fresno, Cal.	36,314	10								1
Galesburg, Ill.	24,629	12			6					
Galveston, Tex.	42,650	16								2

1 Population Apr. 15, 1910.

## DIPHThERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Contd.

City Reports for Week Ended Feb. 1, 1919—Continued.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Geneva, N. Y.	13,915	2					1			
Grand Forks, N. Dak.	16,342	11					2			
Grand Rapids, Mich.	132,861	43	3		1		9	1	8	1
Great Falls, Mont.	113,948	9	1		2		2			
Greeley, Colo.	11,942		1							
Green Bay, Wis.	30,017	15	1							
Greensburg, Pa.	15,881		1							
Greenwich, Conn.	19,594						2			1
Hackensack, N. J.	17,412	12	1				2			
Harrisburg, Pa.	73,276		2				2			
Hartford, Conn.	112,831		7	2	32	1	7	1	6	2
Hazleton, Pa.	28,981						1			
Highland Park, Mich.	33,859	15	3						5	
Hoboken, N. J.	78,324	16	9						4	1
Holland, Mich.	12,459	2								
Holyoke, Mass.	66,503	15	7	3			3		1	2
Houston, Tex.	116,878	57			7					4
Hudson, N. Y.	12,898	4								
Hutchinson, Kans.	21,461		1		1		1			
Independence, Mo.	11,964	13					1			
Indianapolis, Ind.	283,622	87	9	2	2		4		9	7
Ironton, Ohio.	14,079	4					2		1	
Ironwood, Mich.	15,095	9					1			
Ithaca, N. Y.	16,017						13		1	
Jamestown, N. Y.	37,431		3						1	
Janesville, Wis.	14,411	2								
Jersey City, N. J.	312,557		32				7		18	
Johnstown, N. Y.	10,678	2								
Johnstown, Pa.	70,473		11							
Kalamazoo, Mich.	50,408	29	2				1		2	3
Kansas City, Kans.	102,096		2						5	
Kansas City, Mo.	305,816	140	6	2	5		3	1	1	10
Kearny, N. J.	24,325	9					1		2	
Keene, N. H.	10,725	3								
Kenosha, Wis.	32,833	5	1		3		1			
Knoxville, Tenn.	59,112		2		15		2		6	6
Kokomo, Ind.	21,929	8					1			
Lackawanna, N. Y.	16,219	15			7				1	
La Crosse, Wis.	31,835	9	1				1			
La Fayette, Ind.	21,481	13								
Lancaster, Ohio.	16,086	14			8					2
Lancaster, Pa.	51,437		6		87					
Lawrence, Kans.	13,477	5	1		2				1	
Lawrence, Mass.	102,923	30	4	1			2		9	3
Leavenworth, Kans.	19,363	7	3				1			1
Lebanon, Pa.	20,947				2		1			
Lima, Ohio.	37,145	13	4				8			1
Lincoln, Nebr.	46,957	11	4		1		3			2
Little Rock, Ark.	58,716	27	1		5		7		9	3
Lockport, N. Y.	20,028	1			3					
Logansport, Ind.	21,358	5					1			1
Long Beach, Cal.	29,163	21	1							
Long Branch, N. J.	15,733	4							1	
Lorain, Ohio.	38,266	10			2		3			
Los Angeles, Cal.	535,485	241	22	1	14		8	1	43	
Louisville, Ky.	240,808	82	3		8		5		13	
Lowell, Mass.	114,366	46	3	1	7		6		5	
Lynchburg, Va.	33,497	25								
Lynn, Mass.	104,534	23	4		1		8		4	3
Madison, Wis.	31,815	12			1		1			3
Manchester, Conn.	15,859	2			1					
Manchester, N. H.	79,607	39	1				3			1
Manitowoc, Wis.	13,931	1	2		3					
Marinette, Wis.	14,610	8	1		2					1
Marion, Ind.	19,923	4	1		1		5			
Martins Ferry, Ohio.	10,135	1	2		1		2		1	
Mason City, Iowa.	14,933	5								2
Medford, Mass.	26,681	9	1		1		1		1	
Melrose, Mass.	17,724	7								
Memphis, Tenn.	151,877	77	3		9		1		15	
Meriden, Conn.	29,431						4			2
Methuen, Mass.	14,320	7					1		1	

1 Population Apr. 15, 1910.

DIPHThERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Contd.

City Reports for Week Ended Feb. 1, 1919—Continued.

City.	Popula- tion as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Middletown, N. Y.	15,890						1			
Middletown, Ohio	16,384	7	1		4					
Milwaukee, Wis.	445,008	84	7				19			3
Minneapolis, Minn.	373,448		13	1	1		14	1	20	5
Mishawaka, Ind.	17,083	3								
Missoula, Mont.	19,075	3					2			2
Mobile, Ala.	59,201	44			11					2
Moline, Ill.	27,976	3								1
Monessen, Pa.	23,070		1							
Montclair, N. J.	27,087	3					1			1
Montgomery, Ala.	44,039	11			1					
Morgantown, W. Va.	14,444	3					1			1
Morristown, N. J.	13,410	7	1							1
Moundsville, W. Va.	11,513	7								1
Mount Carmel, Pa.	20,709								3	
Mount Vernon, N. Y.	37,991	18								
Muskogee, Okla.	47,173		2				1			
Nanticoke, Pa.	23,811				8					
Nashua, N. H.	27,541	7					4			
Nashville, Tenn.	118,136	62					7		1	4
Newark, N. J.	418,789	151	55	3	2		15		45	20
New Bedford, Mass.	121,622	35	3	1					14	5
New Britain, Conn.	55,385		2		6		8		4	
Newburyport, Mass.	15,291	2								
New Haven, Conn.	152,275	50	16		10		5		17	5
New London, Conn.	21,199	15		1						
New Orleans, La.	377,010	243	12				2		27	19
Newport, Ky.	32,133	5	2				2			
Newport, R. I.	30,885	11	4	1						2
Newton, Mass.	44,345	20	1				1		1	1
New York, N. Y.	5,737,492	2,448	316	33	50	2	128	6	281	184
Niagara Falls, N. Y.	38,466	16	5				1		3	1
Norfolk, Va.	91,148				2		3			
Norristown, Pa.	31,969				1					
North Adams, Mass.	122,019	7							4	1
Northampton, Mass.	20,006	10					3			1
North Attleboro, Mass.	11,243	4	1							
North Braddock, Pa.	15,634		1		1					
North Tonawanda, N. Y.	14,060	7							5	1
North Yakima, Wash.	22,058		2				3			
Norwich, Conn.	21,923	1	2							
Oakland, Cal.	236,405	83	3				5		12	6
Oak Park, Ill.	27,816	12			3					
Ogdensburg, N. Y.	16,845	5								
Ogden, Utah.	32,343	11					1			
Oklahoma City, Okla.	97,588	22	2		4		1		1	
Olean, N. Y.	16,927	7		1						
Omaha, Nebr.	177,777	44	5	1	7		3	1		3
Orango, Conn.	14,393	5								2
Orange, N. J.	33,636	18	4						1	
Oswego, N. Y.	24,219				1		2			
Parkersburg, W. Va.	21,059	6								
Passaic, N. J.	74,478	17	2							2
Peekskill, N. Y.	19,034	3								1
Peoria, Ill.	72,184	20					1		2	2
Perth Amboy, N. J.	42,646	18					1		2	
Philadelphia, Pa.	1,735,514	784	68	10	14		55	3	113	76
Phoenixville, Pa.	11,871				1					
Pine Bluff, Ark.	17,777		3						6	
Piqua, Ohio.	14,275	6								1
Pittsburgh, Pa.	586,196		10		3		10		14	
Pittsfield, Mass.	39,678	12								
Pittston, Pa.	18,975		1							
Plainfield, N. J.	24,330	11	4						1	1
Plattsburg, N. Y.	13,111	5	8							
Plymouth, Mass.	14,001	5								1
Plymouth, Pa.	19,439				4				1	
Pontiac, Mich.	18,006	9	5	1			1			
Port Chester, N. Y.	16,727	4								
Portland, Me.	64,720	27					3			
Portland, Oreg.	398,399	111	11	2	4		2		7	5
Portsmouth, Va.	40,693		1		2				3	

<sup>1</sup> Population Apr. 15, 1910.



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

City Reports for Week Ended Feb. 1, 1919—Continued.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Pottsville, Pa.	22,717		8		21				3	
Poughkeepsie, N. Y.	30,786	12	3						2	1
Providence, R. I.	259,895	105	30	5			6			
Quincy, Mass.	39,022	14	1				2		1	
Rahway, N. J.	10,361	1	1							
Raleigh, N. C.	20,274	10			2					
Reading, Pa.	111,607		2		86		1			
Redlands, Cal.	14,573	2					3			
Reno, Nev.	15,514	3								
Richmond, Va.	158,702	59	2				3		22	5
Rochester, N. Y.	264,714	80	6	1	5		10		8	6
Rockford, Ill.	56,739	11			3		3			
Rock Island, Ill.	29,452	12	1							
Rocky Mount, N. C.	12,673	8					1			1
Rome, N. Y.	24,259		3				1		4	
Rutland, Vt.	15,038	8								
Sacramento, Cal.	68,984	26	1				1		4	2
Saginaw, Mich.	56,469	17	3							1
St. Joseph, Mo.	86,498	51	13	3			3		3	2
St. Louis, Mo.	768,630	234	35	2	5		12	1	35	16
St. Paul, Minn.	252,465	65	30	2	9	1	20		10	7
Salem, Mass.	49,346	10	5				2		1	2
Salt Lake City, Utah.	121,623	51	2		1		3			1
San Bernardino, Cal.	17,616	12			1					1
San Diego, Cal.	56,412	21	1		1				4	3
Sandusky, Ohio.	20,226	9	1							
Sanford, Me.	11,217	5	1							
San Jose, Cal.	39,810						2			
Santa Barbara, Cal.	15,360	3							1	1
Santa Cruz, Cal.	15,150	4								
Saratoga Springs, N. Y.	13,839	9							1	
Saugus, Mass.	10,210	6								
Sault Ste. Marie, Mich.	14,130	4			1		1			
Schenectady, N. Y.	103,774	20	5	1					1	2
Scranton, Pa.	149,541		10				5		8	
Seattle, Wash.	366,445		8		6		19			
Shamokin, Pa.	21,274		5		1					
Sharon, Pa.	19,156		1		1					
Shenandoah, Pa.	29,753		1		5					
Sioux Falls, S. Dak.	16,887	3								
Somerville, Mass.	88,618	22	10		1		2		5	1
South Bend, Ind.	70,967	23	1	1	22		3			1
Southbridge, Mass.	14,465	1					2			
Spartanburg, S. C.	21,985	4	1		9					
Springfield, Ill.	62,623	21	2		1					4
Springfield, Mass.	108,668	49	2				4		6	2
Springfield, Mo.	41,169	13								2
Springfield, Ohio.	52,296	19			23				1	1
Steeltown, Pa.	15,759		1						3	
Steuersville, Ohio.	28,259	11	1						2	
Stockton, Cal.	36,209	25								1
Superior, Wis.	47,167	17			1		3			1
Syracuse, N. Y.	158,559	59	9	1	2		12		3	5
Tacoma, Wash.	117,446		3		1		9			
Taunton, Mass.	37,610	27			9		1		6	3
Terre Haute, Ind.	67,361	25							7	2
Toledo, Ohio.	202,010	77	7	1			17		12	9
Topeka, Kans.	49,538									
Trenton, N. J.	118,974	65	4						3	4
Troy, N. Y.	78,094	34	5				5	1	3	3
Tuscaloosa, Ala.	10,824	6	2						2	
Vallejo, Cal.	13,803	3	1	1						
Wakefield, Mass.	12,847	2	1							1
Walla Walla, Wash.	26,067		3							
Waltham, Mass.	31,011	10								
Washington, Pa.	22,076						1			
Waterbury, Conn.	89,201	2	2		2				1	1
Watertown, Mass.	15,188	10					1		1	
Watertown, N. Y.	30,404	5								1
Watervliet, N. Y.	15,622	5								
Wausau, Wis.	19,666	14							1	
West Chester, Pa.	13,403				1		5			
Westfield, Mass.	18,769	9	1	1			1			1
West Hoboken, N. J.	44,386	8	1				1		2	

**DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Contd.**

**City Reports for Week Ended Feb. 1, 1919—Continued.**

City.	Popula- tion as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
West New York, N. J.....	19,613	8	6				1		1	
West Orange, N. J.....	13,964	2	1							
Wheeling, W. Va.....	43,657	26							1	1
Wichita, Kans.....	73,597	23				1			6	1
Wilkes-Barre, Pa.....	78,334		4			1			1	
Wilkinsburg, Pa.....	23,899					1			1	
Williamsport, Pa.....	34,123					2				
Wilmington, Del.....	95,369	61	2	1	3	1			3	3
Wilmington, N. C.....	30,400	20								
Winchester, Mass.....	10,812	2								
Winona, Minn.....	<sup>1</sup> 18,583	7								
Winston-Salem, N. C.....	33,136	13			1		1			
Winthrop, Mass.....	13,105						3			
Woburn, Mass.....	16,076	2								
Worcester, Mass.....	166,106	55	6		13		1	1	2	4
Yonkers, N. Y.....	103,056	37	6		2		1		4	2
York, Pa.....	52,770		2				5		1	
Zanesville, Ohio.....	31,320	9			1					1

<sup>1</sup> Population Apr. 15, 1910.

# FOREIGN.

## CUBA.

### Communicable Diseases—Habana.

Communicable diseases have been notified at Habana as follows:

Disease.	Jan. 11-20, 1919.		Remaining under treatment Jan 20, 1919.
	New cases.	Deaths.	
Diphtheria.....			1
Leprosy.....			17
Malaria.....	24		144
Paratyphoid fever.....	1		4
Scarlet fever.....			1
Typhoid fever.....	3	4	32

<sup>1</sup> From the interior, 35.

<sup>2</sup> From the interior, 21.

### Influenza—Habana—Regla.

During the period January 11 to 20, 1919, 148 cases of influenza with 15 fatalities were notified at Habana, and 8 cases at Regla.

## NORWAY.

### Influenza—Christiania.

During the month of November, 1918, 225 fatal cases of influenza were notified at Christiania, Norway, and during the month of December, 1918, 82 fatal cases.

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

### Reports Received During Week Ended Feb. 21, 1919.<sup>1</sup>

#### CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>India:</b>				
Bombay.....	Nov. 17-Dec. 7....	4	2	
Calcutta.....	Nov. 30-Dec. 14....	7	85	
Madras.....	Dec. 8-14.....	7	3	
Rangoon.....	Dec. 1-14.....	19	17	
<b>Java:</b>				
East Java— Surabaya district.....	Nov. 5-18.....	544	316	
Mid-Java.....				Oct. 18-Nov. 27, 1918: Cases, 1,494; deaths, 840.
West Java.....				Oct. 17-Nov. 27, 1918: Cases, 184; deaths, 104.
Batavia.....	Oct. 17-Nov. 27....	119	47	
<b>Philippine Islands:</b>				
Manila.....	Dec. 29-Jan. 4....	4	3	

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

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

**Reports Received During Week Ended Feb. 21, 1919—Continued.**
**PLAGUE.**

Place.	Date.	Cases.	Deaths.	Remarks.
<b>China:</b>				
Hongkong.....	Dec. 22-23.....	1	1	
<b>Ecuador:</b>				
Guayaquil.....	Dec. 16-31.....	6		
Taura.....	do.....	1	1	
<b>India</b> .....				Nov. 24-Dec. 7, 1918: Cases, 2,404; deaths, 1,648.
Bombay.....	Nov. 17-Dec. 7....	2	2	
Madras.....	Dec. 8-14.....	3	1	
Madras Presidency.....	do.....	286	202	
Rangoon.....	do.....	6	6	
<b>Java:</b>				
East Java— Surabaya district.....	Nov. 5-18.....	46	46	

**SMALLPOX.**

<b>Canada:</b>				
New Brunswick— St. John.....	Jan. 26-Feb. 8....	5		
Nova Scotia— Halifax.....	do.....	27		
Quebec— Paspebiac.....	Jan. 26-Feb. 1....	3		
<b>China:</b>				
Honekong.....	Dec. 15-21.....	1	1	
Nanking.....	Oct. 5-Dec. 23....			Present.
<b>Denmark:</b>				
Copenhagen.....	Dec. 22-28.....	1		
Do.....	Dec. 29-Jan. 11....	8		
<b>India:</b>				
Bombay.....	Nov. 17-Dec. 6....	7	1	
Calcutta.....	Nov. 30-Dec. 14....		4	
Madras.....	Dec. 8-14.....	12	2	
Rangoon.....	Dec. 1-14.....	21	2	
<b>Japan:</b>				
Kobe.....	Dec. 15-28.....	68	25	
Do.....	Dec. 29-Jan. 4....	37	3	
<b>Java:</b>				
East Java— Surabaya district.....	Nov. 5-18.....	8		
Mid-Java.....				Oct. 18-Nov. 27, 1918: Cases, 109.
West Java.....				Oct. 17-Nov. 27, 1918: Cases, 307; deaths, 99.
Batavia.....	Oct. 17-Nov. 27....	83	68	
<b>Mesopotamia:</b>				
Bagdad.....	Oct. 5-11.....	12		
<b>Mexico:</b>				
Mexico City.....	Nov. 3-Dec. 28....	9		
Do.....	Dec. 29-Jan. 11....	3		
<b>Newfoundland:</b>				
St. Johns.....	Jan. 26-31.....	1		
Outports— Bonavista.....	do.....	1		
Curling.....	do.....	3		
<b>Philippine Islands:</b>				
Manila.....	Dec. 29-Jan. 4....	1		Varioloid, 1.
<b>Portugal:</b>				
Lisbon.....	Dec. 22-28.....	194		
<b>Union of South Africa:</b>				
Johannesburg.....	Aug. 1-Sept. 30....	5		Nov. 1-30, 1918: Cases, 4.

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

**Reports Received During Week Ended Feb. 21, 1919—Continued.**

**TYPHUS FEVER.**

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Antung.....	Jan. 6-12.....	1		
Colombia:				
Barranquilla.....	Jan. 19-25.....		1	
Japan:				
Nagasaki.....	Dec. 23-29.....	1		
Do.....	Dec. 30-Jan. 5.....	4		
Mesopotamia:				
Bagdad.....	Oct. 5-11.....	1		
Mexico:				
Mexico City.....	Nov. 3-Dec. 28.....	190		
Do.....	Dec. 29-Jan. 11.....	62		
Siberia:				
Vladivostok.....	Dec. 1-15.....	7		

**YELLOW FEVER.**

Place.	Date.	Cases.	Deaths.	Remarks.
Ecuador:				
Duran.....	Dec. 16-31.....	1		
Guayaquil.....	do.....	45	21	
On vessel:				
S. S. Jamaica.....	Jan. 30.....	1		At quarantine station, Canal Zone, Panama.

**Reports Received from Dec. 28, 1918, to Feb. 14, 1919.**

**CHOLERA.**

Place.	Date.	Cases.	Deaths.	Remarks.
Ceylon:				
Colombo.....	Nov. 17-30.....	4	5	
India:				
Bombay.....	Aug. 18-Nov. 9.....	26	15	
Calcutta.....	Sept. 29-Nov. 30.....		67	Report for Nov. 23, 1918, missing.
Madras.....	Oct. 5-Nov. 30.....	134	92	
Rangoon.....	do.....	10	10	
Indo-China:				
Anam.....	Aug. 1-31.....	5	5	
Cambodia.....	do.....	98	71	
Cochin-China.....	do.....	110	89	
Saigon.....	Oct. 7-Nov. 10.....	18	12	
Tonkin.....	Aug. 1-31.....	1		
Java:				
East Java.....				Oct. 7-21, 1918: Cases, 109; deaths, 94.
Surabaya (district).....	Oct. 7-28.....	92	75	
Mid-Java.....				Sept. 25-Oct. 16, 1918: Cases, 1,389; deaths, 867.
Samarang.....	Sept. 25-Oct. 16.....	120	111	
West Java.....				Oct. 2-Nov. 6, 1918: Cases, 212; deaths, 123.
Batavia.....	Oct. 2-Nov. 6.....	161	95	
Mesopotamia:				
Bagdad.....	Oct. 11-18.....	8		
Philippine Islands:				
Manila.....	Sept. 22-Dec. 28.....	181	121	Nov. 2-9, 1918: Cases, 511; deaths, 417. Nov. 17-Dec. 28, 1918: Cases, 1,203; deaths, 853.
Provinces.....				
Albay.....	Dec. 15-21.....	1	1	
Bataan.....	Nov. 17-Dec. 28.....	33	32	
Batangas.....	Nov. 2-9.....	156	141	
Do.....	Nov. 17-Dec. 28.....	79	65	
Bohol.....	Nov. 2-9.....	19	17	
Do.....	Nov. 17-Dec. 21.....	12	5	
Bulacan.....	Oct. 27-Nov. 2.....	5	6	
Do.....	Nov. 17-Dec. 28.....	44	30	
Capiz.....	Dec. 22-28.....	7	5	
Cavite.....	Oct. 27-Nov. 2.....	38	28	
Do.....	Nov. 17-Dec. 21.....	163	75	
Cebu.....	Dec. 15-21.....	41	20	
Ilocos Sur.....	Dec. 8-23.....	17	8	
Hilo.....	Oct. 27-Nov. 2.....	9	6	

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

Reports Received from Dec. 28, 1918, to Feb. 14, 1919—Continued.

**CHOLERA—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Philippine Islands—Contd.</b>				
<b>Provinces—Continued.</b>				
Iloilo.....	Nov. 17-Dec. 21....	70	51	
Laguna.....	Oct. 27-Dec. 23....	18	11	
Mindoro.....	Nov. 24-30.....	4	5	
Misamis.....	Oct. 27-Nov. 2....	6	5	
Do.....	Nov. 17-Dec. 28....	75	48	
Oriental Negros.....	Nov. 2-9.....	20	8	
Do.....	Nov. 17-Dec. 7....	6	6	
Pampanga.....	Nov. 24-Dec. 14....	4	4	
Pangasinan.....	Nov. 2-9.....	236	192	
Do.....	Nov. 17-Dec. 28....	428	313	
Rizal.....	Oct. 27-Nov. 2....	3	1	
Do.....	Nov. 24-30.....	16	5	
Samar.....	Dec. 15-21.....	8	1	
Sorsogon.....	Nov. 17-23.....	8	4	
Tayabas.....	Nov. 2-9.....	7	4	
Do.....	Nov. 17-Dec. 28....	54	25	
Union.....	Nov. 2-Dec. 28....	18	14	
Zamboanga.....	Dec. 8-28.....	27	19	
Russia:				
Petrograd.....	To July 16.....	3,388	1,054	In civil hospitals. In military hospitals, July 5-Aug. 21, 1918 Cases, 884; deaths, 783.
Do.....	July 17-Aug. 21....	2,943	1,455	

**PLAGUE.**

China:				Present.
Amoy.....	.....			Do.
Chungking.....	Dec. 1-7.....			
Hongkong.....	Oct. 26-Dec. 8....	1	1	
Do.....	Nov. 9-16.....	1	1	
Nanking.....	Nov. 2-9.....			Always prevalent.
Ceylon:				
Colombo.....	Oct. 27-Nov. 2....	1	1	
Ecuador:				
Guayaquil.....	Nov. 1-Dec. 15....	9	3	
Egypt.....	.....			Jan. 1-Nov. 21, 1918: Cases, 357; deaths, 153.
India.....	.....			Sept. 23-Nov. 23, 1918: Cases, 17,144; deaths, 13,401.
Bombay.....	Aug. 18-Nov. 16....	36	25	
Karachi.....	Oct. 19-26.....	16	16	
Madras Presidency.....	Oct. 13-Nov. 30....	624	422	
Rangoon.....	Oct. 5-Nov. 9.....	70	70	
Indo-China:				
Anam.....	Aug. 1-31.....	15	10	
Cambodia.....	do.....		23	
Cochin-China.....	do.....	14	11	
Saigon.....	Oct. 7-Nov. 3....	3	1	
Java:				
East Java.....	.....			Oct. 7-21, 1918: Cases, 17; deaths, 17.
Surabaya (district).....	Oct. 7-21.....	15	15	
Mid-Java.....	.....			Sept. 25-Oct. 16, 1918: Cases, 14; deaths, 14.
Samarang.....	Sept. 25-Oct. 16....	6	6	
Siam:				
Bankok.....	Sept. 21-28.....	4	3	
Do.....	Oct. 5-12.....	2	2	
Venezuela:				
Caracas.....	Dec. 30.....	1		

**SMALLPOX.**

Algeria:				
Algiers.....	Oct. 1-Dec. 31....	2	1	
Canada:				
New Brunswick—				
Campbellton.....	Dec. 22-28.....	1		
Do.....	Jan. 5-11.....	1		
St. John.....	Nov. 8-14.....	3		

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

**Reports Received from Dec. 28, 1918, to Feb. 14, 1919—Continued.**

**SMALLPOX—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Canada—Continued.</b>				
<b>Nova Scotia—</b>				
Bear River.....	Dec. 29-Jan. 4.....			Present.
Bigbee.....	Jan. 10.....			Do.
Digby.....	do.....			Do.
Halifax.....	Dec. 7-28.....	10		
Do.....	Jan. 5-25.....	40		
Middleton.....	Dec. 29-Jan. 4.....			Do.
Sydney.....	Jan. 5-25.....	2		
<b>Ontario—</b>				
North Bay.....	Jan. 19-25.....	1		
Ottawa.....	Jan. 12-25.....	5		
<b>Quebec—</b>				
Montreal.....	Jan. 24-Dec. 21.....	2		
Do.....	Jan. 12-25.....	12		
Paspebiac.....	do.....	2		
Quebec.....	Dec. 15-21.....	1		
Do.....	Dec. 29-Jan. 4.....	1		
<b>Canal Zone.....</b>				
Do.....	Jan. 1-25.....	28		Aug. 1-Dec. 31, 1918: Cases, 133. Occurring at Colon, Panama, and various points in interior.
Colon.....	Dec. 15-21.....	1		
Do.....	Dec. 29-Jan. 4.....	1		
<b>China:</b>				
Amoy.....	Oct. 13-Dec. 8.....			Present.
Canton.....	Nov. 17-23.....			Do.
Chungking.....	Nov. 10-30.....			Do.
Foochow.....	Nov. 24-Dec. 21.....			Do.
Nanking.....	Dec. 1-21.....			Do.
<b>Chosen:</b>				
Chemulpo.....	Nov. 30.....	2		
<b>Denmark:</b>				
Copenhagen.....	Nov. 9-Dec. 14.....	11		
<b>Egypt:</b>				
Alexandria.....	Dec. 17-23.....	1	1	
<b>India:</b>				
Bombay.....	Aug. 18-Nov. 16.....	13	3	Report for week ended Nov. 23) 1918, missing.
Calcutta.....	Sept. 29-Nov. 30.....	7	1	
Karachi.....	Sept. 29-Oct. 5.....	1	28	
Madras.....	Oct. 5-Nov. 30.....	35	2	
Rangoon.....	Oct. 20-Nov. 23.....	2		
<b>Indo-China:</b>				
Anam.....	Aug. 1-31.....	29	8	
Cambodia.....	do.....	78	40	
Cochin-China.....	do.....	97	27	
Saigon.....	Oct. 7-20.....	13	3	
Tonkin.....	Aug. 1-31.....	5		
<b>Japan:</b>				
Kobe.....	Oct. 26-Dec. 14.....	118	21	
<b>Java:</b>				
East Java.....				Oct. 7-21, 1918: Cases, 6.
Surabaya (district).....	Oct. 7-28.....	7		
Mid-Java.....				Sept. 25-Oct. 16, 1918: Cases, 55;
West Java.....				Oct. 2-Nov. 6, 1918: Cases, 341
Batavia.....	Oct. 2-Nov. 6.....	91	76	deaths, 122.
<b>Mesopotamia:</b>				
Bagdad.....	Oct. 11-Nov. 15.....	154	33	
<b>Mexico:</b>				
Ciudad Juarez.....	Nov. 24-30.....	1		
Mexico City.....	Sept. 22-Nov. 2.....	14		
<b>Newfoundland:</b>				
St. Johns.....	Dec. 6-20.....	4		
Do.....	Dec. 28-Jan. 24.....	3		
<b>Outports—</b>				
Avondale.....	do.....	4		
Blaine Harbor.....	Dec. 14-20.....	2		
Bay of Islands.....	Jan. 11-17.....	6		
Bay Roberts.....	Dec. 21-27.....	1		
Bryants Cove.....	Dec. 7-13.....	3		
Burin.....	do.....	4		
Coleys Point.....	Dec. 14-20.....	1		
Kings Cove.....	Jan. 18-24.....	1		
Musgrave Harbor.....	Dec. 7-13.....	4		
Do.....	Jan. 11-17.....	6		
Paradise.....	Dec. 7-13.....	60		
St. Jacques.....	Jan. 18-24.....	2		Placentia Bay.

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

**Reports Received from Dec. 28, 1918, to Feb. 14, 1919—Continued.**

**SMALLPOX—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Philippine Islands:</b>				
Manila.....	Nov. 2-9.....	2	2	
<b>Portugal:</b>				
Lisbon.....	Nov. 16-30.....	649		
<b>Portuguese East Africa:</b>				
Lourenco Marques.....				July 1-Oct. 31, 1918: 45 fatal cases.
<b>Siberia:</b>				
Vladivostok.....	Nov. 1-3.....	4		
<b>Spain:</b>				
Cadiz.....	Oct. 1-31.....		3	
Madrid.....	Sept. 1-Oct. 31.....		153	
Seville.....	Nov. 1-30.....		2	
Valencia.....	Nov. 10-Dec. 21.....	40	9	
<b>Straits Settlements:</b>				
Penang.....	Oct. 6-12.....	1		
<b>Union of South Africa:</b>				
Cape Town.....	Aug. 1-30.....	1		
Johannesburg.....	Oct. 1-31.....	7		

**TYPHUS FEVER.**

<b>Algeria:</b>				
Algiers.....	Nov. 1-30.....		1	
<b>Brazil:</b>				
Ceara.....	Sept. 14-21.....	1		
<b>China:</b>				
Antung.....	Dec. 2-15.....	2		
<b>Colombia:</b>				
Barranquilla.....	Nov. 8-Dec. 28.....		3	
<b>Egypt:</b>				
Alexandria.....	Oct. 14-Dec. 31.....	85	36	
<b>Great Britain:</b>				
Glasgow.....	Dec. 22-28.....	5		
<b>Greece:</b>				
Saloniki.....	Sept. 29-Dec. 7.....		28	
<b>Japan:</b>				
Nagasaki.....	Nov. 10-Dec. 22.....	12	4	
<b>Java:</b>				
East Java.....				Oct. 7-21, 1918: Cases, 5.
Surabaya.....	Oct. 7-21.....	4		
Mid-Java.....				Sept. 25-Oct. 16, 1918: Cases, 8.
West Java.....				Oct. 2-23: Cases, 31; deaths, 6.
Batavia.....	Oct. 2-23.....	15	4	
<b>Mexico:</b>				
Guadalajara.....	Nov. 1-30.....	2		
Mexico City.....	Sept. 22-Nov. 2.....	244		
<b>Siberia:</b>				
Vladivostok.....	Sept. 1-Nov. 30.....	16		
<b>Spain:</b>				
Huelva.....	Oct. 1-31.....		2	
<b>Union of South Africa:</b>				
Port Elizabeth.....	Sept. 14-28.....			Present among natives in several interior towns.

**YELLOW FEVER.**

<b>Brazil:</b>				
Pernambuco.....	Oct. 1-Nov. 30.....	2	1	
<b>Ecuador:</b>				
Babahoyo.....	Nov. 1-30.....	1		
Duran.....	Nov. 1-Dec. 15.....	2	2	
Guayaquil.....	do.....	118	66	
Milagro.....	Nov. 1-15.....	1		
Punta de Piedra.....	Nov. 1-30.....	1		
<b>Salvador:</b>				
San Salvador.....	Jan. 9.....	1		